

# THE NLM TECHNICAL BULLETIN

## REGULAR ITEMS

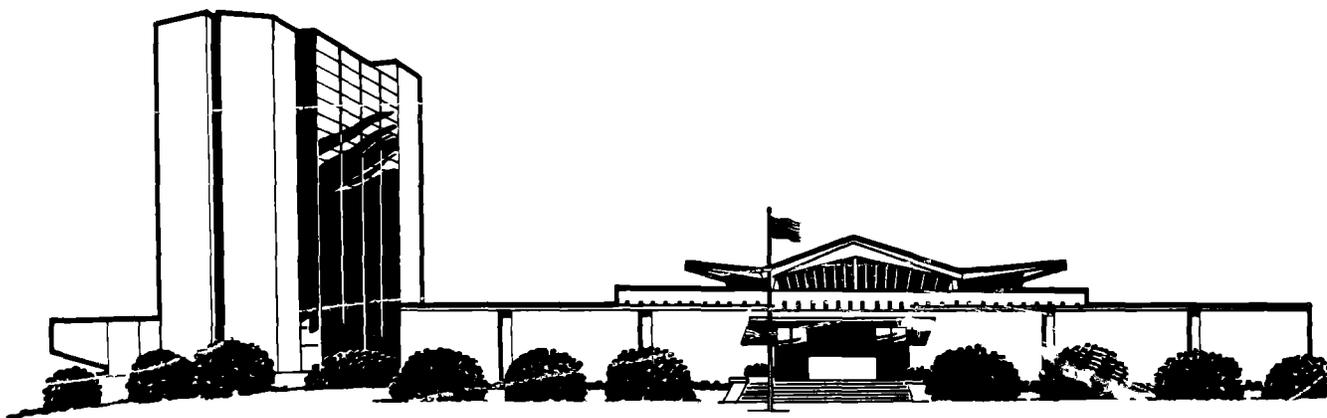
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December 1983

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NLM TECHNICAL BULLETIN - JAN 84

DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,183	THROUGH 1984	12 JAN 84	
BIOETHICS	15,452	JAN 73-JUN 83	16 JAN 84	8312(EM)
CANCERLIT	387,262	JAN 63-JAN 84	13 JAN 84	8401(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	511,066	THROUGH 1984	12 JAN 84	
CHEMLINE	591,922		09 JAN 84	8312(EM)
CLINPROT	4,128		04 JAN 84	8312(EM)
DIRLINE	13,056		01 AUG 83	
EXPRESS	6,760	OCT 83-JAN 84	13 JAN 84	8401(EM)
HEALTH	266,500	JAN 75-FEB 84	09 JAN 84	8402(EM)
HISTLINE	57,839		14 NOV 83	8311(EM)
MEDLINE	471,099	JAN 82-FEB 84	03 JAN 84	8402(EM)
MED80	529,292	JAN 80-DEC 81	12 DEC 83	
MED77	775,305	JAN 77-DEC 79	12 DEC 83	
MED75	642,781	JAN 75-DEC 76	12 DEC 83	
MED71	884,025	JAN 71-DEC 74	12 DEC 83	
MED66	954,760	JAN 66-DEC 70	12 DEC 83	
MESH VOC	48,997	1984	16 JAN 84	
NAME AUTH	154,288		09 JAN 84	
PDQ	956		04 JAN 84	8312(EM)
PDQ/DIRECTORY	11,184	DEC 83	04 JAN 84	8312(EM)
POPLINE	119,733	1970-JAN 84	16 JAN 84	8401(EM)
RTECS	64,919	THROUGH OCT 83	19 DEC 83	
SDILINE	27,726	FEB 84	03 JAN 84	
SERLINE	42,070	1984	27 DEC 83	
TDB	4,117		27 DEC 83	
TOXLINE	679,124		27 DEC 83	8312(EM)
CBAC	348,153	1979-VOL 99(11,12)		
TOXBIB	121,728	1979-JAN 84		
IPA (ASHP)	28,856	1979-VOL 20(21-23)		
HEEP	52,775	1979-VOL 12(12)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	40,995	1950-SEP 83		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	18,627	GRA & I 82(25)-83(22,23)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
Assistant Editor: Rose Marie Woodsmall  
Technical Notes Editor: Patricia E. Healy  
Production Assistant: Mildred D. Mader  
301/496-6193

Direct Inquiries to:  
MEDLARS Management Section  
National Library of Medicine  
Bldg. 38A, Rm. 4N421  
Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

**UUSF PROBLEMS** - Recently, several users have been unable to access the computer because of problems with their UUSF (Unified User Specification File) areas. The UUSF contains the system access or logon code, the password, the pagelength and pagewidth, stored address, and SAVESEARCHes. Several conditions may cause the UUSF record to become unusable. Most occur at or near the time that the UUSF record reaches capacity.

If your UUSF becomes unusable, you will receive the following message:

YOUR USER CODE IS NO LONGER FUNCTIONAL -- PLS CALL MMS

At this point, you will not be able to access the NLM computer. Please call MEDLARS Management Section immediately to report the problem so that NLM staff can rebuild your UUSF/Code area.

The UUSF area that holds the SAVES and SAVESEARCHes, as well as the other items (code, password, etc.), has a present system limit of 6,220 characters. The stored address, password, pagelength, pagewidth, etc. generally take up between 200-300 characters. This leaves about 6,000 characters available for saved searches. The saved search area in the USSF was envisioned to include search formulations developed in a file such as MEDLINE and then executed in each of its backfiles, thus eliminating redundant keying. We believe that there is enough space for 10 (or perhaps even 20, depending on size) saved searches in the UUSF area. So that your UUSF/Code area does not become temporarily unusable, please check your saved search area with a SAVE LIST command before you enter additional SAVES or SAVESEARCHes to see how much space remains. It is a good rule to always keep at least 10% free-space; if you are close to this 10% figure, do not create another saved search without first removing old SAVES.

Note: The most common causes of UUSF problems are outlined in the March 1982 issue of this Bulletin, pages 13-14. A summary of common ways to prevent problems is:

1. Make sure your UUSF area contains at least 10% free space.
2. Remove saved searches one at a time.
3. Avoid stringsearching in SAVE/SAVESEARCH -- more than one stringsearch in a saved search is especially dangerous.

WASHINGTON'S BIRTHDAY HOLIDAY SCHEDULE - The NLM computer will be up on Monday, February 20, 1984, the day of the Federal government observance of George Washington's Birthday. Non-prime rates will be in effect all day. The MEDLARS Management Service Desk will not be staffed. On George Washington's Birthday, Wednesday, February 22, 1984, the NLM computer will be up and the MMS Service Desk staffed. Regular rates will be in effect all day. Please see the October 1983 Technical Bulletin, p. 6, for the complete 1984 holiday schedule.

CANCEREXPRESS CHARGES - Since January 3, 1984, CANCEREXPRESS online connect charges, computer work, and characters have been billed at MEDLINE rates. OFFSEARCHes continue to be charged at \$1.00 per search; OFFPRINT pages are \$.18 each.

PDQ, DIRECTORY FREE ONLINE TIME - At the request of the National Cancer Institute, non-billed online access for PDQ and PDQ/DIRECTORY databases will be extended for an indefinite period. OFFSEARCHes for these databases will continue to be charged at \$1.00 per search; OFFPRINT pages are \$.18 each.

MEDLARS TOOLS - The following recent publications may now be ordered from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161:

- 1) Technical Notes: MEDLARS Indexing Instructions, Tumor Key Supplement, 1984  
 Order number = PB84-120039  
 Price = \$8.00 (\$16.00 foreign; \$4.50 microfiche)

This publication is intended as a guide to the correct Medical Subject Heading terms for the various histological types of tumors and cancers.

- 2) Medical Subject Headings, Tree Annotations, 1984  
 Order number = PB84-120047  
 Price = \$10.00 (\$20.00 foreign; \$4.50 microfiche)

This publication is designed for medical indexers and searchers and has two purposes: a) to give a general statement on the approach indexers and searchers should pursue to a given tree, and b) to advise them of special features within that tree that they should be aware of before indexing or searching.

An article in the October 1983 Technical Bulletin, p. 15, titled, "Changes to MeSH Tree Annotations for 1984," indicated that this publication would not be available in a 1984 edition; this decision was subsequently reversed. Nevertheless, owners of the 1983 Tree Annotations, may still use the information in this article to bring the 1983 edition up-to-date for 1984, and may forego the purchase of the 1984 edition.

3) Medical Subject Headings -- Supplementary Chemical Records, 1984

Order number = PB84-117571

Price = \$22.00 (\$44.00 foreign; \$7.50 microfiche)

This second edition supersedes the 1983 publication and contains records of approximately 24,000 chemicals which have been mentioned in a significant way in journal articles indexed for MEDLINE since 1970. The publication is intended as an aid to indexers and users of Index Medicus and MEDLINE. It assists users in locating the chemical subject headings under which citations referring to a more specific chemical can be found.

POPLINE  
UPDATE  
REVISIONS

- Please annotate the "Database Update Schedule 1984," published with the October 1983 Technical Bulletin (Appendix B) with the following corrections to the POPLINE update schedule:

<u>UPDATE MONTH</u>	<u>OLD DATE</u>	<u>NEW DATE</u>
JAN	JAN 9	JAN 16
APR	APR 9	APR 16
JUL	JUL 9	JUL 16
OCT	OCT 9	OCT 15

DATABASE  
UPDATE  
FREQUENCY

- Appendix A contains the update frequency for each database.

CHEMLINE/  
TOXLINE  
PRICE INCREASE

- A letter is enclosed with this issue informing domestic users of CHEMLINE/TOXLINE price increases, effective February 1, 1984, due to royalty fee increases.

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CHANGES IN THE RN FIELD IN MEDLINE  
Ruth L. Stander, Index Section/MeSH, NLM

The following two lists detail the changes made to the CAS Registry Number/E.C. Number (RN) field in MEDLINE during 1984 Class Maintenance. These changes in MEDLINE reflect changes made to chemical terms in the MeSH Vocabulary File, both MeSH Headings (MH) and Names of Substance (NM). Terms that are included in Class Maintenance are usually highly posted terms in MEDLINE. Many other RN and Name of Substance (NM) changes take place during the course of a year. However, since these changes are for terms with fewer than 10 postings, they are file-maintained manually in MEDLINE and are not included in this list. It is suggested that users review their stored searches and make appropriate changes for the class-maintained terms.

The first list gives the old RN/NM terms and their corresponding 1984 RN/NM entries in MEDLINE. The second list details records from which the entry in the RN field was deleted and the headings under which they can now be found.

We are considering publishing a list each month detailing all the RN/NM changes that we have made during the preceding month in MEDLINE. We would like to hear from users whether they consider such lists useful for their stored and/or other search strategies.

REPLACED TERMS		NEW TERM	
Name	OLD TERM	Name	NEW TERM
			Registry Number
ACNU	adenosine 5'-0-(2-thiotriphosphate)	ACNU	42471-28-3
	adenosine 5'-0-(3-thiotriphosphate)		0
#Adenosine Triphosphate F1	EC 3.6.1.-	#H(+)-Transporting ATPase	0
alpha-linolenic acid	463-40-1	alpha-linolenic acid	EC 3.6.1.34
alpha subunit, glycoprotein hormones	0	alpha subunit, pituitary hormones	1955-33-5
AM-715	0	norfloxacin	0
p-aminoclonidine	70458-96-7	4-aminoclonidine	70458-96-7
ammonium molybdate (VI)	66711-21-5	ammonium molybdate	66711-21-5
8-azido-cyclic AMP	12027-67-7	8-azidoadenosine-3', 5'-monophosphate	11098-84-3
band 3	31966-52-6	#Band 3 Protein	31966-52-6
p-bromophenacyl bromide	0	4-bromophenacyl bromide	0
bupirone	99-73-0	bupirone	99-73-0
C5a des-Arg	33386-08-2	complement 5a, des-arginine	36505-84-7
calcium activated neutral protease	0	calpain	0
#Carminomycin	EC 3.4.-	#Carubicin	EC 3.4.22.17
carprofen	39472-31-6	carprofen	39472-31-6
C3d	53716-49-7	complement 3d	52263-47-5
C3d receptor	0	complement 3d receptor	0
p-chloromercuribenzoic acid	59-85-8	4-chloromercuribenzoic acid	59-85-8
3-chlorophenylpiperazine	6640-24-0	1-(3-chlorophenyl)piperazine	6640-24-0
8-(p-chlorophenylthio)cyclic-3', 5'-AMP	41941-66-6	8-((4-chlorophenyl)thio)cyclic-3', 5'-AMP	41941-66-6
chlorophyllin	11006-92-1	chlorophyllin	15611-43-5
#Chloroplast Coupling Factor	EC 3.6.1.-	#H(+)-Transporting ATPase	EC 3.6.1.34
CHQP	82556-05-6	CHQP	0
compactin	60478-65-1	compactin	73573-88-3
1-cyclohexyl-3-(2-morpholinoethyl)⊖		1-cyclohexyl-3-(2-morpholinoethyl)⊖	
carbodiimide metho-p-toluenesulfonate	4641-47-8	carbodiimide metho-4-toluenesulfonate	4641-47-8
cyclo(leucylglycine)	5845-67-0	cyclo(leucylglycine)	5815-67-8
cyproterone acetate	427-51-0	cyproterone acetate	52437-31-7
#D 145	19982-08-2	#Mementine	19982-08-2
#D 600	16662-47-8	#Gallopanil	16662-47-8
decamethrin	52918-63-5	decamethrin	52820-00-5

# = MeSH Heading (MH)? appears in both MH and RN fields of MEDLINE unit record  
 ⊖ indicates term should be typed with no space between preceding and following characters

	<u>NAME</u>	<u>OLD TERM</u>	<u>REGISTRY NUMBER</u>	<u>NAME</u>	<u>NEW TERM</u>	<u>REGISTRY NUMBER</u>
#	Deprenyl					
	diacetolol		2323-36-6	#Selegiline		2323-36-6
	p,p'-diaminodiphenylmethane		22568-64-5	diacetolol		28197-69-5
	(S)-9-(2,3-dihydroxypropyl)adenine		101-77-9	4,4'-diaminodiphenylmethane		101-77-9
	24,25-dihydroxyvitamin D <sub>3</sub>		54262-03-8	9-(2,3-dihydroxypropyl)adenine		716-17-6
	dimeditepramine		40013-87-4	24,25-dihydroxyvitamin D <sub>3</sub>		40013-87-4
	16,16-dimethyl--delta(2)-prostaglandin		57010-32-9	dimeditepramine		57010-31-8
	E1 methyl ester		64318-79-2	16,16-dimethyl--delta(2)-prostaglandin		64318-79-2
	dimethyl dithiobispropionimide		38285-78-8	E1 methyl ester		59012-54-3
	diarylstoyllecithin		13699-48-4	dimethyl dithiobispropionimide		13699-48-4
	p,p'-diphenylmethane diisocyanate		101-68-8	#Dimyristoylphosphatidylcholine		101-68-8
	N,N'-diphenyl-p-phenylenediamine		74-31-7	4,4'-diphenylmethane diisocyanate		74-31-7
	discoidin-I		0	N,N'-diphenyl-4-phenylenediamine		0
	discoidins (I & II)		0	discoidins		0
	DNA-binding proteins		0	discoidins		0
	EIF-2		0	#DNA Binding Proteins		0
	encainide		66778-36-7	EIF-2		0
	erythro-9-(2-hydroxy-3-nonyl)adenine		51350-19-7	encainide		37612-13-8
	ethyl apovincamine		42971-09-5	9-(2-hydroxy-3-nonyl)adenine		59262-86-1
	#Ethylidimethylaminopropyl Carbodiimide		0	ethyl apovincamine		42971-12-0
	(ethyl p-(6-guanidinohexanoyloxy)-			#Ethylidimethylaminopropyl Carbodiimide		1892-57-5
	benzoate)methanesulfonate		56974-61-9	(ethyl 4-(6-guanidinohexanoyloxy)-		
	flecainide acetate		54143-56-5	benzoate)methanesulfonate		56974-61-9
	fluorescein isothiocyanate		27072-45-3	flecainide		54143-55-4
	formylmethionyl-leucyl-phenylalanine		59880-97-6	fluorescein-5-isothiocyanate		3326-32-7
	forskolin		66575-29-9	#N-formyl-methionyl-leucyl-phenylalanine		59880-97-6
	fosfestrol		522-40-7	coleanol		66428-89-5
	gamma-linolenic acid		506-26-3	fosfestrol		13425-53-1
	#Glutaminase		EC 3.5.12	gamma-linolenic acid		1686-12-0
	#Glutamyl Transpeptidase		EC 2.3.2.2	#Glutaminase		EC 3.5.1.2
	guanfacine		29110-48-3	#Gamma-Glutamyltransferase		EC 2.3.2.2
	heat shock proteins		0	guanfacine		29110-47-2
	histidine-rich glycoprotein		0	#Heat-Shock Proteins		0
	hydrocortisone acetate		50-03-3	histidine-rich proteins		53187-58-9
	15-hydroperoxyarachidonic acid		61432-87-9	hydrocortisone acetate		21290-17-5
				arachidonic acid peroxide		

	<u>NAME</u>	<u>OLD TERM</u>	<u>Registry Number</u>	<u>NAME</u>	<u>NEW TERM</u>	<u>Registry Number</u>
	12-L-hydroxy-5, 8, 10, 14-eicosatetraenoic acid		55821-52-8	12-hydroxy-5, 8, 10, 14-eicosatetraenoic acid		59985-28-3
	12-L-hydroxy-5, 8, 10-heptadecatrienoic acid		54397-84-1	12-hydroxy-5, 8, 10-heptadecatrienoic acid		50683-78-8
	ICI 35868		2078-54-8	disoprofol		2078-54-8
	#Iproveratril		52-53-9	#Verapamil		52-53-9
	iron carbonyl compounds		0	iron carbonyl compounds		13463-40-6
	ketocyclazocine		36292-69-0	ketazocine		36292-69-0
	medroxyprogesterone 17-acetate		71-58-9	medroxyprogesterone 17-acetate		1172-82-3
	mefloquine		53230-10-7	mefloquine		49752-90-1
	methoxytyramine		29249-00-1	3-methoxytyramine		554-52-9
	methyl-alpha-D-mannopyranoside		617-04-9	methyl D-mannopyranoside		51023-63-3
	midazolam		65607-69-4	midazolam		59467-70-8
	MK 421		75847-73-3	enalapril		75847-73-3
	MK-421		75847-73-3	enalapril		75847-73-3
	monohydroxytamoxifen		65213-48-1	4-hydroxytamoxifen		68392-35-8
	M-proteins (viral)		0	viral matrix proteins		0
	nabilone		51022-71-0	nabilone		56496-90-3
	nicardipine		54527-84-3	nicardipine		55985-32-5
	4-nitrophenyl p'-guanidinobenzoate		21658-26-4	4-nitrophenyl 4'-guanidinobenzoate		21658-26-4
	norethindrone acetate		51-98-9	norethindrone acetate		38673-38-0
	OKY-1581		74427-50-2	OKY 1581		75987-08-5
	platelet derived growth factor		0	?Platelet-Derived Growth Factor		0
	propafenon		54063-53-5	propafenone		54063-53-5
	PVB		82556-04-5	PVB		0
	pyrazidol		16154-78-2	pirindole		60762-57-4
	recA protein		0	#Rec A Protein		0
	rec BC deoxyribonuclease		EC 3.1.4.-	exodeoxyribonuclease V		EC 3.1.11.5
	retinoic acid-binding protein		0	retinoic acid-binding proteins		0
	ribonuclease (pancreatic)		EC 3.1.27.5	#Ribonuclease, Pancreatic		EC 3.1.27.5
	#Ro 10-9359		54350-48-0	#Etrinate		54350-48-0
	saikosaponins		0	saikosaponin		20874-52-6
	silochrome		0	silochrome		60650-90-0
	SK&F 10047		14198-28-8	SK&F 10047		7619-35-4

<u>Name</u>	<u>OLD TERM</u>	<u>Registry Number</u>
sodium bromide		59217-63-9
technetium Tc 99m etidronate		64476-90-0
tetrahydrobiopterin		17528-72-2
tetrahydroisoquinoline		91-21-4
thienamycin		59995-64-1
In3 transposase		EC 2.7.7.-
2-p-toluidino-6-naphthalenesulfonic acid		7724-15-4
trans-benzopyrene 7,8-dihydrodiol		61443-57-0
#Trapymin		15421-84-8
trenbolone acetate		10161-34-9
trimazosin		35795-17-6
triphenyltetrazolium chloride		298-96-4
Trp-p-1		62450-06-0
ubisemiquinone		27696-12-4
UK-37,248-01		74226-22-5
viral T antigens		0
vitamin E acetate		58-95-7
W-7		61714-27-0

<u>Name</u>	<u>NEW TERM</u>	<u>Registry Number</u>
sodium bromide		7647-15-6
technetium Tc 99m etidronate		63347-65-9
5,6,7,8-tetrahydrobiopterin		17528-72-2
1,2,3,4-tetrahydroisoquinoline		91-21-4
thienamycin		64090-99-9
transposase		EC 2.7.7.-
2-(4-toluidino)-6-naphthalenesulfonic acid		7724-15-4
benzopyrene 7,8-dihydrodiol		13345-25-0
#Trapidil		15421-84-8
trenbolone acetate		49707-37-1
trimazosin		35795-16-5
triphenyltetrazolium		902-00-1
Trp-P-1		62450-06-0
coenzyme Q10		303-98-0
dazoxiben		78218-09-4
#Antigens, Viral, Tumor		0
vitamin E acetate		7695-91-2
W-7		65595-90-6

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DELETED TERMS

<u>Name</u>	<u>OLD TERM</u>
ADP, ATP translocator protein antigen, Lyt-1	0
clomiphene citrate	50-41-9
Formaldehyde (MH)	50-00-0
hemoglobin A(1)	9062-63-9
Methoxydimethyltryptamine (MH)	1019-45-0

<u>Name</u>	<u>NEW TERMS</u>
Adenine Nucleotide Translocase (MH)	EC 2.7.7.-
Antigens, Ly (MH)	-
Clomiphene (MH)	911-45-5
Formaldehyde (MH)	-
Hemoglobin A, Glycosylated (MH)	-
Methoxydimethyltryptamines (MH)	-

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NEW SEARCH ELEMENT IN BIOETHICSLINE  
 Tamar Joy Kahn, Sr. Bibliographer  
 Kennedy Institute of Ethics, Georgetown University

A new data element, Subject Captions (SC), is now available for searching in the BIOETHICS file. The SC element is designed to facilitate current awareness/SDI searches of BIOETHICS updates through the use of two-letter codes to retrieve citations that represent either broad subject areas or general approaches to the study of bioethical issues.

CONTENTS OF THE SUBJECT CAPTIONS DATA ELEMENT

The SC data element in new BIOETHICS records contains one or more two-letter codes which are assigned by indexers at the Kennedy Institute of Ethics at Georgetown University where the database is produced. There are currently eleven SC codes in use, and a twelfth is scheduled to be introduced in February.

Eight of the Subject Caption codes represent broad subject areas; one or more of these broad subject codes has been included in every BIOETHICS unit record input since November 1982. Three of the current Subject Caption codes represent general approaches (legal, philosophical, or religious) to the analysis of bioethical issues; these codes, which are assigned to selected unit records as appropriate, first appeared in the December 1983 BIOETHICS update. A fourth general approach code (clinical) will appear for the first time in the February 1984 update. The full list of Subject Caption codes is as follows:

<u>Broad Subject Area Represented</u>	<u>Code to be Searched (SC)</u>
Bioethics and Professional Ethics Includes bioethics in general, medical ethics, nursing ethics, and professional ethics (of other health professions)	BE
Biomedical and Behavioral Research Includes behavioral research and biomedical research in general, human experimentation, and recombinant DNA research	BR
Death, Euthanasia, and the Prolongation of Life Includes allowing to die (passive euthanasia), capital punishment (health professional's role), determination of death, euthanasia (active), resuscitation, and terminal care	DE
Genetics, Reproduction and Abortion Includes abortion, artificial insemination, cloning, eugenics, gene therapy, genetic counseling and screening, in vitro fertilization, and prenatal diagnosis	GR

Health Care and Health Care Policy Includes biomedical technologies, blood donation, health care delivery, immunization, organ donation and transplantation, and resource allocation	HP
Mental Health Therapies & Behavior Control Includes behavior control in general, electroconvulsive therapy, involuntary commitment, and psychosurgery	MH
Professional Patient Relationship Includes the professional patient relationship in general, confidentiality, disclosure (truth-telling), informed consent, right to treatment, and treatment refusal	PP
Miscellaneous Includes such topics as biological and nuclear warfare (health professional's role), force feeding, sociobiology, and torture.	XX
<u>General Approach Represented</u>	<u>Code to be Searched (SC)</u>
Clinical Approach (February 1984) Indicates that the document cited is from a clinical journal or textbook; or that it is directed at the clinician (physician, nurse, or other health practitioner) and discusses the direct impact of an ethical or legal issue on clinical practice	CL
Legal Approach Indicates that the document cited is a court decision, a bill, or a law; or that it discusses legal rights, legal liability, legislation, government regulation, or other legal issues	LE
Philosophical Approach Indicates that the document cited includes discussion of philosophical theories or principles of ethics; or that it applies the concepts of moral philosophy to the analysis of a bioethical issue	PH
Religious Approach Indicates that the document cited discusses a bioethical issue from the standpoint of a particular religious tradition	RE

HOW TO USE SUBJECT CAPTIONS IN SEARCHING

Subject Captions are directly searchable and print in the PRINT DETAILED format after the Keywords. The eight subject-area SC codes can be conceptualized as providing an "explode" type of search capability for broad categories of topics. The four approach-oriented SC codes can be seen as providing a "subheading" type of search capability.

Searching with General Area of Interest Subject Captions

The most immediate use anticipated for the Subject Caption data element is as a device for quickly ascertaining what documents have recently been added to the BIOETHICS file in a general area of interest. To accomplish this, the searcher would combine the appropriate Subject Caption with the latest BIOETHICS update Entry Month, or with a range of Entry Months or of the Unique Identifiers (UI) assigned to BIOETHICS records.

For example, a searcher interested in finding out what was added to the BIOETHICS file in October 1983 in the broad area of "Death, Euthanasia, and the Prolongation of Life" could use the search strategy:

8310 (EM) AND DE (SC)

to retrieve 38 citations. These citations would reflect the unusual diversity of publication types and sources of documents that are represented in the multidisciplinary BIOETHICS file. As the following examples indicate, they would include materials found in medical, law, and general university libraries. Author (AU) or Corporate Name (CN) fields are given in examples throughout only when necessary to clarify the Source (SO) information. [See note on locating documents at end of article.]

- TI - DISCONNECTING THE BABY DOE HOTLINE.
- SO - HASTINGS CENTER REPORT. 1983 JUN; 13(3): 14-16.
  
- TI - INFANT DEATH: LIFE AND DEATH IN NEWBORN SPECIAL CARE UNITS.
- SO - UNPUBLISHED REPORT: ISSUED BY CONNECTICUT STATE DEPARTMENT OF HEALTH SERVICES, BUREAU OF HEALTH SYSTEM REGULATION; 1982 MAR. 23 P.
  
- TI - DEATH: MULTIPLE DEFINITIONS OR A SINGLE STANDARD?
- SO - SOUTHERN CALIFORNIA LAW REVIEW. 1981 SEP; 54(6): 1323-1355.
  
- TI - LEGAL REGULATION OF MEDICAL PRACTICE--DECISIONS OF LIFE AND DEATH: A DISCUSSION PAPER.
- SO - JOURNAL OF THE ROYAL SOCIETY OF MEDICINE. 1982 MAY; 75(5): 351-355.
  
- TI - RIGHT TO NATURAL DEATH; BRAIN DEATH.
- SO - NORTH CAROLINA GENERAL STATUTES. 1979 CUMULATIVE SUPPLEMENT. SECTIONS 90-320 TO 90-323, AS AMENDED 1979. 5 P.
  
- CN - PRESIDENT'S COMMISSION FOR THE STUDY OF ETHICAL PROBLEMS  
IN MEDICINE AND BIOMEDICAL AND BEHAVIORAL RESEARCH
- TI - DECIDING TO FOREGO LIFE-SUSTAINING TREATMENT: A REPORT ON THE ETHICAL,  
MEDICAL, AND LEGAL ISSUES IN TREATMENT DECISIONS.
- SO - WASHINGTON, D.C.: THE COMMISSION; 1983 MAR. 554 P.
  
- TI - ETHICS AND THE CARE OF THE CHILD WITH TERMINAL ILLNESS.
- SO - IN: MILUNSKY, AUBREY, ED. COPING WITH CRISIS AND HANDICAP. NEW YORK:  
PLENUM; 1981: 163-175.

Searching with General Approach Subject Captions

Someone looking for materials on bioethical issues for instructional purposes, or someone with a scholarly interest in the field of bioethics, could search for new records added in December 1983 that include some philosophical analysis by using:

8312 (EM) AND PH (SC)

to retrieve citations such as the following:

- TI - ETHICAL DECISIONS IN MEDICINE. SECOND EDITION.
- SO - BOSTON: LITTLE, BROWN; 1981. 421 P.
  
- TI - MRS. X AND THE BONE MARROW TRANSPLANT. [CASE STUDY AND COMMENTARIES].
- SO - HASTINGS CENTER REPORT. 1983 JUN; 13(3): 17-19.
  
- TI - PATERNALISM VERSUS AUTONOMY: MEDICAL OPINION AND ETHICAL QUESTIONS IN THE TREATMENT OF DEFECTIVE NEONATES.
- SO - JOURNAL OF MEDICAL ETHICS. 1983 MAR; 9(1): 16-17.
  
- TI - PEDIATRIC DRUG INVESTIGATION: CURRENT ETHICAL GUIDELINES.
- SO - IN: MIRKIN, BERNARD L., ED. CLINICAL PHARMACOLOGY AND THERAPEUTICS: A PEDIATRIC PERSPECTIVE. CHICAGO: YEAR BOOK MEDICAL PUBLISHERS; 1978: 279-297.

Searching with Both Types of Subject Captions

It is also possible to combine two Subject Caption codes to focus on both a broad subject area and a method of approach. For example:

8312 (EM) AND GR (SC) AND RE (SC)

will retrieve religiously-oriented discussions of topics related to "Genetics, Reproduction, and Abortion," such as:

- TI - CHURCHES EXAMINE GENETIC RESEARCH. [NEWS].
- SO - NEW YORK TIMES. 1982 NOV 14: 39.
  
- CN - ROMAN CATHOLIC/PRESBYTERIAN-REFORMED CONSULTATION
- TI - THE STATEMENT ON ABORTION, [WITH] ROMAN CATHOLIC COMMENTARY [AND] REFORMED COMMENTARY.
- SO - IN: their ETHICS AND THE SEARCH FOR CHRISTIAN UNITY. WASHINGTON, D.C.: UNITED STATES CATHOLIC CONFERENCE; 1981: 13-30.
  
- TI - LEGALISED ABORTION: THE CONTINUING DILEMMA.
- SO - LONDON: CHRISTIAN MEDICAL FELLOWSHIP PUBLICATIONS; 1979 APR. 32 P.
  
- TI - SPARE EMBRYOS: A JEWISH VIEW. [LETTER].
- SO - HASTINGS CENTER REPORT. 1983 APR; 13(2): 49.

In the preceding example, the Subject Caption code RE serves as a substitute for the asterisked version of many specific religiously-oriented indexing terms, or Keywords (KW), including "Christian ethics," "Eastern Orthodox ethics,"

"Islamic ethics," "Jewish ethics," "Protestant ethics," and "Roman Catholic ethics." [Reminder: the RE Subject Caption does not exist in records input prior to Entry Month 8312.]

Searching with a Combination of Subject Captions and Keywords

Subject Captions may be used in conjunction with Keywords to find a specific topic addressed from a particular point of view. For example, the search strategy:

SS 1 /C?  
 USER:  
 (KW) \*INFORMED CONSENT OR \*PARENTAL CONSENT OR  
 \*SPOUSAL CONSENT OR \*THIRD PARTY CONSENT

SS 2 /C?  
 USER:  
 1 AND 8312 (EM) AND LE (SC)

would retrieve legally-oriented citations on issues related to informed consent in the December 1983 BIOETHICS update:

- TI - INFORMED CONSENT: WHAT DOES IT MEAN?
- SO - JOURNAL OF MEDICAL ETHICS. 1983 JUN; 9(2): 69-75.
  
- TI - A UNIFORM STATE LAW FOR CONSENT TO MEDICAL CARE. [NEWS].
- SO - HASTINGS CENTER REPORT. 1983 JUN; 13(3): 3.
  
- AU - MARSHALL, T. DAVID
- TI - CONSENT.
- SO - IN: his THE PHYSICIAN AND CANADIAN LAW. SECOND EDITION. TORONTO: CARSWELL; 1979: 33-51.
  
- TI - THE LEGAL DILEMMA OF MINOR SIBLING KIDNEY DONATION.
- SO - ALABAMA JOURNAL OF MEDICAL SCIENCES. 1982 JUL; 19(3): 309-312.
  
- TI - CONSENT TO MEDICAL TREATMENT FOR CERTAIN PERSONS.
- SO - VIRGINIA CODE. 1982 CUMULATIVE SUPPLEMENT. 1982. SECTION 37.1-134.2, AS AMENDED 1982. 2 P.

Keywords still provide the primary means of subject access to the BIOETHICS file. They are used in the same way as MeSH Headings, except that Keywords must be searched with the qualifier (KW). Keywords other than proper names are selected from a 600-term controlled vocabulary, the Bioethics Thesaurus, which can be ordered for \$5.00, prepaid, from the Bioethics Information Retrieval Project at the Kennedy Institute of Ethics. Approximately 75% of the Keywords map to MeSH Headings (either equivalent or broader in concept) allowing for searching with MeSH Headings. However, searching with Keywords generally results in both more precise and more complete retrieval.

For further information on Subject Captions or on other ways of searching BIOETHICSLINE, call MEDLARS Management, or contact the Bioethics Information Retrieval Project, Kennedy Institute of Ethics, Georgetown University, Washington, DC 20057 (telephone: 202/625-2371). The Bioethics Library at the Kennedy Institute of Ethics will provide assistance in locating documents and will furnish single copies of hard-to-find documents at \$.10 per page.

\*\*\*\*\*

REDUCING THE RISK OF OFFSEARCH PURGES  
Jane L. Rosov, MEDLARS Management Section, NLM

NLM generates approximately 500 OFFSEARCHes each night. More than 99% are run to completion without any problems. The few OFFSEARCHes that are purged usually exceed either the processing time limit or the stringsearch limit. As a result of such purges, searchers experience a loss of both time (turn-around time is increased by two to five or more days) and money (having wasted the connect time used to enter the search). Some points are presented below which may assist searchers in designing their search strategies to reduce even further the risk of OFFSEARCH purges.

1. Processing (work) time limit - It is rare for a search to exceed the work limitation, which is four minutes of CPU/disk access time. When this does occur, it is usually caused by the use of large explosions and terms with large retrieval, such as HUMAN and ENG (LA). Note that four minutes of CPU/disk access time during offline processing is equivalent to approximately three hours of online connect time!

Specifically, first-level explosions such as C4, D8, F3, are sometimes too large to be performed successfully in the allowable four minutes against six files in an OFFSEARCH. Always remember to use Pre-explosions when available. A list of Pre-explosions was provided with the October 1983 NLM Technical Bulletin. For example, enter:

NEOPLASMS (PX) or \*NEOPLASMS (PX)

Not: EXPLODE NEOPLASMS

Much more processing time is used with very highly posted items such as HUMAN, ENG (LA), ANIMAL, etc., when they are used redundantly. For example, the following search uses unnecessary search time due to the combination of HUMAN and ENG (LA) with multiple terms:

SS 1 - EXP PSYCHOTROPIC DRUGS AND HUMAN AND ENG (LA)  
 SS 2 - EXP NARCOTICS AND HUMAN AND ENG (LA)  
 SS 3 - EXP HISTAMINE ANTAGONISTS AND HUMAN AND ENG (LA)  
 SS 4 - EXP BRAIN DISEASES AND HUMAN AND ENG (LA)  
 SS 5 - 1 OR 2 OR 3  
 SS 6 - 4 AND 5

Using the terms HUMAN and ENG (LA) once in the last search statement accomplishes the purpose in much less processing time, i.e.:

SS 1 - EXP PSYCHOTROPIC DRUGS OR EXP NARCOTICS OR  
 EXP HISTAMINE ANTAGONISTS  
 SS 2 - EXP BRAIN DISEASES  
 SS 3 - 1 AND 2 AND HUMAN AND ENG (LA)

2. Stringsearch (TS) limit - During an OFFSEARCH, the computer will not stringsearch any set of 3000 or more postings. Stringsearching (TS) uses more machine resources than any other function in ELHILL. In executing this function, the machine is forced to examine each citation individually and look for the requested character string(s). Even if the limit of 3000 citations per stringsearch has not been exceeded, the system may spend so much time performing the stringsearch that it exceeds the processing time limit. The following two principles, if used, will help reduce the chance of a purge: 1) NEVER stringsearch in OFFSEARCH for a concept that may be searched directly, such as ENG (LA) or HUMAN; 2) ALWAYS attempt to limit retrieval as much as possible BEFORE using stringsearch. For example, to find the phrase FAILURE TO THRIVE in titles or in abstracts, first retrieve the text words FAILURE and THRIVE, and then stringsearch the phrase, i.e.,

```
SS1/C?
USER:
(tw) failure and thrive
PROG:
SS (1) PSTG (80)
```

```
SS 2/C?
USER:
ts (ti) : failure to thrive : or : failure to thrive : (ab)
PROG:
(64) SCHED (60) QUAL; CONT? (Y/N)
```

```
USER:
Y
PROG:
SS (2) PSTG (74)
```

Do not perform a search composed of only MeSH terms and then stringsearch for the existence of a particular word or phrase; always search for those specific words directly by using text words first.

By following the guidelines above, it is hoped that users will design more efficient search strategies and that the number of OFFSEARCH purges will be reduced even further.

\*\*\*\*\*

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT - DECEMBER 1983  
Serial Records, Technical Services Division, NLM

The following substantive serial titles were received or ordered by the Serial Records Section. IM to the left of the title indicates that the title appears in Index Medicus. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

- |   |   |
|---|---|
| <p>IM ACTA MEDICA HUNGARICA<br/>40N1,1983--<br/>AKADEMIAI KIADO<br/>SPINE TITLE: ACTA MEDICA. ISSUED BY THE<br/>HUNGARIAN ACADEMY OF SCIENCES. CONTINUES:<br/>ACTA MEDICA ACADEMIAE SCIENTIARUM<br/>HUNGARICAE.<br/>BUDAPEST HUNGARY<br/>W1 AC839J<br/>A06454000</p>                          | <p>CLINICAL DIABETES<br/>1,1983--<br/>AMERICAN DIABETES ASSOCIATION<br/>NEW YORK UNITED STATES<br/>AMERICAN DIABETES ASSOCIATION,2 PARK<br/>AVE,NEW YORK NY 10016<br/>ON ORDER<br/>C25130000<br/>\$15.00</p>                                |
| <p>IM ACTA MICROBIOLOGICA HUNGARICA<br/>30N1,1983--<br/>AKADEMIAI KIADO<br/>SPINE TITLE: ACTA MICROBIOLOGICA. ISSUED<br/>BY THE HUNGARIAN ACADEMY OF SCIENCES.<br/>CONTINUES: ACTA MICROBIOLOGICA ACADEMIAE<br/>SCIENTIARUM HUNGARICAE.<br/>BUDAPEST HUNGARY<br/>W1 AC8625P<br/>A06965000</p> | <p>CLINICS IN ANAESTHESIOLOGY<br/>1,1983--<br/>W.B.SAUNDERS<br/>PHILADELPHIA UNITED STATES<br/>ON ORDER<br/>C27364000<br/>\$48.00</p>   |
| <p>BIOMETRIE IN DER CHEMISCH-PHARMAZEUTISCHEN<br/>INDUSTRIE<br/>1,1983--<br/>GUSTAV FISCHER<br/>STUTTGART GERMANY, WEST<br/>GUSTAV FISCHER VERLAG, WOLLGRASWEG 49,<br/>D-7000 STUTTGART 70, WEST GERMANY<br/>IN PROCESS<br/>B18807000</p>   | <p>DRUG INTERACTIONS UPDATE<br/>1982--<br/>AMERICAN SOCIETY OF HOSPITAL PHARMACISTS<br/>BETHESDA MD UNITED STATES<br/>AMERICAN SOCIETY OF HOSPITAL PHARMACISTS,<br/>4630 MONTGOMERY AVE, BETHESDA MD 20814<br/>IN PROCESS<br/>D20877000</p> |
| <p>BULLETIN / THE SCOTTISH HEALTH EDUCATION<br/>GROUP<br/>1,1983--<br/>SCOTTISH HEALTH EDUCATION GROUP<br/>EDINBURGH SCOTLAND<br/>WOODBURN HOUSE,CANAAN LANE,EDINBURGH EH10<br/>4SG,SCOTLAND<br/>ON ORDER<br/>B53190000</p>   | <p>FETAL MEDICINE<br/>1N1,FALL 1983--<br/>MARY ANN LIEBERT<br/>NEW YORK UNITED STATES<br/>MARY ANN LIEBERT,157 E 86TH ST,NEW YORK NY<br/>10028 (TEL: 212-289-2300)<br/>ON ORDER<br/>F04693000</p>   |
| <p>CERVIX AND THE LOWER FEMALE GENITAL TRACT<br/>1N1,JAN/APR 1983--<br/>SOCIETA MILANESE DI STUDI GINECOLOGICI<br/>MILANO ITALY<br/>SOCIETA MILANESE DI STUDI GINECOLOGICI SRL,<br/>VIA L.B. ALBERTI 10, 20149 MILANO, ITALIA<br/>IN PROCESS<br/>C12845000<br/>\$20.00</p>                    | <p>FORTSCHRITTE DER MEDIZINISCHEN MIKROBIOLOGIE<br/>1,1983--<br/>GUSTAV FISCHER VERLAG<br/>STUTTGART GERMANY, WEST<br/>GUSTAV FISCHER VERLAG,WOLLGRASWEG 49,D-7000<br/>STUTTGART(HOHENHEIM),GERMANY<br/>IN PROCESS<br/>F12305000</p>        |
|   | <p>PHARMACEUTICAL RESEARCH<br/>1N1,NOV 1983--<br/>GEORGE THIEME VERLAG<br/>STUTTGART GERMANY, WEST<br/>ON ORDER<br/>P10510000</p>   |

RADIATION MEDICINE  
1N1, JAN-MAR 1983--  
RADIATION MEDICINE ASSOCIATION  
TOKYO JAPAN  
DEPT. OF RADIOLOGY, FACULTY OF MEDICINE  
UNIVERSITY OF TOKYO, 7-3-1 HONGO,  
BUNKYO-KU, TOKYO 113, JAPAN  
ON ORDER  
R00550000  
\$23.00

SPINAL CORD INJURY  
1, 1983?--  
MARY ANN LIEBERT  
NEW YORK UNITED STATES  
MARY ANN LIEBERT, 157 E 86TH ST, NEW YORK NY  
10028  
ON ORDER  
S35770000

SPORT HEALTH  
1N1, MAY/JUN 1983--  
AUSTRALIAN SPORTS MEDICINE FEDERATION  
AUSTRALIA  
ON ORDER  
S36090000

UPDATE, COMPUTERS IN MEDICINE  
1N1, JUL/AUG 1983--  
MEDICAL MARKET COMMUNICATIONS  
LAWRENCEVILLE NJ UNITED STATES  
MEDICAL MARKET COMMUNICATIONS INC, P.O. BOX  
2156, PRINCETON NJ 08540  
IN PROCESS  
U04082000  
\$24.00

\*\*\*\*\*

Database Update Frequency

APPENDIX A

AVLINE - weekly  
 BIOETHICSLINE - quarterly  
 CANCERLIT - monthly  
 CANCERPROJ - quarterly  
 CATLINE - weekly  
 CHEMLINE - bimonthly  
 CLINPROT - monthly  
 DIRLINE - quarterly  
 EXPRESS - monthly  
 HEALTH PLANNING & ADMINISTRATION - monthly  
 HISTLINE - quarterly  
 MEDLINE - monthly  
 MED80 - open  
 MED77 - closed  
 MED75 - closed  
 MED71 - closed  
 MED66 - closed  
 MESH VOCABULARY FILE - annual (MeSH), twice a week (chemical records)  
 NAME AUTHORITY FILE - biweekly  
 PDQ - monthly  
 PDQ/DIRECTORY - monthly  
 POPLINE - monthly  
 RTECS - quarterly  
 SDILINE - monthly  
 SERLINE - monthly  
 TDB - quarterly  
 TOXLINE - monthly  
 TOXBACK74 - data retired to TOXBACK74 from TOXLINE,  
 as necessary  
 TOXBACK65 - data retired to TOXBACK65 from TOXLINE,  
 as necessary

# THE NLM TECHNICAL BULLETIN

## REGULAR ITEMS

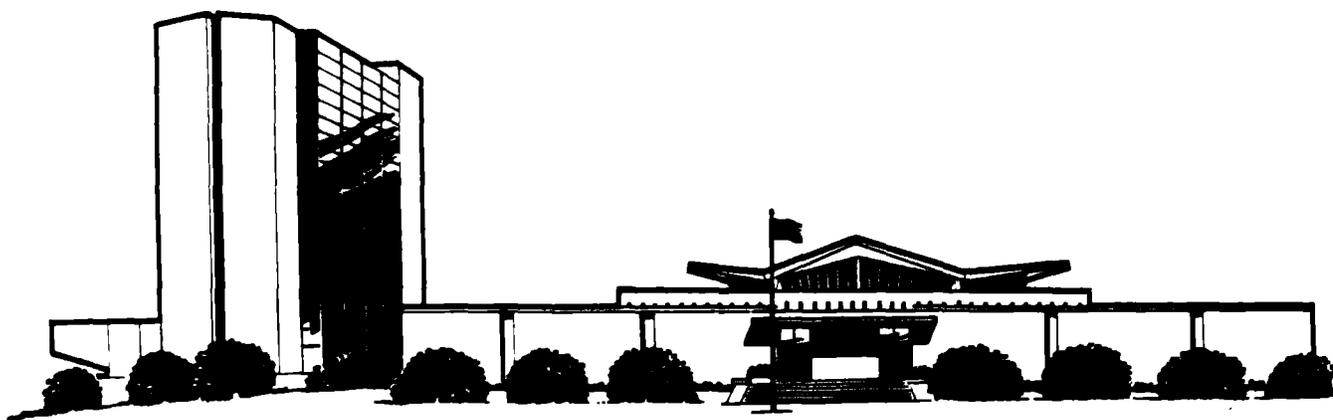
- 2 Files
- 3 Technical Notes
- 12 New Serials and Title Changes Announcements -  
January 1984

## ARTICLES & FEATURES

- 4 File INFORM - A New Way to Retrieve Information
- 5 HISTLINE: Five Years Old and Ready for Changes
- 6 1984 Regeneration of AVLINE and CATLINE
- 10 1984 Regeneration of the NAF
- 11 DIRLINE Data Element Change

Appendix A: Date of Entry (DA) Ranges for  
INDEX MEDICUS Years

Appendix B: Phones List



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DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,251	THROUGH 1984	16 FEB 84	
BIOETHICS	15,452	JAN 73-JUN 83	16 JAN 84	8312(EM)
CANCERLIT	391,139	JAN 63-FEB 84	06 FEB 84	8402(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	512,946	THROUGH 1984	21 FEB 84	
CHEMLINE	591,922		09 JAN 84	8312(EM)
CLINPROT	4,164		21 FEB 84	8401(EM)
DIRLINE	13,245		13 FEB 84	
EXPRESS	6,457	NOV 83-FEB 84	06 FEB 84	8402(EM)
HEALTH	269,471	JAN 75-MAR 84	13 FEB 84	8403(EM)
HISTLINE	59,626		16 FEB 84	8401(EM)
MEDLINE	497,403	JAN 82-MAR 84	06 FEB 84	8403(EM)
MED80	529,296	JAN 80-DEC 81	13 FEB 84	
MED77	775,206	JAN 77-DEC 79	30 JAN 84	
MED75	642,721	JAN 75-DEC 76	13 FEB 84	
MED71	884,025	JAN 71-DEC 74	12 DEC 83	
MED66	954,760	JAN 66-DEC 70	12 DEC 83	
MESH VOC	49,263	1984	21 FEB 84	
NAME AUTH	156,423		21 FEB 84	
PDQ	987		01 FEB 84	8401(EM)
PDQ/DIRECTORY	11,224	JAN 84	23 JAN 84	8401(EM)
POPLINE	120,553	1970-FEB 84	13 FEB 84	8402(EM)
RTECS	64,919	THROUGH OCT 83	19 DEC 83	
SDILINE	26,420	MAR 84	06 FEB 84	
SERLINE	42,070	1984	27 DEC 83	
TDB	4,117		27 DEC 83	
TOXLINE	692,904		23 JAN 84	8401(EM)
CBAC	355,443	1979-VOL 100(01)		
TOXBIB	124,824	1979-FEB 84		
IPA (ASHP)	28,856	1979-VOL 20(21-23)		
HEEP	56,049	1979-VOL 13(1,2)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	18,627	GRA & I 82(25)-83(22,23)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
 Assistant Editor: Rose Marie Woodsmall  
 Technical Notes Editor: Patricia E. Healy  
 Production Assistant: Mildred D. Mader  
 301/496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

CHANGES TO 1984 TRAINING SCHEDULE - The following changes have been made to the 1984 Training Schedule published with the September 1983 Technical Bulletin, page 13:

<u>DATE</u>	<u>COURSE</u>	<u>LOCATION</u>
September 10-14, 1984 (This was previously listed as an Advanced Class.)	Initial	NLM
October 1-5, 1984 (Addition to the schedule.)	Advanced	NLM

Please annotate the Schedule to reflect these changes.

MeSH VOCABULARY FILE BACKFILE POSTINGS - MeSH VOCABULARY FILE backfile postings have been changed to reflect the correct number of asterisked and non-asterisked postings for each MeSH Heading in the MED66 (M66), MED71 (M71), MED75 (M75), MED77 (M77), and MED80 (M80) files.

POPLINE UPDATED WITH 1984 MeSH - Effective February 6, 1984, the POPLINE database was class-maintained with 1984 MeSH Vocabulary. Searchers who use MeSH to search POPLINE may now use 1984 terms.

PRE-EXPLOSIONS FOR 1985 MeSH VOCABULARY - Users are invited to suggest Pre-explosions for the 1985 MeSH Vocabulary. Please call or write the MEDLARS Management Section with ideas before April 2, 1984.

ERROR REPORT SUBMISSIONS - When submitting a printout with a citation error to MEDLARS Management, please include as part of the print parameters the Unique Identifier (UI). This data element is most useful to MMS in locating the citation in the database. The database from which the citation was obtained should also be included, as well as the date the search was performed and any other information useful in investigating the problem.

INDEXING MANUAL PART II - The MEDLARS Indexing Manual, Part II (PB84-104280) was announced in the November 1983 Technical Bulletin, page 5, with a 1984 publication date. This publication reflects 1984 indexing policy. It was issued, however, by NTIS, with a 1983 publication date.

CLINPROT/PDQ INDEX TERM LISTING - The Clinprot Index Term Listing for February 1984 is now available. The Cancer Types, Disease Parameters, Body Sites and Therapy Modalities listed on the first four pages are the index terms used for the PDQ database. This listing may be requested by writing either MMS or the International Cancer Research Data Bank Program, R. A. Bloch Building, Bethesda, Maryland 20205.

- MEDLINE DATE OF ENTRY RANGES - Appendix A is a list of the Date of Entry (DA) Ranges for MEDLINE and its backfiles.
- PHONES LIST - A list of available telephone numbers used to access the NLM computer is enclosed as Appendix B. As indicated in the legend at the beginning of the list, 2400 bps (bits per second, or baud) access has been added; however, it is available in only a few cities as indicated in the list.

\*\*\*\*\*

#### FILE INFORM -- A NEW WAY TO RETRIEVE INFORMATION

A new file called INFORM will be available on March 1, 1984. The file may be used to retrieve system information rather than citations. No charge will be made for character transmission. The primary uses of the file will be to access and read the online NEWS and to see any of the online EXPLAINS.

INFORM was created expressly to encourage the use of informational commands such as NEWS and EXPLAINS that produce a large volume of characters. We expect the price under the online algorithm to be at least 50% less than the charge for viewing the NEWS or an EXPLAIN from the MEDLINE file.

To use the file, enter FILE INFORM or FILE INFO after any USER: prompt. Then proceed to request the NEWS as you would in any other database. Please note that INFORM is not a "true" database; therefore, search formulations for later use (e.g., OFFSEARCH, STORESEARCH, and SAVESEARCH) will not work if constructed in INFORM.

Examples:

SS 1 /C?  
USER:

FILE INFO

PROG:  
YOU ARE NOW CONNECTED TO THE  
INFORM FILE.

SS 1 /C?  
USER:

NEWS

SS 1 /C?  
USER:

FILE INFO

PROG:  
YOU ARE NOW CONNECTED TO THE  
INFORM FILE.

SS 1 /C?  
USER:

EXPLAIN CATLINE

Now that searchers can access the NEWS at a reduced rate, we are hopeful that more will take the opportunity to ask for it routinely. MMS staff tries to place important items in the online NEWS; items generally do not remain there for more than one week.

**HISTLINE: Five Years Old and Ready for Changes**  
**James J. Kopp, History of Medicine Division, NLM**

After five years of availability as an online file within the family of MEDLARS databases, HISTLINE, the specialized file in the history of medicine, is ready for some changes. These changes, which it is hoped will provide easier and more complete searching of the file, are to a large part up to you, the user, or perhaps you, the non-user. Your assistance is sought in providing suggestions for needed modifications to the file; in its content, in its searchability, or in any other way you may feel is required.

HISTLINE first became available to online users in October 1978. At that time the database contained about 37,000 citations to literature published primarily between 1970 and 1978. As stated in the September 1978 NLM News announcing this file, "The scope of HISTLINE includes the history of medicine and related sciences, professions, individuals, institutions, drugs, and diseases of all periods and areas."

HISTLINE is the online counterpart of the Bibliography of the History of Medicine, an annual publication of the NLM, cumulated quinquennially. HISTLINE was created primarily in the mid-1970s to provide an automated method of producing the published tool and was first used in the production of the second cumulative number of the Bibliography (Number 10 in the series) which covered the years 1970-1974. Because of this, the online file includes only those citations input since 1970.

The database contains references to current monographs, journal articles, symposia, congresses, and similar composite publications, with the majority of citations (approximately 75%) being to journal articles. Many of the journal citations are pulled from MEDLINE, but of the more than 5000 journal titles represented in HISTLINE a substantial number do not appear in MEDLINE or any other online retrieval file. (It is important to note that because of this fact, not all citations in HISTLINE are to journals housed at the National Library of Medicine or even included in the SERLINE database. For this reason, the user should check SERLINE and other holdings tools to determine if NLM owns the title before making an ILL request.) Other sources of citations for HISTLINE include CATLINE, other abstracting and indexing sources, and the authors of publications who submit items for possible inclusion in the database.

HISTLINE can be searched by utilizing controlled vocabulary terms (KEYWORDS) developed especially for the Bibliography of the History of Medicine. Many of these terms are derived from MeSH although several additional terms are used for concepts of a specific historical nature. Copies of "A Guide to Keywords in the Structured HISTLINE Vocabulary" are available from the MEDLARS Management Section, NLM. Textword searching can be done on the title and author fields. Other searchable data elements include author, added entry, collective biography, and journal title abbreviation. A particular strength of the file is the biographical content of the citations included. The database contains over 21,000 citations to publications on individuals, ranging from Hippocrates to Florence Nightingale. Searching the database by Personal Name As Subject provides citations to biographical entries.

HISTLINE now contains over 60,000 records. Since its inception the database has grown at a rate of approximately 4,500 records a year. Due to an increased effort at comprehensiveness, and a conviction by staff that the database will be more useful if larger, the file has been growing since July 1983 at a rate of 600 records per month. Beginning in January 1984 the file will be updated monthly to provide more timely access to these records.

It is hoped that these enhancements are only the beginning of a series of helpful changes in this specialized database. If you wish to provide input into the modification of HISTLINE, please direct your comments to:

James J. Kopp  
 Editor, Bibliography of the (Telephone: 301/496-5963)  
History of Medicine/HISTLINE  
 History of Medicine Division  
 National Library of Medicine  
 Bethesda, MD 20209

Two articles related to HISTLINE and the online searching of historical databases are:

Bruce NG: Searching the history of the health sciences. Med Ref  
 Serv Q 1982 Fall;1(3):13-35  
 Skinner RE: Searching the history of science online. Database  
 1983 Jun:54-61.

\*\*\*\*\*

1984 REGENERATION OF AVLINE AND CATLINE  
 Carolyn N. Davis, Cataloging Section, NLM

Each year the CATLINE and AVLINE files are modified to accommodate new elements, data changes, and search capabilities at the same time these files are class maintained with the most current MeSH heading replacements. Below is a description of the changes implemented in the recent 1984 regeneration. An asterisk (\*) denotes that the change or capability described applies to AVLINE as well as CATLINE.

NEW ELEMENTS

\*1. Language (Primary) (LP)

The languages of multi-language works are entered on CATLINE as repeating occurrences of the Language field (LA). Language codes in the LA field are now input in the order of predominance if that can be determined. Since it is not possible to specify a repeat of a multiply-occurring element in an Elhill search, the primary language cannot be directly retrieved from the LA field. A new element has been created for the primary language. The same three-letter language code in the first repeat of the LA field will appear in the Language (Primary) (LP) field which is directly searchable. The LP will print before the LA field in the PRINT FULL and PRINT DETAILED options.

- EXAMPLE:           LP   Eng  
                       LA   Eng  
                       LA   Fre  
                       LA   Ger

2. Superintendent of Documents Classification Number (SDC)  
 The Superintendent of Documents classification number (SUDOCS number) is a unique classification number assigned for government documents by the U.S. Government Printing Office. Whenever available, NLM will add the SUDOCS number to the SDC field of newly cataloged documents. The SUDOCS number in the SDC field is directly searchable and will print after the ISSN field (IS) of a serial or the ISBN field (BN) of a monograph in all CATLINE print options.

EXAMPLE: SDC Y 4.P 96/10:N 81

CHANGES TO EXISTING ELEMENTS

1. Abstracting and Indexing Tag (AI)  
 A new searchable value of MRB has been added to the Abstracting and Indexing Tag to identify cataloging records for works selected by NLM as Medical Reference Works (MRBs). Annotated catalog records for Medical Reference Works were formerly identified in CATLINE and NLM publications by the MeSH heading REFERENCE BOOKS, MEDICAL. However, since the items were not about "Reference Books, Medical," the addition of this MeSH term was misleading. It has been deleted from the records for MRBs and replaced by the searchable tag MRB in the AI field. Beginning in 1984, catalog records for monographic and serial works flagged with MRB will be published in a new section of the NLM Current Catalog entitled "Medical Reference Works."

2. Personal Name (PN) and Personal Name as Subject (PS)

Data in the fifth subelement of the Personal Name (PN) field and Personal Name as Subject (PS) showing relationship of the name to the work, e.g. "ed." for editor, "trans." for translator, is being deleted from the PN and PS fields. This information is no longer being added to access points under NLM's implementation of AACR2 cataloging rules. The deletion of the relator subfield on older CATLINE records will eliminate multi-meaning messages caused by the presence of data in the relator subfield of personal name headings.

3. Holdings (HO)

The Holdings field has been modified to accommodate copy information and accession numbers for History of Medicine (HMD) records in CATLINE. The field is now divided into two subfields. The first subfield contains copy level information, and the second subfield contains the HMD accession number, if applicable. The second subfield is directly searchable, and will be used primarily for NLM's internal processing.

EXAMPLE: HO Copy 1:79534

- \*4. Language (LA) and Language of Summaries (LS)

The number of allowable occurrences of the Language (LA) and Language of Summaries (LS) fields has been increased to six to make them compatible with coding requirements for USMARC formats. For multi-language works, the languages will be input in the LA and LS fields in the following order: 1) order of predominance, or 2) alphabetic order if there is no predominance. The language given in the first occurrence of the LA field will be repeated in the Language (Primary) (LP) field described above.

\*5. MARC Tags (MA)

Two new values have been added to the MARC Indicators used in CATLINE.

- H - Publisher is Issuing Body in Added Entry
- P - Periodical

These added values will permit more explicit coding for NLM serials converted to the USMARC format for CONSER distribution. This field is now available for AVLINE records also.

6. Status (ST)

The Status field, added to CATLINE records in 1980 to identify types of records from NLM's Retrospective Conversion Project, such as "N" for nonroman records that were not fully transliterated, has been made directly searchable and two new values added. The searchable values of the ST field are:

- N - For nonroman records not fully transliterated in NLM's Retrospective Conversion
- S - For "brief-cataloging" serial records added to CATLINE in Retrospective Conversion
- O - For cataloging records input directly to CATLINE utilizing cataloging copy from other sources, such as OCLC or the Library of Congress. All such copy input from other sources will be given Limited Cataloging treatment with an Encoding Level (EL) of L.

NEW SEARCH CAPABILITIES

\*1. Language (LA)

To facilitate the exclusion of non-English language items in searching CATLINE or AVLINE, the value FOR for foreign may be used to directly locate records that do not contain the value ENG for English in any occurrence of the Language (LA) field.

\*2. Series (SE, CE, PE)

All series fields are now Text Word searchable in both the print version (first subfield) and non-numeric data in the issue number (second subfield). This provides easier access to the DHEW and DHHS publication series, which contain the specific agency initials in the issue number subfield. With this capability, the search hint given in the August 1983 Technical Bulletin article, "Monthly Search Hint: Searching for Series in CATLINE" is no longer applicable.

EXAMPLE: SS 1 (TW) DHEW AND NIH  
 SS 2 TS (SE) :76#1020:

DATA CHANGES

1. Call Number (CA)

The size designations, "q" (quarto) and "f" (folio), that preceded the Table G or cutter portions of call numbers for oversized items have been deleted from the data in the Call Number (CA) field. The presence of the "q" or "f" as characters in the call number data required that they be input in a direct call number search. Since these designators are no longer used to indicate special shelving areas in NLM's collection, they have been deleted from all call numbers in CATLINE.

EXAMPLE: Old Call Number: QS 17 qF762p  
 New Call Number: QS 17 F762p

\*2. Main Heading (MH)

In addition to class maintenance for MeSH headings that were replaced by new main headings from the 1984 MeSH, several other subject heading changes were made to data in the MH field. Many of these changes involved replacing previously valid main heading/subheading combinations on Retrospective Conversion records (pre-1965) to the currently used precoordinated main headings.

Deletion:

REFERENCE BOOKS, MEDICAL deleted. (See section on Changes to Existing Elements)

Replacements:

NURSING/HISTORY replaced with HISTORY OF NURSING

MEDICINE/HISTORY replaced with HISTORY OF MEDICINE

DENTISTRY/HISTORY replaced with HISTORY OF DENTISTRY

NURSING/EDUCATION replaced with EDUCATION, NURSING

The form subheading NURSING TEXTS changed to NURSES' INSTRUCTION

3. Series Heading Changes

In series headings beginning with "Germany (Federal Republic, 1949-" that character string was replaced by "Germany (West)"

In series headings beginning with "Medical Research Council (Gt. Brit.)" that character string was replaced by "Medical Research Council (Great Britain)"

1984 REGENERATION OF THE NAF  
Carolyn N. Davis, Cataloging Section, NLM

For the regeneration of the Name Authority File (NAF), one new element has been added and data for some existing elements changed.

NEW ELEMENT

1. Library of Congress Card Number (LC)

The LC field in the NAF contains the unique identifier, or number, of the name or series heading in the Library of Congress' name authority file. Addition of the LC card number to NLM authority records will provide a searchable link between records for the same heading in NLM's NAF and LC's online authority file. The LC field in the NAF is directly searchable.

CHANGES TO EXISTING ELEMENTS

1. Backward Cross References (BX)

All non-printing cross references in authority records in the NAF, i.e., BX fields that contain "0" in the last subelement, have been changed to printing "see" references, i.e., BX fields with "4" in the last subelement. As printing cross references, they are now directly searchable and Text Word searchable.

2. Series Field (SE)

Any trailing semicolons that appeared in the titles of numbered series in the Series Print Version field (SE) have been removed. The semicolon, prescribed punctuation between the series title and the issue number, will be carried in the issue number subfield of numbered series in the bibliographic records rather than in the series title headings in the NAF.

3. Series Treatment Code (SM)

In the printed descriptions of the decoded Series Treatment Codes, the word "made" has been replaced by "traced." For example, the series treatment decision "Made, Classed Separately" now reads as "Traced, Classed Separately." "Traced" is a more commonly recognized cataloging descriptor for headings that are access points.

DIRLINE DATA ELEMENT CHANGE  
 Lillian M. Scanlon, Specialized Information Services, NLM

The next update of DIRLINE will reflect a change in the content of the COUNTRY/ STATE (CY) data element. The National Referral Center (NRC) database, currently the only component in DIRLINE, has adopted the two-character state codes used by the United States Postal Service (USPS). This change has been incorporated into DIRLINE, and the USPS state codes, rather than those listed in the DIRLINE chapter, must be used in searching. (Non-U.S. organizations are searched according to the instructions in Section 26.4.3 of the DIRLINE chapter which was mailed with the December 1983 issue of the Technical Bulletin.)

For example, information resources located in the state of Florida can now be searched using either the full name or the two-character USPS abbreviation, both of which appear in the PRINT version of the record as FLORIDA (FL).

EXAMPLE:

```
SS 2/C?
USER:
1 AND FL (CY)
PROG:
SS (2) PSTG (67)
```

```
SS (3) /C?
USER:
PRINT NA, CY, AD 1
PROG:
```

```
1
NA -FLORIDA ENDOWMENT FOR THE HUMANITIES (FEH)
CY -FLORIDA (FL)
AD -LET 468, UNIVERSITY OF SOUTH FLORIDA, TAMPA, FL 33620 TEL.
(813) 977-4094
```

The same results can be obtained in the above search by substituting the full name of the state in SS 2/C?, that is, FLORIDA. The one exception to this rule is the abbreviation for the state of Oregon. The abbreviation for Oregon (OR) is the same as the boolean operator OR. To get around this problem, disguise the "R" in the abbreviation for Oregon by the use of the pound sign or hash mark (#) in place of the "R" for single-character substitution. Therefore, Oregon can be searched as either OREGON, or O#. However, it is recommended that you use the full name when searching for Oregon, as O# will give you a Multi Meaning message because O# will also retrieve Ohio (OH) and Oklahoma (OK) records. [The pound sign or hash mark (#) is used for single character substitution.]

The above instructions will replace Section 26.4.3 of the DIRLINE chapter. An announcement will be made in the online NEWS as soon as the updated file is available. Replacement pages for the DIRLINE manual will be mailed at a future date.

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT - JANUARY 1984  
 Serial Records, Technical Services Division, NLM

The following substantive serial titles were received or ordered by the Serial Records Section. IM to the left of the title indicates that the title appears in Index Medicus. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

- |  |   |
|--|---|
| <p>IM ANATOMICAL RECORD. SUPPLEMENT<br/>                     1,1983--<br/>                     ALAN R. LISS<br/>                     NEW YORK UNITED STATES<br/>                     IN PROCESS<br/>                     A30075100</p>   | <p>CANADIAN OPERATING ROOM NURSING JOURNAL<br/>                     IN1,FEB 1983--<br/>                     OPERATING ROOM NURSES OF CANADA<br/>                     ONTARIO CANADA<br/>                     OPERATING ROOM NURSING JOURNAL, 6 FOREST<br/>                     LANEWAY SUITE 219, WILLOWDALE ONTARIO M2N<br/>                     5X9, CANADA TEL. (416) 222-2552<br/>                     IN PROCESS<br/>                     C04715000<br/>                     \$12.00</p> |
| <p>ANNUAL REVIEW OF NURSING RESEARCH<br/>                     1,1983--<br/>                     SPRINGER PUBLISHING<br/>                     NEW YORK UNITED STATES<br/>                     SPRINGER PUBLISHING,200 PARK AVE S,NEW YORK<br/>                     NY 10003<br/>                     IN PROCESS<br/>                     A45185000</p>  | <p>JOURNAL OF APPLIED COSMETOLOGY<br/>                     IN1,OTT/DIC 1983--<br/>                     INTERNATIONAL EDIEMME<br/>                     ROME ITALY<br/>                     DR.P. MORGANTI, INTERNATIONAL EDIEMME, VIA<br/>                     F. BERNARDINI 22, 00165 ROME , ITALY<br/>                     IN PROCESS<br/>                     J12850000<br/>                     \$50.00</p>  |
| <p>BIOLOGICAL THERAPY<br/>                     N1,APR 1983--<br/>                     MENACO PUBLISHING COMPANY<br/>                     ALBUQUERQUE NM UNITED STATES<br/>                     MENACO PUBLISHING COMPANY INC, P.O. BOX<br/>                     13677 ALBUQUERQUE NM 87192<br/>                     IN PROCESS<br/>                     B17074000<br/>                     \$10.00</p>   | <p>MANUAL MEDICINE<br/>                     IN1,1983--<br/>                     SPRINGER VERLAG<br/>                     HEIDELBERG GERMANY, WEST<br/>                     SPRINGER-VERLAG BERLIN, TIERGARTENSTR. 17,<br/>                     D6900 HEIDELBERG, GERMANY<br/>                     IN PROCESS<br/>                     M03925000<br/>                     \$46.00</p>  |
| <p>BRITISH JOURNAL OF COGNITIVE PSYCHOTHERAPY<br/>                     1,1983--<br/>                     UNIVERSITY OF ASTON IN BIRMINGHAM<br/>                     BIRMINGHAM, ENG. ENGLAND<br/>                     DR. W. DRYDEN,DEPT OF EDUCATIONAL<br/>                     ENQUIRY,UNIVERSITY OF ASTON IN<br/>                     BIRMINGHAM,GATA GREEN,BIRMINGHAM B4<br/>                     7ET,ENGLAND<br/>                     ON ORDER<br/>                     B34555000</p>   | <p>PHLS MICROBIOLOGY DIGEST<br/>                     IN1,1983--<br/>                     PUBLIC HEALTH LABORATORY SERVICE<br/>                     LONDON ENGLAND<br/>                     PUBLIC HEALTH LABORATORY SERVICE, 61<br/>                     COLINDALE AVE, LONDON NW9 5EQ, ENGLAND<br/>                     IN PROCESS<br/>                     P13233000</p>  |
| <p>CANADIAN JOURNAL OF COMMUNITY MENTAL HEALTH<br/>                     = REVUE CANADIENNE DE SANTE MENTALE<br/>                     COMMUNAUTAIRE<br/>                     IN1,1982--<br/>                     CANADIAN PERIODICAL FOR COMMUNITY STUDIES<br/>                     SYDNEY BC CANADA<br/>                     CANADIAN JOURNAL OF COMMUNITY MENTAL<br/>                     HEALTH, 1364 MCTAVISH RD, R.R. 2, SYDNEY<br/>                     B.C. V8L 3S1 CANADA<br/>                     IN PROCESS<br/>                     C03970000<br/>                     \$30.00</p> | <p>READINGS IN PSYCHIATRY AND NEUROLOGY<br/>                     1,1982?--<br/>                     MEDICINE PUBLISHING<br/>                     OXFORD ENGLAND<br/>                     ON ORDER<br/>                     R05195000</p>  |

APPENDIX A

DATE OF ENTRY (DA) RANGES FOR INDEX MEDICUS YEARS

MED66	1966 - 651113 through 661101
	1967 - 661123 through 671129
	1968 - 671212 through 681111
	1969 - 681117 through 691119
	1970 - 691126 through 701112
MED71	1971 - 701117 through 711117
	1972 - 711130 through 721030
	1973 - 721108 through 731116
	1974 - 731130 through 741119
MED75	1975 - 741205 through 751108
	1976 - 751120 through 761103
MED77	1977 - 761104 through 771031
	1978 - 771101 through 781027
	1979 - 781118 through 791026
MED80	1980 - 791027 through 801027
	1981 - 801028 through 811030
MEDLINE	1982 - 811031 through 821029
	1983 - 821030 through 831028
	1984 - 831029 through

# THE NLM TECHNICAL BULLETIN

## REGULAR ITEMS

- 2 Files
- 3 Technical Notes
- 12 New Serials and Title Changes Announcements -  
February 1984

## ARTICLES & FEATURES

- 4 Introduction to "User-Friendly" PDQ
- 6 SERLINE - Updated Location Data
- 7 Sensible Searching: Limiting to English  
Language Citations



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DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,303	THROUGH 1984	15 MAR 84	
BIOETHICS	15,752	JAN 73-OCT 83	28 FEB 84	8402(EM)
CANCERLIT	394,485	JAN 63-MAR 84	05 MAR 84	8403(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	513,968	THROUGH 1984	15 MAR 84	
CHEMLINE	591,922		09 JAN 84	8312(EM)
CLINPROT	4,164		21 FEB 84	8401(EM)
DIRLINE	13,245		13 FEB 84	
EXPRESS	6,152	NOV 83-MAR 84	15 MAR 84	8403(EM)
HEALTH	272,038	JAN 75-APR 84	12 MAR 84	8404(EM)
HISTLINE	60,224		05 MAR 84	8403(EM)
MEDLINE	521,117	JAN 82-APR 84	05 MAR 84	8404(EM)
MED80	529,269	JAN 80-DEC 81	19 MAR 84	
MED77	775,206	JAN 77-DEC 79	30 JAN 84	
MED75	642,721	JAN 75-DEC 76	13 FEB 84	
MED71	883,989	JAN 71-DEC 74	19 MAR 84	
MED66	954,760	JAN 66-DEC 70	12 DEC 83	
MESH VOC	49,446	1984	19 MAR 84	
NAME AUTH	156,423		21 FEB 84	
PDQ	947		05 MAR 84	8402(EM)
PDQ/DIRECTORY	11,224	JAN 84	23 JAN 84	8401(EM)
POPLINE	121,521	1970-MAR 84	12 MAR 84	8403(EM)
RTECS	66,954	THROUGH JAN 84	19 MAR 84	
SDILINE	23,714	APR 84	05 MAR 84	
SERLINE	42,238	1984	28 FEB 84	
TDB	4,117		27 DEC 83	
TOXLINE	705,262		17 FEB 84	8402(EM)
CBAC	361,296	1979-VOL 100(2,3)		
TOXBIB	127,805	1979-MAR 84		
IPA (ASHP)	30,819	1979-VOL 21(1-4)		
HEEP	57,198	1979-VOL 13(3)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	19,039	GRA & I 82(25)-84(1)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
 Assistant Editor: Rose Marie Woodsmall  
 Technical Notes Editor: Patricia E. Healy  
 Production Assistant: Mildred D. Mader  
 301/496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

CATLINE/  
AVLINE  
REGENERATION  
(Manual 8+, 9+) - CATLINE and AVLINE were regenerated on March 5, 1984 and both files are now searchable with the 1984 MeSH Vocabulary. Please read the article in the February 1984 issue of the NLM Technical Bulletin, page 6, for information about new data elements, changes to existing data elements, new search capabilities, and data changes. Two further notes provide additional information concerning this regeneration.

CATLINE/  
AVLINE  
(Manual 8.5.28  
and 9.5.28) - The place of publication in the first subelement and the publisher name in the second subelement of the IM (Imprint) field are now Text Word searchable. This is another feature of the 1984 CATLINE and AVLINE regenerations. The Text Word Term Generation Rules (Manual 4.7.1) do apply and may affect search strategy. Also, publisher names are taken from the piece with no authority work (i.e., standardization) attempted. Therefore, variations in a publisher's name should be accounted for in search strategies. For example, to retrieve a CATLINE listing of titles published by MacMillan in 1983, one could use the following strategy:

SS 1: (TW) MACMILLAN AND 1983 (Y1)

The retrieval would include name variations in the Imprint such as: Macmillan, Macmillan Pub. Co., and Collier Macmillan.

ERRATA:  
CATLINE/AVLINE  
LANGUAGE FIELD  
(LA)  
(Manual 8.5.33) - The February 1984 NLM Technical Bulletin incorrectly described the search results when FOR is used to retrieve foreign language materials in CATLINE or AVLINE. In searching CATLINE or AVLINE, the value FOR will retrieve the following:

1. records for items that are completely non-English, and also
2. records for items that are both non-English and English where ENG (LA) is not the predominant language.

NEW PRINT  
FORMAT ON PDQ  
(Manual 25.3.12) - Effective March 5, 1984, a new print format, PRINT LOCS, became available for the PDQ file. This format provides with one PRINT command the locator information found in all the individual state fields for records retrieved in a given subject search.

LIST OF  
SERIALS  
INDEXED FOR  
ONLINE USERS,  
1984

- The List of Serials Indexed for Online Users, 1984 may now be ordered from the National Technical Information Service (NTIS). Delivery is expected in mid-April. The publication number is PB84-156850; the domestic price is \$10.00 for hard-copy and \$4.50 for microfiche. The address of NTIS is:

National Technical Information Service  
U. S. Department of Commerce  
5285 Port Royal Road  
Springfield, Virginia 22161

(703) 487-4650 -- for phone orders with a deposit  
account or credit card

\*\*\*\*\*

INTRODUCTION TO "USER-FRIENDLY" PDQ  
Susan M. Hubbard and Dianne E. Tingley, NCI

A user-friendly version of PDQ was made available for preliminary testing by a small number of users in March 1984. The newly designed PDQ database contains a cancer information file, information on open protocols in the existing ELHILL PDQ file, and a directory file containing the names, addresses, and telephone numbers of physicians and organizations with a special interest in the care and treatment of cancer patients. The cancer information file consists of capsule summaries and state-of-the-art treatment information for 82 different cancers. PDQ was developed by the National Cancer Institute (NCI) in cooperation with the National Library of Medicine. For this new improved PDQ retrieval system, all of the component files are linked together on NLM's INQUIRE\* database management system. The first users with access to this new system are National Cancer Institute staff, staff at the seven Regional Medical Libraries, and NLM MEDLARS Management Section staff. These groups will be testing the system in order to identify and report any problems, to complete documentation, and to gain experience for future user assistance.

This new PDQ system is different from the PDQ and PDQ/DIRECTORY files mounted as ELHILL databases on the NLM computer using the TCAM (Telecommunications Access Method) operating system software. Instead, the new system is only accessible through the TSO (Time Sharing Option) operating system software. TSO is also the location for NLM's CAI program on MEDLINE, \*\*MEDLEARN\*\*. TSO is accessed using a "LOGON" entry, after the /LOGIN, in the space where the ID code is routinely typed to access the TCAM ELHILL databases.

---

\*INQUIRE is a registered trademark of Infodata Systems, Inc.

The purpose of PDQ is to speed the dissemination of information on state-of-the-art treatment for cancer, to inform physicians about new advances in cancer treatment, and to assist physicians in identifying clinical trials whenever appropriate. NCI feels that PDQ may be especially useful to physicians who specialize in other areas of medicine and do not follow the cancer literature closely.

PDQ has been designed to provide users with a series of menus that directs them through the system without the need for remembering previous instructions or for detailed written documentation. Users have only to respond to a system prompt by typing in the desired number or by pressing the carriage return key.

Some of the information in the new, user-friendly PDQ is presently held in two separate files on the NLM's MEDLARS system - the Protocol file (current ELHILL version of PDQ) and the DIRECTORY file. The contents of these two files were augmented with descriptions of 82 different types of cancer and integrated into a single database system accessed easily at each logical step. For the time being, MEDLARS will continue to offer the existing PDQ file and PDQ/DIRECTORY as separate files searchable through the ELHILL retrieval language.

There are three basic types of information in the new PDQ system:

1. Cancer Information. This section contains prognostic, stage, cellular classification and state-of-the-art and investigational treatment options that have been reviewed by over 400 cancer experts. The information is available in a general format (Capsule Summaries) and a more detailed format (State-of-the-Art Statements).
2. Directory. This section contains the names, addresses, telephone numbers and other information for physicians and organizations that have a special interest in cancer treatment. This information can be readily accessed by the user for any specified geographic area.
3. Protocols. This section contains abstracts of research protocols that are open for patient entry. Each protocol summary includes study objectives, patient entry criteria, and the details of the treatment regimen. Closed protocols may also be retrieved for review.

Information on access to PDQ will appear in the NLM Technical Bulletin as soon as the system is ready for wider use.

\*\*\*\*\*

*PLEASE USE FILE INFORM AND TYPE NEWS TO SEE  
MOST RECENT NEWS ITEMS ONLINE*

SERLINE - UPDATED LOCATION DATA  
 Martha R. Fishel, Serial Records Section, NLM

At the end of February 1984, a new version of SERLINE became available. It carries 1983 location data for about 150 resource and selected major biomedical libraries. The new locator data comes from NLM's National Biomedical Serials Holdings Database (SERHOLD), which contains complete summary holdings and location data for over 1,000 biomedical libraries nationwide.

Completion of the 1983 update to SERHOLD made it possible to complete reformatting SERLINE locator fields (L1-L7) to the seven Regional Medical Library regions. While most of the locator codes are the same as they have been, a few have changed and some new ones have been added as a result of the changes in Regional Medical Libraries and resource libraries in 1982/83. Updated SERLINE documentation including a complete list of location codes and institutions is being prepared, and a replacement for the SERLINE chapter of the Manual will be mailed to MEDLINE users within the next few months.

The new locator and holdings data have been made available in union list products for each Region, while locator data for the 150 libraries also appears in NLM's quarterly microfiche publication Health Sciences Serials available from GPO on a subscription or individual issue basis. (Subscription: \$19.00 [\$23.75 foreign]; Single Copy: \$5.00 [\$6.25 foreign]; GPO Order Code: HHS.) The January Health Sciences Serials, which will be distributed in late March, will carry the updated Locator data.

In April, the 1984 SERHOLD update will begin as NLM receives update tapes for each Region from the seven RML Holdings Data Coordinators. The scheduled completion date for the 1984 update is September 1, 1984, at which time SERLINE will be updated to display 1984 location data.

For questions concerning updating holdings and location data or institutional participation in the SERHOLD Database, you may contact the Holdings Data Coordinator in your region listed below or call Martha Fishel at NLM on (301) 496-1218.

REGION	COORDINATOR	
1	William Walker Medical Library Center of New York	(212) 427-1630
2	Janice Kelly University of Maryland	(301) 528-2855
3	Ruby May University of Illinois - Chicago	(312) 996-2464
4	Carolyn Anne Reid University of Nebraska Medical Center	(402) 559-4326
5	Neil Campbell Texas Tech University	(806) 743-2214
6	Arlene Kairoff University of Washington	(206) 543-8262
7	Darcy Van Vuren UCLA Biomedical Library	(213) 825-1200

\*\*\*\*\*

SENSIBLE SEARCHING: LIMITING TO ENGLISH LANGUAGE CITATIONS  
 Lou Wave S. Knecht, MEDLARS Management Section, NLM

OVERVIEW

Now that the online pricing algorithm is in effect, it is time to review the methods for limiting online retrieval to English language articles. A slight change in your search behavior may save you money.

Points to consider: Is it even necessary to limit a given search to English language articles?

If this is necessary, which of the three possible methods should you use?

1. Direct search using AND ENG (LA)
2. STRINGSEARCH using TS (LA) ENG
3. Direct search using AND NOT FOR (LA)

This article attempts to show when and how to limit to English language articles and how much it will cost.

GENERAL PHILOSOPHY

Out of habit, many searchers unnecessarily limit their retrieval to English language articles. If the search or database does not lend itself to language limitations, and the requester has no preference, then the searcher should not limit the search; this will save money immediately.

An example of a search that does not lend itself to English language limitation is a request incorporating an aspect of the United States Food and Drug Administration. Because FDA is a U.S. agency, most articles will be in English. In fact, of the 214 citations indexed to the FDA as of the 8402 (EM) update in MEDLINE, only two are in a foreign language.

An example of a database that does not require English language limitation is the HEALTH file. It is 89% English language and 11% foreign languages. Limiting to English in a database that contains such a high percentage of English language postings probably is not cost-effective.

Percentages for language coverage in selected databases follow:

DATABASE	ENGLISH (%)	FOREIGN (%)
MEDLINE [1982-8403 (EM)]	76	24
M80	72	28
M77	70	30
M75	66	34
M71	62	38
M66	56	44
HEALTH	89	11

You could conclude from this table that it might be worthwhile to limit to English in the older MEDLINE backfiles, but not in M77 forward or in HEALTH.

CHOICE OF METHOD

If you decide that your search does require an English language limitation, there are three ways to do so in the MEDLINE files and HEALTH:

1. Direct search using AND ENG (LA);
2. Stringsearch retrieval of 250-300 citations or fewer using TS (LA) ENG (see article in the August 1983 Technical Bulletin);
3. Direct search using AND NOT FOR (LA). Remember that multilingual articles in which one of the languages is English do not carry the tag FOR (LA). Therefore, these articles will be retrieved using this strategy.

The actual choice depends on many variables, such as the requester's needs, interlibrary loan (ILL) availability, and cost considerations, as well as system guidelines. For example, NLM recommends always using a direct search for language in SAVESEARCH and OFFSEARCH rather than a STRINGSEARCH.

STUDY DESIGN

The three methods of limiting were applied to two MeSH headings in the MEDLINE [1982 - 8402 (EM)] database. In order to understand the figures in the tables at the end of this article, you should know some facts about the actual study design. The study consisted of the following six parameters:

1. The two MeSH headings selected were ACQUIRED IMMUNODEFICIENCY SYNDROME and DNA, FUNGAL. Each term was then individually limited in three ways to English language, thus resulting in a total of six searches. All six searches were performed one after the other in a single terminal session. This session (all six searches) was repeated five times and the data were averaged. (See Table A.)

AIDS (the data form abbreviation for ACQUIRED IMMUNODEFICIENCY SYNDROME) had 455 postings through 8402 (EM), and DNA, FUNGAL had 258 postings through 8402 (EM). In each search, SS 1 contained the term and SS 2 was the English limit, e.g.:

SS 1 AIDS	}	SS 2 1 AND ENG (LA)
		-or-
		SS 2 TS (LA) ENG
		-or-
		SS 2 1 AND NOT FOR (LA)

The term selection was based on the number of postings so that one of the headings would be in the 250-300 range, which is the recommended cut-off for efficient use of STRINGSEARCH, and the other would be over 300 postings, but still low enough to be stringsearched within a reasonable length of time. The searches themselves were kept simple so that the major portion of the cost of each search would reflect the Computer Work Units associated with limiting by English language. (Computer Work Units are one component of the online pricing algorithm.)

2. A SHOW COST DL command was issued after each search to get the number of Computer Work Units and cost. After each search and its SHOW COST DL command, a FILE MESH command was issued to clear the MEDLINE database counters for the new strategy followed by a FILE MEDLINE command to reconnect. (This could also have been accomplished by using the SHOW COST DL RESET command while connected to MEDLINE.)
3. The number of TIME OVFLW messages were counted manually. While TIME OVFLWs are covered under the Disk Accesses subcategory in the Computer Work Unit component of the pricing algorithm, they are reported separately for this study. In limiting a simple search to English language, the major portion of the total cost can be attributed to the TIME OVFLW or Disk Accesses portion of the Computer Work Units.
4. A USERS command was issued at the start of each search session and then all six searches were run in succession.
5. The terminal sessions were conducted on five different days resulting in a total of ten sessions -- five in Prime Time and five in Non-Prime Time. An attempt was made to vary the time of day for each session within the Prime and Non-Prime Time categories. (See Table B.)
6. Each search session was performed at 1200 baud on a CRT terminal with a printer. Access to the NLM computer was by direct dial.

Table A contains data averaged from this study. Table B incorporates the raw data with the averaged data. The trends and conclusions stated below were derived largely from the averaged data in Table A.

#### GENERAL CONCLUSIONS

For the AIDS searches, the method of limiting from least to most expensive is:

- 1) AND NOT FOR (LA);
- 2) AND ENG (LA); and
- 3) TS (LA) ENG.

Note that the Computer Work Units show the same relationship. As expected with retrieval over 300 postings, the STRINGSEARCH method used the most Computer Work Units and cost the most. More noticeable is the 50% saving that the AND NOT FOR (LA) direct search offers over the more routine AND ENG (LA) direct search.

For the DNA, FUNGAL searches, the least expensive method of limiting is again the AND NOT FOR (LA) direct search. However, the most expensive method varied with Prime and Non-Prime execution: STRINGSEARCH in Prime Time, and the direct search with AND ENG (LA) search in Non-Prime Time. Based on general theory, the AND ENG (LA) method should have been the most expensive in each time category because the search term posted 258--a retrieval in the range where STRINGSEARCH becomes efficient. Note, however, how close the Computer Work Units, and therefore the actual costs, of the direct ENG (LA) search and STRINGSEARCH are--only two cents difference in Prime Time (\$0.486 vs. \$0.506) and essentially the same cost in Non-Prime Time (\$0.30 vs. \$0.298). These figures support the theory that the cut-off limit for efficient use of STRINGSEARCH is in the 250-300 postings range. Therefore, while the difference between the direct ENG (LA) search and STRINGSEARCH is minimal in this example, it is necessary to

point out that as the retrieval to be limited approaches zero (from the upper range of 250-300 postings) then STRINGSEARCH does become cheaper; this is because fewer TIME OVFLWs and Computer Work Units are generated.

At a certain point where STRINGSEARCH does not generate any TIME OVFLWs (NLM's estimate is in the neighborhood of 60 postings or fewer), then STRINGSEARCH becomes even cheaper than the direct AND NOT FOR (LA) method, which will always generate at least one TIME OVFLW message in MEDLINE. Again, the AND NOT FOR (LA) direct search was 50% cheaper to use than AND ENG (LA). The AND NOT FOR (LA) method is more cost-effective because the computer has to examine only the 24% of MEDLINE that is posted to FOR (LA) rather than the 76% that is posted to ENG (LA).

In summary, think twice before limiting to English language in MEDLINE, its backfiles, and HEALTH and save money immediately; choosing not to limit in these searches could have saved up to \$0.50 in Prime Time and \$0.30 in Non-Prime Time in MEDLINE per search. These savings, however, may be reduced depending on the quantity of citations printed (either online or offline). If you must limit, then the method to consider (economically speaking) is AND NOT FOR (LA), which averages \$0.23 in Prime Time and \$0.15 in Non-Prime. These costs represent a 50% saving over either of the other two methods when they are used according to the general NLM guidelines. If AND NOT FOR (LA) is not the method of choice, then do follow the established guidelines for the use of STRINGSEARCH vs. AND ENG (LA). Application of the results of this study should help your budget as well as the NLM computer work load!

TABLE A: SUMMARY OF AVERAGED DATA\*

	<u>PRIME</u>			<u>NON-PRIME</u>		
	TIME OVFLW	WORK UNITS	COST (\$)	TIME OVFLW	WORK UNITS	COST (\$)
<u>AIDS</u> 455 PSTG						
AND ENG (LA) 412 PSTG	3	275.6	.482	3	275.6	.292
TS (LA) ENG 412 PSTG	5.6	443.8	.75	5.6	445.8	.452
AND NOT FOR (LA) 412 PSTG	1	107.4	.232	1	107.8	.154
<u>DNA, FUNGAL</u> 258 PSTG						
AND ENG (LA) 243 PSTG	3	271	.486	3	269.4	.30
TS (LA) ENG 243 PSTG	3	283.2	.506	3	282.6	.298
AND NOT FOR (LA) 243 PSTG	1	102	.232	1	101.6	.152

\* These numbers are the averages from the raw data found in Table B.

TABLE B

	PRIME				NON-PRIME				
	TIME OVFLW	WORK UNITS	COST	USERS	TIME OVFLW	WORK UNITS	COST	USERS	TIME
AND ENG (LA) 412 PSTG	3	277	0.50	36	3	271	0.29	23	6:15 PM ET
	3	275	0.48	25	3	276	0.28	27	5:45 PM ET
	3	274	0.48	23	3	277	0.30	38	5:30 PM ET
	3	278	0.48	30	3	277	0.30	44	9:40 AM ET
	3	274	0.47	32	3	277	0.29	29	5:30 PM ET
AVG.	3	275.6	0.482	29.2	3	275.6	0.292	32.2	
AIDS 455 PSTG	6	449	0.77		5	440	0.43		
	5	432	0.71		5	440	0.42		
	5	441	0.73		6	449	0.44		
	6	447	0.77		6	449	0.50		
	6	450	0.77		6	451	0.47		
	AVG.	5.6	443.8	0.75		5.6	445.8	0.452	
AND NOT FOR (LA) 412 PSTG	1	106	0.23		1	107	0.15		
	1	107	0.23		1	107	0.15		
	1	109	0.24		1	109	0.16		
	1	108	0.23		1	109	0.16		
	1	107	0.23		1	107	0.15		
AVG.	1	107.4	0.232		1	107.8	0.154		
AND ENG (LA) 243 PSTG	3	272	0.50		3	269	0.30		
	3	271	0.47		3	270	0.29		
	3	271	0.48		3	268	0.31		
	3	269	0.48		3	270	0.30		
	3	271	0.50		3	270	0.30		
AVG.	3	270.8	0.486		3	269.4	0.30		
DINA, FUNGAL 258 PSTG	3	284	0.51		3	283	0.29		
	3	284	0.51		3	283	0.29		
	3	282	0.49		3	284	0.33		
	3	283	0.52		3	283	0.29		
	3	283	0.50		3	280	0.29		
AVG.	3	283.2	0.506		3	282.6	0.298		
AND NOT FOR (LA) 243 PSTG	1	104	0.25		1	102	0.15		
	1	102	0.23		1	100	0.16		
	1	103	0.24		1	102	0.16		
	1	99	0.22		1	102	0.14		
	1	102	0.22		1	102	0.15		
AVG.	1	102.0	0.232		1	101.6	0.152		

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT - FEBRUARY 1984  
 Serial Records, Technical Services Division, NLM

The following substantive serial titles were received or ordered by the Serial Records Section. IM to the left of the title indicates that the title appears in Index Medicus. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

ACTUALITES DE PHARMACOLOGIE CLINIQUE  
 1983--  
 FLAMMARION MEDECINE-SCIENCES  
 CHEVILLY-LARUE FRANCE  
 HOPITAL NECKER ENFANTS-MALADES,106/110 RUE  
 PETIT-LE-ROY,CHEVILLY-LARUE 94150,FRANCE  
 ON ORDER  
 A11530000

IMMUNOLOGIE MEDICALE  
 N1,APR 1983--  
 EDITIONS DE ASTROLABE  
 PARIS FRANCE  
 ED. DE L ASTROLABE,47 RUE DE CHARONNE,  
 75011 PARIS,FRANCE  
 ON ORDER  
 I06190000

ACUTE CARE MEDICINE  
 1984--  
 ACUTE CARE MEDICINE  
 NEW YORK UNITED STATES  
 ACUTE CARE MEDICINE,149 FIFTH AVE., NEW  
 YORK NY 10010  
 ON ORDER  
 A11858000  
 \$35.00

IM INDIAN JOURNAL OF LEPROSY  
 56,1984--  
 HIND KUSHT NIVARAN SANGH  
 CONTINUES: LEPROSY IN INDIA.  
 NEW DELHI INDIA  
 ON ORDER  
 I09630000

ALCOHOL  
 1,1984--  
 ANKHO INTERNATIONAL  
 FAYETTEVILLE NY UNITED STATES  
 ANKHO INTERNATIONAL,BOX 426,FAYETTEVILLE NY  
 13066  
 ON ORDER  
 A20228500  
 \$150.00

INTERNATIONAL CONFERENCE ON HUMAN TUMOR  
 MARKERS  
 1ST,JUN 1982--  
 ALAN R. LISS  
 PAPERS OF 1ST CONFERENCE ALSO PUBLISHED IN  
 CANCER DETECTION AND PREVENTION, VOL.6  
 NO.1/2,1983 (W1 CA6785K), AND AS A  
 MONOGRAPH: HUMAN TUMOR MARKERS:,  
 BIOLOGICAL BASIS AND CLINICAL RELEVANCE.  
 NEW YORK UNITED STATES  
 ALAN R. LISS, 150 5TH AVE, NEW YORK NY 10011  
 IN PROCESS  
 I21791000

AUSTRALIAN JOURNAL OF ADVANCED NURSING  
 IN1,SEP-NOV 1983--  
 ROYAL AUSTRALIAN NURSING FEDERATION  
 SOUTH MELBOURNE AUSTRALIA  
 AUSTRALIAN JOURNAL OF ADVANCED NURSING, THE  
 ROYAL AUSTRALIAN NURSING FEDERATION,  
 132-136 ALBERT RD, SOUTH MELBOURNE,  
 VICTORIA 3205 AUSTRALIA  
 ON ORDER  
 A75325000  
 \$30.00

IM IOWA MEDICINE  
 74N1,JAN 1984--  
 IOWA MEDICAL SOCIETY  
 CONTINUES: JOURNAL OF THE IOWA MEDICAL  
 SOCIETY.  
 DES MOINES IA UNITED STATES  
 IOWA MEDICAL SOCIETY, 1001 GRAND AVE, WEST  
 DES MOINES IA 50265  
 W1 I0295FF  
 I38370000

BUSINESS AND HEALTH  
 IN1,NOV 1983--  
 WASHINGTON BUSINESS GROUP ON HEALTH  
 WASHINGTON UNITED STATES  
 WASHINGTON BUSINESS GROUP ON HEALTH, P.O.  
 BOX 33039, WASHINGTON D.C. 20033  
 ON ORDER  
 B58935000  
 \$39.00

JOURNAL D IMAGERIE MEDICALE  
 IN1,SEP 1983--  
 SIMEP PRESS  
 PARIS FRANCE  
 SIMEP PRESS,146 RUE DE COURCELLES,75017  
 PARIS,FRANCE  
 ON ORDER  
 J23683000

JOURNAL OF MEDICAL TECHNOLOGY  
 1,1984--  
 AMERICAN MEDICAL TECHNOLOGISTS  
 PARK RIDGE IL UNITED STATES  
 AMERICAN MEDICAL TECHNOLOGISTS, 710 HIGGINS  
 RD, PARK RIDGE IL 60068  
 ON ORDER  
 J29415000

JOURNAL OF SOCIAL AND ADMINISTRATIVE  
 PHARMACY  
 1N1,1983--  
 SWEDISH PHARMACEUTICAL PRESS  
 STOCKHOLM SWEDEN  
 JSAP, P.O. BOX 1136, S-111 81 STOCKHOLM,  
 SWEDEN  
 ON ORDER  
 J38490000

LABORMEDIZIN UND KLINIK  
 1,1983--  
 GUSTAV FISCHER VERLAG  
 STUTTGART GERMANY, WEST  
 IN PROCESS  
 L01245000

IM PHARMACOPSYCHIATRY  
 17N1,1984--  
 GEORG THIEME VERLAG  
 CONTINUES: PHARMACOPSYCHIATRIA.  
 STUTTGART GERMANY, WEST  
 W1 PH289V  
 P11518000

PSYCHOTHERAPY PATIENT  
 1N1,FALL 1984--  
 HAWORTH PRESS  
 NEW YORK UNITED STATES  
 HAWORTH PRESS, 28 EAST 22ND ST., NEW YORK  
 NY 10010  
 ON ORDER  
 P56035000  
 \$42.00

PSYCHOTHERAPY IN PRIVATE PRACTICE  
 1N1,SPRING 1983--  
 HAWORTH PRESS  
 NEW YORK UNITED STATES  
 HAWORTH PRESS, 28 EAST 22ND ST., NEW YORK  
 NY 10010  
 ON ORDER  
 P56037000  
 \$80.00

RADIATION ONCOLOGY ANNUAL  
 1,1983--  
 RAVEN PRESS  
 NEW YORK UNITED STATES  
 ON ORDER  
 R00555000

IM SOMATIC CELL AND MOLECULAR GENETICS  
 10N1,JAN 1984--  
 PLENUM  
 CONTINUES: SOMATIC CELL GENETICS  
 NEW YORK UNITED STATES  
 W1 S0887JK  
 S30870000  
 \$155.00

# THE NLM TECHNICAL BULLETIN

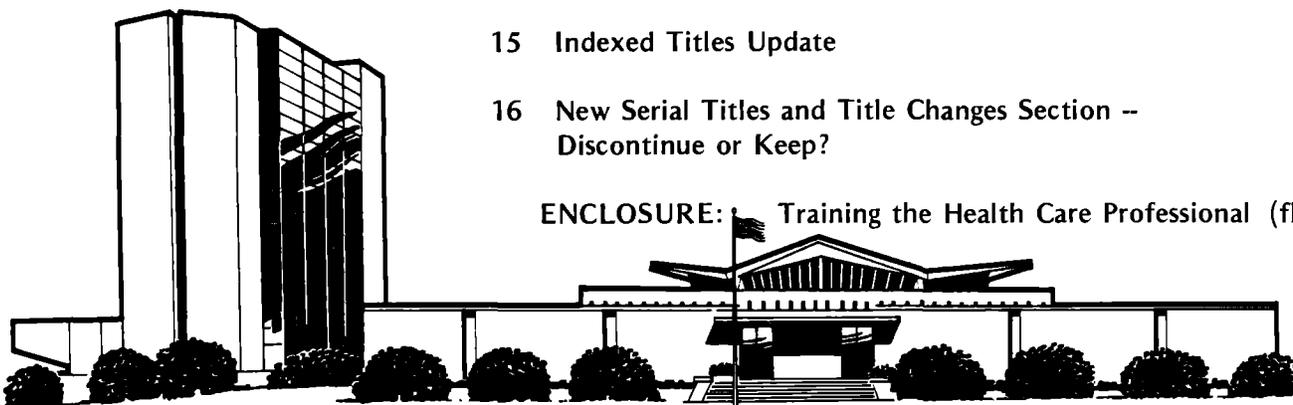
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Discontinue or Keep?

ENCLOSURE: Training the Health Care Professional (flier)



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DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,373	THROUGH 1984	19 APR 84	
BIOETHICS	15,752	JAN 73-OCT 83	28 FEB 84	8402(EM)
CANCERLIT	398,389	JAN 63-APR 84	02 APR 84	8404 EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	515,457	THROUGH 1984	19 APR 84	
CHEMLINE	591,922		09 JAN 84	8312(EM)
CLINPROT	4,226		26 MAR 84	8403(EM)
DIRLINE	13,245		13 FEB 84	
EXPRESS	6,814	DEC 83-APR 84	03 APR 84	8404(EM)
HEALTH	274,328	JAN 75-MAY 84	09 APR 84	8405(EM)
HISTLINE	60,738		18 APR 84	8403(EM)
MEDLINE	544,065	JAN 82-MAY 84	02 APR 84	8405(EM)
MED80	529,269	JAN 80-DEC 81	19 MAR 84	
MED77	775,186	JAN 77-DEC 79	16 APR 84	
MED75	642,721	JAN 75-DEC 76	13 FEB 84	
MED71	883,989	JAN 71-DEC 74	19 MAR 84	
MED66	954,760	JAN 66-DEC 70	12 DEC 83	
MESH VOC	49,667	1984	16 APR 84	
NAME AUTH	158,792		09 APR 84	
PDQ	967		26 MAR 84	8403(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	122,342	1970-APR 84	16 APR 84	8404(EM)
RTECS	66,954	THROUGH JAN 84	19 MAR 84	
SDILINE	23,023	MAY 84	02 APR 84	
SERLINE	42,594	1984	19 APR 84	
TDB	4,117		27 DEC 83	
TOXLINE	717,675		26 MAR 84	8403(EM)
CBAC	368,248	1979-VOL 100(4,5)		
TOXBIB	130,637	1979-APR 84		
IPA (ASHP)	31,873	1979-VOL 21(5,6)		
HEEP	58,347	1979-VOL 13(4)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	19,465	GRA & I 82(25)-84(2,3)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
 Assistant Editor: Rose Marie Woodsmall  
 Technical Notes Editor: Patricia E. Healy  
 Production Assistant: Mildred D. Mader  
 301/496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

- CATLINE/  
AVLINE UPDATE  
SCHEDULE

  - Effective April 5, 1984, NLM changed the weekly updates of the CATLINE and AVLINE databases to Thursday mornings between 3:00 AM and 5:00 AM Eastern Time. (Previously these databases had been updated Thursday mornings between 4:00 AM and 6:30 AM Eastern Time.) These two databases will be unavailable to online users during this period each Thursday morning. All other databases will be available as scheduled.
- CHARGE~~S~~  
ADJUSTMENT,  
MARCH 1984

  - Due to system problems on Tuesday, March 13, 1984, all online usage for that day for domestic and non-United States users will be charged at Non-prime rates.
- NLM ONLINE  
USERS MEETING  
AT MLA

  - The annual NLM Online Users Meeting will be held at the Medical Library Association's Annual Meeting on Monday, May 28, 1984, from 12:00 noon to 1:00 PM in the Empire Room of the Denver Hilton Hotel. All NLM users are encouraged to attend.
- RTECS UPDATE/  
CHANGES  
(Manual  
14.4.15,  
14.4.19)

  - The RTECS file was updated on March 20, 1984 to correspond to the January 1984 NIOSH data. RTECS now contains 66,954 records. Additionally, the following changes in RTECS data should be noted:
    1. All Aquatic Toxicity (AQ) data have been deleted.
    2. In the Status (ST) field, a new value is listed for compounds in EPA's Genetic Toxicology Program. This value is: "IN EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984"
    3. In the Status (ST) field, the wording in the National Toxicology Program (NTP) Status lines has been changed to 'CARCINOGENESIS STUDIES' from 'BIOASSAYS.'
- MEMORIAL DAY  
HOLIDAY  
SCHEDULE

  - On Monday, May 28, 1984 (Federal observance of Memorial Day), the NLM computer will be available for limited hours, from 11:00 AM to 9:00 PM, Eastern Time. This is a change from the original holiday schedule (NLM Technical Bulletin, October 1983, p.6), when the computer was scheduled to be down all day. Non-prime rates will be in effect and the MEDLARS Management Service Desk will not be staffed. On Memorial Day, Wednesday, May 30, 1984, the NLM computer will be up with regular hours and rates.
- CENTER FOR  
BIOETHICS  
(Manual 21.1.1)

  - The telephone number for the Center for Bioethics, Kennedy Institute of Ethics, at Georgetown University has been changed to 202/625-2383. The Kennedy Institute of Ethics is responsible for the development of the database BIOETHICSLINE.

CHARGES  
DISPLAY  
VS. INVOICE  
TOTAL

- Users are reminded that the estimated charges displayed with the SHOW COST command, and at the end of a terminal session, reflect estimated online charges for a particular terminal session or session segment. Other charges will appear on the monthly invoice, but not in the online display. These include offprint page charges, OFFSEARCH charges, and Automatic SDI charges. Actual monthly invoices may be larger than the monthly totals of the amounts reflected in the online charges display. Additionally, actual invoice amounts for online charges may vary somewhat from the online display of charges because the online display contains estimated charges only.

TELENET  
TERMINAL  
IDENTIFIERS  
FOR MICRO-  
COMPUTERS  
(Manual 3.5.3.1)

- Most microcomputers with printers will operate effectively with the Telenet terminal identifier, D1. However, some microcomputers with printer hook-ups may get better results with one of the following:

<u>PAGEWIDTH OF PRINTER</u>	<u>FAST PRINTERS</u>	<u>SLOW PRINTERS</u>
72 characters	A1	A9
80 characters	A6	A2
120 characters	A3	A2
132 characters	A8	A9

The terminal identifiers A2 and A9 provide a great amount of buffering necessary with slower printers. Remember, the terminal identifiers are entered in response to the TERMINAL= prompt from Telenet.

NAF  
REGENERATION

- The Name Authority file (NAF) has been regenerated. The following information supplements the article on page 10 of the February issue of the NLM Technical Bulletin, which described the NAF regeneration.
  1. To search the Library of Congress Card Number (LC) field, the card number must be preceded with the letter n, e.g.: n83-42998 (LC).
  2. All "see" and "see also" references in the Backward Cross Reference (BX) field are now Text Word searchable as well as directly searchable.
  3. The capability to search by Backward Cross Reference Type (BT) is no longer available.
  4. In the Series Treatment (SM) field, the phrase "Drop Note" has been changed to "General Note" as in "NOT TRACED, USE AS GENERAL NOTE."
  5. All trailing semicolons have been removed from the Backward Cross Reference (BX) field as well as from the Series Print Version (SE) field.

NEW TYMNET ACCESS PROCEDURES FOR NLM

Effective Monday, April 16, 1984, the NLM and TYMNET changed the software on the Library's telecommunications controller to X.25 access protocol, which specifies an internationally accepted standard method for a terminal to interface to any packet switching network. As a result, the messages from TYMNET have changed slightly. In addition to the message changes (see below), one other change has occurred as a result of this software implementation. For the present, and probably continuing, the parity on your terminal must be set to EVEN when accessing NLM through TYMNET. If the parity on your modem can also be changed, it should also be set to EVEN.

The new TYMNET logon will appear as follows:

<u>TYMNET</u>	<u>USER</u>
Please type your terminal identifier	Press the appropriate letter for your terminal--no (CR)
Please log in:	Control P
	Press the control key and hold it down while you press the letter P. This sends a parity signal to TYMNET.
	NOTE: If you are operating in half duplex, press Control H, then press control P.
	Then type
	NLM;BCN (CR) (CR)
	NOTE: if you are using TYMNET INWATS access, continue to use the same user name and password in response to the PLEASE LOG IN: prompt as has been in use since October 1983.
+ NLM: call connected	Either type /LOGIN & press (CR) or press a carriage return to be prompted with PLEASE ENTER /LOGIN.

The remainder of the login procedure through TYMNET has not changed.

If you are unable to connect through TYMNET, please call the MMS Service Desk for assistance.

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NLM AWARDS CONTRACTS FOR TELECOMMUNICATIONS SERVICES

Harry D. Bennett, Office of Computer and Communications Systems, NLM

On March 30, 1984, NLM awarded contracts to TELENET, TYMNET, and UNINET for telecommunications services to provide continued toll-free access to the NLM system for users of the NLM databases. The NLM policy of equal access for all users, which was implemented with TYMSHARE in 1973 and supplemented later with TELENET, is being expanded to include UNINET access as well. UNINET access is expected to be available within the next 3 months. This will increase the areas of local coverage and reduce requirements for WATS access to NLM.

The awards were the culmination of a one-year project to completely define NLM's present and future communications requirements and conduct a competitive procurement for the required services. The new contracts have options for renewal through September 1988.

We are preparing a complete new phones list covering all three services that will be sent to you shortly. In addition, log on terminal user cards for each of the networks will also be sent to you.

We are pleased to announce the availability of these services and encourage you to try out each of the networks available in your area.

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INTROMED: NLM'S NEW TRAINING DATABASE

INTROMED is a training database containing approximately 20,000 citations extracted randomly from the MEDLINE database (1982 and 1983 publication years). The database will be of use to new searchers of MEDLINE, whether health professionals or search intermediaries. Its effectiveness is being evaluated by NLM staff in conjunction with a new seminar for health professional training entitled "The Basics of Searching MEDLINE." Because of the limited size of INTROMED, it should not be used for daily searching activities as the postings for all searches will be significantly less than those retrieved in MEDLINE. Therefore, search formulations for 'SAVESEARCH', 'STORESEARCH', and 'OFFSEARCH' should not be created in this file. INTROMED is charged at a rate that does not charge for citations or characters printed. These reductions make INTROMED a cost-effective training tool. For example, it may also be used within organizations to provide some inhouse training, especially for backup searchers. Searchers who have attended the NLM Initial or Advanced training courses may want to practice the newly learned search techniques by repeating any of the structured exercises used in the classes. Your comments and suggestions are encouraged via the online 'COMMENT' command or via phone to the MMS Service Desk.

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TRAINING THE HEALTH CARE PROFESSIONAL:  
NLM'S TRAINING SEMINAR

Patricia Clark Buchan, MEDLARS Management Section, NLM

The National Library of Medicine's training staff taught its first one-day MEDLINE training seminar, "The Basics of Searching MEDLINE," designed for health professionals on March 14, 1984 at the NLM. The class, consisting of approximately six hours of lecture and an optional one and one-half hour of hands-on searching practice, was attended by eleven Washington DC metropolitan area health practitioners. "The Basics of Searching MEDLINE" provides an overview of MEDLINE describing the database content and various basic system capabilities.

The second offering of the health professional seminar took place in St. Louis, Missouri on April 4, 1984 at the Federation of American Societies for Experimental Biology (FASEB) Annual Conference. Twelve FASEB members attended this day-long session.

The attendees at both training presentations rated the seminar as highly successful and indicated that it had generated considerable interest in acquiring individual MEDLARS access codes.

The next step in the development of the NLM health professional training program is to sponsor "The Basics of Searching MEDLINE" at NLM on Monday, June 18, 1984. This session is open to health care professionals who are interested in MEDLINE/MEDLARS for either their own searching needs or for increasing their awareness of the process undertaken by search intermediaries. An important point brought out by several attendees at earlier sessions was that, although they did not want to apply for an access code for themselves at the present time, they felt better prepared and more aware of the format in which their search requests should be submitted to their information staff.

In addition to the class at NLM, the training staff from the Pacific Southwest Regional Medical Library Service (PSRMLS) will present the same course on Wednesday, June 20, 1984 at the University of California at Los Angeles (UCLA). If registration at UCLA warrants, a second presentation of this class will be sponsored the next day, Thursday, June 21, 1984. Enclosed with this issue of the Technical Bulletin is an application form for these seminars. COMPLETED FORMS SHOULD BE SENT TO THE SITE OF THE TRAINING. The addresses for each are listed on the application form. All sessions at both sites will begin at 9:00 a.m. and will conclude by 4:30 p.m. Trainees are expected to stay the entire day.

Also enclosed with this issue is a flier announcing the NLM and the UCLA health professional training seminars. Please post this where it can best be seen by staff health care professionals.

Attendance at any upcoming health professional training seminar provides participants with sufficient justification to request a waiver of the mandatory training requirement when applying for a MEDLARS access account. The classes and this policy pertain strictly to health care professionals. This course does not provide sufficient information necessary to develop proficient search intermediaries.

In conjunction with this year's Annual Update for the Regional Technical Resource Persons (TRPs) held at NLM in September, a special one-day program will be sponsored to involve search intermediaries in the NLM health professional training program. More specific information about this training can be found in the article on page 10 of this issue.

If you have any questions or comments about NLM's health professional training program, please contact the MEDLARS Management Section.

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"THE BASICS OF SEARCHING MEDLINE"  
HEALTH CARE PROFESSIONAL TRAINING APPLICATION

Name \_\_\_\_\_

Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zipcode \_\_\_\_\_

Date \_\_\_\_\_ Phone \_\_\_\_\_

Have you had any formalized training in online searching?

\_\_\_ yes                      \_\_\_ no

If yes, please specify

Is computer equipment available to you at \_\_\_ home    \_\_\_ office?

How will you use the information

\_\_\_ Patient care

\_\_\_ Research

\_\_\_ Current Awareness

Dates of Training:

NLM Date:        JUNE 18, 1984

UCLA Dates:    JUNE 20 or 21, 1984

Dates of training \_\_\_\_\_

Location of training \_\_\_\_\_

MAIL THIS APPLICATION TO THE SITE OF THE TRAINING CLASS. ADDRESSES ARE LISTED BELOW.

NLM  
National Library of Medicine  
MEDLARS Management Section  
Bethesda, MD 20209

UCLA  
Pacific Southwest Regional Medical  
Library Service  
UCLA Biomedical Library  
Center for the Health Sciences  
Los Angeles, CA 90024

A TRAINING COURSE FOR SEARCH INTERMEDIARIES:  
TEACHING MEDLINE TO THE HEALTH CARE PROFESSIONAL  
Becky Lyon-Hartmann, Regional Medical Library Program Coordinator, NLM

On September 20, 1984, NLM will hold the first one-day session to train search intermediaries in the use of the syllabus and instructional guide for training health care professionals. The session will be given at NLM in Bethesda at no charge to participants; however, attendees will be responsible for their own travel and per diem costs. There is space to accommodate approximately 140 persons plus the Technical Resource Person from each Regional Medical Library. Attendees will be selected on a first-come, first-serve basis up to a maximum number per Region. This number is based upon the percentage of online centers in each Region.

The deadline for receipt of applications is August 1, 1984. After that date, if a Region's training spaces are not all filled, remaining spaces will be filled from any waiting lists of applicants from other Regions. To be assured a space in the class, please return the application form immediately. Individuals selected to attend the course will be notified by August 20 and will be provided with hotel and local transportation information at that time. Please note the following basic criteria for selection of attendees at the initial class:

1. Only one individual per institution may attend.
2. The individual must have attended NLM Initial Online Training and currently be providing online searching services.
3. Priority may be given to persons planning, over the next 12 months, to train large numbers of health professionals. Priority may also be given to those planning to train large numbers of trainers who will train search intermediaries to teach health professionals.

NLM is considering holding two additional sessions of this course in Midwestern and Western locations in 1985 if there is sufficient demand. If you are unable to attend the September class and/or would be interested in attending the course in another geographic location, please indicate this on the additional form provided. If you have any questions about the course, please contact Ms. Patricia Clark Buchan, MEDLARS Management Section, NLM, 301/496-6193.

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APPLICATION FORM  
TEACHING MEDLINE TO THE HEALTH CARE PROFESSIONAL  
September 20, 1984

Name \_\_\_\_\_ Date \_\_\_\_\_

Institution \_\_\_\_\_ Position \_\_\_\_\_

Address \_\_\_\_\_

City/State/ZIP \_\_\_\_\_ Telephone \_\_\_\_\_

Attended NLM Initial Online Training: Date \_\_\_\_\_ Location \_\_\_\_\_

In the next 12 months, I plan to train: \_\_\_\_\_ health professionals;  
\_\_\_\_\_ trainers.

Return this form to: National Library of Medicine  
MEDLARS Management Section  
Bethesda, MD 20209

APPLICATIONS DUE NO LATER THAN August 1, 1984.

+++++

INTERESTED IN ANOTHER COURSE LOCATION?

I cannot attend the September class, but would be interested in a class in  
\_\_\_\_\_ Midwestern \_\_\_\_\_ Western location in 1985.

Name \_\_\_\_\_ Position \_\_\_\_\_

Institution \_\_\_\_\_ Telephone \_\_\_\_\_

Address \_\_\_\_\_

City/State/ZIP \_\_\_\_\_

The changes in CHEMLINE record format and content are as follows:

1. The Synonym (SY) field has been augmented with the latest selected names from the RTECS, TDB, and MeSH files. These names have been appended with source designations in square brackets as before. This augmentation includes any changes in CAS Registry Number to name correspondence in these files since July 1983.
2. The sources for names taken from the TDB Name (NM) field are now appended with an asterisk to give the designation 'TDB\*'. Chemical Main Headings taken from the MeSH file linked to a CAS Registry Number already carry this asterisk in CHEMLINE. We hope that flagging names that have been chosen as primary designations in key files will help users in selecting the most useful names for further searching. Note that the generic name NAPROXEN, which retrieves far more postings in TOXLINE than the input name NAPROSYN, is now asterisked in two files, MeSH and TDB. While an asterisk may not always be appended to the source of the most useful name, where it appears, it will often be an indication of utility.
3. The MEDLINE designation in the Locator (LO) field reflects the presence of a given RN in the MEDLINE, MED80, or MED77 files. If it is found useful, we may differentiate the MEDLINE backfiles in a future regeneration.
4. Synonyms in records not augmented by NLM will carry the single source designation '[CAS]'. In the August 1983 regeneration of augmented CHEMLINE, only records to which NLM added names carried the source of the name.
5. Some records have been augmented with names chosen by NLM. Since several polymers exceed the system limit of 200 synonyms, we have been forced to leave out names in the past; some of these may have been useful names. For the most well known of these polymers, such as PVC, we have now added selected names and sorted them to print first in the Synonym (SY) field. These names carry the source designation '[NLM]' and are the first of a series of NLM chosen names to be added to CHEMLINE.

We are anxious to hear from users with suggestions for features they would like to see in CHEMLINE. We are currently evaluating other sources of bio-medically useful identifiers, as well as additional data elements and features. Please call or write us with your comments.

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NLM EXPANDS VIDEOCASSETTE LOAN PROGRAM:  
NEARLY 5,000 TITLES NOW AVAILABLE

Linda Watson, Audiovisual Resources Section, NLM

In February 1981, NLM began an experimental interlibrary loan program for a collection of some 1,000 videocassette titles listed within AVLINE. (News, December 1980, May 1981). In addition, 300 of those titles were placed in eleven satellite sites throughout the country to encourage decentralization of the loan service. The major goal of the program was to share some of the audiovisual resources of the National Library of Medicine in a manner consistent with the access provided for its literature collections.

A report prepared internally to evaluate the program's operation over a 2 1/2 year period\* has led the Library to expand the number of titles offered on loan from the National Library of Medicine to nearly 5,000. Beginning this month, all videocassettes identified in AVLINE or its printed catalogs are available (unless otherwise noted) on interlibrary loan to libraries in the U.S. and Puerto Rico. Two categories of videocassettes are not available--CIP titles (pre-production citations appear in AVLINE and can be identified by a (P) following the call number) and withdrawn titles (indicated in the AVLINE call number field (CA) as withdrawn).

The following borrowing rules apply when requesting videocassette loans from NLM:

- o Requests for the 300 titles tagged in AVLINE with NLM-ILL(s) should continue to be sent to the satellite site in your region, and other videocassette requests should follow established regional protocols for audiovisuals where appropriate.
- o NLM's standard interlibrary loan procedures, along with the \$5 charge per loan, are in effect.
- o Borrowing libraries are responsible for compliance with all copyright regulations. The videocassettes may not be duplicated without the permission of the producer.
- o In most cases, NLM owns only one copy of each AVLINE videocassette in 3/4" format. Requests are filled on an "as available" basis, so advance booking is not possible. The loan period is three weeks including transit time.

Requests should be submitted to: National Library of Medicine, Audiovisual Resources Section, 8600 Rockville Pike, Bethesda, MD 20209; (301) 496-4244. NLM Teletype Numbers are: TWX (Western Union) 710/828-9615; TELEX (30cps) 301/492-1817.

\*During this time, NLM provided 1,300 videocassette loans and the eleven satellite sites provided a total of 3,400 loans. If, according to some estimates, an average of 13 persons took the opportunity to view each videocassette borrowed by their institution, the total number of viewers during the period was about 61,000.

[This article will also appear in the April issue of the NLM News.]

INDEXED TITLES UPDATE  
 Esther L. Baldinger, Serial Records Section, NLM

Effective with this issue of the Technical Bulletin, a new feature entitled INDEXED TITLES UPDATE will appear on a regular basis. This section will provide information about serial titles cited in MEDLINE and HEALTH that have been recently selected or deselected for indexing, have undergone a title change, or ceased publication.

Journals to be added to or deleted from inclusion in Index Medicus are selected three times per year: March, July, and October. Titles indexed for HEALTH and special lists D (Dental) and N (Nursing) are added and deleted on an irregular basis. To date, publication of information regarding changes in status of indexed titles has been limited. Cumulative lists of IM title changes, cessations, additions and deletions from the previous year appear at the front of the annual edition of List of Journals Indexed in Index Medicus.<sup>\*</sup> The IM titles selected in March are listed at the front of the July Index Medicus. Although newly selected HEALTH, and Special lists D and N titles appear as part of the List of Serials Indexed for Online Users,<sup>\*\*</sup> no separate list of changes in indexing status is published for these titles.

The purpose of INDEXED TITLES UPDATE is to notify users about changes in the indexing status for titles included in MEDLINE and HEALTH, and to provide current bibliographic information about each title. (The list will be one way searchers can keep abreast of newly assigned title abbreviations and journal title codes). In addition, we will try to report any publication practices that may affect searching the online files or locating citations. An example of such a practice might be the publication of multiple editions of a title where the pagination of the same article is different in each edition.

This month's UPDATE appears on page 17. A sample entry appears below. We welcome your comments about the usefulness of this new feature.

IM BIOLOGY OF THE CELL  
 BIOL CELL  
 40N1,1981--  
 CERCLE FRANCAIS DE BIOLOGIE CELLULAIRE  
 IVRY SUR LA SEINE FRANCE  
 CONTINUES BIOLOGIE CELLULAIRE.  
 INDEXING BEGAN WITH V48N1,1983.  
 W1 B1852NL 0248-9000  
 B17725000 JTC: BOC

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\* List of Journals Indexed in Index Medicus, 1984, available from the Government Printing Office, Washington, DC 20402; Stock No. 017-052-00245-7; Price \$7.00 domestic, \$8.75 foreign.

\*\*List of Serials Indexed for Online Users, 1984, available from NTIS; Order no. PB84-156850; Price \$10.00 hardcopy, \$4.50 microfiche.

NEW SERIAL TITLES AND TITLE CHANGES SECTION -- DISCONTINUE OR KEEP?  
Esther L. Baldinger, Serial Records Section, NLM

The Technical Services Division of NLM is considering discontinuing the section of the NLM Technical Bulletin entitled NEW SERIAL TITLES AND TITLE CHANGES ANNOUNCEMENT. Due to space limitations, the list has always represented only a selected group of NLM serial titles. Feedback from some SERLINE users and NLM Technical Bulletin readers indicates that the announcement is no longer serving a useful purpose in the user network. Your comments and suggestions on this are welcome.

Beginning with this issue, a new serials service designed to provide information on serial titles cited in MEDLINE and HEALTH will appear regularly. (See the article entitled INDEXED TITLES UPDATE, page 15. While this new section will not replace the NEW SERIAL TITLES AND TITLE CHANGES ANNOUNCEMENT, it will list all title changes for indexed journals and the indexing status (recently selected, deselected, ceased publication, etc.) of MEDLINE and HEALTH titles.

Users who want to produce an updated list of all ON ORDER and IN PROCESS titles can do so by searching SERLINE and ranging on the DA (Date of Entry) data element. For example, to get a list of all ON ORDER and IN PROCESS records that were added to SERLINE in January and February, the search strategy would be:

SS 1: (CA) ON ORDER AND IN PROCESS  
SS 2: 1 AND FROM 840101 TO 840301 (DA)

If you have any questions, comments or opinions concerning the possible discontinuation of the section on NEW SERIAL TITLES AND TITLE CHANGES, please contact Ms. Esther Baldinger, Serial Records Section, NLM 301/496-1276.

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INDEXED TITLES UPDATE - APRIL 1984  
 Serial Records, Technical Services Division, NLM

The following titles cited in MEDLINE and HEALTH have been selected for indexing or undergone a title change since January 1984. Titles whose indexing status changed to "deselected" or "ceased" for this period will appear in the May NLM Technical Bulletin. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

Two titles requiring special explanation are: JOURNAL OF HAND SURGERY and HOSPITAL PRACTICE.

Beginning in 1984 both American and British volumes of the JOURNAL OF HAND SURGERY are being published. The American volume will continue to be published by C.V. Mosby, and will have a title abbreviation J HAND SURG [AM]. The British volume, published by Churchill Livingstone, continues the title THE HAND, and will have a title abbreviation J HAND SURG [BR]. Citations to both titles will have the letter "A" or "B" that corresponds to the appropriate volume in the VI field.

We previously reported on the fact that there are two editions of HOSPITAL PRACTICE. (See NLM Technical Bulletin, April 1983, p. 4.) The SERLINE records now reflect these two editions as indicated above. Only the office edition, which has the title abbreviation HOSP PRACT [OFF], is indexed for MEDLINE and collected at NLM. Please remember that although most of the feature articles in the two editions are identical in content, the pagination may differ.

TITLES SELECTED FOR INDEXING, JANUARY -- MARCH 1984

<p>IM ANATOMIA CLINICA                      ANAT CLIN                      1,1978--                      SPRINGER INTERNATIONAL                      BERLIN GERMANY, WEST                      COLOR SLIDES IN POCKET.                      INDEXING BEGAN WITH V5N1,1983.                      W1 AN1919W 0343-6098                      A30030000 JTC: ANC</p>	<p>INI AUSTRALIAN JOURNAL OF ADVANCED NURSING                      AUST J ADV NURS                      IN1,SEP-NOV 1983--                      ROYAL AUSTRALIAN NURSING FEDERATION                      SOUTH MELBOURNE AUSTRALIA                      ON ORDER                      A75325000 JTC: AJA</p>
<p>INI ANNUAL REVIEW OF NURSING RESEARCH                      ANNU REV NURS RES                      1,1983--                      SPRINGER PUBLISHING                      NEW YORK UNITED STATES                      IN PROCESS 0739-6686                      A54185000 JTC: ARR</p>	<p>IM BIOLOGY OF THE CELL                      BIOL CELL                      40N1,1981--                      CERCLE FRANCAIS DE BIOLOGIE CELLULAIRE                      IVRY SUR LA SEINE FRANCE                      CONTINUES BIOLOGIE CELLULAIRE.                      INDEXING BEGAN WITH V48N1,1983.                      W1 BI852NL 0248-9000                      B17725000 JTC: BOC</p>
<p>INI ANNUAL SYMPOSIUM ON NURSING FACULTY PRACTICE                      ANNU SYMP NURS FAC PRACT                      1ST,1983--                      AMERICAN ACADEMY OF NURSING                      KANSAS CITY MO UNITED STATES                      INDEXING BEGAN WITH N1, 1983.                      IN PROCESS                      A54983000 JTC: 6EC</p>	<p>HLI BUSINESS AND HEALTH                      BUS HEALTH                      IN1,NOV 1983--                      WASHINGTON BUSINESS GROUP ON HEALTH                      WASHINGTON UNITED STATES                      ON ORDER 0739-9413                      B58935000 JTC: BUH</p>

- IM CANCER INVESTIGATION  
 CANCER INVEST  
 IN1,1983--  
 MARCEL DEKKER  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 CA6798R 0735-7907  
 C05565000 JTC: CAI
- IM CELL AND MUSCLE MOTILITY  
 CELL MUSCLE MOTIL  
 1,1981--  
 PLENUM PRESS  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V3,1983.  
 W1 CE127 0730-9554  
 C10789000 JTC: CMM
- IM CELL STRUCTURE AND FUNCTION  
 CELL STRUCT FUNCT  
 1,1975--  
 JAPAN SOCIETY FOR CELL BIOLOGY  
 OKAYAMA JAPAN  
 INDEXING BEGAN WITH V8N1,1983.  
 W1 CE1282 0386-7196  
 C10820000 JTC: CSF
- IM CELL SURFACE REVIEWS  
 CELL SURF REV  
 1,1976--  
 NORTH HOLLAND PUBLISHING  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V9,1983.  
 W1 CE1283  
 C10840000 JTC: CSR
- IM CLINICAL RESEARCH  
 HLI CLIN RES  
 6,JAN,1958--  
 CHARLES B. SLACK  
 THOROFARE NJ UNITED STATES  
 INDEXING FOR IM BEGAN WITH V31N1,1983.  
 W1 CL778 0009-9279  
 C26840000 JTC: DIX
- IM CLINICAL REVIEWS IN ALLERGY  
 CLIN REV ALLERGY  
 IN1,MAR 1983--  
 ELSEVIER SCIENCE PUBLISHING  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 CL779LF 0731-8235  
 C26910300 JTC: CLA
- IM DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS  
 DISEASE  
 DIAGN MICROBIOL INFECT DIS  
 IN1,MAR 1983--  
 ELSEVIER SCIENCE PUBLISHING  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 DI258JD 0732-8893  
 D09605000 JTC: DMI
- HLI HEALTH CARE STRATEGIC MANAGEMENT  
 HEALTH CARE STRATEG MANAGE  
 IN1,OCT 1983--  
 CHI SYSTEMS  
 ANN ARBOR MI UNITED STATES  
 IN PROCESS  
 H04305000 JTC: GAE
- IM HINYOKIKA KIYO. ACTA UROLOGICA JAPONICA  
 HINYOKIKA KIYO  
 1,1955--  
 KYOTO UNIVERSITY HOSPITAL. DEPARTMENT OF  
 UROLOGY  
 KYOTO JAPAN  
 JAPONICA ADDED TO TITLE WITH VOL 7, 1961.  
 INDEXING BEGAN WITH V29N1,1983.  
 W1 HI409 0018-1994  
 H13280000 JTC: HKU
- HLI INDUSTRY AND HEALTH CARE  
 IND HEALTH CARE(CAMBRIDGE MA)  
 1,1983--  
 BALLINGER  
 CAMBRIDGE MA UNITED STATES  
 ON ORDER  
 I12655000 JTC: ICA
- IM INTERNATIONAL JOURNAL OF CELL CLONING  
 INT J CELL CLONING  
 IN1,APR 1983--  
 ALPHAMED PRESS  
 DAYTON OH UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 IN766CH 0737-1454  
 I26470000 JTC: IJC
- IM JOURNAL OF CLINICAL ONCOLOGY  
 HLI J CLIN ONCOL  
 IN1,JAN 1983--  
 GRUNE AND STATTON  
 NEW YORK UNITED STATES  
 OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF  
 CLINICAL ONCOLOGY  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 J05895 0732-183X  
 J16850000 JTC: JCO
- IM MEDICINE AND LAW  
 MED LAW  
 IN1,JUN 1982--  
 SPRINGER VERLAG  
 BERLIN GERMANY, WEST  
 INDEXING BEGAN WITH V2N1,1983.  
 W1 ME649F 0723-1393  
 M22155000 JTC: MAL
- IM MOLECULAR ASPECTS OF MEDICINE  
 MOL ASPECTS MED  
 1,1975--  
 PERGAMON PRESS  
 ELMSFORD NY UNITED STATES  
 INDEXING BEGAN WITH V6N1,1983.  
 W1 M0195H 0098-2997  
 M43140000 JTC: MAM

<p>IM NEW DIRECTIONS FOR MENTAL HEALTH SERVICES NEW DIR MENT HEALTH SERV N1,1979-- JOSSEY-BASS SAN FRANCISCO INDEXING BEGAN WITH N17,MAR 1983. W1 NE374E N14450000</p>	<p>UNITED STATES 0193-9416 JTC: NDM</p>	<p>IM NIPPON GEKA GAKKAI ZASSHI. JOURNAL OF THE JAPANESE SURGICAL SOCIETY NIPPON GEKA GAKKAI ZASSHI 1,1899-- NIPPON GEKA GAKKAI TOKYO JAPAN INDEXING BEGAN WITH V84N1,1983. W1 NI898 0301-4894 N24880000 JTC: NGG</p>
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<p>IM PSYCHIATRIC DEVELOPMENTS PSYCHIATR DEV INI,SPRING 1983-- OXFORD UNIVERSITY PRESS OXFORD ENGLAND INDEXING BEGAN WITH V1N1,1983. W1 P5256F 0262-9283 P53190000 JTC: PSD</p>
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TITLE CHANGES, JANUARY -- MARCH 1984

<p>IM ACTA BIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE ACTA BIOL ACAD SCI HUNG 1,1950-33N4,1982 AKADEMIAI KIADO BUDAPEST HUNGARY SUPERSEDES HUNGARICA ACTA BIOLOGICA. CONTINUED BY: ACTA BIOLOGICA HUNGARICA. W1 AC759 0001-5288 A04425000 JTC: OBQ</p>	<p>IM ANATOMICAL RECORD. SUPPLEMENT ANAT REC [SUPPL] 1,1983-- ALAN R. LISS NEW YORK UNITED STATES W1 AN193A 0003-276X A30075100 JTC: 4QN</p>
--	--

<p>IM ACTA BIOLOGICA HUNGARICA ACTA BIOL HUNG 34,1983-- AKADEMIAI KIADO BUDAPEST HUNGARY CONTINUES: ACTA BIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE. W1 AC7631D A04460000 JTC: ODF</p>	<p>INI ANNUAL REVIEW OF NURSING RESEARCH ANNU REV NURS RES 1,1983-- SPRINGER PUBLISHING NEW YORK UNITED STATES IN PROCESS 0739-6686 A54185000 JTC: ARR</p>
--	--

<p>HLI AMERICAN LUNG ASSOCIATION BULLETIN INI Am Lung Assoc Bull 59N5,1973-69N3,1983 AMERICAN LUNG ASSOCIATION NEW YORK UNITED STATES CONTINUES BULLETIN OF THE NATIONAL TUBERCULOSIS AND RESPIRATORY DISEASE ASSOCIATION NO LONGER INDEXED FOR SPECIAL LIST N. INDEXING FOR SPECIAL LIST M BEGAN WITH V.6N10, DEC 1977. W1 AM563 0092-5659 A25200000 JTC: 40G</p>	<p>INI ANNUAL SYMPOSIUM ON NURSING FACULTY PRACTICE ANNU SYMP NURS FAC PRACT 1ST,1983-- AMERICAN ACADEMY OF NURSING KANSAS CITY MO UNITED STATES INDEXING BEGAN WITH N1, 1983. IN PROCESS A54983000 JTC: 6EC</p>
<p>IM ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE ARCH PATHOL LAB MED 100,1976-- AMERICAN MEDICAL ASSOCIATION CHICAGO UNITED STATES CONTINUES ARCHIVES OF PATHOLOGY. W1 AR468A 0363-0153 A61860000 JTC: 79Z</p>	

- IDL ARS CURANDI EM ODONTOLOGIA  
 ARS CURANDI ODONTOL  
 1,1974?-8N3,1981?  
 MEDISA EDITORA  
 SAO PAULO  
 W1 AR93G  
 A67275000  
 BRAZIL  
 0100-2147  
 JTC: 896
- INI DEANS LIST  
 DEANS LIST  
 1N1,FEB 1980-5N2,NOV 1983  
 ANTHONY J JANNETTI  
 PITMAN NJ  
 THIS TITLE IS NOT IN THE NLM COLLECTION.  
 CONTINUED BY: DEANS NOTES.  
 ANA  
 002110500  
 UNITED STATES  
 JTC: EAN
- HLI BIOETHICS QUARTERLY  
 BIOETHICS Q  
 2,1980-3N3/4, FALL/WINTER 1981  
 HUMAN SCIENCES PRESS  
 NEW YORK  
 CONTINUES BIOETHICS NORTHWEST. SPONSORED  
 BY THE NORTHWEST INSTITUTE OF ETHICS AND  
 THE LIFE SCIENCES. CONTINUED BY: JOURNAL  
 OF BIOETHICS.  
 W1 BI663V  
 B15590000  
 UNITED STATES  
 0163-9803  
 JTC: BAV
- INI DEANS NOTES  
 DEANS NOTES  
 5N3,JAN 1984--  
 ANTHONY J JANNETTI  
 PITTMAN NJ  
 CONTINUES DEANS LIST. THIS TITLE IS NOT IN  
 THE NLM COLLECTION.  
 ANA  
 002115000  
 UNITED STATES  
 JTC: DEN
- IM BRITISH JOURNAL OF ORAL AND MAXILLOFACIAL  
 SURGERY  
 IDL  
 BR J ORAL MAXILLOFAC SURG  
 22N1,FEB 1984--  
 CHURCHILL LIVINGSTONE  
 EDINBURGH  
 CONTINUES: BRITISH JOURNAL OF ORAL SURGERY.  
 W1 BR593  
 B35110000  
 SCOTLAND  
 0199-736X  
 JTC: D90  
 JTC: AZR
- IDL DENTALPRACTICE  
 DENTALPRACTICE  
 1,1980-3,1982  
 STEVENS PUBLISHING CORPORATION  
 WACO TX  
 SUPERSEDES DENTAL GRADUATE.  
 ON ORDER  
 005202000  
 UNITED STATES  
 0199-736X  
 JTC: D90
- IM BRITISH JOURNAL OF ORAL SURGERY  
 IDL  
 BR J ORAL SURG  
 1,1963-21N4,DEC 1983  
 CHURCHILL LIVINGSTONE  
 EDINBURGH  
 CONTINUED BY: BRITISH JOURNAL OF ORAL AND  
 MAXILLOFACIAL SURGERY.  
 W1 BR594  
 B35120000  
 SCOTLAND  
 0007-117X  
 JTC: AZS
- IM DIAGNOSTIC IMAGING  
 DIAGN IMAGING  
 48,1979-52,1983  
 KARGER  
 BASEL  
 CONTINUES RADIOLOGIA CLINICA. ORGAN OF THE  
 NETHERLANDS SOCIETY OF RADIODIAGNOSIS.  
 CONTINUED BY: DIAGNOSTIC IMAGING IN  
 CLINICAL MEDICINE.  
 INDEXING BEGAN WITH V.48,N1,1979  
 W1 DI258I  
 009570000  
 SWITZERLAND  
 0378-9837  
 JTC: EAI
- HLI BUSINESS AND HEALTH  
 BUS HEALTH  
 1N1,NOV 1983--  
 WASHINGTON BUSINESS GROUP ON HEALTH  
 WASHINGTON  
 ON ORDER  
 B58935000  
 UNITED STATES  
 0739-9413  
 JTC: BUH
- IM DIAGNOSTIC IMAGING IN CLINICAL MEDICINE  
 DIAGN IMAGING CLIN MED  
 53,1984--  
 KARGER  
 BASEL  
 ORGAN OF THE NETHERLANDS SOCIETY OF  
 RADIODIAGNOSIS. CONTINUES: DIAGNOSTIC  
 IMAGING.  
 W1 DI258IF  
 009576000  
 SWITZERLAND  
 JTC: DIC
- IM CLINICS IN OBSTETRICS AND GYNAECOLOGY.  
 SUPPLEMENT  
 CLIN OBSTET GYNAECOL [SUPPL]  
 1,1980--  
 W.B. SAUNDERS  
 LONDON  
 ON ORDER  
 C27460020  
 ENGLAND  
 0306-3356  
 JTC: DFK

- IM HOSPITAL PRACTICE  
HOSP PRACT  
1,1966-15N12,DEC 1980  
HP PUBLISHING  
NEW YORK UNITED STATES  
CONTINUED BY: HOSPITAL PRACTICE (OFFICE  
EDITION) AND: HOSPITAL PRACTICE (HOSPITAL  
EDITION).  
NLM STARTED INDEXING FROM THE OFFICE  
EDITION WHEN IT BEGAN WITH V16,1981, BUT  
THE FOLLOWING ISSUES WERE INDEXED FROM THE  
HOSPITAL EDITION: FEB,MAR,AND APR 1981;  
MAR,APR,MAY,JUN 1982.  
W1 H087G 0018-5809  
H19840000 JTC: G02
- IM HOSPITAL PRACTICE (OFFICE EDITION)  
HOSP PRACT [OFF]  
16N1,JAN 1981--  
HP PUBLISHING  
NEW YORK UNITED STATES  
CONTINUES IN PART: HOSPITAL PRACTICE. ED.  
STATEMENT FOR JAN. 1981-DEC. 1983 APPEARS  
ONLY AS LETTER O AT END OF MASTHEAD.  
CONTENTS OF FEATURE ARTICLES IDENTICAL TO  
HOSPITAL PRACTICE (HOSPITAL EDITION), BUT  
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THE HOSPITAL ED.  
INDEXING BEGAN WITH V16,1981, BUT THE  
FOLLOWING ISSUES WERE INDEXED FROM THE  
HOSPITAL EDITION: FEB,MAR,AND APR 1981;  
MAR,APR,MAY,AND JUN 1982.  
W1 H087GB  
H19842000 JTC: HPO
- HLI HOSPITAL SUPERVISION  
HOSP SUPERV  
UNITED STATES  
CONTINUED BY HEALTH SERVICES MANAGER. THIS  
TITLE IS NOT IN THE NLM COLLECTION.  
AHA  
H20220000 JTC: 69U
- IM INDIAN JOURNAL OF LEPROSY  
IND J LEPR  
56,1984--  
HIND KUSHT NIVARAN SANGH  
NEW DELHI INDIA  
CONTINUES: LEPROSY IN INDIA.  
ON ORDER  
I09630000 JTC: IJL
- HLI INDUSTRY AND HEALTH CARE  
IND HEALTH CARE(CAMBRIDGE MA)  
1,1983--  
BALLINGER  
CAMBRIDGE MA UNITED STATES  
ON ORDER  
I12655000 JTC: ICA
- IM IOWA MEDICINE  
IOWA MED  
74N1,JAN 1984--  
IOWA MEDICAL SOCIETY  
DES MOINES IA UNITED STATES  
CONTINUES: JOURNAL OF THE IOWA MEDICAL  
SOCIETY.  
W1 I0295FF 0746-8709  
I38370000 JTC: GWQ
- HLI JOURNAL / AMERICAN MEDICAL RECORD  
ASSOCIATION  
J AM MED REC ASSOC  
V54N1,JAN 1983--  
AMERICAN MEDICAL RECORD ASSOCIATION  
CHICAGO UNITED STATES  
CONTINUES: JOURNAL OF THE AMERICAN MEDICAL  
RECORD ASSOCIATION  
IN PROCESS  
J11895100 JTC: GJU
- HLI JOURNAL OF THE AMERICAN MEDICAL RECORD  
ASSOCIATION  
J AM MED REC ASSOC  
51N4,AUG 1980-53N6,DEC 1982  
AMERICAN MEDICAL RECORD ASSOCIATION  
CHICAGO UNITED STATES  
CONTINUES: MEDICAL RECORD NEWS. CONTINUED  
BY: JOURNAL / AMERICAN RECORD ASSOCIATION.  
W1 J0909NM 0273-9976  
J11896000 JTC: GJV
- HLI JOURNAL OF BIOETHICS  
J BIOETHICS  
4N1, 1982--  
HUMAN SCIENCES PRESS  
NEW YORK UNITED STATES  
CONTINUES: BIOETHICS QUARTERLY.  
ON ORDER  
J14330000 JTC: IAA
- IM JOURNAL OF HAND SURGERY  
J HAND SURG [BR]  
9BN1,FEB 1984--  
CHURCHILL LIVINGSTONE  
EDINBURGH SCOTLAND  
CONTINUES: THE HAND. VOL. NUMBERING FOR  
L984- REFLECTS NUMBERING OF THE AMERICAN  
VOLUME OF THE JOURNAL OF HAND SURGERY.  
W1 J0669RC  
J22370000 JTC: IRE
- IM JOURNAL OF THE IOWA MEDICAL SOCIETY  
J IOWA MED SOC  
51N9,1961-73N12,DEC 1983  
IOWA MEDICAL SOCIETY  
DES MOINES IA UNITED STATES  
CONTINUES JOURNAL OF THE IOWA STATE MEDICAL  
SOCIETY. CONTINUED BY IOWA MEDICINE  
W1 J0931Z 0021-0587  
J24900000 JTC: IIF

- IDL JOURNAL OF THE KANSAS STATE DENTAL ASSOCIATION  
 J KANS STATE DENT ASSOC  
 17,1933-65N4,OCT 1981  
 KANSAS STATE DENTAL ASSOCIATION  
 KANSAS CITY KS UNITED STATES  
 CONTINUES BULLETIN OF THE KANSAS STATE DENTAL ASSOCIATION. CONTINUED BY: JOURNAL OF THE KANSAS DENTAL ASSOCIATION.  
 W1 J0934J 0022-8796  
 J26640000 JTC: ISX
- IM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA  
 J OPT SOC AM  
 1N1,1917-67N1,1983  
 AMERICAN INSTITUTE OF PHYSICS  
 LANCASTER PA UNITED STATES  
 CONTINUES IN PART JOURNAL OF THE OPTICAL SOCIETY OF AMERICA AND REVIEW OF SCIENTIFIC INSTRUMENTS. SUPPLEMENTS ACCOMPANY SOME VOLUMES. CONTINUED BY: JOURNAL OF THE OPTICAL SOCIETY OF AMERICA. PART A, OPTICS AND IMAGE SCIENCE AND : JOURNAL OF THE OPTICAL SOCIETY OF AMERICA. PART B.  
 W1 J0944G 0030-3941  
 J32860000 JTC: JHZ
- IM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA.  
 PART A, OPTICS AND IMAGE SCIENCE  
 J OPT SOC AM [A]  
 1N1,JAN 1984--  
 OPTICAL SOCIETY OF AMERICA  
 WASHINGTON UNITED STATES  
 CALLED ALSO: SERIES 2. CONTINUES IN PART: JOURNAL OF THE OPTICAL SOCIETY OF AMERICA.  
 W1 J0944GD 0740-3232  
 J32870000 JTC: JH1
- IM LEPROSY IN INDIA  
 LEPR INDIA  
 1,1929-55N4,1983  
 INDIAN COUNCIL OF THE BRITISH EMPIRE  
 LEPROSY RELIEF ASSOCIATION  
 NEW DELHI INDIA  
 CONTINUED BY INDIAN JOURNAL OF LEPROSY.  
 W1 LE862 0024-1024  
 L06000000 JTC: KZ6
- IM PHARMACOPSYCHIATRIA  
 PHARMACOPSYCHIATRIA  
 14N1,JAN 1981-16N4,JUL 1983  
 THIEME  
 STUTTGART GERMANY, WEST  
 CONTINUES: PHARMAKOPSYCHIATRIE  
 NEURO-PSYCHOPHARMAKOLOGIE. CONTINUED BY:  
 PHARMACOPSYCHIATRY.  
 W1 PH289T 0720-4280  
 P11517000 JTC: P47
- IM PHARMACOPSYCHIATRY  
 PHARMACOPSYCHIATRY  
 17N1,JAN 1984--  
 GEORG THIEME VERLAG  
 STUTTGART GERMANY, WEST  
 CONTINUES: PHARMACOPSYCHIATRIA.  
 W1 PH289V  
 P11518000 JTC: P49
- IM PRAXIS  
 PRAXIS  
 12,1923-58,DEZ 1969  
 HALLWAG VERLAG  
 BIPN SWITZERLAND  
 CONTINUES SCHWEIZERISCHE RUNDSCHAU FUR MEDIZIN. CONTINUED BY: SCHWEIZERISCHE RUNDSCHAU FUR MEDIZIN PRAXIS. REVUE SUISSE DE MEDECINE PRAXIS.  
 W1 PR309  
 P22760000 JTC: PK9
- IM PROCEEDINGS OF THE...ANNUAL CONFERENCE ON RESEARCH IN MEDICAL EDUCATION  
 PROC ANNU CONF RES MED EDUC  
 22ND,1983--  
 ASSOCIATION OF AMERICAN MEDICAL COLLEGES  
 WASHINGTON UNITED STATES  
 CONTINUES: ANNUAL CONFERENCE ON RESEARCH IN MEDICAL EDUCATION.  
 W3 C38832D  
 P28741000 JTC: 5X9
- IM PSYCHIATRIA CLINICA  
 PSYCHIATR CLIN (BASEL)  
 1,1968-16N5-6,1983  
 KARGER  
 BASEL SWITZERLAND  
 SUPERSEDES IN PART PSYCHIATRIA ET NEUROLOGIA  
 W1 PS238P 0033-264X  
 P52840000 JTC: Q9Q
- INI REVISTA DE ENFERMAGEM  
 Rev Enferm (Lisboa)  
 1,1953-21,1974?  
 SINDICATO NACIONAL DOS PROFISSIONAIS DE ENFERMAGEM  
 LISBON PORTUGAL  
 W1 RE394 0034-8090  
 R32980000 JTC: RSP
- IM SCANNING ELECTRON MICROSCOPY  
 SCAN ELECTRON MICROSC  
 1,1968--  
 SCANNING ELECTRON MICROSCOPY  
 CHICAGO UNITED STATES  
 SPONSORED BY THE METALS RESEARCH DIVISION OF IIT RESEARCH INSTITUTE, 1968-77. VOLS. FOR 1968-77 CONSIST OF PROCEEDINGS OF THE 1ST-10TH ANNUAL SCANNING ELECTRON MICROSCOPE SYMPOSIUM (AND OTHER MEETINGS, 1971- ). VOLS. FOR 1973- ACCOMPANIED BY ADVERTISERS BROCHURE AND EXHIBITION INFORMATION. ISSUED IN PARTS, 1976-  
 EARLIER VOLUMES INDEXED AS MONOGRAPHS. REGULAR SERIAL INDEXING BEGAN WITH 1979  
 W3 SC425N 0586-5581  
 S08120000 JTC: UCU

- IM SCHWEIZERISCHE MONATSSCHRIFT FUR ZAHNMEDIZIN IM ZENTRALBLATT FUR BAKTERIOLOGIE,  
SCHWEIZ MONATSSCHR ZAHNMED MIKROBIOLOGIE UND HYGIENE. 1. ABT.  
94N1,1984-- ORIGINALA A, MEDIZINISCHE MIKROBIOLOGIE,  
SOCIETE SUISSE D ODONTO STOMATOLOGIE INFEKTIONSKRANKHEITEN UND PARASITOLOGIE  
ZURICH SWITZERLAND ZENTRALBL BAKTERIOL MIKROBIOL HYG [A]  
CONTINUES: SSO. SCHWEIZERISCHE 247N1,JUN 1980-255N4,NOV 1983  
MONATSSCHRIFT FUR ZAHNHEILKUNDE. GUSTAV FISCHER VERLAG  
WI SC493F STUTTGART GERMANY, WEST  
S10950000 JTC: UEV ARTICLES IN ENGLISH OR GERMAN; SUMMARIES IN  
BOTH LANGUAGES. SECTION TITLE VARIES  
SLIGHTLY: MED. MIKROBIOLOGIE,  
INFEKTIONSKRANKHEITEN, VIROLOGIE,  
PARASITOLOGIE, MAY 1982- . CONTINUES:  
ZENTRALBLATT FUR BAKTERIOLOGIE. 1. ABT.  
ORIGINALA A, MEDIZINISCHE MIKROBIOLOGIE,  
INFEKTIONSKRANKHEITEN UND PARASITOLOGIE.  
CONTINUED BY: ZENTRALBLATT FUR  
BAKTERIOLOGIE, MIKROBIOLOGIE, UND HYGIENE.  
SERIES A, MEDICAL MICROBIOLOGY, INFECTIOUS  
DISEASES, VIROLOGY, PARASITOLOGY.  
WI ZE775BC 0174-3031  
Z06615500 JTC: Y5N
- IM SCHWEIZERISCHE RUNDSCHAU FUR MEDIZIN PRAXIS. ZENTRALBLATT FUR BAKTERIOLOGIE,  
SCHWEIZ RUNDSCH MED PRAX MIKROBIOLOGIE, UND HYGIENE. SERIES A,  
59,JAN 6 1970-- ORIGINALA A, MEDIZINISCHE MIKROBIOLOGIE,  
HALLWAG INFEKTIONSKRANKHEITEN, VIROLOGIE,  
BERN SWITZERLAND PARASITOLOGIE, MAY 1982- . CONTINUES:  
WI SC618 0369-8394 ZENTRALBLATT FUR BAKTERIOLOGIE. 1. ABT.  
S10955000 JTC: SRM SERIES A, MEDICAL MICROBIOLOGY, INFECTIOUS  
DISEASES, VIROLOGY, PARASITOLOGY.  
WI ZE775BC 0174-3031  
Z06615500 JTC: Y5N
- IM SOMATIC CELL GENETICS ZENTRALBLATT FUR BAKTERIOLOGIE,  
Somatic Cell Genet MIKROBIOLOGIE, UND HYGIENE. SERIES A,  
1,1975-9N6,1983 ORIGINALA A, MEDIZINISCHE MIKROBIOLOGIE,  
PLENUM INFEKTIONSKRANKHEITEN, VIROLOGIE,  
NEW YORK UNITED STATES PARASITOLOGIE, MAY 1982- . CONTINUES:  
CONTINUED BY SOMATIC CELL AND MOLECULAR ZENTRALBLATT FUR BAKTERIOLOGIE. 1. ABT.  
GENETICS ORIGINALA A, MEDIZINISCHE MIKROBIOLOGIE,  
WI S0887K 0098-0366 INFEKTIONSKRANKHEITEN UND PARASITOLOGIE.  
S30860000 JTC: VAJ CONTINUED BY: ZENTRALBLATT FUR  
BAKTERIOLOGIE, MIKROBIOLOGIE, UND HYGIENE.  
SERIES A, MEDICAL MICROBIOLOGY, INFECTIOUS  
DISEASES, VIROLOGY, PARASITOLOGY.  
WI ZE775BC 0174-3031  
Z06615500 JTC: Y5N
- IM SOMATIC CELL AND MOLECULAR GENETICS ZENTRALBLATT FUR BAKTERIOLOGIE,  
SOMATIC CELL MOL GENET MIKROBIOLOGIE, UND HYGIENE. SERIES A,  
10N1,JAN 1984-- ORIGINALA A, MEDIZINISCHE MIKROBIOLOGIE,  
PLENUM INFEKTIONSKRANKHEITEN UND PARASITOLOGIE.  
NEW YORK UNITED STATES WI ZE77BDH  
CONTINUES: SOMATIC CELL GENETICS. Z06619000 JTC: Y55  
WI S0887JK 0740-7750  
S30870000 JTC: UY2
- IM SSO: SCHWEIZERISCHE MONATSSCHRIFT FUR ZAHNHEILKUNDE  
SSO SCHWEIZ MONATSSCHR ZAHNHEILKD  
32,1922-93N12,DEC 1983  
SOCIETE SUISSE D ODONTO STOMATOLOGIE  
ZURICH SWITZERLAND  
CONTINUES SCHWEIZERISCHE  
VIERTELJAHRSSCHRIFT FUR ZAHNHEILKUNDE.  
CONTINUED BY: SCHWEIZERISCHE MONATSSCHRIFT  
FUR ZAHNMEDIZIN.  
WI S63 0036-7702  
S36960000 JTC: UEV

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT - MARCH 1984  
Serial Records, Technical Services Division, NLM

The following substantive serial titles were received or ordered by the Serial Records Section. IM to the left of the title indicates that the title appears in Index Medicus. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

ADVANCES IN ANESTHESIA  
1,1984--  
YEAR BOOK MEDICAL PUBLISHERS  
CHICAGO UNITED STATES  
IN PROCESS  
A13027000  
\$49.95

AMERICAN JOURNAL OF COSMETIC SURGERY  
1N1,WINTER 1984--  
AMERICAN BOARD OF COSMETIC SURGERY  
JOURNAL OF THE AMERICAN SOCIETY OF COSMETIC  
SURGEONS AND OFFICIAL PUBLICATION OF THE  
AMERICAN SOCIETY OF LIPO-SUCTION SURGERY.  
LOS ANGELES UNITED STATES  
AMERICAN BOARD OF COSMETIC SURGERY,6333  
WILSHIRE BLVD,SUITE 409,LOS ANGELES CA  
90048-5795  
ON ORDER  
A24080000  
\$50.00

BRITISH JOURNAL OF PSYCHOTHERAPY  
1N1,FALL 1984--  
ARTESIAN BOOKS  
LONDON ENGLAND  
ARTESIAN BOOKS,18 ARTESIAN RD,LONDON  
W2,ENGLAND  
ON ORDER  
B35435000  
\$50.00

CARDIOVASCULAR DRUGS  
1N1,APR 1983--  
EXCERPTA MEDICA  
AMSTERDAM NETHERLANDS  
ON ORDER  
C07550000  
\$324.00

CHILD AND ADOLESCENT SOCIAL WORK JOURNAL  
1N1,SEP 1983--  
HUMAN SCIENCES PRESS  
NEW YORK UNITED STATES  
HUMAN SCIENCES PRESS,72 5TH AVE,NEW YORK NY  
10011  
ON ORDER  
C17815700  
\$58.00

CLINICAL EXPERIENCE  
1,MAR 1984--  
H.P. PUBLISHING  
NEW YORK UNITED STATES  
ON ORDER  
C25430000

CURRENT ISSUES IN PSYCHOANALYTIC PRACTICE  
1N1,SPRING 1984--  
HAWORTH PRESS  
NEW YORK UNITED STATES  
HAWORTH PRESS INC, 28 EAST 22ND STREET, NEW  
YORK 10010  
ON ORDER  
C55872600  
\$40.00

DIABETIC MEDICINE  
1,APR 1984--  
JOHN WILEY AND SONS  
CHICHESTER ENGLAND  
JOHN WILEY AND SONS LTD., BAFFIN LANE  
CHICHESTER, SUSSEX PO19 1UD, ENGLAND  
ON ORDER  
D09300500  
\$69.00

INNOVATION IN MICROBIOLOGY SERIES  
1,1983--  
RESEARCH STUDIES PRESS  
LETCHEWORTH ENGLAND  
HERTFORDSHIRE  
RESEARCH STUDIES PRESS LTD., 58B STATION  
RD, LETCHWORTH HERTS SG6 3BE, ENGLAND  
IN PROCESS  
I17085000

JOURNAL OF COMMUNITY HEALTH NURSING  
1N1,JAN 1984--  
LAWRENCE ERLBAUM ASSOCIATES  
HILLSDALE NJ UNITED STATES  
ERLBAUM ASSOCIATES INC., 365 BROADWAY,  
HILLSDALE NJ 07642  
ON ORDER  
J17445000  
\$40.00

IM JOURNAL OF HAND SURGERY  
9BN1,FEB 1984--  
CHURCHILL LIVINGSTONE  
CONTINUES: THE HAND. VOL. NUMBERING FOR  
1984- REFLECTS NUMBERING OF THE AMERICAN  
VOLUME OF THE JOURNAL OF HAND SURGERY.  
EDINBURGH SCOTLAND  
W1 J0669RC  
J22370000

M.D. COMPUTING  
1N1,1984--  
SPRINGER-VERLAG  
NEW YORK  
UNITED STATES  
SPRINGER-VERLAG NEW YORK INC, SERVICE  
CENTER SECAUCUS, 44 HARTZ WAY, SECAUCUS NJ  
07094  
IN PROCESS  
M08470000  
\$19.50

NEUROSCIENCE RESEARCH  
1N1,FEB 1984--  
ELSEVIER SCIENCE  
OFFICIAL JOURNAL OF THE JAPAN NEUROSCIENCE  
SOCIETY.  
TOKYO JAPAN  
ELSEVIER, P.O. BOX 85, LIMERICK IRELAND  
ON ORDER  
N13597500  
\$95.00

TRENDS AND TECHNIQUES IN THE CONTEMPORARY  
DENTAL LABORATORY  
1N1,JAN 1984--  
NATIONAL ASSOCIATION OF DENTAL LABORATORIES  
ALEXANDRIA VA UNITED STATES  
NATIONAL ASSOCIATION OF DENTAL  
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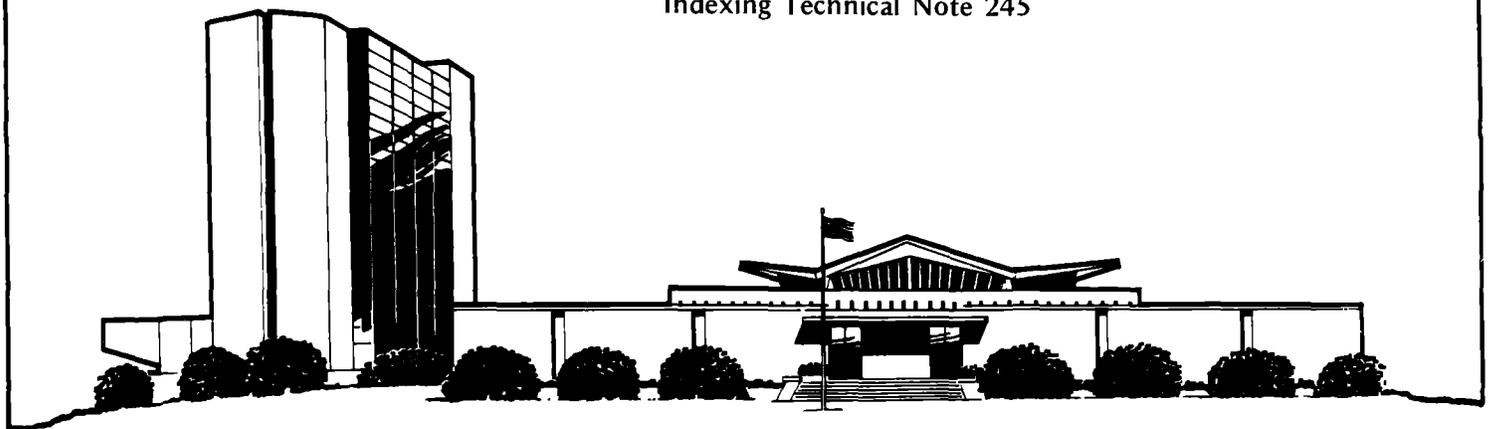
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AVLINE	12,439	THROUGH 1984	10 MAY 84	
BIOETHICS	16,077	JAN 73-FEB 84	30 APR 84	8404(EM)
CANCERLIT	402,377	JAN 63-MAY 84	08 MAY 84	8405(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	516,434	THROUGH 1984	10 MAY 84	
CHEMLINE	598,165		23 APR 84	8403(EM)
CLINPROT	4,292		23 APR 84	8404(EM)
DIRLINE	13,245		13 FEB 84	
EXPRESS	7,653	JAN 84-MAY 84	09 MAY 84	8405(EM)
HEALTH	277,963	JAN 75-JUN 84	14 MAY 84	8406(EM)
HISTLINE	61,355		16 MAY 84	8405(EM)
MEDLINE	568,857	JAN 82-JUN 84	07 MAY 84	8406(EM)
MED80	529,269	JAN 80-DEC 81	19 MAR 84	
MED77	775,186	JAN 77-DEC 79	16 APR 84	
MED75	642,721	JAN 75-DEC 76	13 FEB 84	
MED71	883,989	JAN 71-DEC 74	19 MAR 84	
MED66	954,650	JAN 66-DEC 70	07 MAY 84	
MESH VOC	49,967	1984	14 MAY 84	
NAME AUTH	160,180		07 MAY 84	
PDQ	1,019		30 APR 84	8404(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	123,221	1970-MAY 84	14 MAY 84	8405(EM)
RTECS	66,954	THROUGH JAN 84	19 MAR 84	
SDILINE	24,821	JUN 84	07 MAY 84	
SERLINE	42,594	1984	19 APR 84	
TDB	4,117		27 DEC 83	
TOXLINE	729,404		23 APR 84	8404(EM)
CBAC	371,001	1979-VOL 100(6-7)		
TOXBIB	133,390	1979-MAY 84		
IPA (ASHP)	33,004	1979-VOL 21(7-8)		
HEEP	59,493	1979-VOL 13(5)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	19,465	GRA & I 82(25)-84(2,3)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
 Assistant Editor: Rose Marie Woodsmall  
 Technical Notes Editor: Patricia E. Healy  
 Production Assistant: Mildred D. Mader  
 301/496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

INDEPENDENCE DAY HOLIDAY - On Wednesday, July 4, 1984, the NLM computer will be down all day in observance of the Independence Day holiday.

TRAINING BACKUP SEARCHERS - Effective immediately, "backup" or secondary searchers will not be scheduled into any Initial class in 1984. This action has become necessary in order to provide training to the recipients of new codes or to primary searchers. Attendance at Initial training is required before an institution or individual may receive a MEDLARS User ID code.

Applications received from backup searchers will be returned to the searcher with a letter of explanation. These applications may be resubmitted when the 1985 class schedule is announced. Until the 1985 schedule is available, searchers may wish to take advantage of the new INTROMED file and/or \*MEDLEARN\* for the inhouse training of backup searchers.

\*MEDLEARN\* LOGON - To access \*MEDLEARN\*, a logon procedure that differs slightly from the MEDLINE login procedure is required. This procedure follows:

1. Connect to NLM via the appropriate telecommunications network.

2. As usual, type: /LOGIN. Press 'carriage return.'

3. The computer will respond with:

PLEASE ENTER USERID/PASSWORD OR LOGON  
\*\*\*\*\*

4. Type LOGON (over the marks). Press 'carriage return.'

5. The computer will respond with:

IKJ56700A ENTER USERID -

Type your five-character User ID code, e.g., ABC01, and press 'carriage return.' No password is necessary here.

6. The computer will respond with:

ENTER CURRENT PASSWORD FOR ABC01

After the colon, type the password that was originally assigned to you when you first received your User ID code, or the password that has been assigned for \*MEDLEARN\* use. If this does not work, type the current password for your User ID code. If you continue to experience difficulties, please call the MEDLARS Management Service desk.

7. The computer will respond with:

: LOGON IN PROGRESS AT (time) ON (date)

DO YOU WANT MEDLEARN ENTER YES OR NO:

Type YES after the colon and press 'carriage return.'

(You will then be connected to \*MEDLEARN\*.)

\*MEDLEARN\* is available during Eastern Time:

Monday-Friday	3:00 AM to 10:00 AM 11:00 AM to 2:00 PM 5:00 PM to 9:00 PM
---------------	--

Saturday	8:30 AM to 10:00 AM 11:00 AM to 2:00 PM
----------	--

\*MEDLEARN\* is entirely self-contained, i.e., the instructions for using the program are contained within \*MEDLEARN\*. The only "tool" required to use \*MEDLEARN\* is a copy of the Medical Subject Headings. \*MEDLEARN\* takes approximately four hours to complete. The cost for using \*MEDLEARN\* is \$22.00/hour Prime time and \$15.00/hour Non-prime time.

PRIME AND  
NON-PRIME  
SEARCHING

- With the implementation of the online component charging algorithm, a time check is now performed by the computer at ten minute intervals. This means that a search initiated in Non-prime time, that continues into Prime time (or vice versa), will be billed at both rates.

LIST OF  
JOURNALS  
INDEXED IN  
INDEX MEDICUS

- The List of Journals Indexed in Index Medicus is now available for purchase from the U.S. Government Printing Office. The stock number is: S/N 017-052-00245-7; the domestic price is \$7.50 (\$8.75 foreign). Orders should be sent to:

Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402  
202/783-3238 (for phone orders)

TELENET,  
TYMNET, UNINET  
EXPECTED  
MAILINGS

- Users should expect to receive mailings from Telenet, Tymnet, and Uninet containing brochures on access via each network. A new phones list as well as the Uninet logon procedure will be included in the June Technical Bulletin. The logon procedure will also be detailed in the online news. Uninet access is expected to be available June 4, 1984.

- INDEXING - Indexing Technical Note Number 245 is enclosed with this  
TECHNICAL NOTES issue.
- KEYWORD INDEX - Enclosed with this issue is the Keyword Index to NLM Literature  
TO NLM Searches (79-1--84-7). Copies of the searches contained  
LITERATURE on this list may be obtained by writing:  
SEARCHES

Literature Search Program  
Reference Section  
National Library of Medicine  
Bethesda, Maryland 20209

The name and address of the requester, typed on a gummed label, must accompany all requests (no return postage necessary). Order by Literature Search or Specialized Bibliography Series number in addition to title. Requests for these searches should not be sent to MEDLARS Management Section.

- DIRLINE - Included with this issue are replacement pages for the  
MANUAL DIRLINE chapter of the Online Services Reference Manual, 1982.  
PAGES Searchers should take special note of revised Section 26.4.3  
(Manual 26+) (COUNTRY/STATE) and Section 26.5.3 (GEOGRAPHIC SEARCHING).  
States are now searchable in DIRLINE using U.S. Postal Service (USPS) state name abbreviations.

*PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE MOST RECENT NEWS ITEMS ONLINE*

\*\*\*\*\*

## REPORT ON FEBRUARY 14-19, 1983 MEDLARS SPECIAL LOGIN PROCEDURE

### INTRODUCTION

During the week of February 14-19, 1983, NLM implemented a special login procedure for domestic users. The purpose of this login was to improve NLM's understanding of users' information needs. This special login was only used during this week.

### METHOD

All persons logging on to MEDLARS were asked to identify the profession of the individual for whom the search was being performed as well as the purpose of the search. The instructions and response alternatives follow in Figure 1. While online display of the modified login was mandatory for all domestic users, user response was not. In order to compensate our users for the time used during this login procedure, an invoice credit was given for each login during this week.

The responses to the modified login were analyzed as a whole and the tabulations follow in Table 1.

FINDINGS

Response Rate. A total of 15,257 logins were recorded during this week by domestic MEDLARS users. Of these, 12,084 (79%) contained useable responses. The remainder comprised incorrectly entered responses (8%) and refusals (13%). (An unknown proportion of the latter were NLM in-house users who were requested not to respond.)

Number of Searches Conducted. Searchers were asked to provide separate requester/purpose information for all distinct searches conducted during a given search session or login. Using "distinct search" as the unit of analysis, the 12,084 responses yielded survey data on 16,727 searches.

Organizational Location. More than half the 16,727 searches (53.2%) were performed at locations identified as Hospitals/Clinics. These were followed by Medical Schools (19.5%), Commercial Organizations (9.1%), and Research Institutions (5.9%). Six organizational classes (plus an "unknown" category) accounted for the remaining 12.3% of the searches.

Search Requester's Profession. The largest proportion of search requesters were physicians, accounting for 42.6% of all searches performed during this period. Librarians were identified as the requesters of 15.9%, scientists 10.5%, nurses 9.5%, students 7.0%, and dentists less than 1%; the "other" requester category (12.7%) probably included a relatively large number of infrequent search requesters from all other professional groups. (See Table 1.)

Purpose of Search. Patient care was cited most frequently as the purpose of search. Table 1 contains a detailed breakdown of requester/purpose cross tabulations. Research was identified as the purpose of search in 25.9% of the cases, with scientists accounting for 31.3% of these searches and physicians for another 29.5%. Education was cited 15.6% and "other" 10.8%. The "other" category was linked most frequently to librarian use (62.7%), and probably reflects such use of MEDLARS as searching CATLINE for NLM cataloging records, citation verification, in-house online training, and production of bibliographies for general patron use. The versatility of MEDLARS as an information resource is evident, given its ability to serve this diversity of user needs.

Contrasted Use at Hospitals/Clinics, Medical Schools, Commercial Organizations, and Research Institutions. Nearly 88% of all searches were conducted at these four types of organizations. Table 2 displays the most frequently cited requester, search purpose, and requester/purpose combination for each of these four organizational types, and compares them with survey findings obtained across all organizational types. Physicians requesting searches for the purpose of patient care is the dominant finding, with 27.3% of the 16,727 searches (see Table 2) performed in the survey having been so classified. To a large extent this is probably attributable to the high proportion of Hospitals/Clinics which are MEDLARS subscribers, and which were the source of 53.2% of all searches performed. In this setting, 38.8% of the 8,901 Hospitals/Clinics searches were physician/patient care searches. Similarly, physician/patient care searches were the most common kind (16.3% of the 3,269 searches) conducted at Medical Schools even though research was the most frequently cited purpose. In addition to Medical Schools, the most frequent purpose was research for Commercial and Research Institutes (the source of 9.1% and 5.9% of all searches respectively), indicating the importance of MEDLARS for scientists engaged in research.

Figure 1. LOGIN PROCEDURE

The MEDLARS Management Section is temporarily using a new LOGIN procedure that is intended to improve our understanding of users' information needs. For a one week trial period, you will be asked to identify -- at LOGIN -- the search requester's profession and purpose of search. All responses will be analyzed in the aggregate only. Please use the alphanumeric codes listed below. You will be credited for the time to complete this query. Thank you for your cooperation.

SEARCH REQUESTER'S PROFESSION:

- 1 = PHYSICIAN
- 2 = DENTIST
- 3 = NURSE
- 4 = SCIENTIST
- 5 = STUDENT
- 6 = LIBRARIAN/INFORMATION SPECIALIST
- 7 = OTHER      8 = UNKNOWN

PURPOSE OF SEARCH:

- A = PATIENT CARE
- B = EDUCATION
- C = RESEARCH/TESTING
- D = MANAGEMENT/ADMIN.
- E = REGULATION
- F = OTHER
- G = UNKNOWN

For example, if the search requester is a 'physician' who requires information for 'patient care', please type '1A'. However, if the search session will involve several distinct searches, please include a 'requester/purpose' for each, separated by commas,

e.g., '1A, 1A, 2C'.

Please enter your response:

Table 1. Search Requester's Profession and Purpose of Search\*

PURPOSE OF SEARCH	PROFESSION										Total
	Physician	Dentist	Nurse	Scientist	Student	Librarian	Other	Unknown			
Patient Care	64.1 (4,573)	24.2 (32)	33.3 (532)	2.8 (50)	13.0 (154)	7.3 (196)	22.5 (481)	4.3 (5)	36.0 (6,023)		
Education	11.4 (814)	25.7 (34)	34.0 (544)	4.2 (75)	46.3 (548)	10.5 (281)	15.3 (327)	2.5 (3)	15.6 (2,626)		
Research	17.9 (1,281)	40.9 (54)	16.4 (262)	76.7 (1,359)	34.8 (412)	20.4 (544)	19.4 (415)	6.0 (7)	25.9 (4,334)		
Management	1.2 (88)	5.3 (7)	11.7 (188)	7.6 (135)	0.7 (9)	14.7 (393)	17.9 (384)	1.7 (2)	7.2 (1,206)		
Keyp <sup>u</sup> ation	0.4 (34)	1.5 (2)	0.6 (10)	4.4 (78)	0.6 (8)	2.4 (64)	2.9 (64)	0.8 (1)	1.5 (261)		
Other	2.4 (175)	1.5 (2)	2.5 (41)	2.9 (53)	2.8 (34)	42.7 (1,138)	17.1 (366)	4.3 (5)	10.8 (1,814)		
Unknown	2.3 (166)	0.7 (1)	1.2 (20)	1.1 (21)	1.4 (17)	1.6 (45)	4.6 (100)	80.1 (93)	2.7 (463)		
Total	42.5 (7,131)	0.7 (132)	9.5 (1,597)	10.5 (1,771)	7.0 (1,182)	15.9 (2,661)	12.7 (2,137)	0.6 (116)	100.0 (16,727)		

\*NOTE: Percentage is shown above count.

Table 2. MEDLARS Use and Organizational Type

Organization % searches count	Most Frequent Requester	Most Frequent Purpose	Most Frequent Req/Purpose
Hospital/Clinic 53.2% (8,901)	physician 55.8% (4,973)	pt care 49.8% (4,440)	physician/pt care 38.8% (3,458)
Medical School 19.5% (3,269)	physician 33.1% (1,084)	research 34.6% (1,132)	physician/pt care 16.3% (533)
Commercial 9.1% (1,526)	scientist 36.6% (559)	research 48.5% (741)	scientist/research 27.5% (419)
Research Inst. 5.9% (998)	scientist 40.5% (405)	research 51.9% (518)	scientist/research 29.5% (294)
Overall 100% (16,727)	physician 42.6% (7,131)	pt care 36.0% (6,023)	physician/pt care 27.3% (4,573)

BIOETHICSLINE SEARCH AID: SELECTED LIST OF "MAJOR ISSUE" KEYWORDS  
Tamar Joy Kahn, Senior Bibliographer  
Kennedy Institute of Ethics, Georgetown University

The Bioethics Information Retrieval Project at the Kennedy Institute of Ethics, Georgetown University, has received many orders in recent months for copies of the Bioethics Thesaurus, a controlled vocabulary containing 600 Keywords used in indexing BIOETHICSLINE. To help searchers make more efficient use of the Thesaurus, a list has been prepared of 90 frequently used Keywords that represent major bioethical issues. (See next page.)

This selected list should be appended to your copy of the Bioethics Thesaurus. It is important to consult the full Thesaurus to ensure complete and/or precise retrieval because the Thesaurus includes explanatory scope notes, history notes, information on whether a Keyword maps to a MeSH term, and cross references to Broader, Narrower, and Related Terms--as well as over 500 additional Keywords.

Note that the EXPLODE search capability does not apply to Keywords. Accordingly, a Broader Term must be "ORed" together with its Narrower Terms to achieve comprehensive retrieval of a Thesaurus-based hierarchy of terms (e.g., BIOETHICS OR MEDICAL ETHICS OR NURSING ETHICS). Remember also that Keywords must be searched with the qualifier (KW). They may be preceded by an asterisk to limit retrieval to citations in which the Keyword of interest is a main topic.

For further assistance in searching BIOETHICSLINE, call MEDLARS Management or contact the Bioethics Information Retrieval Project, Kennedy Institute of Ethics, Georgetown University, Washington, DC 20057 (telephone: 202/625-2383). The Bioethics Thesaurus is available for \$5.00 prepaid from the Bioethics Information Retrieval Project.

Selected List of "Major Issue" BIOETHICSLINE Keywords (KW)

ABORTION	MASS SCREENING
ACTIVE EUTHANASIA	MEDICAL ETHICS
AID (for Artificial Insemination, Donor)	MISCONDUCT
ALLOWING TO DIE	NUCLEAR WARFARE (and older ATOMIC WARFARE)
AMNIOCENTESIS	NURSING ETHICS
ARTIFICIAL INSEMINATION	OPERANT CONDITIONING
BEHAVIOR CONTROL	ORGAN DONATION
BEHAVIORAL RESEARCH	ORGAN TRANSPLANTATION
BIOETHICAL ISSUES	PARENTAL CONSENT
BIOETHICS	PATERNALISM
BIOLOGICAL WARFARE (health professional's role)	PATIENT ACCESS (to medical records)
BIOMEDICAL RESEARCH	PATIENT CARE
BIOMEDICAL TECHNOLOGIES	PATIENTS' RIGHTS
BLOOD DONATION	PERSONHOOD
BRAIN DEATH	PHYSICIAN PATIENT RELATIONSHIP
CAPITAL PUNISHMENT	POPULATION CONTROL
CLONING	PRENATAL DIAGNOSIS
CODES OF ETHICS	PROFESSIONAL ETHICS
CONFIDENTIALITY	PROFESSIONAL PATIENT RELATIONSHIP
CONTRACEPTION	PROLONGATION OF LIFE
DETERMINATION OF DEATH	PSYCHOACTIVE DRUGS
DISCLOSURE	PSYCHOSURGERY
ELECTROCONVULSIVE THERAPY	QUALITY OF LIFE
EMBRYO TRANSFER	RECOMBINANT DNA RESEARCH
ETHICS COMMITTEES	REPRODUCTION
EUGENICS	REPRODUCTIVE TECHNOLOGIES
EUTHANASIA	RESOURCE ALLOCATION
FETUSES	RESUSCITATION
FRAUD (in research)	RIGHT TO TREATMENT
GENE THERAPY (and older DNA THERAPY)	SELECTION FOR TREATMENT
GENETIC COUNSELING	SELECTIVE ABORTION
GENETIC INTERVENTION	SEX DETERMINATION
GENETIC SCREENING	SEX PRESELECTION
HEALTH	SOCIOBIOLOGY
HEALTH CARE	STERILIZATION
HEALTH CARE DELIVERY	SUICIDE
HOST MOTHERS	TERMINAL CARE
HUMAN EXPERIMENTATION	THIRD PARTY CONSENT
IMMUNIZATION	TORTURE
IN VITRO FERTILIZATION	TREATMENT REFUSAL
INFORMED CONSENT	VALUE OF LIFE
INVOLUNTARY COMMITMENT	VOLUNTARY ADMISSION (to mental institutions)
INVOLUNTARY STERILIZATION	VOLUNTARY EUTHANASIA
LIFE EXTENSION	WITHHOLDING TREATMENT
LIVING WILLS	WRONGFUL LIFE

INDEXED TITLES UPDATE - MAY 1984  
 Serial Records, Technical Services Division, NLM

The following titles cited in MEDLINE and HEALTH have been recently selected for indexing, or undergone a title change. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. (A cumulative list covering January-March, 1984, was included with the April NLM Technical Bulletin.) The list of titles that ceased publication or have been deselected covers the period of January-April, 1984 except for HLI (Health) titles. The HLI title information covers the period of January 1983-April 1984. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, APRIL 1984

HLI HOSPITAL CAPITAL FINANCE  
 HOSP CAP FINANCE  
 IN1,WINTER 1984--  
 AMERICAN HOSPITAL ASSOCIATION  
 CHICAGO UNITED STATES  
 INDEXING BEGAN WITH V1N1,WINTER 1984.  
 ON ORDER 0742-5708  
 H17810000 JTC: HCA

TITLES DESELECTED FOR HEALTH, BUT RETAINED FOR  
 POPLINE, JANUARY -- APRIL 1984

POP AMERICAN MEDICAL NEWS  
 AM MED NEWS  
 AMERICAN MEDICAL ASSOCIATION  
 CHICAGO UNITED STATES  
 INDEXING FOR LIST H CEASED 12-83.  
 W1 AM6296 0001-1843  
 A25260000 JTC: 3YS

POP HEALTH AND POPULATION; PERSPECTIVES AND  
 ISSUES  
 HEALTH POPUL PERSPECT ISSUES  
 IN1,1978--  
 NATIONAL INSTITUTE OF HEALTH AND FAMILY  
 WELFARE  
 NEW DELHI INDIA  
 INDEXING FOR LIST H CEASED 12-83.  
 W1 HE2630 0253-6803  
 H07350000 JTC: G2G

TITLE CHANGES FOR INDEXED TITLES, APRIL 1984

- IM ADVANCES IN CYCLIC NUCLEOTIDE AND PROTEIN  
PHOSPHORYLATION RESEARCH  
ADV CYCLIC NUCLEOTIDE PROTEIN  
PHOSPHORYLATION RES  
16,1984--  
RAVEN  
NEW YORK UNITED STATES  
CONTINUES: ADVANCES IN CYCLIC NUCLEOTIDE  
RESEARCH.  
W1 AD546J  
A13700000 JTC: 2L2
- IM POU MON ET LE COEUR  
POUMON COEUR  
10N7,1954-39N6,1983  
VIGOT FRERES  
PARIS FRANCE  
CONTINUES POU MON. CONTINUED BY: REVUE DE  
PNEUMOLOGIE CLINIQUE.  
W1 P0972 0032-5821  
P20920000 JTC: PGA
- IM COMPUTERTOMOGRAPHIE  
COMPUTERTOMOGRAPHIE  
IN1, AFR 1981-V3N4,DEC 1983  
GEORG THIEME VERLAG  
STUTTGART GERMANY, WEST  
CONTINUED BY: DIGITALE BILDDIAGNOSTIK.  
INDEXING BEGAN WITH V1N1,1981.  
W1 C04573B 0720-0501  
C36470000 JTC: COT
- IM REVUE DE PNEUMOLOGIE CLINIQUE  
REV PNEUMOL CLIN  
40N1,1984--  
MASSON  
PARIS FRANCE  
CONTINUES: POU MON ET LE COEUR.  
IN PROCESS  
R46090000 JTC: SYR
- IM DIGITALE BILDDIAGNOSTIK  
DIGITALE BILDDIAGN  
V4N1,MAR 1984--  
GEORG THIEME VERLAG  
STUTTGART GERMANY, WEST  
CONTINUES: COMPUTERTOMOGRAPHIE.  
W1 DI582 0724-7591  
D10836000 JTC: DIG
- IM VITAL AND HEALTH STATISTICS. SERIES 3,  
ANALYTICAL STUDIES  
VITAL HEALTH STAT [3]  
1,1964-20,MAR 1981  
U.S. DEPT OF HEALTH AND HUMAN SERVICES,  
PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR  
HEALTH STATISTICS  
WASHINGTON UNITED STATES  
CONTINUED BY: VITAL AND HEALTH STATISTICS.  
SERIES 3, ANALYTICAL AND EPIDEMIOLOGICAL  
STUDIES.  
W2 A N148VC 0083-2065  
V08760000 JTC: XE2
- IM JOURNAL OF THE RETICULOENDOTHELIAL SOCIETY  
J RETICULOENDOTHEL SOC  
1,1964-34,1983  
RETICULOENDOTHELIAL SOCIETY  
WINSTON-SALEM NC UNITED STATES  
SUPERSEDES RES BULLETIN. ABSTRACTS OF  
PAPEPS FOR THE NATIONAL MEETING OF THE  
RETICULOENDOTHELIAL SOCIETY IS INCLUDED,  
1974- AS A PART OF A REGULAR ISSUE OF THE  
JOURNAL OR AS A SUPPLEMENT TO IT.  
CONTINUED BY: JOURNAL OF LEUKOCYTE BIOLOGY.  
W1 J095CJ 0033-6890  
J37240000 JTC: JWV
- IM VITAL AND HEALTH STATISTICS. SERIES 3,  
ANALYTICAL AND EPIDEMIOLOGICAL STUDIES  
VITAL HEALTH STAT [3]  
21,JUN 1983--  
U.S. DEPT OF HEALTH AND HUMAN SERVICES,  
PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR  
HEALTH STATISTICS  
HYATTSVILLE MD UNITED STATES  
CONTINUES: VITAL AND HEALTH STATISTICS.  
SERIES 3, ANALYTICAL STUDIES. NO. 22,  
PUBLISHED OUT OF CHRONOLOGICAL ORDER IN  
MAR. 1982, HAS SECTION TITLE: ANALYTICAL  
STUDIES.  
W2 A N148VC  
V08765000 JTC: VH3
- INI ORTHOPAEDIC NURSING  
ORTHOP NURS  
2,1983--  
NATIONAL ASSOCIATION OF ORTHOPAEDIC NURSES  
PITMAN NJ UNITED STATES  
CONTINUES: ORTHOPEDIC NURSING.  
IN PROCESS  
010785000 JTC: ORN
- INI ORTHOPEDIC NURSING  
ORTHOP NURS  
1,1982  
NATIONAL ASSOCIATION OF ORTHOPEDIC NURSES  
PITMAN NJ UNITED STATES  
CONTINUED BY: ORTHOPAEDIC NURSING.  
W1 OR811H 0744-6020  
O11030000 JTC: PAO

TITLES DESELECTED FOR INDEXING, JANUARY -- APRIL 1984

- |  |   |
|--|---|
| <p>IM ACQUISITIONS MEDICALES RECENTES<br/>ACQUIS MED RECENT<br/>1946-1981<br/>EXPANSION SCIENTIFIQUE FRANCAISE<br/>PARIS FRANCE<br/>W3 AC16 0075-4463<br/>A03855000 JTC: 068</p>   | <p>IM AKTUELLE GERONTOLOGIE<br/>AKTUEL GERONTOL<br/>4,1974-13N6,NOV 1983<br/>GEORG THIEME VERLAG<br/>STUTTGART GERMANY, WEST<br/>CONTINUES ACTUELLE GERONTOLOGIE. DEUTSCHE<br/>GESELLSCHAFT FUR GERONTOLOGIE AND THE<br/>OSTERREICHISCHE GESELLSCHAFT FUR GERIATRIE.<br/>ABSORBED BY ZEITSCHRIFT FUR GERONTOLOGIE<br/>IN 1984.<br/>W1 AK995D 0300-5704<br/>A19320000 JTC: 32C</p> |
| <p>IM ACTA EMBRYOLOGIAE ET MORPHOLOGIAE<br/>EXPERIMENTALIS<br/>ACTA EMBRYOL MORPHOL EXP<br/>1N1,APR 1980--<br/>HALOCYNTHIA ASSOCIATION<br/>PALERMO ITALY<br/>CONTINUES: ACTA EMBRYOLOGIAE EXPERIMENTALIS.<br/>INDEXING CEASED WITH V.4, N.2, 1983.<br/>W1 AC795ED 0391-9706<br/>A05240000 JTC: 0M1</p> | <p>IM BIOMEMBRANES<br/>BIOMEMBRANES<br/>1,1971--<br/>PLENUM<br/>NEW YORK UNITED STATES<br/>INDEXING CEASED WITH V.11, 1983.<br/>W1 BI858L 0067-8864<br/>B18700000 JTC: A5N</p>  |
| <p>IM ACTUALITES PHARMACOLOGIQUES<br/>ACTUAL PHARMACOL (PARIS)<br/>1,1949--<br/>MASSON ET CIE<br/>PARIS FRANCE<br/>SERIE 34,1981- ALSO ISSUED AS SUPPLEMENT<br/>TO JOURNAL DE PHARMACOLOGIE.<br/>INDEXING CEASED WITH V33,1981.<br/>W1 AC997D 0567-8854<br/>A11535000 JTC: 26Q</p>                     | <p>IM BOOK SUPPLEMENT TO THE JOURNAL OF CHILD<br/>PSYCHOLOGY AND PSYCHIATRY<br/>BOOK SUPPL J CHILD PSYCHOL PSYCHIATR<br/>N1,1978--<br/>PERGAMON PRESS<br/>OXFORD ENGLAND<br/>INDEXING CEASED WITH N3,1983.<br/>W1 B0736 0164-1735<br/>B32030000 JTC: HP4</p>  |
| <p>IM ADVANCES IN COMPARATIVE PHYSIOLOGY AND<br/>BIOCHEMISTRY<br/>ADV COMP PHYSIOL BIOCHEM<br/>1,1962-8,1982<br/>ACADEMIC PRESS<br/>NEW YORK UNITED STATES<br/>W1 AD546 0065-244X<br/>A13680000 JTC: 2L0</p>   | <p>IM BROOKHAVEN SYMPOSIA IN BIOLOGY<br/>BROOKHAVEN SYMP BIOL<br/>N5,1952--<br/>PLENUM<br/>NEW YORK UNITED STATES<br/>CONTINUES PROCEEDINGS OF THE BIOLOGY<br/>CONFERENCE, BROOKHAVEN NATIONAL LABORATORY.<br/>N5,1952-N29,1977 PUBLISHED BY BROOKHAVEN<br/>NATIONAL LABORATORY, UPTON NY.<br/>INDEXING CEASED WITH N31,1980.<br/>W3 BI552 0068-2799<br/>B36580000 JTC: B68</p>   |
| <p>IM ADVANCES IN METABOLIC DISORDERS<br/>ADV METAB DISORD<br/>1,1964--<br/>ACADEMIC PRESS<br/>NEW YORK UNITED STATES<br/>INDEXING CEASED WITH V10,1983.<br/>W1 AD68 0065-2903<br/>A14445000 JTC: 2NR</p>  | <p>IM CESKOSLOVENSKA GASTROENTEROLOGIE A VYZIVA<br/>Cesk Gastroenterol Vyz<br/>9,1955--<br/>AVICENUM<br/>PRAHA CZECHOSLOVAKIA<br/>CONTINUES SBORNIK PRO PATHOFYSIOLOGII<br/>TRAVENI A VYZIVY<br/>INDEXING CEASED WITH V.37, N.8, 1983.<br/>W1 CE885C 0009-0565<br/>C13160000 JTC: CTK</p>   |
| <p>IM ADVANCES IN STEROID BIOCHEMISTRY AND<br/>PHARMACOLOGY<br/>ADV STEROID BIOCHEM PHARMACOL<br/>1,1970--<br/>ACADEMIC PRESS<br/>LONDON ENGLAND<br/>INDEXING CEASED WITH V7,1979.<br/>W1 AD875 0065-339X<br/>A15420000 JTC: 2PI</p>   |   |

IM CHANGE  
Change  
4N3,1972--  
EDUCATIONAL CHANGE  
NEW ROCHELLE NY UNITED STATES  
CONTINUES CHANGE MAGAZINE.  
INDEXING CEASED WITH 4N2,SPRING 1979.  
W1 CH1234 0009-1383  
C14020000 JTC: CZI

IM EMPLOYEE HEALTH AND FITNESS NEWSLETTER  
EMPLOYEE HEALTH FITNESS NEWSL  
1979?--  
AMERICAN HEALTH CONSULTANTS INC  
ATLANTA GA UNITED STATES  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
INDEXING BEGAN WITH V.2,N.1,JAN 1980 AND  
CEASED 12-83.  
AHA 0199-6304  
E06270000 JTC: EIG

IM CLINICAL AND EXPERIMENTAL HYPERTENSION.  
PART B, HYPERTENSION IN PREGNANCY  
CLIN EXP HYPERTENS [B]  
BIN1,1982--  
MARCEL DEKKER  
NEW YORK UNITED STATES  
CONTINUES IN PART: CLINICAL AND  
EXPERIMENTAL HYPERTENSION.  
INDEXING CEASED WITH V.2, N.2, 1983.  
W1 CL658C 0730-0085  
C25477000 JTC: DCK

IM FORTSCHRITTE IN DER TIERPHYSIOLOGIE UND  
TIERERNAHRUNG  
FORTSCHR TIERPHYSIOL TIERERNAHR  
1,1972--  
VERLAG PAUL PAREY  
HAMBURG GERMANY, WEST  
INDEXING CEASED WITH V.14, 1983.  
W1 F0941D 0301-570X  
F12480000 JTC: F6T

IM COMMITMENT  
COMMITMENT  
1,1976--  
US. HEALTH RESOURCES ADMINISTRATION  
ROCKVILLE MD UNITED STATES  
INDEXING CEASED WITH V4N2,SPRING 1979.  
W1 C0401FT  
C32000000 JTC: DNK

IM HBI REPORT  
HBI REP  
HOSPITAL BUREAU  
PLEASANTVILLE NY UNITED STATES  
THIS TITLE IS NOT IN THE NLM COLLECTION  
INDEXING CEASED WITH V2N6,DEC 1980-81.  
AHA  
H03250000 JTC: FZG

IM CONSUMER REPORTS  
Consum Rep  
7,1942--  
CONSUMER REPORTS  
MOUNT VERNON NY UNITED STATES  
CONTINUES CONSUMERS UNION REPORTS.  
ABSORBED BREAD AND BUTTER IN APR. 1947  
INDEXING CEASED 12-83.  
W1 C0755K 0010-7174  
C46220000 JTC: DRE

IM HEALTH  
HEALTH (NEW YORK)  
13N7,JUL/AUG 1981--  
FAMILY MEDIA  
NEW YORK UNITED STATES  
CONTINUES: FAMILY HEALTH.  
INDEXING CEASED 12-83.  
W1 HE181B 0279-3547  
H03590000 JTC: G4E

IM CONTEMPORARY SURGERY  
CONTEMP SURG  
1,1972--  
MCGRAW HILL  
NEW YORK UNITED STATES  
INDEXING CEASED 12-83.  
W1 C0769Y 0045-8341  
C46980000 JTC: DQU

HLI HEALTH CARE FINANCING TRENDS  
HEALTH CARE FINANC TRENDS  
1,FALL 1979-3N1,JUN 1982  
HEALTH CARE FINANCING ADMINISTRATION,  
OFFICE OF RESEARCH, DEMONSTRATIONS, AND  
STATISTICS  
WASHINGTON UNITED STATES  
INDEXING BEGAN WITH V.1,FALL 1979.  
W2 A H24H  
H04135900 JTC: G28

IM CYTOLOGIA  
CYTOLOGIA (TOKYO)  
1,1929--  
INTERNATIONAL ASSOCIATION OF CYTOLOGY  
TOKYO JAPAN  
INDEXING CEASED WITH V.48, N.3, 1983.  
W1 CY775 0011-4545  
C58900000 JTC: DXT

IM HEALTH CARE NEWSLETTER  
HEALTH CARE NEWSL  
1978--  
NATIONAL SAFETY COUNCIL  
CHICAGO UNITED STATES  
CONTINUES: HOSPITAL HEALTH CARE NEWSLETTER.  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
INDEXING CEASED 12-83.  
AHA  
H04200000 JTC: G88

IM 1199 NEWS  
1199 NEWS  
1,1966--  
NATIONAL UNION OF HOSPITAL AND HEALTH CARE  
EMPLOYEES  
NEW YORK UNITED STATES  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
SUPERSEDES 1199 DRUG AND HOSPITAL NEWS.  
INDEXING BEGAN WITH V.14,N.7,JULY 1979 AND  
CEASED 12-83.  
AHA  
E05690000 JTC: EK6

IM HEALTH EDUCATION REPORTS  
 HEALTH EDUC REP  
 1,FEB 9 1979--  
 PLUS PUBLICATIONS  
 WASHINGTON UNITED STATES  
 RUNNING TITLE: HE REPORTS.  
 INDEXING CEASED 12-83.  
 W1 HE325M 0193-5232  
 H04970000 JTC: G20

IM HEALTH MANPOWER LITERATURE  
 HEALTH MANPOW LIT  
 1,1977--  
 NORTHEASTERN UNIVERSITY. CENTER FOR  
 MANPOWER STUDIES UNITED STATES  
 BOSTON  
 INDEXING CEASED WITH V4-5N2-1,DEC 1980-JAN  
 1981.  
 ON ORDER  
 H06380000 JTC: G2E

IM HEALTH PLANNING AND MANPOWER REPORT  
 HEALTH PLANN MANPOW REP  
 7N9, APR.26,1978--  
 CAPITOL PUBLICATIONS, INC  
 WASHINGTON UNITED STATES  
 ASSUMES THE NUMBERING OF HEALTH MANPOWER  
 REPORT. FORMED BY THE UNION OF HEALTH  
 MANPOWER REPORT AND HEALTH PLANNING AND  
 MANPOWER REPORTS.  
 INDEXING CEASED 12-83.  
 W1 HE471ZZ  
 H07220000 JTC: GAC

IM HORMON TO RINSHO. CLINICAL ENDOCRINOLOGY  
 HORMON TO RINSHO  
 1,1953--  
 TOKYO JAPAN  
 INDEXING CEASED WITH V.32, N.1, 1984.  
 W1 H0688 0045-7167  
 H17280000 JTC: DCP

IM HOSPITAL ADMINISTRATION  
 HOSP ADM (NEW DELHI)  
 1,1964--  
 INDIAN HOSPITAL ADMINISTRATION  
 NEW DELHI INDIA  
 INDEXING CEASED V16N3-4,SEP-DEC 1979.  
 W1 H07S 0018-5531  
 H17580000 JTC: GCK

IM HOSPITAL ADMITTING MONTHLY  
 HOSP ADMITTING MON  
 1N1,JUL 1982--  
 AMERICAN HEALTH CONSULTANTS  
 ATLANTA GA UNITED STATES  
 INDEXING CEASED 12-83.  
 W1 H071K 0745-1466  
 H17670000 JTC: GCL

IM HOSPITAL BOND REVIEW  
 HOSP BOND REV  
 JOHN NUVEEN AND CO.  
 CHICAGO UNITED STATES  
 THIS TITLE IS NOT IN THE NLM COLLECTION.  
 INDEXING CEASED 12-83.  
 AHA  
 H17750000 JTC: GDD

IM HOSPITAL EMPLOYEE HEALTH  
 HOSP EMPLOYEE HEALTH  
 1,1982--  
 AMERICAN HEALTH CONSULTANTS  
 ATLANTA GA UNITED STATES  
 THIS TITLE IS NOT IN THE NLM COLLECTION.  
 INDEXING CEASED 12-83.  
 AHA 0744-6470  
 H18130000 JTC: GC6

IM HOSPITAL INFECTION CONTROL  
 HOSP INFECT CONTROL  
 HOSPITAL INFECTION CONTROL  
 ATLANTA GA UNITED STATES  
 INDEXING CEASED 12-83.  
 W1 H0799 0098-180X  
 H18780000 JTC: GDN

IM HOSPITAL PEER REVIEW  
 HOSP PEER REV  
 1,AUG.?1976--  
 ATLANTA GA UNITED STATES  
 INDEXING CEASED 12-83.  
 W1 H0864 0149-2632  
 H19640000 JTC: GDO

IM HOSPITAL RISK MANAGEMENT  
 HOSP RISK MANAGE  
 1,1979--  
 AMERICAN HEALTH CONSULTANTS  
 ATLANTA GA UNITED STATES  
 INDEXING CEASED 12-83.  
 W1 H0878P 0199-6312  
 H19965000 JTC: G91

IM HOSPITAL SUPERVISORS BULLETIN  
 HOSP SUPERV BULL  
 1965?--  
 BUREAU OF BUSINESS PRACTICE  
 WATERFORD CT UNITED STATES  
 INDEXING CEASED 12-83.  
 W1 H0886 0018-585X  
 H20240000 JTC: G9S

IM INFECTION CONTROL DIGEST  
 INFECT CONTROL DIG  
 1,JAN 1980--  
 AMERICAN HOSPITAL ASSN  
 CHICAGO UNITED STATES  
 INDEXING CEASED 12-83.  
 W1 IN406B  
 I12915000 JTC: GN3

- IM JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY  
 J Agric Food Chem  
 1,1953--  
 AMERICAN CHEMICAL SOCIETY  
 WASHINGTON UNITED STATES  
 INDEXING CEASED WITH V.32, N.1, 1984.  
 W1 J0534D 0021-8561  
 J10820000 JTC: H3N
- IM JOURNAL OF COMMUNICATION  
 J Commun  
 1,1951--  
 ANNENBERG SCHOOL PRESS  
 PHILADELPHIA UNITED STATES  
 INTERNATIONAL COMMUNICATION ASSOCIATION  
 INDEXING CEASED WITH V.33, N.4, 1983.  
 W1 J0593H 0021-9916  
 J17400000 JTC: HUN
- IM JOURNAL OF PHYSICS E. SCIENTIFIC INSTRUMENTS  
 J PHYS [E]  
 3,1970--  
 INSTITUTE OF PHYSICS AND THE PHYSICAL  
 SOCIETY  
 LONDON ENGLAND  
 CONTINUES JOURNAL OF SCIENTIFIC INSTRUMENTS  
 INDEXING CEASED WITH V.17, N.3, 1984.  
 W1 J0836W 0022-3735  
 J35080000 JTC: JQR
- IM JOURNAL OF THE SCIENCE OF FOOD AND  
 AGRICULTURE  
 J Sci Food Agric  
 1,1950--  
 SOCIETY OF CHEMICAL INDUSTRY  
 LONDON ENGLAND  
 INDEXING CEASED WITH V.35, N.3, 1984.  
 W1 J0954 0022-5142  
 J37920000 JTC: KIJ
- IM LIBRARY TECHNOLOGY REPORTS  
 LIBR TECHNOL REP  
 1965--  
 AMERICAN LIBRARY ASSOCIATION  
 CHICAGO UNITED STATES  
 INDEXING CEASED 12-83.  
 Z 671 L697M 0024-2586  
 L07660000 JTC: K92
- IM MANAGEMENT FOCUS  
 MANAGE FOCUS  
 25,1978--  
 PEAT, MARWICK, MITCHELL  
 NEW YORK UNITED STATES  
 CONTINUES MANAGEMENT CONTROLS. THIS TITLE  
 IS NOT IN THE NLM COLLECTION.  
 INDEXING CEASED 12-83.  
 AHA  
 M03520000 JTC: MHT
- IM MEDICAL SERVICE  
 MED SERV  
 1,1944?--  
 CATHOLIC HOSPITAL ASSOCIATION OF INDIA  
 NEW DELHI INDIA  
 INDEXING CEASED 12-83.  
 W1 ME463K 0008-8102  
 M17900000 JTC: MFE
- IM MEDIZINISCHE WELT  
 MED WELT  
 1,5 FEB 1927-20,22 DEC 1951;1960--  
 F K SCHATTAUER VERLAG  
 STUTTGART GERMANY, WEST  
 PUBLISHED 1952-1959 AS DIE MEDIZINISCHE.  
 SUPPLEMENTS ACCOMPANY SOME NUMBERS.  
 INDEXING CEASED WITH V.35, N.8, 1984.  
 W1 ME842S 0025-8512  
 M25940000 JTC: MIM
- IM MIKROSKOPIE  
 MIKROSKOPIE  
 1,1946--  
 VERLAG GEORG FROMME  
 VIENNA AUSTRIA  
 INDEXING CEASED WITH V.40, N.11-12, 1983.  
 W1 MI427 0026-3702  
 M35860000 JTC: NOE
- IM MMW. MUNCHENER MEDIZINISCHE WOCHENSCHRIFT  
 MMW  
 116N4,JAN 1974--  
 SPATZ  
 MUNCHEN GERMANY, WEST  
 CONTINUES MUNCHENER MEDIZINISCHE  
 WOCHENSCHRIFT. ISSUED ALSO IN PORTUGUESE  
 AND SPANISH  
 INDEXING CEASED WITH V.126, N.9, 1984.  
 W1 M386Z 0341-3098  
 M41040000 JTC: NMM
- IM NATIONAL NOSOCOMIAL INFECTIONS STUDY REPORT  
 NATL NOSOCOMIAL INFECT STUDY REP  
 1974--  
 U.S. DEPARTMENT OF HEALTH, EDUCATION, AND  
 WELFARE, PUBLIC HEALTH SERVICE, CENTER FOR  
 DISEASE CONTROL  
 ATLANTA GA UNITED STATES  
 ISSUED APR. 1977- . CONTINUES: NATIONAL  
 NOSOCOMIAL INFECTIONS STUDY (1971). VOLS.  
 FOR 1978- ISSUED BY THE CENTERS FOR  
 DISEASE CONTROL.  
 INDEXING CEASED WITH NOV 1979 ISSUE.  
 W2 A N229Q 0147-443X  
 N05670100 JTC: CRJ
- IM NIGERIAN MEDICAL JOURNAL  
 NIGER MED J  
 1N1,JAN 1971--  
 NIGERIAN MEDICAL ASSOCIATION  
 LAGOS NIGERIA  
 CONTINUES: JOURNAL OF THE NIGERIA MEDICAL  
 ASSOCIATION.  
 INDEXING CEASED WITH V9N7-8,1979.  
 W1 NI41 0300-1652  
 N22880000 JTC: YEP

- IM PROBLEMY SEVERA  
PROBL SEV  
1,1958--  
IZDATELSTVO NAUKA  
MOSKVA USSR  
INDEXING CEASED WITH V21,1983.  
W1 PR5811 0555-2982  
P27260000 JTC: PQ4
- IM REVIEW OF SCIENTIFIC INSTRUMENTS  
Rev Sci Instrum  
1,1930--  
AMERICAN INSTITUTE OF PHYSICS  
NEW YORK UNITED STATES  
SUPERSEDES IN PART JOURNAL OF THE OPTICAL  
SOCIETY OF AMERICA AND REVIEW OF SCIENTIFIC  
INSTRUMENTS  
INDEXING CEASED WITH V.55, N.3, 1984.  
W1 RE255 0034-6748  
R28960000 JTC: T62
- HLI PROCEEDINGS OF THE HEALTH POLICY FORUM  
PROC HEALTH POLICY FORUM  
N1,JUN 1978-N2,1980  
UNITED HOSPITAL FUND  
NEW YORK UNITED STATES  
W3 HE375 0195-976X  
P34850000 JTC: FTC
- IM REVISTA VENEZOLANA DE SANIDAD Y ASISTENCIA  
SOCIAL  
REV VENEZ SANID ASIST SOC  
25,1960--  
VENEZUELA. MINISTERIO DE SANIDAD Y  
ASISTENCIA SOCIAL  
CARACAS VENEZUELA  
CONTINUES REVISTA DE SANIDAD Y ASISTENCIA  
SOCIAL.  
INDEXING CEASED WITH V42N3-4,1977.  
W1 RE7385 0035-0583  
R41120000 JTC: TB5
- IM PROGRESS IN PEDIATRIC SURGERY  
PROG PEDIATR SURG  
1,1971-17,1984  
URBAN UND SCHWARZENBERG  
BALTIMORE UNITED STATES  
V.1-9 PUB BY UNIV PARK PRESS. V.1- ISSUED  
ALSO IN MUNICH BY URBAN UND SCHWARZENBERG  
WITH GERMAN AND FRENCH TITLE ADDED, AND IN  
PARIS BY MASSON WITH FRENCH TITLE FIRST:  
ACQUISITIONS EN CHIRURGIE INFANTILE.  
FORTSCHRITTE DER KINDERCHIRURGIE. PROGRESS  
IN PEDIATRIC SURGERY. LIBRARY COLLECTS  
ENGLISH EDITION PUBLISHED IN BALTIMORE ONLY.  
W1 PR677KA 0079-6654  
P48540000 JTC: Q5Q
- IM SAME-DAY SURGERY  
SAME DAY SURG  
1,APR 1977-  
SAME DAY SURGERY  
ATLANTA GA UNITED STATES  
CALLED ALSO: SDS.  
INDEXING CEASED 12-83.  
W1 SA448T 0190-5066  
S02460000 JTC: UBL
- IM PUBLIC SECTOR, HEALTH CARE RISK MANAGEMENT  
PUBLIC SECTOR HEALTH CARE RISK MANAGE  
JUN 1980--  
MEREDITH B. COX ASSOCIATES  
EL CERRITO CA UNITED STATES  
INDEXING CEASED WITH JAN 1982 ISSUE.  
W1 PU638F 0270-8973  
P58020500 JTC: Q8W
- IM SECOND OPINIONS OF HEALTH CARE ISSUES  
SECOND OPIN HEALTH CARE ISSUES  
THOMPSON, MOHR AND ASSOCIATES  
OAK BROOK IL UNITED STATES  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
INDEXING CEASED WITH 12-83.  
AHA  
S15630000 JTC: VCV
- IM READERS DIGEST  
READ DIG  
1,1922--  
READERS DIGEST ASSOCIATION  
PLEASANTVILLE NY UNITED STATES  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
INDEXING CEASED 12-83.  
AHA 0034-0375  
R05060000 JTC: Q24
- IM SUPERVISORY MANAGEMENT  
SUPERV MANAGE  
1,1955--  
AMERICAN MANAGEMENT ASSOCIATION  
NEW YORK UNITED STATES  
THIS TITLE IN NOT IN THE NLM COLLECTION.  
INDEXED FOR AAMC. INDEXING CEASED 12-83.  
AHA 0039-5919  
S47660000 JTC: BQJ

- IM SURGICAL BUSINESS  
 SURG BUS  
 1,1938-45,1982  
 CASSAK PUBLICATIONS  
 UNION NJ UNITED STATES  
 CONTINUED BY HEALTH INDUSTRY TODAY.  
 INDEXING CEASED WITH 44N7,JUL 1981.  
 W1 SU763  
 S48460000 JTC: VC7
- IM YONAGO ACTA MEDICA  
 YONAGO ACTA MED  
 1,1954--  
 TOTTORI UNIVERSITY SCHOOL OF MEDICINE  
 YONAGO JAPAN  
 TOTTORI UNIVERSITY SCHOOL OF MEDICINE.  
 INDEXING CEASED WITH V2IN2,1977.  
 W1 Y0681 0513-5710  
 Y02760000 JTC: XRP
- IM TRAINING  
 TRAINING  
 LAKEWOOD PUBLICATIONS  
 MINNEAPOLIS MN UNITED STATES  
 CONTINUES TRAINING IN BUSINESS AND  
 INDUSTRY. THIS TITLE IS NOT IN THE NLM  
 COLLECTION.  
 INDEXING CEASED 12-83.  
 AHA 0095-5892  
 T14760000 JTC: VZ8
- IM ZEITSCHRIFT FUR TIERPHYSIOLOGIE,  
 TIERERNAHRUNG UND FUTTERMittelKUNDE  
 Z TIERPHYSIOL TIERNNAHR FUTTERMittelKD  
 13,1958--  
 VERLAG PAUL PAREY  
 HAMBURG GERMANY, WEST  
 CONTINUES ZEITSCHRIFT FUR TIERERNAHRUNG UND  
 FUTTERMittelKUNDE.  
 INDEXING CEASED WITH V.51, N.1-2, 1984.  
 W1 ZE625K 0044-3565  
 Z05800000 JTC: YOY
- IM URBAN DESIGN  
 URBAN DES  
 7N4,1976--  
 R C PUBLICATIONS  
 NEW YORK UNITED STATES  
 CONTINUES DESIGN AND ENVIRONMENT. THIS  
 TITLE IS NOT IN THE NLM COLLECTION.  
 INDEXING CEASED WITH 9N3,FALL 1978.  
 AHA 0276-0339  
 U04340000 JTC: WRK
- IM ZFA. ZEITSCHRIFT FUR ALLGEMEINMEDIZIN  
 ZFA (STUTT GART)  
 52N10,1976--  
 HIPPOKRATES VERLAG  
 STUTT GART GERMANY, WEST  
 CONTINUES ZEITSCHRIFT FUR ALLGEMEINMEDIZIN.  
 ISSUES FOR JAN. 31, 1976- INCLUDE A  
 SEPARATELY PAGED SUPPLEMENT CALLED:  
 INTERNATIONALE ALLGEMEINMEDIZIN UND  
 HOCHSCHULE.  
 INDEXING CEASED WITH V.60, N.5, 1984.  
 W1 Z11 0341-9835  
 Z07660000 JTC: XZ5
- IM VERHANDLUNGEN DER ANATOMISCHEN GESELLSCHAFT  
 VERH ANAT GES  
 1,1887--  
 GUSTAV FISCHER VERLAG  
 JENA GERMANY, EAST  
 PUBLICATION SUSPENDED 1915-1919, 1940-1949.  
 ISSUED AS A SUPPLEMENT TO ANATOMISCHER  
 ANZEIGER.  
 INDEXING CEASED WITH V.76.  
 W1 VE483K 0066-1562  
 V01900000 JTC: X7M
- IM WALL STREET JOURNAL. MIDWEST EDITION  
 WALL ST J [MIDWEST ED]  
 31,1951--  
 DOW JONES  
 CHICAGO UNITED STATES  
 CHICAGO JOURNAL OF COMMERCE EDITION OF THE  
 WALL STREET JOURNAL. THIS TITLE IS NOT IN  
 THE NLM COLLECTION.  
 INDEXING CEASED 12-80.  
 AHA  
 W00280000 JTC: B7Z

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 Serial Records, Technical Services Division, NLM

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IM ADVANCES IN CYCLIC NUCLEOTIDE AND PROTEIN  
 PHOSPHORYLATION RESEARCH  
 16,1984--  
 RAVEN  
 CONTINUES: ADVANCES IN CYCLIC NUCLEOTIDE  
 RESEARCH.  
 NEW YORK UNITED STATES  
 W1 AD546J  
 A13700000

CATARACT  
 IN1,NOV 1983--  
 PARK ROW PUBLISHERS  
 INTERNATIONAL JOURNAL OF CATARACT SURGERY.  
 NEW YORK UNITED STATES  
 PARK ROW PUBLISHERS,15 PARK ROW,NEW YORK  
 10038  
 IN PROCESS  
 C09693000  
 \$35.00

COGNITIVE NEUROPSYCHOLOGY  
 1,1984--  
 LAWRENCE ERLBAUM ASSOCIATES  
 HILLSDALE NJ UNITED STATES  
 ON ORDER  
 C28515000  
 \$60.00

COMPUTERS IN LIFE SCIENCE EDUCATION  
 1,1984--  
 ELSEVIER  
 NEW YORK UNITED STATES  
 ELSEVIER SCIENCE PUBLISHING CO., P.O. BOX  
 1663 GRAND CENTRAL STATION, NEW YORK NY  
 10163  
 ON ORDER  
 C36345000

DIGESTIVE SURGERY  
 1,1984--  
 LAWRENCE ERLBAUM ASSOCIATES  
 BASEL SWITZERLAND  
 ON ORDER  
 D10815000  
 \$119.00

IM DIGITALE BILDDIAGNOSTIK  
 V4N1,MAR 1984--  
 GEORG THIEME VERLAG  
 CONTINUES: COMPUTERTOMOGRAPHIE.  
 STUTTGART GERMANY, WEST  
  
 W1 DI582  
 D10836000

EUROPEAN JOURNAL OF ANAESTHESIOLOGY  
 IN1,MAR 1984--  
 BLACKWELL  
 OXFORD ENGLAND  
 ON ORDER  
 E15855000  
 \$70.00

FAMILY MEDICINE REPORTS  
 IN1,1983--  
 AMERICAN MEDICAL REPORTS  
 SAN FRANCISCO UNITED STATES  
 AMERICAN MEDICAL REPORTS, 425 BRANNAN ST.  
 SUITE 200, SAN FRANCISCO CA 94107  
 (TEL:415-541-0672)  
 ON ORDER  
 F00693000  
 \$145.00

FOOD ADDITIVES AND CONTAMINANTS  
 1,1984--  
 TAYLOR AND FRANCIS  
 LONDON ENGLAND  
 ON ORDER  
 F09457000  
 \$74.00

INTERNATIONAL JOURNAL OF ADOLESCENT  
 MEDICINE AND HEALTH  
 1,1984--  
 FREUND PUBLISHING HOUSE  
 TEL-AVIV ISRAEL  
 FREUND PUBLISHING HOUSE,POB 35010, 61  
 NACHMANI STREET, TEL-AVIV,ISRAEL  
 ON ORDER  
 I26190000  
 \$95.00

INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY  
 1,1984--  
 ELSEVIER  
 OFFICIAL JOURNAL OF THE INTERNATIONAL UNION  
 OF MICROBIOLOGICAL SOCIETIES AND THE  
 INTERNATIONAL COMMITTEE OF FOOD  
 MICROBIOLOGY AND HYGIENE.  
 AMSTERDAM NETHERLANDS  
 ON ORDER  
 I26930000  
 \$79.50

JOURNAL OF MICROENCAPSULATION  
 1,1984--  
 TAYLOR AND FRANCIS  
 LONDON ENGLAND  
 ON ORDER  
 J29955000  
 \$54.00

JOURNAL OF ORTHOPEDIC SURGICAL TECHNIQUES  
1,1984--  
FREUND PUBLISHING HOUSE  
LONDON ENGLAND  
FREUND PUBLISHING HOUSE, SUITE 500, CHESHAM  
HOUSE, 150 REGENT ST, LONDON W1R 5FA, ENGLAND  
ON ORDER  
J33377000  
\$95.00

JOURNAL OF PEDIATRIC ENDOCRINOLOGY  
1,1984--  
FREUND PUBLISHING HOUSE  
TEL-AVIV ISRAEL  
FREUND PUBLISHING HOUSE, POB 35010, 61  
NACHMANI STREET, TEL-AVIV, ISRAEL  
ON ORDER  
J33925000  
\$95.00

IM REVUE DE PNEUMOLOGIE CLINIQUE  
40N1, 1984--  
MASSON  
CONTINUES: POU MON ET LE COEUR.  
PARIS FRANCE  
IN PROCESS  
R46090000

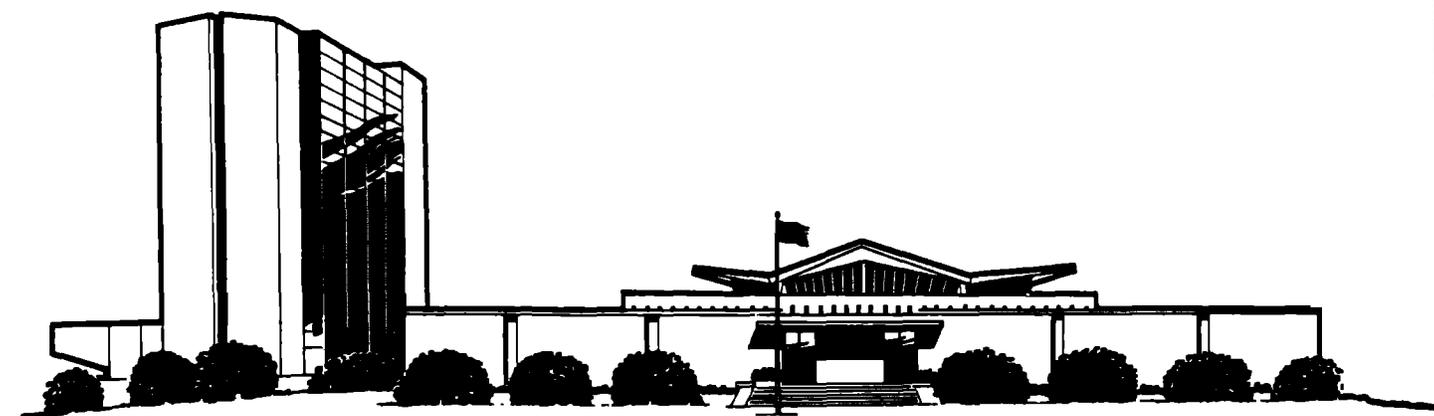
SEMINARS IN DIAGNOSTIC PATHOLOGY  
1N1, FEB 1984--  
GRUNE AND STRATTON  
NEW YORK UNITED STATES  
GRUNE AND STRATTON, P.O. BOX 733, OLD  
CHELSEA STATION, NEW YORK N Y 10113  
IN PROCESS  
S19215000  
\$75.00

IM VITAL AND HEALTH STATISTICS. SERIES 3,  
ANALYTICAL AND EPIDEMIOLOGICAL STUDIES  
21, JUN 1983--  
U.S. DEPT OF HEALTH AND HUMAN SERVICES,  
PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR  
HEALTH STATISTICS  
CONTINUES: VITAL AND HEALTH STATISTICS.  
SERIES 3, ANALYTICAL STUDIES. NO. 22,  
PUBLISHED OUT OF CHRONOLOGICAL ORDER IN  
MAR. 1982, HAS SECTION TITLE: ANALYTICAL  
STUDIES.  
HYATTSVILLE MD UNITED STATES  
W2 A N148VC  
V08765000

# THE NLM TECHNICAL BULLETIN

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NLM TECHNICAL BULLETIN - JUN 84

DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,501	THROUGH 1984	14 JUN 84	
BIOETHICS	16,077	JAN 73-FEB 84	30 APR 84	8404(EM)
CANCERLIT	406,056	JAN 63-JUN 84	04 JUN 84	8406(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	532,626	THROUGH 1984	04 JUN 84	
CHEMLINE	598,165		23 APR 84	8403(EM)
CLINPROT	4,336		25 MAY 84	8405(EM)
DIRLINE	13,672		04 JUN 84	
EXPRESS	8,023	MAR 84-JUN 84	05 JUN 84	8406(EM)
HEALTH	280,621	JAN 75-JUL 84	11 JUN 84	8407(EM)
HISTLINE	62,147		11 JUN 84	8406(EM)
MEDLINE	592,854	JAN 82-JUL 84	04 JUN 84	8407(EM)
MED80	529,246	JAN 80-DEC 81	21 MAY 84	
MED77	775,186	JAN 77-DEC 79	16 APR 84	
MED75	642,721	JAN 75-DEC 76	13 FEB 84	
MED71	883,989	JAN 71-DEC 74	19 MAR 84	
MED66	954,650	JAN 66-DEC 70	07 MAY 84	
MESH VOC	50,327	1984	18 JUN 84	
NAME AUTH	162,458		18 JUN 84	
PDQ	988		29 MAY 84	8405(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	124,172	1970-JUN 84	11 JUN 84	8406(EM)
RTECS	66,954	THROUGH JAN 84	19 MAR 84	
SDILINE	24,008	JUL 84	04 JUN 84	
SERLINE	42,661	1984	04 JUN 84	
TDB	4,117		27 DEC 83	
TOXLINE	744,447		29 MAY 84	8405(EM)
CBAC	380,866	1979-VOL 100(8-10)		
TOXBIB	136,333	1979-JUN 84		
IPA (ASHP)	34,089	1979-VOL 21(9-10)		
HEEP	60,643	1979-VOL 13(6)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	19,465	GRA & I 82(25)-84(2,3)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
Assistant Editor: Rose Marie Woodsmall  
Technical Notes Editor: Patricia E. Healy  
Production Assistant: Mildred D. Mader  
301/496-6193

Direct Inquiries to:  
MEDLARS Management Section  
National Library of Medicine  
Bldg. 38A, Rm. 4N421  
Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

PDQ AND PDQ/DIRECTORY ONLINE CHARGES INITIATED - At the request of the National Cancer Institute, regular online charges will be instituted for the PDQ and PDQ/DIRECTORY databases effective July 1, 1984. The charges for these two databases will be the same as the current MEDLINE charges. OFFSEARCHes will continue to be charged at \$1.00 each; OFFPRINT pages are \$0.18 each. To obtain current MEDLINE charges, access FILE INFORM and after any USER: cue issue one of the following commands: EXPLAIN CHARGES or EXPLAIN PRICES or EXPLAIN COST or EXPLAIN ALGORITHM.

COPYRIGHT OF MEDLARS DATABASES - NLM has been receiving a number of letters concerning copyright of the MEDLARS databases in the United States. The following statement represents NLM's official position on the issue: "The MEDLARS databases are not copyrighted in the United States; however, they may contain copyrighted material. Anyone contemplating reproducing a portion of any of the databases should consult his/her legal counsel."

With respect to copyright outside the United States, the following policy concerning NLM databases is in effect: "All or portions of this publication are protected against copying or other reproduction outside the United States in accordance with provisions of Article II of the Universal Copyright Convention."

HUMAN T-CELL LEUKEMIA VIRUS - Because of the implication of this virus in AIDS (Acquired Immunodeficiency Syndrome), NLM has added this heading to MeSH effective immediately. Citations containing this heading will begin appearing in the database with the 8408 (EM) update to MEDLINE. The heading is being added to citations retrospectively beginning with the 8401 (EM) update. You may update your 1984 MeSH with the following information:

HUMAN T-CELL LEUKEMIA VIRUS  
 B4.909.574.807.505  
 B4.909.777.731.505  
 84  
 X HUMAN T-CELL LEUKEMIA-LYMPHOMA VIRUS  
 X LEUKEMIA VIRUS, HUMAN T-CELL  
 X HTLV

NLM ONLINE  
SERVICES  
REFERENCE  
MANUAL

- A Supplement to the 1982 NLM Online Services Reference Manual, containing seven new or revised chapters, may now be purchased from the National Technical Information Service (NTIS). Included in the Supplement are the following Manual chapters:

<u>CHAPTER</u>	<u>TITLE</u>	<u>DATE</u>
*PART 11	SERLINE	Revised 2/84
*PART 16	CANCERLIT and CANCEREXPRESS	Revised 2/84
*PART 18	CLINPROT	Revised 3/84
PART 23	HEALTH PLANNING & ADMINISTRATION	Revised 12/83
*PART 25	PDQ	Revised 3/84
PART 26	DIRLINE	Revised 2/84
*PART 27	PDQ/DIRECTORY	New 3/84

Asterisked (\*) chapters are new chapters or revisions to chapters that have not been previously published or distributed elsewhere. Chapters without asterisks have been previously issued and/or updated via the NLM Technical Bulletin (TB). Specifically, the HEALTH chapter was revised and sent with the July 1983 TB; further revisions to this chapter were sent with the December 1983 TB. The DIRLINE chapter was first issued with the December 1983 TB; revised DIRLINE pages were sent with the May 1984 TB.

The SERLINE, CANCERLIT, and CLINPROT chapters are complete revisions of the chapters published in the 1982 edition of the Manual. Please note that the CANCERLIT chapter now contains information on the CANCEREXPRESS database in addition to the CANCERLIT database. The PDQ chapter is a revision of the chapter originally issued with the September 1982 TB. The PDQ/DIRECTORY chapter has not been previously issued by NLM.

Due to inhouse printing restrictions, NLM will not be distributing the new or revised chapters with the NLM Technical Bulletin. Instead, these chapters will be sold by NTIS. NTIS will make the Supplement available alone or as a package with the original Manual. Titles, domestic prices, and order numbers for these two publications are as follows:

National Library of Medicine Online Services Reference Manual: Supplement, 1984; \$10.00 (\$4.50 microfiche); PB84-186808.

National Library of Medicine Online Services Reference Manual, 1982 and Supplement, 1984; \$21.00 (\$7.50 microfiche); PB84-186816.

(Note: The original 1982 Manual will only be distributed with the Supplement.)

Orders should be placed with:  
National Technical Information Service  
5285 Port Royal Road  
Springfield, Virginia 22161

CATLINE SEARCH FEATURE RETRACTION - The Text Word (TW) search capability on the publisher name in the second subelement of the Imprint (IM) field as announced in the March 1984 Technical Bulletin, page 3, was not implemented. NLM plans to implement this capability next year. NOTE: This same feature does work in AVLINE.

NOTES FOR MEDICAL CATALOGERS - The publication, Notes for Medical Catalogers, 1983, is now available from the National Technical Information Service. The publication number is PB84-195874; the domestic price is \$8.50 (\$4.50 microfiche).

SERLINE CORRECTION APRIL 1984 ISSUE - The SERLINE search strategy on page 16 of the April 1984 issue of the Technical Bulletin appears incorrectly. Please make the following correction:

Change SS 1: (CA) ON ORDER AND IN PROCESS

to read: SS 1: (CA) ON ORDER OR IN PROCESS

TRAINING TRAINERS 1984 - Numerous applications have been received for the September 20, 1984 NLM training session "Teaching MEDLINE to the Health Care Professional." Applications are still being accepted by MEDLARS Management and will be accepted until August 1, 1984. (See April 1984 NLM Technical Bulletin, pp. 10-11.) ALL APPLICANTS WILL BE NOTIFIED BY AUGUST 20, 1984 IF THEY HAVE BEEN SCHEDULED FOR THE CLASS. No written acknowledgement of applications received will be sent prior to August 20, 1984. If you wish to verify that your application has been received, call MEDLARS Management Section, 301/496-6193.

NEW MEMORANDUM OF UNDERSTANDING

*On June 22, 1984, the National Library of Medicine will issue a new Memorandum of Understanding (MOU) for signature to every MEDLARS user code holder. The Memorandum of Understanding is a document of agreement between NLM and its system users, outlining the basic responsibilities of both parties. The MOU has changed somewhat over the years; for example, there is no longer a statement requiring the user institution to perform searches for the public. However, various institutions have different versions of the Memorandum of Understanding depending on when they received their access code and joined the MEDLARS network. This MOU will also include information about downloading, defining the conditions under which it is permissible. The new MOU supersedes all previous versions.*

*Two copies of the new Memorandum of Understanding and an explanatory cover letter will be sent to the administrator of each domestic access code. Both copies should be signed and returned to the MEDLARS Management Section, National Library of Medicine, Bethesda, Maryland 20209, by September 1, 1984. If NLM has not received the signed copies by that date, termination of the access code may result, since a valid agreement will no longer be in effect. NLM asks your cooperation in signing the new Memorandum of Understanding. The NLM Technical Bulletin will be used in the future as the vehicle for changes to the MOU and therefore we hope we will not have to request re-signature of MOU's in the future unless a major revision occurs.*

HISTLINE VOCABULARY CHANGES  
 James J. Kopp, History of Medicine Division, NLM\*

In an initial effort to bring the HISTLINE vocabulary into closer relationship with MeSH, modifications to some KEYWORDS used in HISTLINE and the Bibliography of the History of Medicine have been made. In each case, the changes resulted in a direct correspondence to an existing MeSH heading. These changes will be effective immediately in HISTLINE but will not be reflected in the printed product until Number 20 of the Bibliography series, expected to be published in 1985. (Number 19 should appear this summer.) Notations of the changes below should be made in the Guide to Keywords in the Structured HISTLINE Vocabulary and in Appendix A of the HISTLINE chapter (Section 22.6) of the Online Services Reference Manual. In addition, an updated Guide to Keywords in the Structured HISTLINE Vocabulary is being prepared and is expected to be ready for distribution by mid-summer.

The following changes have been made in the HISTLINE vocabulary and to the citations in the database so that you need to search only the new term for complete retrieval:

<u>Former KEYWORD</u>	<u>New KEYWORD</u> (directly corresponds to a MeSH Heading)
ART AND MEDICINE	ART
EMERGENCY CARE	EMERGENCY MEDICAL SERVICES
LITERATURE AND MEDICINE	LITERATURE
MORTUARY PRACTICES	MORTUARY PRACTICE
MUSIC AND MEDICINE	MUSIC
SPORT MEDICINE	SPORTS MEDICINE
TRANSPORT OF SICK AND WOUNDED	TRANSPORTATION OF PATIENTS
WARFARE	WAR
WOMEN IN MEDICINE	WOMEN

In addition, citations indexed to RUMANIA in HISTLINE have been changed to ROMANIA to adhere to usage in MeSH. Please make this change in Appendix E of the HISTLINE chapter (Section 22.10).

Other changes in the HISTLINE vocabulary include modifications to three older versions of KEYWORDS to conform to current usage in HISTLINE. Previously both the former and current KEYWORDS had to be ORed together for a comprehensive search. Now, the citations in the database have been changed so that use of only the current KEYWORD is necessary. These three changes are:

<u>Former KEYWORD</u>	<u>Current KEYWORD</u>
INSTRUMENTS	INSTRUMENTS AND EQUIPMENT
OPTICS	OPHTHALMOLOGY
SOCIETIES	SOCIETIES, ACADEMIES AND FOUNDATIONS

(NOTE: SOCIETIES is still a valid KEYWORD SUBTOPIC for the KEYWORDS DENTISTRY and PHARMACY.) Please make these changes in Appendix A and delete the double asterisked footnote that is no longer valid.

One KEYWORD has been added to the HISTLINE vocabulary in the last year and several KEYWORD SUBTOPICS have been incorporated into the database. The new KEYWORD is CHIROPRACTIC (add to Section 22.6, Appendix A) and all citations to chiropractic may now be found under this heading. (Previously these had been indexed under THERAPEUTIC CULTS.) HYPERTENSION has been added to the KEYWORD SUBTOPIC list for DISEASES AND INJURIES (Section 22.7, Appendix B in the HISTLINE chapter of the Online Services Reference Manual). Additions to the KEYWORD SUBTOPIC list for DRUGS AND CHEMICALS are BARBITURATES, LAETRILE, MINERAL WATERS, NICKEL, MOLY, and TOXINS (Section 22.8, Appendix C). [BARBITURATES is mentioned here so that a spelling error in the list on page 640 of the Manual, Rev. 4/83, can be corrected.]

\*James Kopp has taken a position with Columbia University in New York. Questions about HISTLINE vocabulary may be directed to either the MMS Service Desk or to Dr. John L. Parascandola, Chief, History of Medicine Division (301/496-5405).

\*\*\*\*\*

#### NHIC RECORDS ADDED TO DIRLINE

Grace McCarn and Joanne Angle, National Health Information Clearinghouse, Office of Disease Prevention and Health Promotion, DHHS;  
Joan Burnside, Specialized Information Services, NLM

A second component of the Directory of Information Resources Online (DIRLINE) database (see Technical Bulletin, July 1983) was made available in June 1984. The second component consists of records from the National Health Information Clearinghouse (NHIC). The original component, the National Referral Center data from the Library of Congress (LC), has been online since August 1983.

The Office of Disease Prevention and Health Promotion (ODPHP), Public Health Service, U.S. Department of Health and Human Services, created the National Health Information Clearinghouse (NHIC) in 1979 to help consumers and health professionals locate information. The Clearinghouse has built a database of descriptions of about 2,000 organizations that have agreed to accept requests for information from the consumer as well as from the health professional. Approximately 500 of these records were added in this first expanded version of DIRLINE and the remainder are expected to be added by the end of 1984.

The unit record used for ODPHP/NHIC records is the same as that used for the Library of Congress's National Referral Center (NRC) records currently included in DIRLINE. The Secondary Source Identifier (SI) field can be used to restrict retrieval to either the National Referral Center or the National Health Information Clearinghouse records; the SI field contains the designation HR for health resources to identify the NHIC records and the designation NRC for the LC records. For example, to search for Information Clearinghouse records:

```
SS 2 /C?
USER:
1 AND HR (SI)
```

To limit to NRC records:

```
SS 2 /C?
USER:
1 AND NRC (SI)
```

Please note that some new data elements have been added (see below) and not all records contain all data elements. For information on searchable elements, category qualifiers, and PRINT formats, please connect to FILE INFORM and type EXPLAIN DIRLINE or refer to the DIRLINE Pocket Card enclosed with this Bulletin.

The new DIRLINE data elements are:

Forward Cross Reference (FX) - A see related reference to other organizations that have similar types of information to offer. Text Word searchable.

Holdings (HO) - Contains descriptions of the various types of information offered by the organization, e.g., newsletters, pamphlets, databases. Text Word searchable.

Identification Number (ID) - Identifies the grant, project, or contract number associated with the funding of the organization. Not searchable.

Institution Contacts (IC) - The name and/or title of the person in the organization and the telephone number of the contact for providing the information. Not searchable.

Last Revision Date (LR) - Date of verification of the last editing of a record in a six digit format, YYMMDD. Directly searchable.

Performing Organization (PO) - The name of the organization delivering the services which may differ from the name of the resource center. Not searchable.

Supporting Agency (SA) - The agency sponsoring the information resource when it differs from the performing organization or the name of the resource center. Search as Value (SA) or Text Word searchable.

Following is a sample ODPHP/NHIC record:

1  
 SI - HR/0036  
 NA - Arthritis Information Clearinghouse (AIC)  
 AD - P.O. Box 9782, Arlington, VA 22209  
 CY - Virginia (VA)  
 ZP - 22209  
 IC - Information Specialist, (703)558-8250  
 SA - National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases, National Institutes of Health  
 PO - Herner and Company, Arlington, VA  
 AB - The Clearinghouse is designed to help health professionals identify print and audiovisual educational materials concerned with arthritis and related musculoskeletal diseases, and to serve as an information exchange for individuals and organizations involved in public, professional, and patient education. Requests are answered within 1 to 2 week by searching the Clearinghouse's database and other bibliographic sources and by making referrals to appropriate resources.  
 DATABASE: The database begun in 1979, includes abstracts of 3,300 documents published since 1975; about 1,000 records will be added each year. A thesaurus is used to index the entries. A portion of the database is searchable online as a private file. A publicly accessible online AIC database, as part of a combined health database, is planned. Copies of materials found in the database are not provided by the Clearinghouse, but materials may be reviewed there by appointment. Sources indexed by the database include books, bibliographies, pamphlets, journal articles, and audiovisual materials.  
 SERVICE LIMITATIONS: Personal requests from patients are referred to the Arthritis Foundation.  
 HD - Publications include bibliographies, reference sheets, and directories. Serial publication: Arthritis Clearinghouse Memo, irregular--announcements of materials, resources, and services.  
 GN - Authorizing Legislation: Pubic Law 93-640, National Arthritis Act  
 KW - Arthritis  
 KW - Musculoskeletal Diseases  
 KW - Computer Searching  
 FX - See also HRO730, Arthritis Foundation  
 ID - Contract: 1-AM-2-2212

For further information about searching the DIRLINE database, contact the Specialized Information Services, NLM (301/496-1131), or the MEDLARS Management Service Desk at 800/638-8480 or 301/496-6193.

\*\*\*\*\*

UNINET ACCESS PROCEDURES FOR NLM

On June 6, 1984, UNINET access to NLM became available to the NLM Online Users Network. An updated Phones List containing UNINET telephone numbers is enclosed with this issue of the Technical Bulletin.

To access the NLM computer through UNINET, use the following procedure:

Dial the local UNINET number and connect the telephone to your terminal after receiving the high-pitched tone.

<u>UNINET MESSAGE</u>	<u>USER RESPONSE</u>
L? (or garbled message if you terminal is set at 1200 baud)	(CR).(CR)
UNINET PAD 25c1 PORT04 SERVICE:	NLM (CR) ** See note below
*U001 000 CONNECTED TO 30100025	/LOGIN (CR)
PLEASE ENTER USER ID/PASSWORD OR LOGON #####	XXX01/WORD (CR)

(CR) = CARRIAGE RETURN

\*\* = If your terminal is set at half duplex, enter SET2:0 (CR) at SERVICE: message. At next SERVICE: message, enter NLM (CR).

\*\*\*\*\*

PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE  
MOST RECENT NEWS ITEMS ONLINE

DATA COMMUNICATIONS NETWORK SERVICES  
Harry D. Bennett, Deputy Director, Office of  
Computer and Communications Systems

Recently NLM announced that recompetition for the public data network access systems supporting its information services had been successfully completed. NLM is pleased to announce that UNINET, a third supplier of network services, has joined the two existing suppliers, TELENET and TYMNET. The addition of UNINET expands local access to over 500 cities. This is the sum of TELENET, TYMNET, and UNINET coverage. UNINET will provide service to thirty-seven calling areas where local service had not been previously available. The addition of UNINET should prove to be very cost-effective for the Library. It has also enabled NLM to enhance its X.25 network protocol capabilities. The X.25 network protocol is an international data communications standard which provides increased network reliability and performance to users of the networks.

There have been major changes recently in the telecommunications and information processing industries, including the wholesale reorganization of the Bell System. Not only do these changes affect vocal communications in terms of charges, options and services, but there has also been a significant impact on data communications.

Last month the Federal Communications Commission (FCC) announced an across the board 6.1% decrease in interstate toll call charges for all customers. To make up this revenue shortfall, the new local Bell companies are instituting message units and reducing the number of areas previously available as "free" calls. For example, if you are located in Manhattan, NY and the network you are using is located in Queens, NY, you may have to pay telephone message units. However, since there are generally three network facilities in each city, more possibilities for avoiding additional Bell System charges are available. To verify whether or not the TELENET, TYMNET, or UNINET number you wish to dial is a "free" call, just call your local operator, indicate the network telephone number, and the operator will determine if that number is a toll call.

Once you log on to a network your terminal session is protected and data integrity is insured. However, the connection from your terminal to the network is still through the local Bell System. Depending on the distance to the network you choose, you may find one network gives you better performance. This would be measured by the frequency of "garbage" output, disconnects, or inability to connect. You may find that one network gives you faster printing or quicker response. Try all three networks to decide which access method works best for you.

\*\*\*\*\*

SERIALS UPDATE

INDEXED TITLES UPDATE, JUNE 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, MAY 1984

- IDL DENTAL MEDICINE  
 DENT MED  
 IN1-2, JUN 1983--  
 ISRAEL DENTAL ASSOCIATION  
 TEL AVIV ISRAEL  
 INDEXING BEGAN WITH V1N1-2, JUN 1983.  
 ON ORDER  
 D04455000 JTC: DEM
- INI JOURNAL OF THE ASSOCIATION OF PEDIATRIC  
 ONCOLOGY NURSES  
 J ASSOC PEDIATR ONCOL NURSES  
 IN1, WINTER 1984--  
 ASSOCIATION OF PEDIATRIC ONCOLOGY NURSES  
 CHICAGO UNITED STATES  
 OFFICIAL PUBLICATION OF THE ASSOCIATION OF  
 PEDIATRIC ONCOLOGY NURSES.  
 INDEXING BEGAN WITH V1N1, WINTER 1984.  
 ON ORDER  
 J13470000 JTC: JPD
- INI JOURNAL OF CHRISTIAN NURSING  
 J CHRIST NURS  
 SPRING 1984--  
 NURSES CHRISTIAN FELLOWSHIP  
 DOWNERS GROVE IL UNITED STATES  
 INDEXING BEGAN WITH SPRING 1984.  
 ON ORDER  
 J16345000 JTC: JOC
- INI RIVISTA DELL INFERMIERE  
 RIV INFERM  
 1, 1982?--  
 PENSIERO SCIENTIFICO EDITORE  
 ROMA ITALY  
 INDEXING BEGAN WITH V2N1, 1983.  
 ON ORDER  
 R50726000 JTC: TJ6

TITLE CHANGES, MAY 1984

- IM ACTA VETERINARIA ACADEMIAE SCIENTIARUM  
HUNGARICAE  
ACTA VET ACAD SCI HUNG  
1,1951-30,1982  
AKADEMIAI KIADO  
BUDAPEST HUNGARY  
SUPERSEDES ACTA VETERINARIA HUNGARICA.  
CONTINUED BY: ACTA VETERINARIA HUNGARICA.  
W1 AC9555 0001-7205  
A09750000 JTC: 27P
- INI RCN NURSING STANDARD  
RCN NURS STAND  
N1,1968-N344,1984  
ROYAL COLLEGE OF NURSING AND NATIONAL  
COUNCIL OF NURSES OF THE UNITED KINGDOM  
LONDON ENGLAND  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
CONTINUED BY: NURSING STANDARD  
INDEXING BEGAN IN 1982.  
ANA  
R04880000 JTC: RTH
- IM ACTA VETERINARIA HUNGARICA  
ACTA VET HUNG  
31N1-3,1983--  
AKADEMIAI KIADO  
BUDAPEST HUNGARY  
SPINE TITLE: ACTA VETERINARIA. ISSUED BY  
THE HUNGARIAN ACADEMY OF SCIENCES.  
CONTINUES: ACTA VETERINARIA ACADEMIAE  
SCIENTIARUM HUNGARICAE.  
W1 AC955R  
A09794000 JTC: 27Q
- IDL REVISTA DE ACTUALIDAD ESTOMATOLOGICA  
ESPANOLA  
REV ACTUAL ESTOMATOL ESP  
44N334,JAN-FEB 1984--  
CONSEJO GENERAL DE COLEGIOS DE ODONTOLOGOS  
MADRID SPAIN  
CONTINUES: BOLETIN DE INFORMACION DENTAL.  
IN PROCESS  
R29384000 JTC: REY
- IDL BOLETIN DE INFORMACION DENTAL  
BOL INF DENT (MADR)  
14,1954-43N333,NOV-DEC 1983  
CONSEJO GENERAL DE COLEGIOS DE ODONTOLOGOS  
MADRID SPAIN  
CONTINUES INFORMACION DENTAL. CONTINUED  
BY: REVISTA DE ACTUALIDAD ESTOMATOLOGICA  
ESPANOLA.  
W1 IN412 0006-6311  
B26740000 JTC: AE5
- IM REVUE FRANCAISE DES MALADIES RESPIRATOIRES  
REV FR MAL RESPIR  
1,1973-11N6,1983  
MASSON  
PARIS FRANCE  
SUPERSEDES REVUE DE TUBERCULOSE ET DE  
PNEUMOLOGIE. SOCIETE FRANCAISE DE LA  
TUBERCULOSE ET DES MALADIES RESPIRATOIRES  
AND THE COMITE NATIONAL CONTRE LA  
TUBERCULOSE ET LES MALADIES RESPIRATOIRES.  
CONTINUED BY: REVUE DES MALADIES  
RESPIRATOIRES.  
INDEXING BEGAN WITH V.7,NO.1,JAN-FEB,1979  
W1 RE849 0301-0279  
R42740000 JTC: RZ8
- IDL NADL JOURNAL  
NADL J  
1N10,SEP 1954-14,OCT 1968;18N12,DEC  
1971-30N6,NOV-DEC 1983  
NATIONAL ASSOCIATION OF DENTAL LABORATORIES  
WASHINGTON UNITED STATES  
OFFICIAL PUBLICATION OF THE NATIONAL  
ASSOCIATION OF DENTAL LABORATORIES. ISSUED  
NOV. 1966-NOV.1971 WITH TITLE: NACDL  
JOURNAL. ONE NUMBER EACH YEAR, 1959-62,  
CONTAINS THE OFFICIAL ROSTER OF CERTIFIED  
DENTAL TECHNICIANS. CONTINUED BY: TRENDS  
AND TECHNIQUES IN THE CONTEMPORARY DENTAL  
LABORATORY.  
W1 N106  
N00380000 JTC: NPF
- IM REVUE DES MALADIES RESPIRATOIRES  
REV MAL RESPIR  
1,1984--  
MASSON  
PARIS FRANCE  
CONTINUES: REVUE FRANCAISE DES MALADIES  
RESPIRATOIRES.  
IN PROCESS  
R44341000 JTC: RZ9
- INI NURSING STANDARD  
NURS STAND  
N345,MAY 3 1984--  
ROYAL COLLEGE OF NURSING  
LONDON ENGLAND  
CONTINUES: RCN NURSING STANDARD.  
OFFICIAL NEWSPAPER OF THE ROYAL COLLEGE OF  
NURSING. THIS TITLE IS NOT IN THE NLM  
COLLECTION.  
ANA  
N35315000 JTC: NUS
- IDL TRENDS AND TECHNIQUES IN THE CONTEMPORARY  
DENTAL LABORATORY  
TRENDS TECH CONTEMP DENT LAB  
1N1,JAN 1984--  
NATIONAL ASSOCIATION OF DENTAL LABORATORIES  
ALEXANDRIA VA UNITED STATES  
CONTINUES: NADL JOURNAL.  
INDEXING BEGAN WITH V1N1,1984.  
IN PROCESS  
T20375000 JTC: TAT

TITLES NO LONGER INDEXED

ERRATA: All of the titles in the section 'TITLES DESELECTED FOR INDEXING JANUARY - APRIL 1984' were erroneously labelled 'IM' in the May Technical Bulletin. The following lists indicate which titles were indexed for Index Medicus and which were indexed for HEALTH.

*INDEX MEDICUS* TITLES NO LONGER INDEXED AS OF APRIL 1984

The IM titles no longer indexed (having either ceased publication or been deselected) as of April 1984 are:

Unique Identifier (UI)	Journal Title
A03855000	ACQUISITIONS MEDICALES RECENTES
A05240000	ACTA EMBRYOLOGIAE ET MORPHOLOGIAE
A11535000	ACTUALITES PHARMACOLOGIQUES
A13680000	ADVANCES IN COMPARATIVE PHYSIOLOGY AND BIOCHEMISTRY
A14445000	ADVANCES IN METABOLIC DISORDERS
A15420000	ADVANCES IN STEROID BIOCHEMISTRY AND PHARMACOLOGY
A19320000	AKTUELLE GERONTOLOGIE
B18700000	BIOMEMBRANES
B32030000	BOOK SUPPLEMENT TO THE JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY
B36580000	BROOKHAVEN SYMPOSIA IN BIOLOGY
C13160000	CESKOSLOVENSKA GASTROENTEROLOGIE A VYZIVA
C25477000	CLINICAL AND EXPERIMENTAL HYPERTENSION. PART B, HYPERTENSION IN PREGNANCY
C58900000	CYTOLOGIA
F12480000	FORTSCHRITTE IN DER TIERPHYSIOLOGIE UND TIERERNAHRUNG
H17280000	HORMON TO RINSHO. CLINICAL ENDOCRINOLOGY
J10820000	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY
J17400000	JOURNAL OF COMMUNICATION
J35080000	JOURNAL OF PHYSICS E. SCIENTIFIC INSTRUMENTS
J37920000	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE
M25940000	MEDIZINISCHE WELT
M35860000	MIKROSKOPIE
M41040000	MMW. MUNCHENER MEDIZINISCHE WOCHENSCHRIFT
N22880000	NIGERIAN MEDICAL JOURNAL
P27260000	PROBLEMY SEVERA
P48540000	PROGRESS IN PEDIATRIC SURGERY
R28960000	REVIEW OF SCIENTIFIC INSTRUMENTS
R41120000	REVISTA VENEZOLANA DE SANIDAD Y ASISTENCIA SOCIAL
V01900000	VERHANDLUNGEN DER ANATOMISCHEN GESELLSCHAFT
Y02760000	YONAGO ACTA MEDICA
Z05800000	ZEITSCHRIFT FUR TIERPHYSIOLOGIE, TIERERNAHRUNG UND FUTTERMITTELKUNDE
Z07660000	ZFA. ZEITSCHRIFT FUR ALLGEMEINMEDIZIN

HEALTH TITLES NO LONGER INDEXED AS OF APRIL 1984

Indexing ceased for the following HEALTH titles during  
the sixteen month period of January 1983 - April 1984:

Unique Identifier (UI)	Journal Title
C14020000	CHANGE
C32000000	COMMITMENT
C46220000	CONSUMER REPORTS
C46980000	CONTEMPORARY SURGERY
E05690000	1199 NEWS
E06270000	EMPLOYEE HEALTH AND FITNESS NEWSLETTER
H03250000	HBI REPORT
H03590000	HEALTH
H04135900	HEALTH CARE FINANCING TRENDS
H04200000	HEALTH CARE NEWSLETTER
H04970000	HEALTH EDUCATION REPORTS
H06380000	HEALTH MANPOWER LITERATURE
H07220000	HEALTH PLANNING AND MANPOWER REPORT
H17580000	HOSPITAL ADMINISTRATION
H17670000	HOSPITAL ADMITTING MONTHLY
H17750000	HOSPITAL BOND REVIEW
H18130000	HOSPITAL EMPLOYEE HEALTH
H18780000	HOSPITAL INFECTION CONTROL
H19640000	HOSPITAL PEER REVIEW
H19965000	HOSPITAL RISK MANAGEMENT
H20240000	HOSPITAL SUPERVISORS BULLETIN
I12915000	INFECTION CONTROL DIGEST
L07660000	LIBRARY TECHNOLOGY REPORTS
M03520000	MANAGEMENT FOCUS
M17900000	MEDICAL SERVICE
N05670100	NATIONAL NOSOCOMIAL INFECTIONS STUDY REPORT
P34850000	PROCEEDINGS OF THE HEALTH POLICY FORUM
P58020500	PUBLIC SECTOR, HEALTH CARE RISK MANAGEMENT
R05060000	READERS DIGEST
S02460000	SAME-DAY SURGERY
S15630000	SECOND OPINIONS OF HEALTH CARE ISSUES
S47660000	SUPERVISORY MANAGEMENT
S48460000	SURGICAL BUSINESS
T14760000	TRAINING
U04340000	URBAN DESIGN
W00280000	WALL STREET JOURNAL. MIDWEST EDITION

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES - MAY 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

ADVANCES IN PSYCHOANALYSIS  
1,1984--  
ANALYTIC PRESS  
HILLSDALE NJ  
ANALYTIC PRESS, 365 BROADWAY, HILLSDALE NJ  
07642  
ON ORDER  
A15160000

UNITED STATES

CONTEMPORARY ISSUES IN ENDOCRINOLOGY AND METABOLISM  
1,1984--  
CHURCHILL LIVINGSTON  
EDINBURGH  
ON ORDER  
C46753000

SCOTLAND

BRITISH JOURNAL OF HEALTHCARE COMPUTING  
1,1984--  
INCLUDES SUPPLEMENT.  
LONDON?  
ON ORDER  
B34790000  
\$18.00

ENGLAND

CONTEMPORARY ISSUES IN NUCLEAR IMAGING  
1,1984--  
CHURCHILL LIVINGSTONE  
EDINBURGH  
ON ORDER  
C46780500

SCOTLAND

CARDIOVASCULAR HEALTH  
1,1984--  
MEDICAL PUBLISHING  
NEW YORK  
ON ORDER  
C07567000

UNITED STATES

CONTEMPORARY ISSUES IN SMALL ANIMAL PRACTICE  
1,1984--  
CHURCHILL LIVINGSTONE  
EDINBURGH  
ON ORDER  
C46783000

SCOTLAND

CHEMICAL HAZARDS IN INDUSTRY  
JAN 1984--  
ROYAL SOCIETY OF CHEMISTRY  
LETCWORTH  
ROYAL SOCIETY OF CHEMISTRY, DISTRIBUTION CENTRE, BLACKHORSE ROAD, LETCWORTH HERTS SG6 1HN, ENGLAND  
ON ORDER  
C15370000  
\$228.00

ENGLAND

CRC CRITICAL REVIEWS IN ONCOLOGY/HEMATOLOGY  
1,1984--  
CRC PRESS  
BOCA RATON FL  
CRC PRESS, 2000 CORPORATE BLVD. N.W., BOCA RATON FL 33431  
IN PROCESS  
C51270000

UNITED STATES

CLINICS IN PODIATRY  
1,1984--  
W.B. SAUNDERS  
NEW YORK  
ON ORDER  
C27510000  
\$36.00

UNITED STATES

CURRENT TOPICS IN VECTOR RESEARCH  
1,1983--  
PRAEGER  
NEW YORK  
ON ORDER  
C58063000

UNITED STATES

COGNITION AND INSTRUCTION  
1,1984--  
LAWRENCE ERLBAUM ASSOCIATES  
HILLSDALE NJ  
ON ORDER  
C28495000  
\$50.00

UNITED STATES

EXPERIMENTAL AND CLINICAL IMMUNOGENETICS  
1,1984--  
KARGER  
BASEL  
ON ORDER  
E19347000  
\$97.00

SWITZERLAND

COMMUNITY HEALTH NURSING  
1,1984--  
LAWRENCE ERLBAUM ASSOCIATES  
HILLSDALE NJ  
ON ORDER  
C33310000  
\$40.00

UNITED STATES

FAMILY PRACTICE  
1,1984--  
OXFORD UNIVERSITY PRESS  
OXFORD  
OXFORD JOURNAL SUBSCRIPTION DEPT, WALTON ST, OXFORD OX2 6DP, ENGLAND  
ON ORDER  
F01050000  
\$69.00

ENGLAND

GENETIC EPIDEMIOLOGY  
1,1984--  
ALAN R. LISS  
NEW YORK  
ON ORDER  
G04577000

UNITED STATES

JOURNAL OF SUBSTANCE ABUSE  
1,1984--  
PERGAMON PRESS  
OXFORD  
ON ORDER  
J39750000

ENGLAND

IVF, JOURNAL OF IN VITRO FERTILIZATION AND  
EMBRYO TRANSFER  
1N1,MAR 1984--  
PLENUM PRESS  
LONDON  
ON ORDER  
I41570000  
\$80.00

ENGLAND

JOURNAL DE TRAUMATOLOGIE DU SPORT  
1,1984--  
MASSON  
PARIS  
ON ORDER  
J40690000

FRANCE

JOURNAL OF BIOTECHNOLOGY  
1,1984--  
ELSEVIER  
AMSTERDAM  
ON ORDER  
J14685000  
\$241.00

NETHERLANDS

MEDICINE IN OLD AGE  
1,1984--  
CHURCHILL LIVINGSTONE  
EDINBURGH  
ON ORDER  
M22231000

SCOTLAND

JOURNAL OF CLINICAL NEUROPHYSIOLOGY  
1,1984--  
RAVEN PRESS  
NEW YORK  
ON ORDER  
J16827000

UNITED STATES

OPHTHALMIC, PLASTIC AND RECONSTRUCTIVE  
SURGERY  
1,1984--  
MASSON  
NEW YORK  
ON ORDER  
007827000

UNITED STATES

JOURNAL OF RECONSTRUCTIVE MICROSURGERY  
1,1984--  
THIEME-STRATTON  
NEW YORK  
THIEME-STRATTON INC., 381 PARK AVENUE, NEW  
YORK NY 10016  
ON ORDER  
J36857000  
\$49.00

UNITED STATES

PSYCHOANALYTIC PSYCHOLOGY  
1,1984--  
LAWRENCE ERLBAUM ASSOCIATES  
OFFICIAL JOURNAL OF THE DIVISION OF  
PSYCHOANALYSIS, AMERICAN PSYCHOLOGICAL  
ASSOCIATION.  
HILLSDALE NJ  
ON ORDER  
P54090000  
\$45.00

UNITED STATES

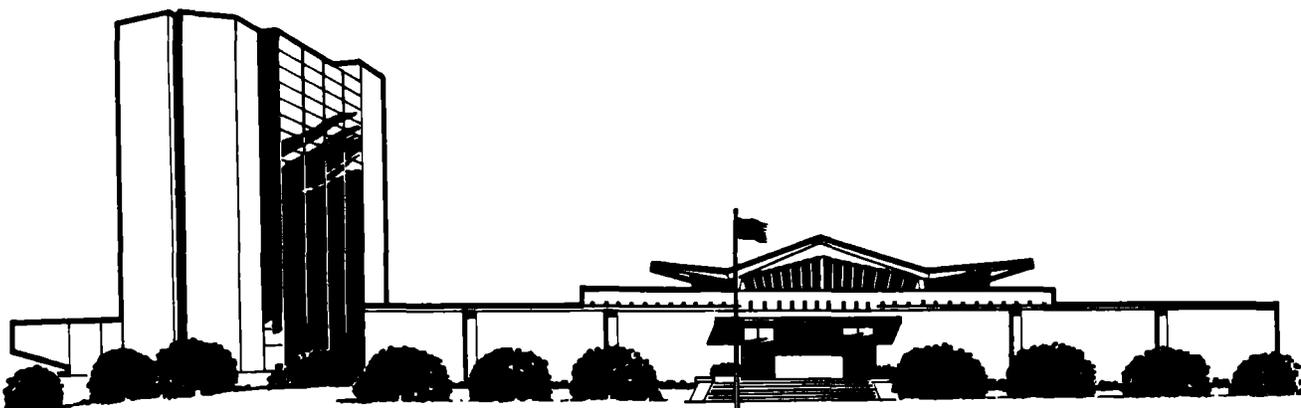
# THE NLM TECHNICAL BULLETIN

## REGULAR ITEMS

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- 6 New POPLINE THESAURUS Available
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Contents Not Copyrighted • Freely Reproducible

DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,572	THROUGH 1984	19 JUL 84	
BIOETHICS	16,552	JAN 73-APR 84	25 JUN 84	8406(EM)
CANCERLIT	409,665	JAN 63-JUL 84	09 JUL 84	8407 EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	533,714	THROUGH 1984	19 JUL 84	
CHEMLINE	605,954		25 JUN 84	8406(EM)
CLINPROT	4,393		20 JUN 84	8406(EM)
DIRLINE	13,672		04 JUN 84	
EXPRESS	7,979	APR 84-JUL 84	05 JUL 84	8407(EM)
HEALTH	282,951	JAN 75-AUG 84	09 JUL 84	8408(EM)
HISTLINE	62,544		06 JUL 84	8407(EM)
MEDLINE	616,737	JAN 82-AUG 84	02 JUL 84	8408(EM)
MED80	529,246	JAN 80-DEC 81	21 MAY 84	
MED77	775,186	JAN 77-DEC 79	16 APR 84	
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MED66	954,650	JAN 66-DEC 70	07 MAY 84	
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POPLINE	125,212	1970-JUL 84	16 JUL 84	8407(EM)
RTECS	66,954	THROUGH JAN 84	19 MAR 84	
SDILINE	23,887	JUL 84	10 JUL 84	
SERLINE	42,930	1984	10 JUL 84	
TDB	4,117		27 DEC 83	
TOXLINE	756,126		25 JUN 84	8406(EM)
CBAC	387,753	1979-VOL 100(11-12)		
TOXBIB	138,999	1979-JUL 84		
IPA (ASHP)	34,464	1979-VOL 21(11)		
HEEP	61,789	1979-VOL 13(7)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
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RPROJ	28,306	1979-FEB 82		
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PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
 Assistant Editor: Rose Marie Woodsmall  
 Technical Notes Editor: Patricia E. Healy  
 Production Assistant: Mildred D. Mader  
 301/496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

MEMORANDUM OF UNDERSTANDING - On June 22, 1984, the National Library of Medicine issued a new Memorandum of Understanding (MOU) to every MEDLARS access code holder. The Memorandum of Understanding is a document of agreement between NLM and its system users, outlining the basic responsibilities of both parties. Two copies of the MOU, signed by NLM's Associate Director for Library Operations, Lois Ann Colaianni, were sent to the administrative address of each domestic user code. One copy should be signed by the code administrator (to be designated by the institution) and returned to NLM by September 1, 1984. The other copy of the MOU should be signed and retained for the organization's records.

If NLM does not receive its signed copy by September 1, 1984, termination of the access code may result since a valid agreement will no longer be in effect. Users who have not received an MOU for signature should contact the MEDLARS Management Section immediately.

LABOR DAY HOLIDAY SCHEDULE - The NLM computer will be down on Monday, September 3, 1984, in observance of the Labor Day holiday.

SERLINE CHANGES - The following changes to SERLINE, which are of special interest to organizations reporting holdings to the SERHOLD database, went into effect with the June 1984 update:

1. All Unique Identifiers (UI) for titles with a Date of Entry (DA) of 840618 or greater will begin with the letters "SR" followed by seven digits. The Unique Identifiers for titles added before 840618 will not change.

2. The number that formerly appeared at the end of the Added Title (AT) field will no longer appear with the standard print commands.

Please note that the Unique Identifier (UI) will remain the only number that should be used to report holdings data to the NLM SERHOLD database.

CHEMLINE/TDB UPDATES DELAYED - The CHEMLINE and TDB databases are experiencing delayed updates. Normally, CHEMLINE has an annual regeneration in January followed by bimonthly updates. For 1984, the CHEMLINE regeneration occurred in April, with an Entry Month tag of 8403 (EM); the first update to CHEMLINE occurred in June and carries the tag 8406 (EM).

TDB is usually regenerated quarterly with versions labelled Winter, Spring, Summer, and Fall. The last TDB update occurred in December 1983 and was labelled the Fall 1983 update.

RETRACTION OF  
PUBLICATION

- Because of the potential importance of an article retraction, NLM has added the heading RETRACTION OF PUBLICATION to the Medical Subject Headings (MeSH), effective immediately. Citations containing this heading will begin appearing in the database with the 8409 (EM) update to MEDLINE. This heading will be used only for citations in which the author(s) of a previously published article or the editor of the journal in which it was published retract the original article. The retraction will be indexed only with this heading. The Editor of Index Medicus has initiated action to assure that all discoverable retractions that have been published in the last three years are input into MEDLINE. The title of the retraction will be modified to include a "Retraction of..." statement in brackets, and the title of the retracted citation will be modified to include a "Retracted by..." statement in brackets.

Example of a retraction as it will appear in MEDLINE:

AU - Braunwald E; Kloner RA  
 TI - Retraction: Border zone salvage by flurbiprofen [letter]  
       [Retraction of Darsee JR, Kloner RA, Braunwald E. In:  
       Circulation 1981 Jan;63(1):29-35]  
 SO - Circulation 1982 Nov;66(5):1136

Example of the original citation as modified for MEDLINE after publication of the retraction:

AU - Darsee JR; Kloner RA; Braunwald E  
 TI - Demonstration of lateral and epicardial border zone salvage by flurbiprofen using an in vivo method for assessing myocardium at risk. [Retracted by Braunwald E, Kloner RA. In: Circulation 1982 Nov;66(5):1136]  
 SO - Circulation 1981 Jan;63(1):29-35

You may update your 1984 MeSH with the following information:

RETRACTION OF PUBLICATION  
 L1.737.840  
 IM; no qualif; for retraction of an article or part of an article previously indexed in INDEX MEDICUS: not for publication retraction as a subject (as an article on "Retraction of Fraudulent Data") (index under PUBLISHING); do not use for authors' or editors' errata; Manual 33.16  
 84

HEALTH  
INFORMATION  
TERMS

- Health Information Terms (HITS), the thesaurus used to index the National Health Information Clearinghouse (NHIC) component of DIRLINE, is available through:

National Health Information Clearinghouse  
 P.O. Box 1133  
 Washington, D.C. 20013

The price of the publication is \$4.00.

## ONLINE INDEXING SYSTEM BEGINS

The production of Index Medicus and MEDLINE became more fully automated in January 1984 when indexers in NLM's Bibliographic Services Division began using a new online indexing and management system. The system supports checkin of Index Medicus and Special List journals, input typing of descriptive information, subject indexing, corrections and validations, and generation of management statistics on the indexing workload. The system tracks each journal as it moves from step to step in the work flow, and supplies reports to warn of possible processing backlogs in the production of Index Medicus and MEDLINE.

The initial portion of the online indexing record for each journal is input in the Serial Records Section at the point of journal checkin. A machine-readable bar code label is affixed to each journal issue indexed for Index Medicus and read into the checkin record, along with the journal volume, issue, and date of publication. The bar code label is used to call up the record for the journal when it is processed at subsequent points in the Index Medicus production work flow.

After checkin, journals are sent to an NLM contractor for editing and keyboarding of the descriptive data for each article, including author, title, language, abstract, and pagination. The journals are then returned to NLM for indexing.

Indexers process each article by reviewing and interacting with a series of formatted screens displayed on their computer terminals. The first screen displays most of the descriptive data for the article. The second screen displays the abstract. A program designed to prevent misspellings and typographical errors from appearing in Index Medicus and MEDLINE compares text words in the title and abstract with a dictionary file. Any words not in the dictionary are highlighted for the indexer's attention. The highlighted words are either misspellings that the indexer must correct, or are words that have never appeared in the dictionary, in which case the indexer overrides the warning of a possible misspelling. Each month, the words that have never appeared in the dictionary are reviewed for inclusion.

The final two screens allow the indexer to add check tags and MeSH headings to the article record. Many validations are built into this part of the online indexing system to improve the accuracy and consistency of Index Medicus and MEDLINE. For example, if an indexer adds the check tag "PREGNANCY," the system automatically adds "FEMALE," and then displays a message asking the indexer to add "HUMAN" or "ANIMAL." If an indexer adds the MeSH heading "DOG DISEASES" to an article, the program will automatically add the check tags "DOGS" and "ANIMAL." Error messages appear if an indexer enters a misspelled MeSH heading, or if an indexer enters an invalid MeSH heading/subheading combination. The system will not allow a record to be added to the database until all errors are corrected.

The online indexing system was designed to make production within NLM's Index Section more efficient, and to further improve the currency and accuracy of Index Medicus and MEDLINE.

\*\*\*\*\*

NEW POPLINE THESAURUS AVAILABLE

The second edition of the POPLINE Thesaurus is now available. It updates and supersedes the 1981 edition. The material on geographical regions and country names in the 1983 Geographical Supplement has also been included. The new Thesaurus contains expanded demographic vocabulary, a revised alphabetical section with extensive scope notes, a permuted display, and a hierarchical arrangement. A number of changes have been made to increase compatibility with the Population Multilingual Thesaurus and to facilitate use in the United Nations POPIN network. The POPLINE Thesaurus has been printed in a looseleaf format for ease of use and updating. A limited supply has been printed, therefore, the producers are requesting that whenever possible, only one copy be requested per institution.

The Thesaurus is available free of charge from:

Population Information Program  
The Johns Hopkins University  
624 North Broadway  
Baltimore, Maryland 21205

Library/Information Program  
Center for Population and Family Health  
Columbia University  
60 Haven Avenue  
New York, New York 10032

Please use the form on the following page to request your copy. Department names or position titles are preferred as updates will be sent periodically in the future.

\*\*\*\*\*

*PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE  
MOST RECENT NEWS ITEMS ONLINE*

POPLINE THESAURUS  
Second Edition  
Summer 1984

Position Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

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Telephone Number \_\_\_\_\_

area code

Contact Person \_\_\_\_\_

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SERIALS UPDATE

INDEXED TITLES UPDATE, JULY 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, JUNE 1984

- INI JOURNAL OF THE CATHOLIC NURSES GUILD OF  
ENGLAND AND WALES  
J CATHOL NURSES GUILD ENGL WALES  
CATHOLIC NURSES GUILD OF ENGLAND AND WALES  
NOTTINGHAM ENGLAND  
THIS TITLE IS NOT IN THE NLM COLLECTION.  
INDEXING BEGAN WITH SPRING 1984.  
ANA  
SR0050098 JTC: JCG
- INI JOURNAL OF COMMUNITY HEALTH NURSING  
J COMMUNITY HEALTH NURS  
INI, JAN 1984--  
LAWRENCE ERLBAUM ASSOCIATES  
HILLSDALE NJ UNITED STATES  
INDEXING BEGAN WITH VINI, 1984.  
IN PROCESS 0737-0016  
J17445000 JTC: JCH
- IDL JOURNAL OF DENTAL PRACTICE ADMINISTRATION  
J DENT PRACT ADM  
INI, JAN/MAR 1984--  
LIPPINCOTT  
PHILADELPHIA UNITED STATES  
INDEXING BEGAN WITH V1, 1984.  
IN PROCESS 0741-8620  
J18650000 JTC: JDA
- IDL REVISTA ESPANOLA DE ENDODONCIA  
REV ESP ENDODONCIA  
1, 1983--  
EDITORIAL Garsi  
MADRID SPAIN  
ORGAN OF ASOCIACION ESPANOLA DE ENDODONCIA.  
INDEXING BEGAN WITH V1, 1983.  
ON ORDER  
SR0050005 JTC: REE

TITLE CHANGES, JUNE 1984

- |  |   |  |   |
|--|---|--|---|
| <p>HLI APPLIED CARDIOLOGY<br/>APPL CARDIOL<br/>12N4, JUN-JUL 1984--<br/>BARRINGTON PUBLICATIONS<br/>LOS ANGELES<br/>CONTINUES: CVP.<br/>ON ORDER<br/>SR0050147</p>   | <p>UNITED STATES<br/>0048-7392<br/>JTC: ACA</p> | <p>IM ENDOCRINE RESEARCH COMMUNICATIONS<br/>ENDOCR RES COMMUN<br/>1, 1974-9N3-4, 1982-83<br/>MARCEL DEKKER<br/>NEW YORK<br/>CONTINUED BY: ENDOCRINE RESEARCH.<br/>WI EN367K<br/>E06960000</p>  | <p>UNITED STATES<br/>0093-6391<br/>JTC: EFX</p> |
| <p>POP CURRENT POPULATION REPORTS, SERIES P-26.<br/>FEDERAL-STATE COOPERATIVE PROGRAM FOR<br/>POPULATION ESTIMATES<br/>CUPR POPUL REP P-26<br/>N1, JUN 1969-N78/49, NOV 1979<br/>U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE<br/>CENSUS<br/>WASHINGTON<br/>ISSUED OCT. 1969-OCT. 1973 AS A UNITED<br/>STATES DEPARTMENT OF COMMERCE PUBLICATION.<br/>ISSUES FOR JUNE 1969-SEPT. 1975 CALLED NO.<br/>1-138. PREPARED UNDER THE AUSPICES OF THE<br/>FEDERAL-STATE COOPERATIVE PROGRAM FOR LOCAL<br/>POPULATION ESTIMATES. SOME NUMBERS ISSUED<br/>IN REVISED EDITIONS. CONTINUED BY: CURRENT<br/>POPULATION REPORTS, SERIES P-26. LOCAL<br/>POPULATION ESTIMATES.<br/>W2 A B93C<br/>C56642000</p> | <p>UNITED STATES<br/>0565-0917<br/>JTC: DWV</p> | <p>HLI HEALTH POLICY<br/>HEALTH POLICY<br/>4N1, 1984-<br/>ELSEVIER<br/>AMSTERDAM<br/>CONTINUES: HEALTH POLICY AND EDUCATION.<br/>PUBLISHED IN COLLABORATION WITH THE<br/>NATIONAL COMMISSION OF HEALTH CERTIFYING<br/>AGENCIES (U.S.A).<br/>ON ORDER<br/>SR0050231</p>   | <p>NETHERLANDS<br/>0168-8510<br/>JTC: HEP</p>   |
| <p>OP CURRENT POPULATION REPORTS, SERIES P-26.<br/>LOCAL POPULATION ESTIMATES<br/>CURR POPUL REP P-26<br/>N82/3-C, FEB 1984?--<br/>U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE<br/>CENSUS<br/>WASHINGTON<br/>CONTINUES: CURRENT POPULATION REPORTS.<br/>SERIES P-26. FEDERAL-STATE COOPERATIVE<br/>PROGRAM FOR POPULATION ESTIMATES.<br/>IN PROCESS<br/>C56642500</p>   | <p>UNITED STATES<br/>JTC: CPR</p>               | <p>HLI HEALTH POLICY AND EDUCATION<br/>HEALTH POLICY EDUC<br/>1, 1979-3N4, APR 1983<br/>ELSEVIER<br/>AMSTERDAM<br/>CONTINUED BY: HEALTH POLICY.<br/>WI HE474<br/>H07340000</p>   | <p>NETHERLANDS<br/>0165-2281<br/>JTC: G2I</p>   |
| <p>HLI CVP<br/>CVP<br/>1, 1973-12N3, APR-MAY 1984<br/>BARRINGTON PUBLICATIONS<br/>LOS ANGELES<br/>CONTINUED BY: APPLIED CARDIOLOGY.<br/>INDEXING BEGAN WITH V11, 1983.<br/>W1 C955<br/>C58560000</p>   | <p>UNITED STATES<br/>0091-4738<br/>JTC: D94</p> | <p>IM MMWR CDC SURVEILLANCE SUMMARIES<br/>MMWR CDC SURVEILL SUMM<br/>32N3SS, AUG 1983--<br/>U.S. CENTERS FOR DISEASE CONTROL<br/>ATLANTA GA<br/>CONTINUES: MMWR SURVEILLANCE SUMMARIES.<br/>W2 A C7CMA<br/>SR0050062</p>   | <p>UNITED STATES<br/>JTC: NE9</p>               |
| <p>IM ENDOCRINE RESEARCH<br/>ENDOCR RES<br/>10N1, 1984--<br/>MARCEL DEKKER<br/>NEW YORK<br/>CONTINUES: ENDOCRINE RESEARCH<br/>COMMUNICATIONS.<br/>IN PROCESS<br/>SR0050174</p>   | <p>UNITED STATES<br/>0743-5800<br/>JTC: EIH</p> | <p>IM MMWR SURVEILLANCE SUMMARIES<br/>MMWR SURVEILL SUMM<br/>32N1SS, FEB 1983-32N2SS, MAY 1983<br/>U.S. CENTERS FOR DISEASE CONTROL<br/>ATLANTA GA<br/>CALLED ALSO: CDC SURVEILLANCE SUMMARIES.<br/>VOLS. FOR FEB. 1983- ISSUED BY THE<br/>EPIDEMIOLOGY PROGRAM OFFICE. ASSUMES VOL.<br/>NUMBERING OF MMWR. MORBIDITY AND MORTALITY<br/>WEEKLY REPORT. CONTINUED BY: MMWR CDC<br/>SURVEILLANCE SUMMARIES.<br/>W2 A C7CMA<br/>M41065000</p> | <p>UNITED STATES<br/>JTC: NNB</p>               |
| <p>IM NATURAL IMMUNITY AND CELL GROWTH REGULATION<br/>NAT IMMUN CELL GROWTH REGUL<br/>3N1, MAY 1984--<br/>KARGER<br/>BASEL<br/>CONTINUES: STEM CELLS.<br/>W1 NA805F<br/>N07495000</p>  | <p>SWITZERLAND<br/>0254-7600<br/>JTC: NIC</p>   |  |   |

IDL OSTERREICHISCHE ZEITSCHRIFT FUR STOMATOLOGIE  
 OSTERR Z STOMATOL  
 46N7,1949-80N12,DEC 1983  
 BUNDESFACHGRUPPE FUR ZAHNHEILKUNDE DER  
 OSTERREICHISCHEN ARZTEKAMMER  
 WIEN AUSTRIA  
 ISSUED JAN. 1921-JUNE 1949 WITH TITLE:  
 ZEITSCHRIFT FUR STOMATOLOGIE. CONTINUED  
 BY: ZEITSCHRIFT FUR STOMATOLOGIE.  
 W1 OE828  
 003353000 JTC: OMZ

IM STEM CELLS  
 STEM CELLS  
 IN1,JUN 1981-2N6,NOV-DEC 1982  
 KARGER  
 BASEL SWITZERLAND  
 CONTINUED BY: NATURAL IMMUNITY AND CELL  
 GROWTH REGULATION.  
 INDEXING BEGAN WITH VIN1,1981.  
 W1 ST439T 0250-6793  
 S41910000 JTC: UZH

IDL ZEITSCHRIFT FUR STOMATOLOGIE  
 Z STOMATOL  
 81N1,FEB 1984--  
 SPRINGER VERLAG  
 WIEN AUSTRIA  
 CONTINUES: OSTERREICHISCHE ZEITSCHRIFT FUR  
 STOMATOLOGIE.  
 W1 ZE609F 0175-7784  
 SR0050130 JTC: ZFS

TITLES NO LONGER INDEXED AS OF JUNE 1984

IM REVUE DE L INSTITUT D HYGIENE DES MINES  
 REV INST HYG MINES (HASSELT)  
 15,1960-38N4,1983  
 INSTITUT D HYGIENE DES MINES  
 HASSELT BELGIUM  
 W1 RE79N 0301-3901  
 R43580000 JTC: S8Y

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES -- JUNE 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

CHRONOBIOLOGY INTERNATIONAL  
1,1984--  
PERGAMON PRESS  
OXFORD ENGLAND  
ON ORDER  
SR0050031 \$85.00

DIABETES RESEARCH  
1N1,MAY 1984--  
TEVIOT-KIMPTON PUBLICATIONS  
EDINBURGH SCOTLAND  
IN PROCESS  
D09270000 \$130.00  
TEVIOT-KIMPTON PUBLICATIONS, 31 MONTPELIER  
PARK, EDINBURGH EH10 4LX, SCOTLAND

INNOVATIONS IN MICROBIOLOGY  
1,1984--  
WILEY  
NEW YORK UNITED STATES  
ON ORDER  
I17109000

INTERNATIONAL JOURNAL OF CHINESE MEDICINE  
1N1,MAR 1984--  
CENTER FOR CHINESE MEDICINE  
MONTEREY PARK CA UNITED STATES  
IN PROCESS  
SR0050027 \$50.00  
CENTER FOR CHINESE MEDICINE, 230 SOUTH  
GARFIELD AVENUE, MONTEREY PARK CA 91754

JOURNAL OF FORENSIC ODONTO-STOMATOLOGY  
1,1983--  
MEDITOR  
JOHANNESBURG SOUTH AFRICA  
ON ORDER  
J21670000

JOURNAL OF MEDICAL SCIENCE  
1N1,JUL 1983--  
RAMITASU  
DHAKA BANGLADESH  
IN PROCESS  
J29245000  
RAMITASU, G.P.O. BOX 3497, DHAKA-2,  
BANGLADESH

REVISTA PORTUGUESA DE SAUDE PUBLICA  
1N1,1983--  
ESCOLA NACIONAL DE SAUDE PUBLICA  
LISBOA PORTUGAL  
IN PROCESS  
R39050000  
ESCOLA NACIONAL DE SAUDE PUBLICA, AV. PADRE  
CRUZ, 1699 LISBOA CODEX, PORTUGAL

RIVISTA ITALIANA DI COLO-PROCTOLOGIA  
1N1,1982--  
LA GAGANGOLA  
PADOVA ITALY  
IN PROCESS  
SR0050101  
LA GARANGOLA, VIA MONTONA 4-, 35137 PADOVA,  
ITALY

STUDIES IN HEALTH AND HUMAN SERVICES  
1,1983--  
EDWIN MELLEN PRESS  
NEW YORK UNITED STATES  
IN PROCESS  
S44185000  
EDWIN MELLEN PRESS, P.O. BOX 450, LEWISTON  
NY 14092

TRADITIONAL CHINESE MEDICINE DIGEST  
1,1984--  
PEOPLES MEDICAL PUBLISHING HOUSE  
HONG KONG HONG KONG  
ON ORDER  
SR0050114  
SHK INTERNATIONAL SERVICES LTD., 3/F.,  
ADMIRALTY CENTRE TOWER II, HONG KONG

TROPICAL MEDICINE SERIES  
4,1983--  
RESEARCH STUDIES PRESS  
LETCWORTH ENGLAND  
IN PROCESS  
SR0050065  
CONTINUES: TROPICAL MEDICINE RESEARCH  
STUDIES SERIES.  
RESEARCH STUDIES PRESS, 58B STATION RD.,  
LETWORTH HERTS SG6 3BE, ENGLAND

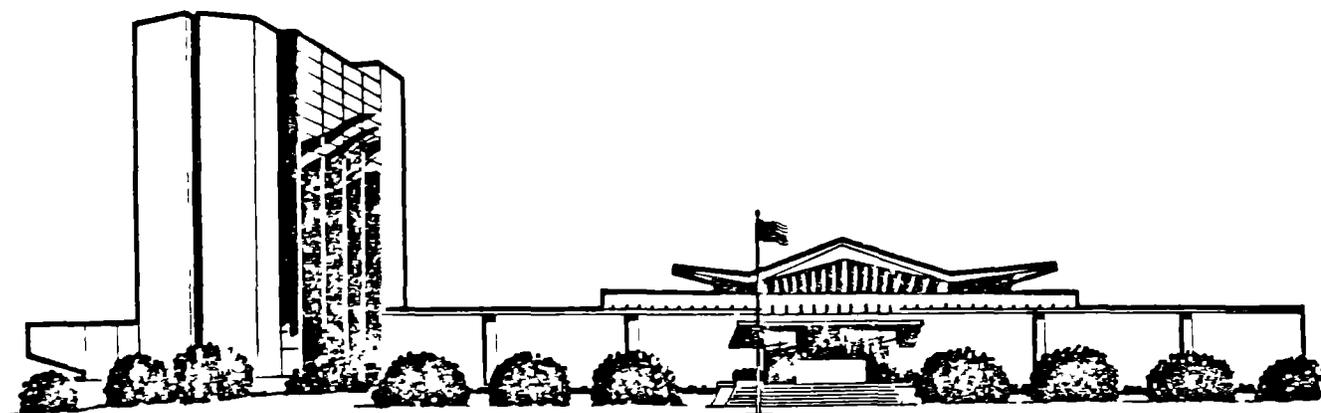
# THE NLM TECHNICAL BULLETIN

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- 7 NLM Online Users' Meeting, 1984
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- 13 The Dating of Delayed Publications



Contents Not Copyrighted • Freely Reproducible

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AVLINE	12,648	THROUGH 1984	16 AUG 84	
BIOETHICS	16,552	JAN 73-APR 84	25 JUN 84	8406(EM)
CANCERLIT	414,416	JAN 63-AUG 84	07 AUG 84	8408(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	549,544	THROUGH 1984	20 AUG 84	
CHEMLINE	612,812		06 AUG 84	8407(EM)
CLINPROT	4,447		23 JUL 84	8407(EM)
DIRLINE	14,619		16 AUG 84	
EXPRESS	8,029	MAY 84-AUG 84	08 AUG 84	8408(EM)
HEALTH	286,224	JAN 75-SEP 84	13 AUG 84	8409(EM)
HISTLINE	62,544		06 JUL 84	8407(EM)
MEDLINE	644,443	JAN 82-SEP 84	06 AUG 84	8409(EM)
MED80	529,246	JAN 80-DEC 81	21 MAY 84	
MED77	775,186	JAN 77-DEC 79	16 APR 84	
MED75	642,710	JAN 75-DEC 76	20 AUG 84	
MED71	883,906	JAN 71-DEC 74	20 AUG 84	
MED66	954,650	JAN 66-DEC 70	07 MAY 84	
MESH VOC	50,975	1984	20 AUG 84	
NAME AUTH	164,914		20 AUG 84	
PDQ	972		20 JUN 84	8406(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	125,889	1970-AUG 84	13 AUG 84	8408(EM)
RTECS	66,954	THROUGH JAN 84	19 MAR 84	
SDILINE	27,707	SEP 84	06 AUG 84	8409(EM)
SERLINE	42,930	1984	10 JUL 84	
TDB	4,117		27 DEC 83	
TOXLINE	766,633		23 JUL 84	8407(EM)
CBAC	398,336	1979-VOL 100(13),101(1)		
TOXBIB	141,795	1979-AUG 84		
IPA (ASHP)	34,464	1979-VOL 21(11)		
HEEP	62,994	1979-VOL 13(8)		
PESTAB	8,209	1979-VOL 14(DEC 81)		
EMIC	41,995	1950-JAN 84		
ETIC	30,595	1950-NOV 83		
RPROJ	28,306	1979-FEB 82		
TD3	20,072	GRA & I 84(4,5)		
TOXBACK74	474,653		19 APR 82	
CBAC	265,253	1974-1978		
TOXBIB	103,386	1974-1978		
IPA (ASHP)	30,606	1974-1978		
HEEP	61,871	1974-1978		
PESTAB	13,537	1974-1978		
TOXBACK65	387,377		19 APR 82	
CBAC	196,015	1965-1973		
TOXBIB	112,170	1968-1973		
IPA	21,973	1969-1973		
HEEP	29,662	1970-1973		
HAPAB/PESTAB	12,966	1968-1973		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1973		

Editor: Carolyn B. Tilley  
 Assistant Editor: Peggy J. Beavers  
 Consulting Editor: Ann Joseph Preiss  
 Technical Notes Editor: Patricia E. Healy  
 Production Assistant: Mildred D. Mader  
 (301) 496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

TELENET WATS USERS - Users who access NLM using a Telenet WATS (800) number should be aware that the Telenet password required during the Telenet login procedure has been changed. WATS users are the only Telenet users affected by this change and may call the MEDLARS Management Service Desk 8:30 AM - 5:00 PM Monday-Friday for the new password. The Tymnet WATS password has not been changed. WATS users are reminded that at this time they may use either Tymnet or Telenet to access NLM. Specific instructions on access were sent to all WATS users in October 1983.

MESH TOOLS 1985 - The following 1985 MeSH tools may now be ordered from the National Technical Information Service (NTIS) for delivery in late September:

<u>Title</u>	<u>Order Number</u>	<u>Price</u>
Medical Subject Headings - Annotated Alphabetic List, 1985	PB84-216084	\$18.00 (\$6.50 Microfiche)
Medical Subject Headings - Tree Structures, 1985	PB84-216092	\$13.00 (\$4.50 Microfiche)
Permuted Medical Subject Headings, 1985	PB84-216100	\$12.00 (\$4.50 Microfiche)

The address of NTIS is:

National Technical Information Service  
 U.S. Department of Commerce  
 5285 Port Royal Road  
 Springfield, Virginia 22161  
 (703) 487-4650 -- for phone orders with a deposit account  
 or credit card

Remittance should be sent with all mail orders.

CHEMLINE SYNONYMS - In August 1983, NLM began using other NLM databases to augment the synonyms derived from the CA Index Guide (of the Chemical Abstracts Service) for inclusion in the CHEMLINE Synonym (SY) Field. These databases are: the MESH VOCABULARY FILE (MESH), the REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) and the TOXICOLOGY DATA BANK (TDB).

To help the searcher identify the source of a synonym name in CHEMLINE, the NLM database(s) of origin for the synonym is listed in square brackets immediately following the name. There are three possible NLM database values: MESH, RTECS, and TDB. Since a synonym may appear in more than one of these databases, several database names may appear after the synonym name. Additionally, the designation, CAS, may also follow the name in the (SY) Field to indicate that the synonym appears in the current Index Guide of Chemical Abstracts Service. The following is an example of a CHEMLINE synonym:

SY - NAPROXEN [CAS:MESH\*:RTECS:TDB\*]

An asterisk (\*) may be used with the MeSH and TDB database tags to provide the searcher with further information about the nature of the synonym. An asterisk with MESH means that the CHEMLINE synonym was a MeSH heading when it was taken from the MeSH File for inclusion in the CHEMLINE Synonym (SY) Field. An asterisk with TDB means that the CHEMLINE synonym was taken from the Name of Substance (NM) Field of TDB. No asterisk with MESH means that the CHEMLINE synonym was derived from either the Backward Cross Reference (BX) Field, the Synonym (SY) Field or the CAS Type 1 Name (N1) Field in the MESH File. No asterisk with TDB means that the CHEMLINE synonym is also a synonym in TDB. The tags CAS and RTECS are currently not asterisked; all RTECS-derived CHEMLINE synonyms originated in either the CAS Type 1 Name (N1) Field or the Synonym (SY) Field of RTECS.

EXPLODING TREE - When Exploding tree numbers, searchers should not use a  
NUMBERS period and a colon (the multiple character truncation symbol). For example, the following should not be input:

USER:  
EXP C3.752.552.: \* \* \* \* \* WRONG WAY

Use of the above will cause the Explode instruction to be overridden and will retrieve only those citations with tree numbers extending beyond C3.752.552.

Instead, searchers should use the following format when Exploding tree numbers:

USER:  
EXP C3.752.552 \* \* \* \* \* RIGHT WAY

TOXLINE REGENERATION, 1984  
Carolyn G. McHale, Specialized Information Services, NLM

A regenerated TOXLINE became available August 27, 1984. The files have been reconfigured with the citations distributed according to the publication year, between TOXLINE and its backfiles. As usual, duplicate citations were removed during this process. We have enhanced the TOXLINE database to provide more efficient retrieval of information. These enhancements include:

- Language enrichment to identify foreign articles
- Replacement of the IPA subfile from 1976 to present
- Replacement of the entire EMIC and ETIC subfiles
- Publication Type data element now used by EMIC and ETIC

1. Reconfiguration of the files

TOXLINE has been reconfigured so that each file contains specific publication years. Citations from the EMIC and ETIC subfiles now appear in the corresponding TOXLINE file.

There are three files associated with the TOXLINE database: TOXLINE, TOXBACK76, and TOXBACK65. Note the name change from TOXBACK74 to TOXBACK76.

TOXLINE contains 445,749 citations from publication year 1981 to the present. TOXBACK76 contains 555,808 citations from publication years 1976 through 1980. TOXBACK65 contains 598,424 citations from pre-1965 publication years through 1975. Approximately 3% of the file is from publication years prior to 1965; most of these citations are found in the EMIC, ETIC, HAYES, and TMIC subfiles.

2. Duplicate Citations Removed

Due to the subfile structure of TOXLINE, many duplicate citations occur in the file (some more than twice). Removal of most of these duplicate citations is accomplished during the regeneration process. A series of computer programs are used to identify and eliminate duplicate citations from only the TOXLINE file (i.e., citations are not removed from the backfiles). This reduces the number of duplicate citations retrieved throughout the user's online and offline prints. However, all duplicates have not been eliminated:

- a. When the machine identification of a duplicate is questionable, no deletion occurs;
- b. No EMIC or ETIC records have been deleted;
- c. TOXBIB subfile (from MEDLINE) duplicates have been retained with the abstract removed from the record; all other data elements including the Keyword field (KW), which contains the MeSH terms, have been retained for searching.

3. Language enrichment to identify foreign articles

The English language tag now appears on all citations in the ETIC and EMIC subfile, on all citations in the IPA subfile from publication year 1976 to present, and on all citations in the HEEP subfile entered after the March 1984 update. A language tag, whether ENG or a foreign language code, appears on

95% of the TOXLINE records and 83% of the TOXBACK76 records. Citations that contain foreign-language codes can now be retrieved by using the term FOR (LA). Thus, foreign-language citations can be eliminated from a retrieval by using AND NOT FOR (LA) with the search strategy.

#### 4. IPA Replacement

A portion of the IPA subfile was completely replaced during this regeneration. The American Society of Hospital Pharmacists (ASHP) continually enhances the indexing terms for the IPA database. The TOXLINE regeneration was an opportune time to replace a portion of this subfile. Only citations appearing in the TOXLINE and TOXBACK76 files were replaced. The Entry Month for these citations corresponds to the collection period. That is, all citations collected (not published) in 1976 have the Entry Month of 7601; 1977-collected citations have 7701; etc.

One very useful enhancement is the index term HUMAN that now appears on the applicable citations. Another enhancement is the appearance of the language code indicating whether the article is in English or a foreign language. In the past, and remaining on the TOXBACK65 citations, only the foreign-language code appears.

#### 5. Replacement of the EMIC and ETIC subfiles

The EMIC and ETIC subfiles have been completely replaced during this regeneration. The Environmental Mutagen and Environmental Teratology Information Centers at the Oak Ridge National Laboratory (ORNL) continually enhance the EMIC/ETIC databases and the TOXLINE regeneration was an opportune time to replace these subfiles. There are 19,554 EMIC records and 13,694 ETIC records in the TOXBACK65 file, 17,267 EMIC records and 11,970 ETIC records in the TOXBACK76 file, and 6,899 EMIC records and 5,937 ETIC records in the TOXLINE file.

One enhancement is the addition of the Publication Type (PT) to each of the EMIC and ETIC records. Prior to regeneration, the Keyword field contained an entry for the literature type. This no longer appears on the records; instead, the Publication Type data element is used. The following Publication Types are valid:

- Journal Article
- Letter to Editor
- Meeting Abstract
- Meeting Paper
- Meeting Report
- Monograph
- Other
- Patent
- Research
- Technical Report
- Thesis

As you may remember, the Publication Type data element had been added at the time of the 1982 TOXLINE regeneration specifically for the CBAC subfile.

All EMIC/ETIC records contain a language code whether ENG or foreign. All records are indexed with HUMAN, when applicable. All EMIC/ETIC records have the Entry Month of 8406.

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NLM ONLINE USERS' MEETING  
MEDICAL LIBRARY ASSOCIATION ANNUAL MEETING  
DENVER, COLORADO - May 28, 1984

The following are the answers to questions posed during the online users' meeting:

Q. Will the health professionals who are trained by the local intermediaries who themselves have been trained by NLM be able to receive access to MEDLARS?

A. Yes. If the individual teaching the health professional course has been trained by NLM, or by an NLM-authorized trainer of trainers, then those health professionals who have attended these workshops may apply for access and have the initial training requirement waived.

Q. Can you tell us more about 2400 BAUD access?

A. At the present time, Tymnet is the only one of the three networks that has 2400 BAUD access nodes. Those numbers are fairly limited, although it is expected that more cities will be added. The 2400 BAUD numbers are indicated by a "\$" in the NLM Phones List. It is also probable that Telenet and Uninet will add 2400 BAUD nodes.

Q. Will the new PDQ user-friendly system be available through the ELHILL software?

A. The PDQ user-friendly system (PDQUFS) is designed to run under INQUIRE which is a database management system and differs considerably from ELHILL. For the present time, PDQ is available through ELHILL and PDQUFS through INQUIRE.

Q. Will the user-friendly PDQ be available to those who have hard-print terminals?

A. PDQUFS may be used on either a print terminal or a CRT.

Q. Are you planning a feature similar to adjacency?

A. Adjacency searching is expected to be a feature of MEDLARS III.

Q. I've had problems receiving offline prints in Canada.

A. All offline prints are mailed on the day following their input to the system. Unfortunately, once the prints leave NLM, we cannot control the speed with which they are handled and delivered. Canadian users regularly experiencing long delays should report these delays to Canada Institute for Scientific and Technical Information (CISTI) for assistance.

- Q. Can you include a date with each online NEWS item?
- A. The proposal to include the date of the next NEWS item with each online NEWS note will be considered.
- Q. With the annual vocabulary changes approaching, is it possible to edit our Automatic SDI stored searches or do we have to purge them entirely and re-enter new strategies?
- A. There is no edit capability available for stored searches or for saved searches in the present ELHILL program. NLM has requested that capability as an enhancement to MEDLARS (MEDLARS III), but there is no way to make that added capability available to you at this time.
- Q. On the offline printouts, why don't they come sorted chronologically?
- A. The databases on MEDLARS are configured on four "streams" for post-processing. The streams are each based on the sizes of the files and configured in such a way as to speed up processing. This necessitates placing MEDLINE and its backfiles in different streams; therefore, the offlines print out of chronological order.
- Q. How will the trained intermediary be compensated for training health professionals?
- A. Those individuals who are teaching MEDLINE to health professionals may be compensated for their time the way libraries or searchers are compensated for performing searches. Certainly, costs of organizing the workshops, such as duplicating materials, may be recouped. It is expected that this compensation would come from those attending the workshops.
- Q. What is wrong with the term end-user? Why is NLM using the term "ultimate"?
- A. Nothing is wrong with the term "end-user." NLM has been using "ultimate" to indicate the ultimate recipient of the data. NLM is primarily using the term "health professional" at this time. If you have suggestions for other terminology, please submit these ideas to us.
- Q. We are turned off by the word "intermediary".
- A. Intermediary is the term being used by the industry to indicate the person acting on behalf of the ultimate user of the information. Other suggestions will certainly be considered.
- Q. Would it be possible to treat the NEWS as a Multi-Meaning message?
- A. The Multi-Meaning message is an ELHILL message indicating more than one meaning to a search term. The NEWS is not part of the retrieval file; it resides in a dataset that is retrieved when the searcher issues the command NEWS. The INFORM file can keep costs of retrieving the online NEWS to a minimum.

- Q. Is INTROMED a program file or is it training?
- A. INTROMED is a database that is designed as a training tool. It is intended to be used by new searchers to practice search techniques. It contains approximately 20,000 citations extracted randomly from the MEDLINE database. INTROMED is charged at a rate that does not charge for citations or characters printed. A detailed description can be found in the NLM Technical Bulletin 1984 April; 180:7.
- Q. Can the workshops "Teaching MEDLINE to the Health Professional" be taped?
- A. NLM will not be taping any of the workshops it gives to health professionals, but those taught elsewhere may certainly be taped. It is expected that a trainer will be present to answer questions as this is important when teaching MEDLINE to health professionals.
- Q. Many health professionals cannot attend one day of training. What is their alternative?
- A. Intermediaries who have been trained by NLM or by an NLM-authorized trainer, may divide the workshop as they see fit. It is designed to be taught over a six hour period of time. This may be done in one day, over two days, or over several days, depending on the needs and desires of those attending.
- Q. Do the health professionals who are receiving training have their own terminals or are they using the library's terminals?
- A. Most of the health professionals who have attended either the one-day seminar or the regular initial training class have their own terminals or microcomputers; however, libraries could make arrangements to make terminals available to health professionals for searching.
- Q. Because you are now using UNINET, are you committed to sending online commercials?
- A. We are not aware of the existence of online commercials and neither is our UNINET representative.
- Q. What are the priority 1 journals? Is a list available?
- A. At the present time, no list is available. NLM is investigating an in-process file for journals that may help users identify the highly substantive titles.
- Q. Can you provide a published list of these journal titles? We don't know which journals are included.
- A. Most of these journals are AIM titles. There are probably about 200 titles in total.

- Q. Are all the AIM titles in there?
- A. Yes, all AIM titles are considered to be priority 1 titles.
- Q. Are the health professionals that have been trained so far who have access to the system paying their bill directly or charging it to their institutions?
- A. Any health professionals who have obtained their own codes as individuals are responsible for the charges incurred on those codes. If they in turn are reimbursed by their institutions, that is arranged by the institution and the individual.
- Q. Will the health professionals who are doing their own searching get a special rate?
- A. At the present time, all users of the NLM online system are charged at the same rate.
- Q. NTIS is not crediting payments. What do we do?
- A. If NTIS is not crediting payments to your account, you should contact NTIS directly. If that is not successful, then contact MMS for assistance. A deposit account may be the best way to resolve this issue.
- Q. Why can't you have a subheading to identify articles that cover the general aspects of a subject?
- A. We will forward this request to the MeSH Section. In the meantime, look for a Monthly Hint on how this can be accomplished.
- Q. Can NLM define REVIEW?
- A. The MeSH heading REVIEW is assigned to articles that are reviews of the literature. The selection of an article to be considered for REVIEW is at times a matter of judgment. Section 12.2.17 of the MEDLARS Indexing Manual, Part II, 1983 states:  
"If an article deals with many aspects of a subject and might constitute, for example, a refresher course for a physician, the article will not be considered a review. If on the other hand, the subject review is written by an expert in the field and covers comprehensively the status of the subject at the time of writing and is truly a review of the literature, include as a review."  
Reviews are generally limited to analyses of the literature for mainly the past 10 years (at the time of indexing).
- Q. We often have difficulty retrieving what our patron physicians call "state-of-the-art" articles. Can you provide help?
- A. This question has been referred to our Index Section. They are monitoring the literature and more information on this issue will be published in an upcoming NLM Technical Bulletin.

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EASY AS PIE A LA MODEM

As employees of the Federal Government, MMS staff cannot recommend particular makes and models of equipment for searchers' use in accessing MEDLARS. Neither can we recommend microcomputer configurations or software packages. However, we do receive questions of this nature on our Service Desk and feel it is important for searchers to be able to share information on available modems, terminals, printers, microcomputers, software, etc. When shared, information of this type should allow both new and experienced searchers to gather details on what equipment or software actually "works."

With this issue of the Bulletin, we would like to introduce this new column for MEDLARS searchers to have a vehicle to share this important information. We welcome all who will write up and send us information of this type on either the equipment or software used in accessing MEDLARS. We would prefer that the material be written up in a format of "a solution to a problem," or "how to."

In this way, we can all learn about various equipment configurations and software uses. MMS will try to publish as many items as are received. Please include your name, institution, and telephone number when submitting items. Appearance of equipment or software in this column is not to be construed as endorsement of any particular products by any individual, institution or organization. It is simply an indication of present use of a particular item to answer a particular problem or need.

The following information was submitted by Kathryn Deck, Center for Environmental Health (CEH), Centers for Disease Control (CDC) in Atlanta, Georgia. She is sharing the present microcomputer configuration used by both the CEH and the Agency for Toxic Substances and Disease Registry (ATSDR), which allows both quick responses between staff involved with "Superfund" activities and the rapid retrieval of information from online systems. "Superfund" is a term used to mean activities under the Comprehensive Environmental Responsibility Compensation and Liability Act of 1980. "Superfund" activities include increased responsibilities for staff regarding the clean-up of hazardous materials and related emergencies, problems and questions. The information provided here is not meant to be an endorsement by CDC, by ATSDR or by the Federal Government of any brand of microcomputers, modems, or software. It is merely a report about what the CDC and ATSDR staff are using at this time to transmit messages between professional staff and to access databases in order to better serve the public in work with hazardous substances.

MICROCOMPUTERS FOR CEH HOME BASE USE

The following equipment is in use at Technical Information Services, CEH, CDC, in Atlanta for online information retrieval and transmission of data to field units.

IBM PC XT with IBM monochrome display

One 5 1/4-inch 320K disk drive and one 10 Megabyte hard disk

512K RAM

256K on IBM system board (128K standard; two 64K chips added)

256K added with a Quadboard by QUADRAM Corporation

Latest Quadboard now offers up to 384K.

Quadboard also supplies real-time clock, parallel interface, and serial RS-232-C interface.

Hayes Smartmodem 1200

Okidata Microline 84 printer (200 cps draft; 50 cps correspondence quality)

Crosstalk XVI telecommunications software with Transporter option by Microstuf

COMPAQ portable microcomputer with integral 9-inch monochrome screen (25 x 80)

Intel 8088 16-bit microprocessor

Two 5 1/4-inch 320K disk drives

256K RAM

Hayes Smartmodem 1200 B (internal modem card for portability)

Okidata Microline 92 printer (160 cps draft; 40 cps correspondence quality)

Crosstalk XVI software

DOS 2.0 for compatibility with IBM PC XT

MICROCOMPUTERS FOR ATSDR FIELD USE

This equipment has been deployed in the field for the use of eight public health advisors assigned to EPA regional offices. It is used to access MEDLARS directly and to exchange information with the CEH, CDC home base in Atlanta.

DOT II portable microcomputer with integral 9-inch monochrome screen

Intel 8088 16-bit microprocessor running MS DOS 1.25

Two 3 1/2 inch 280K disk drives

Integral 160 cps thermal printer

256K RAM

U.S. Robotics Password 1200 Baud Modem (7 x 5 inch plastic housing)

Crosstalk XVI software

Additional printer for use with any of the microcomputers:

Olympia Electronic Compact 2

Functions as a typewriter or as a printer (14 cps)

Built-in centronics parallel interface

Correction memory 46 characters on line being typed

All machines run Crosstalk XVI telecommunications software which is available for most 8- and 16-bit microcomputers. Crosstalk allows for easy programming of automatic dial up, logon, and uploading to systems and for simultaneous downloading to disk or RAM, screen, and printer. Two machines of any kind running Crosstalk can easily transfer files using an error checked protocol, and the Transporter option allows for easy programming for a sequence of transmissions to a series of different machines.

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THE DATING OF DELAYED PUBLICATIONS  
Clifford A. Bachrach, M.D., Editor, Index Medicus

When the publication of a part of a journal is delayed, the actual dating of the issues published late in the year may lead to bibliographic confusion. A recent example is Pharmacology and Therapeutics published by Pergamon Press. Each year the journal is published in four volumes of three issues each. The final volume of 1982 is volume 19 and 1982 is the date printed on the cover of each of the three issues in the volume. However the publication date 1983 appears on the first page of each article in these issues. The last two issues of Volume 23 have 1983 on the cover and 1984 on the articles.

The date(s) on the covers of journal issues are usually used when marking the bound volume. For this reason, the date on the cover of the issue is also used as the publication date in Index Medicus and MEDLINE citations.

Confusion may be caused when a reference is prepared from the individual article. The volume, issue and pagination should be cited correctly but the date may not agree with that found in secondary sources or on issues or bound volumes. Fortunately this is not a common practice but when it occurs it can be a source of confusion.

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PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE MOST  
RECENT NEWS ITEMS ONLINE!

SERIALS UPDATE

INDEXED TITLES UPDATE, AUGUST 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact NMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, JULY 1984

- |    |   |    |   |
|----|---|----|---|
| IM | <p>ADVANCES IN BIOCHEMICAL<br/>ENGINEERING/BIOTECHNOLOGY<br/>ADV BIOCHEM ENG BIOTECHNOL<br/>26,1983--<br/>SPRINGER VERLAG<br/>HEIDELBERG GERMANY, WEST<br/>CONTINUES: ADVANCES IN BIOCHEMICAL<br/>ENGINEERING. INDEXES: --VOLS. 1 (1971)-26<br/>(1983) IN V. 26 (INCLUDES INDEX TO ADVANCES<br/>IN BIOCHEMICAL ENGINEERING).<br/>INDEXING BEGAN WITH V26,1983.<br/>W1 AD436H 0158-9938<br/>A13205000 JTC: 2IQ</p> | IM | <p>AUSTPALASIAN PHYSICAL AND ENGINEERING<br/>SCIENCES IN MEDICINE<br/>AUSTRALAS PHYS ENG SCI MED<br/>N53N1, JAN/FEB 1980--<br/>AUSTPALASIAN COLLEGE OF PHYSICAL SCIENTISTS<br/>IN MEDICINE AUSTRALIA<br/>MELBOURNE<br/>CONTINUES: AUSTRALASIAN PHYSICAL SCIENCES<br/>IN MEDICINE.<br/>INDEXING BEGAN WITH V6N1,1983.<br/>W1 AU335H 0158-9938<br/>A75155000 JTC: 9CI</p> |
| IM | <p>ADVANCES IN INORGANIC BIOCHEMISTRY<br/>ADV INORG BIOCHEM<br/>1,1973--<br/>ELSEVIER/NORTH-HOLLAND UNITED STATES<br/>NEW YORK<br/>SUPPLEMENT TO INORGANIC BIOCHEMISTRY<br/>INDEXING BEGAN WITH V5,1983.<br/>W1 AD648L 0191-0218<br/>A14240000 JTC: 2NF</p>   | IM | <p>BEHAVIOR MODIFICATION<br/>BEHAV MODIF<br/>1,1977--<br/>SAGE PUBLICATIONS UNITED STATES<br/>BEVERLY HILLS CA<br/>INDEXING BEGAN WITH V7N1,1983.<br/>W1 BE124T 0145-4455<br/>R02060000 JTC: 9LS</p>  |
| IM | <p>APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY<br/>APPL BIOCHEM BIOTECHNOL<br/>6N1, MAR 1981--<br/>HUMANA PRESS UNITED STATES<br/>CLIFTON NJ<br/>CONTINUES: JOURNAL OF SOLID-PHASE<br/>BIOCHEMISTRY.<br/>INDEXING BEGAN WITH V8N1,1983.<br/>W1 AP5196D 0273-2289<br/>A57560000 JTC: 6KJ</p>  | IM | <p>BEHRING INSTITUTE MITTEILUNGEN<br/>BEHRING INST MITT<br/>51,1972--<br/>BEHRINGWERKE AG GERMANY, WEST<br/>MARBURG/LAHN<br/>CONTINUES BEHRINGWERKE-MITTEILUNGEN.<br/>INDEXING BEGAN WITH N72,1983.<br/>W1 BE139 0301-0457<br/>B02780000 JTC: 9LI</p>   |
| IM | <p>APPLIED PATHOLOGY<br/>APPL PATHOL<br/>1N1, JAN-FEB 1983--<br/>KARGER SWITZERLAND<br/>BASEL<br/>OFFICIAL ORGAN OF THE ITALIAN DIVISION OF<br/>THE INTERNATIONAL ACADEMY OF PATHOLOGY.<br/>INDEXING BEGAN WITH V1N1,1983.<br/>W1 AP5281P 0252-1172<br/>A57736000 JTC: AFP</p>  | IM | <p>BIOCHEMISTRY INTERNATIONAL<br/>BIOCHEM INT<br/>1N1, JUL 1980--<br/>ACADEMIC PRESS AUSTRALIA<br/>SYDNEY<br/>INDEXING BEGAN WITH V6N1,1983.<br/>W1 BI64B 0153-5231<br/>B15270000 JTC: 919</p>  |

- BIOORGANICHESKAIA KHIMIIA  
 BIOORG KHIM  
 1,1975--  
 NAUKA  
 MOSCVA  
 USSR  
 ISSUED BY AKADEMIIA NAUK SSSR. ARTICLES IN  
 RUSSIAN; SUMMARIES IN ENGLISH AND RUSSIAN.  
 INDEXING BEGAN WITH V9N1,1983.  
 W1 B1876M 0132-3423  
 B19060000 JTC: 9Z8
- IM CELL BIOCHEMISTRY AND FUNCTION  
 CELL BIOCHEM FUNCT  
 1N1, APR 1983--  
 BUTTERNORTH SCIENTIFIC  
 GUILDFORD ENGLAND  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 C128F 0263-6484  
 C10715000 JTC: C9W
- IM CHI SHENG CHUNG HSUEH YU CHI SHENG CHUNG  
 PING TSA CHIH  
 CHI SHENG CHUNG HSUEH YU CHI SHENG CHUNG  
 PING TSA CHIH  
 1N1,1983--  
 SHANGHAI CHINA  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 CH421D  
 C17063000 JTC: DAK
- IM CLINICAL RHEUMATOLOGY  
 CLIN RHEUMATOL  
 1N1, MAR 1982--  
 ACTA MEDICA BELGICA  
 BRUSSELS BELGIUM  
 CONTINUES: ACTA RHUMATOLOGICA.  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 C1779LC 0770-3198  
 C26910500 JTC: D16
- IM DRUG-NUTRIENT INTERACTIONS  
 DRUG NUTR INTERACT  
 1N1,1982--  
 ALAN R. LISS UNITED STATES  
 NEW YORK  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 DR892D 0272-3530  
 D21030000 JTC: EBY
- IM ECOLOGY OF DISEASE  
 ECOL DIS  
 1N1,1982--  
 PEPGAMON PRESS  
 OXFORD ENGLAND  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 EC916M 0278-4300  
 E01150000 JTC: EEG
- IM FORTSCHRITTE DER KIEFERORTHOPADIE  
 FORTSCHR KIEFERORTHOP  
 13,1952--  
 URBAN AND SCHWARZENBERG  
 MUNCHEN GERMANY, WEST  
 CONTINUES FORTSCHRITTE DER ORTHODONTIK.  
 ORGAN OF THE DEUTSCHEN GESELLSCHAFT FUR  
 KIEFERORTHOPADIE.  
 43,1982-45N2,1984 INDEXED ONLY FOR IDL.  
 INDEXING FOR IM RESUMED WITH 45N3,1984.  
 W1 F0859 0015-816X  
 F12210000 JTC: F5U
- IM GENERAL PHYSIOLOGY AND BIOPHYSICS  
 GEN PHYSIOL BIOPHYS  
 1N1, JAN 1982--  
 VEDA  
 BRATISLAVA CZECHOSLOVAKIA  
 PUBLISHED UNDER THE AUSPICES OF: THE SLOVAK  
 ACADEMY OF SCIENCES.  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 GE256 0231-5882  
 G04230000 JTC: FME
- IM HEMATOLOGICAL ONCOLOGY  
 HEMATOL ONCOL  
 1N1, JAN/MAR 1983--  
 JOHN WILEY AND SONS  
 CHICHESTER ENGLAND  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 HE87E 0278-0232  
 H11105000 JTC: GB2
- IM HYBRIDOMA  
 HYBRIDOMA  
 1N1,1982--  
 MARY ANN LIEBERT UNITED STATES  
 NEW YORK  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 HY26 0272-457X  
 H22905000 JTC: GFS
- IM INDIAN JOURNAL OF GASTROENTEROLOGY  
 INDIAN J GASTROENTEROL  
 1N1, APR 1982--  
 INDIAN SOCIETY OF GASTROENTEROLOGY  
 BOMBAY INDIA  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 IN208W  
 I09450000 JTC: GJA
- IM INTERNATIONAL JOURNAL OF CLINICAL  
 PHARMACOLOGY RESEARCH  
 INT J CLIN PHARMACOL RES  
 1N1,1981--  
 BIOSCIENCE EDIPRINT  
 GENEVA SWITZERLAND  
 CALLED ALSO: CLINICAL PHARMACOLOGY  
 RESEAPCH. OFFICIAL JOURNAL OF THE ITALIAN  
 SOCIETY OF CLINICAL PHARMACOLOGY.  
 INDEXING BEGAN WITH V3N1,1983.  
 W1 IN766DKH 0251-1649  
 I26590000 JTC: GRA

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IM INTERNATIONAL JOURNAL OF MICROCIRCULATION:  
 CLINICAL AND EXPERIMENTAL  
 INT J MICROCIRC CLIN EXP  
 1N1,1982--  
 MARTINUS NIJHOFF  
 HAGUE NETHERLANDS  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 IN769Z 0167-6865  
 I27287000 JTC: GSY

IM LYMPHOKINE RESEARCH  
 LYMPHOKINE RES  
 1N1,1982--  
 MARY ANN LIEBERT  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V1N1,1982.  
 W1 LY527D 0277-6766  
 L13813000 JTC: LA1

IM INVASION AND METASTASIS  
 INVASION METASTASIS  
 1N1,SEP 1981--  
 KARGER  
 BASEL SWITZERLAND  
 INDEXING BEGAN WITH V1N1,1981.  
 W1 IN993M 0251-1789  
 I37455000 JTC: GV4

IM PROGRESS IN BEHAVIOR MODIFICATION  
 PROG BEHAV MODIF  
 1,1975--  
 ACADEMIC PRESS  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V15,1983.  
 W1 PR666GM 0099-037X  
 P47040000 JTC: PBM

IM INVESTIGATIONAL NEW DRUGS  
 INVEST NEW DRUGS  
 1N1,1983--  
 MARTINUS NIJHOFF  
 BOSTON UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 IN949R 0167-6997  
 I37910000 JTC: GWJ

IM SANGYO IKA DAIGAKU ZASSHI  
 SANGYO IKA DAIGAKU ZASSHI  
 1,MAR 1979--  
 UNIVERSITY OF OCCUPATIONAL AND  
 ENVIRONMENTAL HEALTH  
 KITAKYUSHU JAPAN  
 ADDED TITLE PAGE TITLE: JOURNAL OF UOEH.  
 INDEXING BEGAN WITH V5N1,1983.  
 W1 SA649D 0387-821X  
 S03450000 JTC: SID

IM JOURNAL OF APPLIED BIOCHEMISTRY  
 J APPL BIOCHEM  
 1,FEB 1979--  
 ACADEMIC PRESS  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V5N1,1983.  
 W1 J0539V 0161-7354  
 J12805000 JTC: HEA

IM SEMINARS IN UROLOGY  
 SEMIN UROL  
 1N1 FEB,1983--  
 GRUNE AND STRATTON  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 SE489R 0730-9147  
 S19404500 JTC: SIU

IM JOURNAL OF NEURO-ONCOLOGY  
 J NEUROONCOL  
 1N1,1983--  
 NIJHOFF  
 BOSTON UNITED STATES  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 J0789T 0167-594X  
 J31085500 JTC: JCP

IM SYMPOSIUM ON FUNDAMENTAL CANCER RESEARCH  
 SYMP FUNDAM CANCER RES  
 1ST, 1947--  
 RAVEN PRESS  
 NEW YORK UNITED STATES  
 CO-SPONSORED BY THE UNIVERSITY OF TEXAS AT  
 HOUSTON GRADUATE SCHOOL OF BIOMEDICAL  
 SCIENCES.  
 INDEXING BEGAN WITH 36TH SYMPOSIUM, 1983.  
 W3 SY5177 0190-1214  
 S52240000 JTC: SFC

IM LIFE SUPPORT SYSTEMS  
 LIFE SUPPORT SYST  
 1N1,JAN/MAR 1983--  
 W.B. SAUNDERS  
 EASTBOURNE EAST ENGLAND  
 SUSSEX  
 JOURNAL OF THE EUROPEAN SOCIETY FOR  
 ARTIFICIAL ORGANS.  
 INDEXING BEGAN WITH V1N1,1983.  
 W1 LI407I 0261-989X  
 L08975000 JTC: LAY

NLM TECHNICAL BULLETIN - AUG 84

TITLE CHANGES, JULY 1984

<p>IM BIOPHYSICS OF STRUCTURE AND MECHANISM            BIOPHYS STRUCT MECH            1.1974-10N, 1984            SPRINGER VERLAG            HEIDELBERG GERMANY, WEST            CONTINUED BY: EUROPEAN BIOPHYSICS JOURNAL.            W1 BI879B 0340-1057            B19240000 JTC: ASV</p>	<p>IM ONCODEVELOPMENTAL BIOLOGY AND MEDICINE            ONCODEV BIOL MED            1,AUG 1980-4,1983            ELSEVIER            AMSTERDAM NETHERLANDS            CONTINUED BY: TUMOUR BIOLOGY.            INDEXING BEGAN WITH V.1,NO.1,1980.            W1 ON102 0167-1618            006610000 JTC: PAJ.</p>
<p>IM EUROPEAN BIOPHYSICS JOURNAL            EUR BIOPHYS J            11N1,1984--            SPRINGER-VERLAG            HEIDELBERG GERMANY, WEST            CONTINUES: BIOPHYSICS OF STRUCTURE AND            MECHANISM.            IN PROCESS            SR0050646 JTC: EHU</p>	<p>IM TUMOUR BIOLOGY            TUMOUR BIOL            5,1984--            SAIKON PUBLISHING            TOKYO JAPAN            CONTINUES: ONCODEVELOPMENTAL BIOLOGY AND            MEDICINE.            ON ORDER 0289-5447            SR0050462 JTC: TUB</p>

INDEX MEDICUS TITLES NO LONGER INDEXED AS OF AUGUST 1984

<p>AJS. AMERICAN JOURNAL OF SOCIOLOGY            AJS            70,1964--            UNIVERSITY OF CHICAGO PRESS            CHICAGO UNITED STATES            INDEXING CEASED WITH V89N6,1984.            W1 A117H 0002-9602            A18555000 JTC: 3YT</p>	<p>HEFTE ZUR UNFALLHEILKUNDE            HEFTE UNFALLHEILKD            N1,1929--            SPRINGER VERLAG            BERLIN GERMANY, WEST            INDEXING CEASED WITH V170,1984.            W1 HE683 0085-1469            H09860000 JTC: G3B</p>
<p>AMERICAN CORRECTIVE THERAPY JOURNAL            AM CORRECT THER J            21N5,1967--            AMERICAN CORRECTIVE THERAPY ASSOCIATION            RENOBOTH BEACH DE UNITED STATES            INDEXING CEASED WITH V38N3,1984.            W1 AM346 0002-8088            A23400000 JTC: 3BQ</p>	<p>HUMAN DEVELOPMENT            HUM DEV            8,1965--            KARGER            BASEL SWITZEPLAND            INDEXING CEASED WITH V27N3-4,1984.            W1 HU46C 0018-716X            H22000000 JTC: G0Z</p>
<p>AMERICAN SOCIOLOGICAL REVIEW            AM SOCIOL REV            1,1936--            AMERICAN SOCIOLOGICAL ASSOCIATION            NEW YOPK UNITED STATES            INDEXING CEASED WITH V49N3,1984.            W1 AM808 0003-1224            A25845000 JTC: 433</p>	<p>JOURNAL OF REHABILITATION            J PEHABIL            11,1945--            NATIONAL REHABILITATION ASSOCIATION            WASHINGTON UNITED STATES            INDEXING CEASED WITH V50N2,1984.            W1 JO866R 0022-4154            J36860000 JTC: J117</p>
<p>FYSIATRICKY A REVMAOLOGICKY VESTNIK            Fysiatr Reumatol Vestn            44,1966--            AVICENUM            PRAHA CZECHOSLOVAKIA            INDEXING CEASED WITH V62N3,1984.            W1 FY634 0072-0038            F15300000 JTC: F9L</p>	<p>PHYSIOTHERAPY            PHYSIOTHERAPY            34,1948--            CHARTERED SOCIETY OF PHYSIOTHERAPY LONDON            LONDON ENGLAND            INDEXING CEASED WITH V70N5,1984.            W1 PH566 0031-9406            P15460000 JTC: FCC</p>

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REHABILITATION: SOZIALMEDIZIN  
 PHYSIKALISCHENMEDIZIN PRAVENTIVMEDIZIN  
 REHABILITATION (BONN)  
 15.1962--  
 MFGA  
 BONN GERMANY, WEST  
 INDEXING CEASED WITH V36N3-4,1983.  
 W1 RF176 0048-7147  
 R11360000 JTC: R3L

REUMATOLOGIA  
 REUMATOLOGIA  
 1,1963--  
 PANSTWOWY ZAKLAD WYDAWNICTW LEKARSKICH  
 WARSZAWA POLAND  
 INDEXING CEASED WITH V22N1,1984.  
 W1 RE251H 0034-6233  
 R27660000 JTC: R95

SOCIAL PSYCHOLOGY QUARTERLY  
 SOC PSYCHOL Q  
 AMERICAN SOCIOLOGICAL ASSOCIATION  
 ALBANY NY UNITED STATES  
 INDEXING CEASED WITH V47N2,1984.  
 W1 S0123TQ 0190-2725  
 S28610000 JTC: UTR

SOCIOLOGICAL REVIEW  
 SOCIOL REV  
 NS1,1953--  
 UNIVERSITY OF KEELE  
 KEELE ENGLAND  
 INDEXING CEASED WITH V32N1,1984.  
 W1 S0979E 0038-0261  
 S30120000 JTC: UUG

SPECIAL EDUCATION: FORWARD TRENDS  
 SPEC EDUC FORWARD TRENDS  
 1,1974--  
 NATIONAL COUNCIL FOR SPECIAL EDUCATION  
 LONDON ENGLAND  
 INDEXING CEASED WITH V11N2,1984.  
 W1 SP286P 0305-7526  
 S34480000 JTC: UXS

ZEITSCHRIFT FUR TIERPHYSIOLOGIE,  
 TIERERNAHUNG UND FUTTERMITTELKUNDE  
 Z TIERPHYSIOL TIERNHR FUTTERMITTELKD  
 13,1958--  
 VERLAG PAUL PAREY  
 HAMBURG GERMANY, WEST  
 INDEXING CEASED WITH V52N1,1984.  
 W1 ZE625K 0044-3565  
 Z05800000 JTC: Y0Y

ZENTRALBLATT FUR ARBEITSMEDIZIN,  
 ARBEITSSCHUTZ, PROFYLAXE UND ERGONOMIE  
 ZENTRALBL ARBEITSMED APEEITSSCHUTZ PROFHYL  
 ERGONOMIE  
 30N4, APR 1980--  
 HAFNER  
 HEIDELBERG GERMANY, WEST  
 INDEXING CEASED WITH V34N6,1984.  
 W1 ZE767M 0173-3338  
 Z06605000 JTC: Y4R

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES -- JULY 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact i.s. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

ADVANCES IN MENTAL RETARDATION AND  
DEVELOPMENTAL DISABILITIES  
1,1983--  
JAY PRESS  
GREENWICH CT UNITED STATES  
IN PROCESS  
S70050350  
JAY PRESS, 36 SHEPWOOD PL., GREENWICH CT  
0, 075

AMERICAN JOURNAL OF HOSPICE CARE  
1,1 WINTER 1984--  
PRIME NATIONAL PUBLISHING  
WESTON MA UNITED STATES  
ON ORDER  
S70050371 \$25.00  
CIRCULATION DEPT, PRIME NATIONAL  
PUBLISHING, 470 BOSTON POST RD, WESTON MA  
02183

BIOLOGICAL PSYCHIATRY - NEW PROSPECTS  
1,1984--  
LITTEY  
LONDON ENGLAND  
IN PROCESS  
S70050269

CURRENT ADVANCES IN GENETICS AND MOLECULAR  
BIOLOGY  
1,1984--  
PERGAMON PRESS  
OXFORD ENGLAND  
IN PROCESS  
S70050533 \$275.00

DEVELOPMENTAL NEUROPSYCHOLOGY  
1, JAN 1984--  
LAWRENCE EPLBAUM ASSOCIATES  
LONDON ENGLAND  
ON ORDER  
S70050474  
LAWRENCE EPLBAUM ASSOCIATES, CHANCERY  
HOUSE, 319 CITY ROAD, LONDON EC1V 1LJ,  
ENGLAND

INTERNATIONAL JOURNAL OF INVERTEBRATE  
REPRODUCTION AND DEVELOPMENT  
7,1, MAR 1984--  
ELSEVIER  
AMSTERDAM NETHERLANDS  
IN PROCESS  
S70050327  
CONTINUES: INTERNATIONAL JOURNAL OF  
INVERTEBRATE REPRODUCTION.

KARDIO  
1,1, AUG 1983--  
FRIEDEL  
FRANKFURT/MAIN GERMANY, WEST  
IN PROCESS  
S70050292

PERINATAL PRACTICE  
1,1984--  
WILEY  
CHICHESTER ENGLAND  
ON ORDER  
S70050268

# THE NLM TECHNICAL BULLETIN

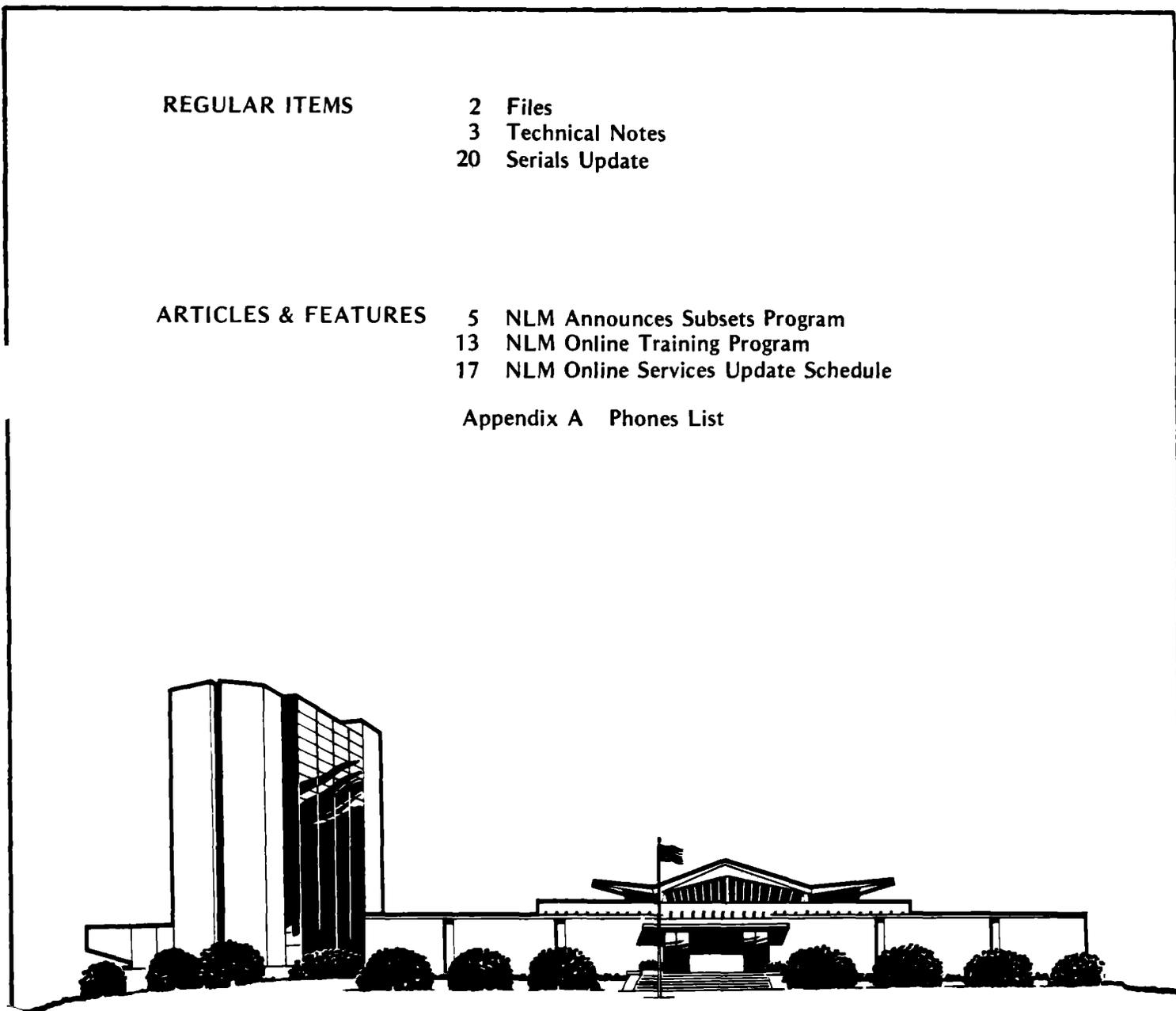
## REGULAR ITEMS

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- 3 Technical Notes
- 20 Serials Update

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- 13 NLM Online Training Program
- 17 NLM Online Services Update Schedule

Appendix A Phones List



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NLM TECHNICAL BULLETIN - SEP 84

DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,739	THROUGH 1984	13 SEP 84	
BIOETHICS	16,852	JAN 73-JUN 84	14 SEP 84	8408(EM)
CANCERLIT	418,808	JAN 63-SEP 84	04 SEP 84	8409(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	550,335	THROUGH 1984	13 SEP 84	
CHEMLINE	607,203		04 SEP 84	8407(EM)
CLINPROT	4,508		27 AUG 84	8408(EM)
DIRLINE	14,049		16 AUG 84	
EXPRESS	7,510	MAY 84-SEP 84	04 SEP 84	8409(EM)
HEALTH	288,959	JAN 75-OCT 84	10 SEP 84	8410(EM)
HISTLINE	62,942		04 SEP 84	8409(EM)
MEDLINE	669,261	JAN 82-OCT 84	04 SEP 84	8410(EM)
MED80	529,237	JAN 80-DEC 81	10 SEP 84	
MED77	775,167	JAN 77-DEC 79	04 SEP 84	
MED75	642,710	JAN 75-DEC 76	20 AUG 84	
MED71	883,906	JAN 71-DEC 74	20 AUG 84	
MED66	954,650	JAN 66-DEC 70	10 SEP 84	
MESH VOC	51,132	1984	10 SEP 84	
NAME AUTH	165,366		04 SEP 84	
PDQ	1,009		27 AUG 84	8408(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	126,344	1970-SEP 84	10 SEP 84	8409(EM)
RTECS	70,029	THROUGH JUL 84	12 SEP 84	
SDILINE	24,818	OCT 84	04 SEP 84	8410(EM)
SERLINE	44,088	1984	23 AUG 84	
TDB	4,112		06 SEP 84	
TOXLINE	445,749		27 AUG 84	8408(EM)
CBAC	263,187	1981-VOL 101(2,3)		
TOXBIB	98,492	1981-SEP 84		
IPA (ASHP)	22,122	1981-VOL 21(13-16)		
HEEP	37,246	1981-VOL 13(9)		
PESTAB	1,536	1981		
EMIC	6,899	1981-APR 1984		
ETIC	5,937	1981-APR 1984		
TD3	10,330	1981-GRA&I 84(6-9)		
TOXBACK76	555,808		27 AUG 84	
CBAC	298,383	1976-1980		
TOXBIB	106,643	1976-1980		
IPA(ASHP)	33,321	1976-1980		
HEEP	63,796	1976-1980		
PESTAB	14,757	1976-1980		
EMIC	17,267	1976-1980		
ETIC	11,970	1976-1980		
TD3	9,671	1976-1980		
TOXBACK65	598,424		27 AUG 84	
CBAC	287,992	1965-1975		
TOXBIB	155,387	1965-1975		
IPA(ASHP)	33,876	1969-1975		
HEEP	54,075	1970-1975		
HAPAB/PESTAB	18,416	1968-1975		
EMIC	19,554	1950-1975		
ETIC	13,694	1950-1975		
TD3	839	PRE-1965-1975		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1975		

Editor: Carolyn B. Tilley  
Assistant Editor: Ann Joseph Preiss  
Technical Notes Editor: Patricia E. Healy  
Production Assistant: Mildred D. Mader  
(301) 496-6193

Direct Inquiries to:  
MEDLARS Management Section  
National Library of Medicine  
Bldg. 38A, Rm. 4N421  
Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

COLUMBUS DAY HOLIDAY SCHEDULE - The NLM computer will be up on Monday, October 8, 1984, the day of the Federal Government observance of Columbus Day. Non-Prime rates will be in effect all day. The MEDLARS Management Service Desk will not be staffed. On Columbus Day, Friday, October 12, 1984, the NLM computer will be up and the MMS Service Desk staffed. Regular rates will be in effect all day.

TOXLINE UPDATE SCHEDULE REVISION - Beginning with the September 1984 (8409 (EM)) update, TOXLINE will be updated monthly on the third weekend of the month rather than the fourth weekend. The updated file will be available that Monday according to the following schedule:

<u>UPDATE TAG</u>	<u>DATE AVAILABLE</u>
8409	September 17, 1984
8410	October 15, 1984
8411	November 19, 1984
8412	December 17, 1984

The dates listed above supersede the dates published in Appendix B, "Database Update Schedule for 1984," of the October 1983 Technical Bulletin. Please update this schedule to reflect these changes.

TOXBACK FILE ALIASES - Effective with the TOXLINE regeneration of August 27, 1984, any of the following aliases may be used with a FILE command to access the TOXLINE backfiles:

<u>Database Name</u>	<u>Aliases</u>
TOXBACK76	TOX76 or T76
TOXBACK65	TOX65 or T65

These aliases may also be used with the EXPLAIN command when requesting an online EXPLAIN of these files.

AUGUST 1984 INVOICES FOR TOXLINE/TOXBACKS - Due to the regeneration of TOXLINE and its backfiles which occurred on August 27, 1984, August invoices will have off-line prints and OFFSEARCHes for TOXBACK74 (the old TOXLINE backfile) and TOXBACK76 recorded separately. However, all online usage for TOXBACK74 during the first three weeks of August will be reported as a total under the heading TOXBACK76; there will be no separate usage report for online TOXBACK74 usage. September invoices will not show the heading TOXBACK74 for prints, OFFSEARCHes, or usage.

- CHEMLINE REGENERATION - The CHEMLINE file has been regenerated to reflect changes resulting from the August 27, 1984 regeneration of the TOXLINE files. The Locator (LO) field now carries TOXBACK76 as a locator instead of TOXBACK74. In addition, other locators in a record may have changed because of changes in the distribution of Registry Numbers in the TOXLINE and TOXBACK files. No new data have been added and Entry Months (EM) remain the same. The new file size is 607,203.
- TDB REGENERATION - The Toxicology Data Bank (TDB) was regenerated on September 6, 1984. The file contains 4,112 records of which 4,077 are complete. The Last Revision Date (LR) field should not be used to determine the revision status of the record because, for this update, the (LR) field is inaccurate on a small portion of records (less than 10%). The last TDB regeneration occurred in December 1983.
- CANCERLIT CITATIONS - Beginning with the September 1984 update, the CANCERLIT database once again will include citations to the published literature in addition to the citations extracted from the MEDLINE database. For the next two months, most of the additional material will consist of meeting abstracts. Later, monographs, technical reports, theses, some additional journal articles and occasional letters to the editor will be added. All citations not derived from MEDLINE will have ICDB in the Secondary Source (SI) field. This non-MEDLINE material will not be added to the CANCEREXPRESS database.
- HEALTH PLANNING ADMINISTRATION DATABASE BROCHURE - A new brochure on the HEALTH PLANNING & ADMINISTRATION database is available from the American Hospital Association (AHA). Please call the AHA Library at 312/280-6263 for more information.
- PHONES LIST - A list of available telephone numbers used to access the NLM computer is enclosed as Appendix A.

PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE MOST  
RECENT NEWS ITEMS ONLINE!

NLM ANNOUNCES SUBSETS PROGRAM

The NLM is announcing the availability of subsets on magnetic tape of the MEDLINE database. Details may be found in the "Domestic MEDLARS Subset Policy" and its "Attachment A: Charges for Subsets," both of which are reproduced following this article. Both documents are self-explanatory. Among the major points are the following:

- 0 The Subset Policy is being implemented in phases. NLM expects to begin service following the introduction of the 1985 MeSH.
- 0 In its first phase, the Subset Policy will cover only Individualized Subsets and Custom Subsets, each of which will be provided on magnetic tape. It will not cover Predetermined Subsets, subsets on floppy disk, leasing arrangements for users outside the United States (only domestic users may currently apply), or any database other than MEDLINE or its backfiles.
- 0 A subset user is not required to hold a MEDLARS UserID code, although this is recommended.
- 0 NLM will supply only the data (i.e., MEDLINE or backfile citations and MESH Vocabulary File data); software required to store and search the subset data is the responsibility of the licensee.
- 0 An NLM Subset Packet that contains technical details and information on how to order a subset or sample tape may be requested from MMS.

RECOMMENDED PROCEDURE FOR OBTAINING A SUBSET

The general steps for obtaining a subset are listed below:

1. Read the Subset Policy and Attachment A: Charges for Subsets.
2. If you are interested, request the NLM Subset Packet available from MMS.
3. NLM strongly recommends that you purchase a sample tape in the Standard Distribution Format (SDF) that will be used for subsets. Sample tapes of MEDLINE and the MESH Vocabulary File are available for \$25 each. Information about these sample tapes is contained in the subset packet.
4. If you wish to proceed after examining the test tape data, submit the completed subset application form and related documentation to MMS. MMS staff will be available for general questions; however, the analysis and the subset search strategy design are the responsibility of the applicant.
5. MMS will process the application and generate the subset.

6. While having a MEDLARS UserID code is not a requirement for licensing a subset, we anticipate that many subset licensees also will have an online code. In these cases, we ask that the licensees follow the newly established Subset Program procedures for designing and naming the subset search. These procedures are similar to the Automatic SDI Program procedures, and are based on the ELHILL STORESEARCH capability which is documented in Section 5.2+ of the Online Services Reference Manual, 1982. (NOTE: If you do not have a MEDLARS UserID code, a form for supplying the strategy on paper is included in the NLM Subset Packet. Alternatively, you may wish to apply for an online code and use the STORESEARCH capability.)

SUBSET PROGRAM PROCEDURE

The procedure for subsets, using the STORESEARCH capability, is as follows:

1. Naming Conventions

- A. The name may be up to 30 characters in length, counting spaces; make sure the 30th character itself is not a space.
- B. Begin the name with the letter Z which tells the computer that this is a subset strategy.
- C. Follow the letter Z with a three digit number which tells the computer what print format to use for your search as shown below:

<u>Number Range</u>	<u>Meaning</u>
100-199	PRINT STANDARD* plus DA, UI, and EM
200-299	All data elements for Range 100 above plus MH
300-399	All data elements for Range 100 above plus AB
400-499	All data elements for Range 100 above plus MH, AB, TT, LA, RN, ID
500-599	PRINT DETAILED

\*PRINT STANDARD includes AU, TI, and the separate data elements that make up the source information, i.e., TA, DP, VI, IP, and PG.

- D. Follow the three digit number with a space. The remaining 25 characters may be whatever you choose with the exception that a name may not contain a Boolean operator (i.e., AND, OR, AND NOT) or any special characters such as punctuation marks. A sample subset search name could be: Z400 Cardiology Subset
2. Design and refine the strategy in MEDLINE or SDILINE.
  3. Use the command STORESEARCH and enter the search formulation to permanently record it.
  4. At the prompt, type in the search name you have chosen according to the naming conventions above.

5. Make sure that all terms desired for retrieval are logically pulled together in the last search statement since only the last search statement is used to generate the final product.
6. To end the STORESEARCH procedure, type the word FINISHED in response to the next USER: cue. :
7. On the following day, use the DISPLAY command followed by the full search name to verify that the search was stored properly. (NOTE: Searches entered on Saturday are stored Monday evening and therefore cannot be DISPLAYed until Tuesday.)
8. Test the search strategy in SDILINE to evaluate the retrieval in terms of scope and quantity.
9. An incorrect STORESEARCH must be deleted by using the PURGESEARCH command and the correct strategy re-entered with another STORESEARCH command. Stored search names and strategies cannot be edited; they must be deleted and re-stored. Never use exactly the same name for multiple stored searches. (Note: "Stored searches" is a generic phrase that includes searches recorded permanently through STORESEARCH or temporarily through SAVE or SAVESEARCH.)
10. Stored searches for subset licensees cannot be sorted. Retrieval will be output in reverse chronological order of entry into MEDLARS.

We invite your comments and questions in writing to MMS. NLM is looking forward to the implementation of the subset program as an effective means of further disseminating biomedical information.

\*\*\*\*\*

National Library of Medicine  
Domestic MEDLARS Subset Policy

1. Introduction

Since initiating online MEDLARS services, the National Library of Medicine (NLM) has provided access directly to its databases from its own computer resources or by making tapes of the databases available through cooperative agreement with foreign centers or by leasing them to commercial vendors. Because of the size of the NLM databases, tape distribution has been limited to organizations having major computer resources. With the development of sophisticated and relatively low cost mini- and microcomputers, it has become feasible for individual users and organizations with smaller computers to set up local retrieval capabilities for files of substantial size. The Library has therefore decided to make it possible to mount subsets of MEDLARS on personal or institutional computers. The NLM has developed a subset policy and license agreement through which portions of the total MEDLARS database can be made available to the Library's domestic users. This document describes the basic policy which the Library has adopted to implement the subset service. Obtaining software required to store and search subsets is the responsibility of the licensee.

2. Primary Objective

The NLM subset policy seeks to encourage and facilitate increased use of biomedical information by increasing the availability of NLM bibliographic databases. Effective use of contemporary computer technology and distributed information processing techniques are the means to this end.

3. Definition of Subsets

A "subset" is a portion of a database made available offline in electronic form via tape, floppy disk, etc., for subsequent storage and re-use in a distributed local processing mode. Subsets are provided under explicitly stated terms and conditions as part of a formalized license agreement. This differs from "downloading" wherein users execute a search online and retrieve records that are subsequently stored in a local computer for re-use. Downloading is subject to the restrictions and pricing algorithms applicable to online users. (c.f. Memorandum of Understanding)

Revised 8/28/84

4. Contents of Subsets

Subsets will consist of portions of unit records which may include citations, index terms and abstracts comprising defined portions of an NLM database. Initially, subset contents will be limited to the current year of the MEDLINE file (approximately 300,000 citations) and the MEDLINE backfiles from 1966 to the current year, totaling approximately 4.0 million citations.

5. Types of Subsets

Three types of subsets will be produced and distributed in response to user requests:

- a. "Predetermined Subsets" which are selected by NLM based upon the Library's experience or advice of professional groups, and are expected to be of use to a sizeable number of people. Monthly or quarterly updates will be provided for annual subscriptions.
- b. "Individualized Subsets" which are selected by the subset requester from MEDLINE current year and backfiles. Monthly or quarterly updates will be provided for annual subscriptions.
- c. "Custom Subsets" which are selected by the subset requester from MEDLINE current year and backfiles. These subsets are non-recurring and no updates will be provided.

6. Classes of Subset Service

Two classes of subset service will be offered by NLM:

- a. "Personal Use" Subsets intended for use by an individual;
- b. "Multiple Use" Subsets intended for use by more than one person at one or more sites.

"Personal Use" and "Multiple Use" subsets may be obtained as "Predetermined Subsets" or "Individualized Subsets". "Custom Subsets" are available for "Personal Use" only.

7. Restrictions

Subsets will be offered solely by NLM or its authorized contractual agent(s). Some of the contents of subsets may be subject to copyright, and licensees should be cognizant of restrictions on their use. Recipients of subsets are expressly prohibited from republishing, duplicating or offering the subset for re-sale to others.

8. Charges

The NLM's pricing policy is predicated on the principle that users pay the full cost for accessing the products and services of MEDLARS. In determining the price of any individual product or service, including subsets, a primary concern is to ensure that the price does not impair access by users, while at the same time ensuring that an appropriate share of the overall costs are recovered. Thus, the pricing of subsets is intended to recover access related costs, including NLM computer costs, materials, shipping, staff costs, and overhead.

"Personal Use" subsets are available on the basis of a flat rate charge which varies by type of subset and medium of distribution (magnetic tape, floppy disk, etc.). "Multiple Use" subsets are priced on the basis of the size of files obtained and the frequency of their use. Under certain circumstances, a flat rate pricing option may be available for "Multiple Use" subsets whose licensees do not vend a database service. In order to qualify for the flat rate, the licensee must limit access to either academically affiliated institutions or corporate members of the organization which are located within a reasonable geographic distance from the licensee.\*

See Attachment A for current prices and availabilities.

9. How to Order Subsets

A complete instruction packet for ordering subsets is available on request from:

MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Room 4N421  
 Bethesda, Maryland 20209  
 ATTN: Subsets

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\*A "reasonable geographic distance" is interpreted to be normally within the confines of a local region's telephone area code. The boundaries of an institution/organization's corporate responsibility will be interpreted liberally, but cannot, for example, be construed to be a chain of widely based corporate related hospitals, or a consortium of cooperating libraries.

Attachment A  
National Library of Medicine  
CHARGES FOR SUBSETS\*

"PERSONAL USE" SUBSETS: For Predetermined Subsets and for Individualized Subsets, charges include monthly or quarterly updates. Subscriptions in subsequent years include replacement tape(s) for which maintenance and error correction have been performed.

- I. Magnetic Tape (there is an annual limit of 150,000 citations)
  - A. Predetermined Subsets - not presently available; annual subscription to the current year and backfiles expected to be \$1,000 annual flat rate
  - B. Individualized Subsets - annual subscription to the current year and backfiles - \$1,500 annual flat rate
  - C. Custom Subsets - one time retrieval from current year and backfiles \$500 flat rate; no updates provided
- II. Floppy Disk - not presently available; charges to be announced

"MULTIPLE USE" SUBSETS: Charges include monthly or quarterly updates.

- I. Magnetic Tape
  - A. Predetermined Subsets - not presently available; charges to be announced.
  - B. Individualized Subsets
    - 1. Option A: Annual minimum with use charge\*\*
      - a. Current Year Annual Subscription
        - 1) Annual Minimum Charge: up to 25% file: \$1,250  
26% to 50% file: \$2,500  
51% to 75% file: \$3,750  
76% to full file: \$5,000
        - 2) Use charges offset annual minimum: \$4 per connect hour during prime time and \$3 per hour during non-prime time (6:00 PM to 6:00 AM local time Monday through Friday and Saturday, Sunday and holidays) PLUS \$0.01 for each citation printed offline at the host computer.
      - b. Backfiles Annual Subscription
        - 1) Annual Minimum Charge: up to 25% file: \$2,500  
26% to 50% file: \$5,000  
51% to 75% file: \$7,500  
76% to full file: \$10,000

\*All charges include a copy of the MeSH Vocabulary File, if requested.

\*\*The use charge offsets the annual minimum charge. If the use is the dollar equivalent to less than the minimum, the minimum is paid. If the actual use is the dollar equivalent to more than the minimum, the dollar equivalent is paid.

- 2) Use charges offset annual minimum: as described for Current Year Annual Subscription.
- 3) In subsequent years the annual charge for the backfiles includes the cost of a replacement tape(s) for which maintenance and error correction have been performed.

Under certain circumstances, a flat rate pricing option (Option B) is available for an institution/organization which does not vend a database service. In order to qualify for the flat rate, the institution/organization must limit access to either academically affiliated institutions or corporate members of the organization which are located within a reasonable geographic distance\*\*\*. If the institution/organization does not anticipate having sufficient use to warrant paying the flat rate, it may offset the minimum annual charge by paying a \$4 per connect hour use charge with no charges for citations printed offline.

## 2. Option B: Flat Rate

An institution/organization which limits access to either academically affiliated institutions or corporate members of the organization which are located within a reasonable geographic distance\*\*\* may elect to pay an annual flat rate with no hourly use or citation charge.

### a. Current Year Annual Subscription

Charges are not dependent upon size of file. There is a \$10,000 annual flat rate which includes one academically affiliated institution. An additional annual charge of \$1,000 is made for each additional academically affiliated institution to which service is provided.

- b. Backfiles Annual Subscription - annual flat rate is dependent upon size of the file:
 

up to 25% file:	\$2,500
26% to 50% file:	\$5,000
51% to 75% file:	\$7,500
76% to full file:	\$10,000

In subsequent years the annual charge for the backfiles includes the cost of a replacement tape(s) for which maintenance and error correction have been performed.

### C. Custom Subsets - not available for multiple use

## II. Floppy Disk - not available at this time

\*\*\*A "reasonable geographic distance" is interpreted to be normally within the confines of a local region's telephone area code.

**SUBWAY STATION OPENS**

On August 25, 1984 a new subway station--part of the Metro Red Line serving the D.C. metropolitan area--opened near the Library. This station, known as Medical Center, is located on the National Institutes of Health campus near the Library at South Drive and Rockville Pike. An extension of the Red Line of the Metro Rail System, the station is the seventh stop from Dupont Circle, in northwest Washington, about a 15 minute ride. Staff, patrons, and out-of-town visitors should find the subway a convenient means of transportation to the Library from various points in the area, including National Airport and Union Station. The station also serves visitors to NIH and the National Naval Medical Center.

**NLM ONLINE TRAINING PROGRAM**

**Patricia Clark Buchan, MEDLARS Management Section, NLM**

The schedule of NLM Online Services Training Classes has been announced for 1985. This year NLM continues its commitment to provide training at decentralized sites on both the Initial and Advanced levels. To this end, twenty-two of the thirty-nine scheduled Initial classes will be hosted at sites other than NLM. Every attempt will be made to place training applicants in the class being taught in the location nearest to them. Presently, all of the Initial Classes are filled through the end of 1984, and a number of applicants have been placed on a waiting list for attending the classes in early 1985.

This year there will be eight offerings of the Advanced Online Services Training class. Four of these will be taught at NLM, and one each in Honolulu, HI, Palo Alto, CA, Hanover, NH, and Lansing, MI. We hope these will provide ample opportunity for searchers to learn about the specialized databases and searching capabilities of the MEDLARS system.

\*\*\*\*\*

NLM ONLINE SERVICES TRAINING  
TENTATIVE  
1985 SCHEDULE

MONTH	DATES	COURSE	LOCATION
JANUARY	7-11	Advanced	Honolulu, HI
	14-18	Initial	NLM
	14-18	Initial	Cleveland, OH
	28-Feb. 1	Initial	UCLA
	28-Feb. 1	Advanced	NLM
FEBRUARY	4-8	Initial	Tulsa, OK
	11-15	Initial	Tampa, FL
	25-Mar. 1	Initial	UCLA
	25-Mar. 1	Initial	NLM
MARCH	11-15	Advanced	Palo Alto, CA
	11-15	Initial	NLM
	11-15	Initial	Chicago, IL
	25-29	Initial	NLM
APRIL	15-19	Initial	UCLA
	15-19	Initial	Omaha, NE
	22-26	Initial	NLM
	29-May 3	Advanced	NLM
MAY	6-10	Initial	Seattle, WA
	13-17	Initial	Minneapolis, MN
	20-24	Initial	New York, NY
JUNE	10-14	Initial	NLM
	17-21	Initial	UCLA
	17-21	Initial	Dallas, TX
	24-28	Initial	NLM
JULY	8-12	Initial	Denver, CO
	8-12	Initial	Hanover, NH
	15-19	Advanced	Hanover, NH
	22-26	Initial	Reno, NV
	29-Aug. 2	Initial	Omaha, NE
	29-Aug. 2	Initial	NLM
AUGUST	12-16	Initial	NLM
	19-23	Initial	UCLA
	26-30	Advanced	NLM
SEPTEMBER	9-13	Initial	Madison, WI
	9-13	Initial	NLM
	30-Oct. 4	Initial	NLM
OCTOBER	7-11	Initial	UCLA
	7-11	Initial	St. Louis, MO
	21-25	Initial	NLM
	21-25	Initial	Lansing, MI
	28-Nov. 1	Advanced	Lansing, MI
28-Nov. 1	Initial	UCLA	
NOVEMBER	4-8	Initial	NLM
	18-22	Initial	Phoenix, AZ
DECEMBER	2-6	Initial	NLM
	2-6	Initial	New Orleans, LA
	9-13	Advanced	NLM

NLM ONLINE TRAINING APPLICATION

Date: \_\_\_\_\_

TRAINEE: \_\_\_\_\_  
Name/Title ( ) Telephone

ORGANIZATION:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

ONLINE STATUS: \_\_\_\_\_ New Code \_\_\_\_\_ Existing Code (Code= \_\_\_\_\_ )

AUTHORIZED BY: \_\_\_\_\_  
Name/Title ( ) Telephone / / Date

\*\*\*\*\*

TRAINEE INFORMATION

1. Reason for Training: (check one)

- Primary Searcher
- Replacement for Primary Searcher
- Backup/Secondary Searcher
- Other (Specify) \_\_\_\_\_

2. Online Training Courses Attended (Include dates and sponsoring organizations):

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

3. Previous Experience with NLM Online Databases (Specify approximate connect hours used):

- MEDLINE
- TOXLINE
- Cancer Databases
- Others (Specify) \_\_\_\_\_

4. Experience with Other Online Systems (Specify approximate connect hours used):

- Bibliographic Retrieval Service (BRS)
- Systems Development Corporation (ORBIT)
- Dialog Retrieval Service
- Others (Specify) \_\_\_\_\_

\*\*\*\*\* (over)

TRAINING CLASS INFORMATION

1. Dates Requested:

INITIAL

ADVANCED (3-6 mos.after Initial)

1st Choice

2nd Choice

2. INITIAL CLASS ONLY Modules to be Attended: (check all that apply)

- a. Introduction to MEDLARS/MEDLINE  
Days 1, 2, & 3 (Module I) (required) \_\_\_\_\_
- b. Chemical/Toxicological Databases  
Day 4 (Module II) (optional) \_\_\_\_\_
- c. Cancer Databases  
Day 5 (Module III) (optional) \_\_\_\_\_

\*\*\*\*\*  
\* Return form to: \*  
\* MEDLARS Management Section \*  
\* National Library of Medicine \*  
\* 8600 Rockville Pike \*  
\* Bethesda MD 20209 \*  
\*\*\*\*\*

+++++

NLM USE ONLY

Training Class Assignment: \_\_\_\_\_  
Date

INITIAL \_\_\_\_\_ Waived  
Date

- a. Intro to MEDLARS/MEDLINE \_\_\_\_\_  
(Module I) Date
- b. Chem/Tox Databases \_\_\_\_\_  
(Module II) Date
- c. Cancer Databases \_\_\_\_\_  
(Module III) Date

ADVANCED \_\_\_\_\_  
Date

Class Location: \_\_\_\_\_

cc: RML \_\_\_\_\_

NLM ONLINE SERVICES UPDATE SCHEDULE

The National Library of Medicine Online Services Updates for fall 1984 have been scheduled by local groups in each of the seven regions. The dates and locations of the sessions are listed below. For further information contact the individual listed for each session or the Regional Medical Library (RML).

REGION 1                      Regional Contact Person: Julie Quain 212/876-8763

October 11, 1984 Syracuse, NY Fran Schelander 315/470-7380 or Linda Hulbert 315/473-4583	November 6, 1984 Summit, NJ Kathy Moeller 201/522-2119 or Judy Schuback 609/435-2421
October 21 and 23, 1984 Portland, ME Debi Warner 207/795-2560	November 9, 1984 Wallingford, CT Maryanne Witters 203/797-7279
October 30 and 31, 1984 Philadelphia, PA Sara Richardson 215/952-9404	November 14, 1984 Boston, MA Christine Bell 617/964-2800, Ext.2279
November 2, 1984 Pittsburgh, PA Madlynne Harris 412/624-2521	November 15, 1984 Worcester, MA Christine Bell 617/964-2800, Ext.2279
November 5, 1984 Mount Holly, NJ Elizabeth O'Connor 609/267-0700, Ext. 3021 or Judy Schuback 609/435-2421	November 27, 1984 New York, NY William Self 212/427-1630
	December 5, 1984 New York, NY Kate Finch 212/876-8200, Ext.308

REGION 2                      Regional Contact Person: Carol Jenkins 301/528-2855

October 10, 1984 Key Biscayne, FL Henry Lemkau 305/547-6441	November 17, 1984 Washington, DC Karen Patrias 301/496-6097
October 25, 1984 Atlanta, GA Carol Burns 404/329-5820	December 3, 1984 Research Triangle Park, NC Jim Shedlock 919/962-0700
October 29, 1984 Memphis, TN Mary King Givens 901/528-5634	

REGION 3                      Regional Contact Person: Patricia Pinkowski 312/996-2464

October 12, 1984  
Flint, MI

November 9, 1984  
Chicago, IL

October 24, 1984 - RML Sponsored  
Cedar Rapids, IA      Update Clinic

November 13, 1984  
Louisville, KY

November 1, 1984  
Cleveland, OH

November 15, 1984  
Wisconsin Educational Telephone Network

November 2, 1984  
Columbus, OH

November 16, 1984  
Waukesha, WI

November 6, 1984  
Fargo, ND

November 29, 1984  
Indianapolis, IN - Indiana Medical  
Television Network

November 7, 1984  
Minneapolis, MN

REGION 4                      Regional Contact Person: Helen-Ann Brown 402/559-4326

October 17 and 18, 1984  
Omaha, NE (MCMLA)

November 26, 1984  
Salt Lake City, UT

November 2, 1984  
Omaha, NE

November 28, 1984  
Denver, CO (more experienced searchers)

November 12, 1984  
Wichita, KS

November 29, 1984  
Denver, CO (less experienced searchers)

November 13, 1984  
Kansas City, KS

December 3, 1984  
Cheyenne, WY

November 15, 1984  
St. Louis, MO

REGION 5                      Regional Contact Person: Donna Coleman 214/688-2085

October 15, 1984  
Houston, TX  
Gail Yokote 713/797-1230

November 9, 1984  
Albuquerque, NM  
Sandra Spurlock 505/277-2311

October 16, 1984  
San Antonio, TX  
Pat Riley 512/691-6278

November 16, 1984  
Oklahoma City, OK  
Phyllis Lansing 405/271-2680

Region 6                    Regional Contact Person: Carole Stock 206/543-8262

October 26, 1984  
Seattle, WA

November 12, 1984  
Boise, ID

November 10, 1984  
Bozeman, MT

December 7, 1984  
Portland, OR

REGION 7                    Regional Contact Person: Collette Ford 213/825-5341

October 19, 1984  
Phoenix, AZ

November 5, 1984  
Honolulu, HI

October 26, 1984  
San Francisco, CA

November 14, 1984  
Long Beach, CA

\*\*\*\*\*

SERIALS UPDATE

INDEXED TITLES UPDATE, SEPTEMBER 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, AUGUST 1984

IDL FUNCTIONAL ORTHODONTIST  
 FUNCT ORTHOD  
 IN1,MAY/JUN 1984--  
 AMERICAN ASSOCIATION OF FUNCTIONAL  
 ORTHODONTISTS  
 WINCHESTER VA UNITED STATES  
 INDEXING BEGAN WITH VIN1,MAY/JUN 1984.  
 ON ORDER  
 F14930000 JTC: FUD

IDL RESTORATIVE DENTISTRY  
 RESTORATIVE DENT  
 IN1,APR 1984--  
 A.E. MORGAN PUBLICATIONS  
 EPSOM ENGLAND  
 INDEXING BEGAN WITH VIN1,1984.  
 ON ORDER  
 SR0050706 JTC: RED

IDL NIGERIAN DENTAL JOURNAL  
 NIGER DENT J  
 1,1980--  
 COLLEGE OF MEDICINE  
 LAGOS NIGERIA  
 OFFICIAL PUBLICATION OF THE NIGERIAN DENTAL  
 ASSOCIATION.  
 INDEXING BEGAN WITH V4N1,MAY 1983.  
 ON ORDER  
 N22803000 JTC: NDJ

IDL VIDA ODONTOLGICA  
 VIDA ODONTOL  
 1,1978?--  
 SOCIEDADE PORTUGUESA DE ODONTOLOGIA  
 LISBOA PORTUGAL  
 INDEXING BEGAN WITH V16N6,1983.  
 ON ORDER  
 SR0051236 JTC: VOD

INI PAEDOVITA  
 PAEDOVITA  
 IN1,JAN 1984--  
 ETERNA PRESS  
 OAK BROOK IL UNITED STATES  
 INDEXING BEGAN WITH VIN1,1984.  
 IN PROCESS 0737-5131  
 SR0050980 JTC: PAT

TITLE CHANGES, AUGUST 1984

- INI AANNT JOURNAL  
 AANNT J  
 8N1, FEB 1981-11N3, MAY 1984  
 AMERICAN ASSOCIATION OF NEPHROLOGY NURSES  
 AND TECHNICIANS  
 PITMAN NJ UNITED STATES  
 CONTINUES: THE JOURNAL OF THE AMERICAN  
 ASSOCIATION OF NEPHROLOGY NURSES AND  
 TECHNICIANS. CONTINUED BY: ANNA JOURNAL.  
 W1 AA101B 0744-1479  
 A00365000 JTC: AAX
- IM INTERNATIONAL JOURNAL OF PSYCHOSOMATICS  
 IDL  
 INT J PSYCHOSOM  
 31N1, 1984--  
 INTERNATIONAL PSYCHOSOMATICS INSTITUTE  
 PHILADELPHIA UNITED STATES  
 CONTINUES: THE JOURNAL OF THE AMERICAN  
 SOCIETY OF PSYCHOSOMATIC DENTISTRY AND  
 MEDICINE.  
 W1 IN777P  
 SR0050786 JTC: GTC
- IM ACTA PHYSIOLOGICA LATINOAMERICANA  
 Acta Physiol Lat Am  
 1, 1950-33N4, 1983  
 ASOCIACION LATINOAMERICANA DE CIENCIAS  
 FISIOLÓGICAS  
 BUENOS AIRES ARGENTINA  
 CONTINUED BY: ACTA PHYSIOLOGICA ET  
 PHARMACOLOGICA LATINOAMERICANA.  
 W1 AC923 0001-6764  
 A08400000 JTC: 1SA
- INI ISSUES IN HEALTH CARE OF WOMEN  
 ISSUES HEALTH CARE WOMEN  
 1, JUNE 1978-4N6, NOV-DEC 1983  
 HEMISPHERE PUBLISHING  
 WASHINGTON UNITED STATES  
 PUBLISHED TO PROVIDE A MEANS FOR CONTINUING  
 THE NURSES EDUCATION. CONTINUED BY: HEALTH  
 CARE FOR WOMEN INTERNATIONAL.  
 W1 IS668M 0161-5246  
 I40730000 JTC: H36
- ACTA PHYSIOLOGICA ET PHARMACOLOGICA  
 LATINOAMERICANA  
 ACT PHYSIOL PHARMACOL LATINOAM  
 34N1, 1984--  
 ASOCIACION LATINOAMERICANA DE CIENCIAS  
 FISIOLÓGICAS  
 BUENOS AIRES ARGENTINA  
 ARTICLES CHIEFLY IN ENGLISH WITH SOME IN  
 SPANISH. CONTINUES: ACTA PHYSIOLOGICA  
 LATINO AMERICANA. VOLS. FOR 1984-  
 INCLUDE THE ABSTRACTS OF THE PROCEEDINGS OF  
 VARIOUS LATIN-AMERICAN BIOLOGICAL AND  
 SCIENTIFIC SOCIETIES.  
 W1 AC922R  
 SR0050939 JTC: 1SM
- IM JOURNAL OF THE AMERICAN SOCIETY OF  
 PSYCHOSOMATIC DENTISTRY AND MEDICINE  
 IDL  
 J AM SOC PSYCHOSOM DENT MED  
 5N3, 1958-30N4, 1983  
 AMERICAN SOCIETY OF PSYCHOSOMATIC DENTISTRY  
 AND MEDICINE  
 BROOKLYN NY UNITED STATES  
 CONTINUES JOURNAL OF THE AMERICAN SOCIETY  
 OF PSYCHOSOMATIC DENTISTRY. CONTINUED BY:  
 INTERNATIONAL JOURNAL OF PSYCHOSOMATICS.  
 W1 JO911D 0003-1194  
 J12240000 JTC: HAF
- INI ANNA JOURNAL  
 ANNA J  
 11N4, 1984--  
 AMERICAN NEPHROLOGY NURSES ASSOCIATION  
 PITMAN NJ UNITED STATES  
 CONTINUES: AANNT JOURNAL.  
 IN PROCESS  
 SR0051246 JTC: 61F
- IM STATISTICAL BULLETIN / METROPOLITAN  
 INSURANCE COMPANIES  
 STAT BULL METROP INSUR CO  
 65N1, JAN-MAR 1984--  
 METROPOLITAN INSURANCE COMPANIES  
 NEW YORK UNITED STATES  
 CONTINUES: STATISTICAL BULLETIN /  
 METROPOLITAN LIFE FOUNDATION.  
 IN PROCESS 0741-9767  
 SR0051250 JTC: VBV
- INI HEALTH CARE FOR WOMEN INTERNATIONAL  
 HEALTH CARE WOMEN INT  
 5N1, 1984--  
 HEMISPHERE PUBLISHING  
 WASHINGTON UNITED STATES  
 CONTINUES: ISSUES IN HEALTH CARE OF WOMEN.  
 IN PROCESS 0739-9332  
 SR0051242 JTC: HCW
- IM STATISTICAL BULLETIN / METROPOLITAN LIFE  
 FOUNDATION  
 STAT BULL METROP LIFE FOUND  
 63N1, JAN/MAR 1982-64N1, 1983  
 METROPOLITAN LIFE FOUNDATION  
 NEW YORK UNITED STATES  
 CONTINUES: STATISTICAL BULLETIN,  
 METROPOLITAN LIFE INSURANCE COMPANY. 64N1,  
 JAN-JUN 1983 ONLY ISSUE PUBLISHED IN 1983.  
 CONTINUED BY: STATISTICAL BULLETIN /  
 METROPOLITAN INSURANCE COMPANIES.  
 W1 ST316EA 0736-4822  
 S38630000 JTC: VBU

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES -- AUGUST 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, 301/496-1276, Technical Services Division, NLM.

INTERNATIONAL JOURNAL OF CLINICAL  
MONITORING AND COMPUTING  
1N1,1984--  
MARTINUS NIJHOFF  
BOSTON UNITED STATES  
IN PROCESS  
SR0051008 \$66.00  
MARTINUS NIJHOFF PUBLISHERS, KLUWER BOSTON  
INC, 190 OLD DERBY STREET, HINGHAM MA 02043

JOURNAL OF HEPATOLOGY  
1N1,SEP 1984--  
ELSEVIER  
AMSTERDAM NETHERLANDS  
ON ORDER  
SR0050582 \$104.25  
JOURNAL OF THE EUROPEAN ASSOCIATION FOR THE  
STUDY OF THE LIVER

MEDICAL TEXTILES  
1,1984?--  
ELSEVIER INTERNATIONAL BULLETINS  
OXFORD ENGLAND  
ON ORDER  
SR0051080 \$96.00  
ELSEVIER INTERNATIONAL BULLETINS,MAYFIELD  
HOUSE,250 BANBURY RD,OXFORD OX2 7DH,ENGLAND

MICROBIOLOGICAL SCIENCES  
1N1,APR 1984--  
BLACKWELL  
OXFORD ENGLAND  
ON ORDER  
SR0051202 \$162.00

PARENTING STUDIES  
1N1,JAN 1984--  
ETERNA PRESS  
OAK BROOK IL UNITED STATES  
IN PROCESS  
SR0051004 \$40.00  
ETERNA PRESS, P.O. BOX 1344, OAK BROOK IL  
60521

PUBLIC HEALTH NURSING  
1N1,MAR 1984--  
BLACKWELL SCIENTIFIC PUBLICATIONS  
BOSTON UNITED STATES  
ON ORDER  
SR0050967  
BLACKWELL SCIENTIFIC PUBLICATIONS, 52  
BEACON ST., BOSTON MA 02108

TRANSITION  
1N1,1983--  
FISCHER MEDICAL PUBLICATIONS  
NEW YORK UNITED STATES  
ON ORDER  
SR0050969 \$29.00  
FISCHER MEDICAL PUBLICATIONS,INC., 280  
MADISON AVENUE, NEW YORK NY 10016

ACTA PAEDOLOGICA  
1N1,1984--  
ETERNA PRESS  
OAK BROOK IL UNITED STATES  
IN PROCESS  
SR0051011  
ETERNA PRESS, P.O. BOX 1344, OAK BROOK IL  
60521

ANNUAL REVIEW OF CELL BIOLOGY  
1,1984--  
ANNUAL REVIEWS  
PALO ALTO CA UNITED STATES  
ON ORDER  
SR0050767 \$27.00

ANNUAL REVIEW OF CHRONOPHARMACOLOGY  
1,1984--  
PERGAMON  
OXFORD ENGLAND  
ON ORDER  
SR0051204

AUSTRALIAN JOURNAL OF PSYCHOTHERAPY  
1N1,1982--  
PSYCHOTHERAPY ASSOCIATION OF AUSTRALIA  
VICTORIA AUSTRALIA  
ON ORDER  
SR0050945  
SILVIA RODRIGUEZ, DEPARTMENT OF PSYCHIATRY  
AND BEHAVIOURAL SCIENCE, ROYAL CHILDRENS  
HOSPITAL, PARKVILLE VICTORIA 3052, AUSTRALIA

BIOTECHNOLOGY LAW REPORT  
1N1,JAN 1982--  
MARY ANN LIEBERT  
NEW YORK UNITED STATES  
IN PROCESS  
SR0050598 \$295.00  
MARY ANN LIEBERT, 157 EAST 86TH ST., NEW  
YORK NY 10028

DRUG AND CHEMICAL TOXICOLOGY  
1,1984--  
MARCEL DEKKER  
NEW YORK  
IN PROCESS  
SR0050647  
MARCEL DEKKER, 270 MADISON AVE, NEW YORK NY  
10016

UNITED STATES

FOOD MICROBIOLOGY  
1,1984--  
ACADEMIC PRESS  
NEW YORK  
ON ORDER  
SR0050727  
ACADEMIC PRESS, 111 FIFTH AVE, NEW YORK NY  
10003

UNITED STATES

\$98.00

HAZARDOUS WASTE  
1,1984--  
MARY ANN LIEBERT  
NEW YORK  
IN PROCESS  
SR0050599  
MARY ANN LIEBERT, INC. 157 EAST 86TH  
STREET, NEW YORK NY 10028

UNITED STATES

\$80.00

# THE NLM TECHNICAL BULLETIN

## REGULAR ITEMS

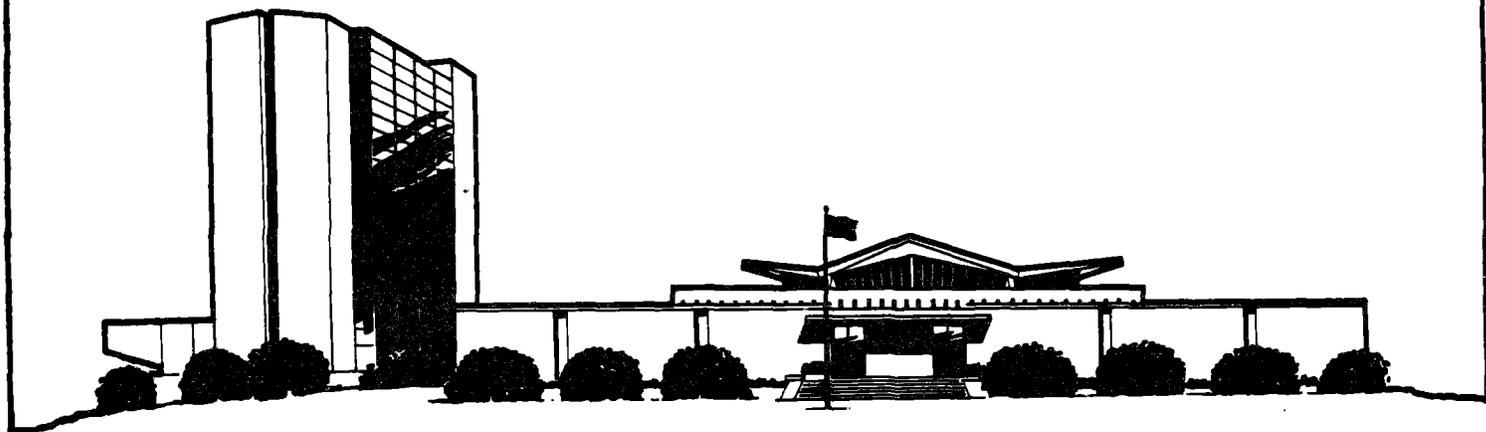
- 2 Files
- 3 Technical Notes
- 15 Serials Update

## ARTICLES & FEATURES

- 10 Hazardous Material Technical Center Bulletin Information in Toxline
- 12 Toxicology Data Bank Update
- 13 Specialized Training for the NLM Chemical and Toxicological Files Limited Access Codes Featured

Appendix A Available Pre-explosions, 1985

Appendix B Database Update Schedule for 1985



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NLM TECHNICAL BULLETIN - OCT 84

DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,852	THROUGH 1984	18 OCT 84	
BIOETHICS	16,852	JAN-JUN 84	14 SEP 84	8408(EM)
CANCERLIT	422,886	JAN 63-OCT 84	01 OCT 84	8410(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	562,455	THROUGH 1984	18 OCT 84	
CHEMLINE	614,058		09 OCT 84	8410(EM)
CLINPROT	4,623		19 OCT 84	8410(EM)
DIRLINE	14,049		16 AUG 84	
EXPRESS	7,533	JUN 84-OCT 84	02 OCT 84	8410(EM)
HEALTH	291,582	JAN 75-NOV 84	02 OCT 84	8410(EM)
HISTLINE	6,742		17 OCT 84	8410(EM)
MEDLINE	691,743	JAN 82-NOV 84	01 OCT 84	8411(EM)
MED80	529,237	JAN 80-DEC 81	10 SEP 84	
MED77	775,167	JAN 77-DEC 79	04 SEP 84	
MED75	642,710	JAN 75-DEC 76	20 AUG 84	
MED71	883,906	JAN 71-DEC 74	20 AUG 84	
MED66	954,650	JAN 66-DEC 70	10 SEP 84	
MESH VOC	51,476	1984	15 OCT 84	
NAME AUTH	166,649		09 OCT 84	
PDQ	990		02 OCT 84	8409(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	126,625	1970-OCT 84	15 OCT 84	8410(EM)
RTECS	70,029	THROUGH JUL 84	12 SEP 84	
SDILINE	22,487	NOV 84	01 OCT 84	
SERLINE	46,231	1984	02 OCT 84	
TDB	4,112		06 SEP 84	
TOXLINE	458,276		01 OCT 84	8410(EM)
CBAC	270,384	1981-VOL 101(4,5)		
TOXBIB	101,394	1981-OCT 84		
IPA (ASHP)	22,844	198 -VOL 21 (17,18)		
HEEP	38,429	1981-VOL 13(10)		
PESTAB	1,536	1981		
EMIC	6,899	1981-APR 1984		
ETIC	5,937	1981-APR 1984		
TD3	10,330	1981-GRA&I 84 (6-9)		
HMTc	563			
TOXBACK76	555,808		27 AUG 84	
CBAC	298,383	1976-1980		
TOXBIB	106,643	1976-1980		
IPA(ASHP)	33,321	1976-1980		
HEEP	63,796	1976-1980		
PESTAB	14,757	1976-1980		
EMIC	17,267	1976-1980		
ETIC	11,970	1976-1980		
TD3	9,671	1976-1980		
TOXBACK65	598,424		27 AUG 84	
CBAC	287,992	1965-1975		
TOXBIB	155,387	1965-1975		
IPA(ASHP)	33,876	1969-1975		
HEEP	54,075	1970-1975		
HAPAB/PESTAB	18,416	1968-1975		
EMIC	19,554	1950-1975		
ETIC	13,694	1950-1975		
TD3	839	PRE-1965-1975		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1975		

Editor: Carolyn B. Tilley  
 Assistant Editor: Ann Joseph Preiss  
 Consulting Editor: T. Scott Plutchak  
 Technical Notes Editor: Patricia E. Healy  
 (301) 496-6193

Direct Inquiries to:  
 MEDLARS Management Section  
 National Library of Medicine  
 Bldg. 38A, Rm. 4N421  
 Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the headings of each Technical Note include a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed (e.g., Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

VETERANS DAY - The NLM computer will be up on Monday, November 12, 1984, HOLIDAY the day of the Federal Government observance of Veterans Day. Non-prime rates will be in effect all day. The MEDLARS Management Service Desk will not be staffed.

NEW SYSTEM - Effective September 18, 1984, NLM changed the system GREETING greeting received at log in from "HELLO FROM ELHILL AT NLM" to "WELCOME TO THE NATIONAL LIBRARY OF MEDICINE's ELHILL RETRIEVAL SYSTEM." This change was made to identify more specifically to our users that they are connected to files resident on NLM's computer. This change does not affect searching on the system.

DELETION - The National Cancer Institute has decided to discontinue OF PDQ the PDQ files currently available on the ELHILL system PDQ/DIRECTORY according to the following schedule: FILES

<u>Database</u>	<u>Date of Discontinuation</u>
PDQ/DIRECTORY	December 10, 1984
PDQ (protocol file)	March 1, 1985

The user-friendly version of PDQ (PDQUFS) will continue to be available to patient care and educational users, however. This system includes all the information contained within the ELHILL files, including the directory, as well as prognostic and treatment information on all major cancers. For more information on the availability of PDQUFS, contact NCI (301) 496-7403.

CLINPROT/ - The Simplified Title (STI) field will be deleted from all PDQ CHANGES records in the CLINPROT file and the ELHILL PDQ (Manual 18.3.13, (protocol) file as of the December updates. 25.3.13)

RPROJ SUBFILE - Effective with the TOXLINE regeneration, August 27, 1984, TEMPORARILY the RPROJ (Toxicology Epidemiology Research Projects) REMOVED FROM subfile was temporarily removed from TOXLINE. This was TOXLINE done because the RPROJ information was current only (Manual 12.6.8) through February 1982. No new data had been added to RPROJ due to the termination of the Smithsonian Science Information Exchange (SSIE), the source of all RPROJ data, in October 1981.

The RPROJ subfile content will be reinstated in TOXLINE in a few months with information from two new sources: 1) the Computer Retrieval of Information on Scientific Projects (CRISP) database, which includes information on extramural research projects of the National Institutes of Health (NIH); and 2) a portion of the Federal Research in Progress (FEDRIP) database of the National Technical Information Services (NTIS). The RPROJ subfile name will be retained.

YEAR-END  
PROCESSNG

- The 1985 MEDLINE and HEALTH files will be available online with January 1985 data on Monday, December 10, 1984. At that time, all searches using MeSH headings must conform to the Medical Subject Headings, 1985. Changes to the MeSH vocabulary for 1985 are reflected in the various lists contained in the preface to the Medical Subject Headings - Annotated Alphabetic List, 1985. This publication has been available from the National Technical Information Service since the beginning of September; order information was given in the August 1984 Technical Bulletin.

When using these lists please note that:

1) three of the four lists of new headings ("New Medical Subject Headings with Previous Indexing," "New Medical Subject Headings with Scope Notes," and "New Medical Subject Headings by Subcategory") contain only those headings that were not in the 1984 MeSH. They do not include new forms of existing headings; these appear on the list titled, "New Medical Subject Headings Replacing Deleted Headings."

2) deleted headings on the two lists, "New Medical Subject Headings Replacing Deleted Headings" and "Deleted Medical Subject Headings with Replaced-By Headings," followed by (en) or (ep) may still be used as search terms. (A deleted heading followed by (ep) is a printed "see" cross reference. A deleted heading followed by (en) does not print in the Annotated MeSH.) Those few terms not followed by (en) or (ep) may not be used as search terms and must be deleted from all stored and/or saved searches. Terms followed by (en) or (ep) may remain in any stored and/or saved searches.

3) there are two lists of "Topical Subheadings by Category": since 1975 and 1966-74. Before 1975, subheadings were allowed for entire categories, e.g., the subheading "anatomy & histology" could be used with all Category A and Category B MeSH headings. Beginning in 1975, NLM began the practice of restricting some subheadings to use with MeSH headings classified in specific subcategories within a category. For example, the subheading "anatomy & histology" is now restricted within Categories A and B for use only with those MeSH headings in Subcategories A1-A10, A13-A16, B1-B2, and B5-B6.

However, use of some subheadings added since 1975 is still permitted or restricted at the category rather than the subcategory level.

4) the list of tree number changes is included as part of the Tree Structures publication. Although it is recommended that the MeSH heading terms themselves be used in the EXPLODE instruction whenever possible, there are circumstances that require the use of the tree number instead, e.g., when a term is in more than one tree, with different terms in each tree. When this occurs, the term will have more than one tree number. If the user wishes to search the term EXPLODED only in a specific tree, the user should EXPLODE using the desired tree number. This list of changes may be used to validate tree numbers used in previous searches, especially stored or saved searches.

All STORESEARCHes stored for use with the SDILINE and HEALTH files in the Automatic SDI Program should be reviewed. Those searches requiring revision due to 1985 vocabulary changes must be deleted and re-stored by December 7, 1984. (The January SDILINE and HEALTH SDIs will be processed beginning on or about December 10, 1984.) To facilitate review of stored searches, searchers will be able to execute their STORESEARCHes online between November 19, 1984 and December 7, 1984; the December 1984 SDILINE will contain 1985 MeSH terms at this time so searchers can run their STORESEARCHes against this revised SDILINE to check correct operation of stored strategies against the new vocabulary. Only SDILINE will have 1985 vocabulary terms during this time period.

In order to check correct operation of stored searches during this designated period, searchers should first record the number of citations received for each stored search executed by NLM through the Automatic SDI Program against the December 1984 SDI (available November 5) with 1984 vocabulary. Beginning November 19, 1984, searchers should execute, online, each stored search against the December SDILINE, which will then reflect 1985 MeSH vocabulary. (Stored searches may be executed in the same manner as saved searches during this period, i.e., by inputting the stored search name online qualified by (SN).) If the number of citations (i.e., postings) retrieved is not equal to the number retrieved from the December 1984 SDILINE with 1984 vocabulary, searchers may assume the stored search has been impacted by a 1985 vocabulary change. Searchers should then display the strategy and check the terms used against the lists in the front of the 1985 MeSH. Tree numbers should be checked in the 1985 MeSH Tree Structures; Registry Numbers should be checked in the online MeSH Vocabulary File. Remember to check the list of headings new for 1985; some of these new

MeSH headings may be pertinent to the search strategies being reviewed.

In summary, the 1984 year-end processing schedule is as follows:

- November 5, 1984 - December 1984  
MEDLINE/SDILINE  
available online.
- November 19, 1984 - December 1984 SDILINE  
(through December 7, with 1985 MeSH terms  
1984) available online with  
STORESEARCHes executable  
online.
- December 8, 1984 - The computer will be  
unavailable for searching  
so that the 1985 MEDLINE/  
HEALTH databases and  
MEDLINE backfiles may be  
installed.
- December 10, 1984 - 8501 (EM) MEDLINE/SDILINE/  
HEALTH database updates  
available with January 1985  
data.
- December 10, 1984 - HEALTH and SDILINE Automatic  
SDIs processed against January  
1985 data on or about this date.

**YEAR-END  
PROCESSING  
OF TITLE  
ABBREVIATIONS  
AND JOURNAL  
TITLE CODES**

- During 1981, the Serial Records Section at NLM converted the spelling of German language Titles (TI) and Title Abbreviations (TA) with umlauts (·) to agree with the spelling found in the CATLINE records. The CATLINE records had been changed to conform with the new AACR2 rules. Prior to this time, the umlaut vowel was spelled and filed with a following "e" (e.g., Gynaekologe). Now the "e" is dropped and words are filed by the simple vowel (e.g., Gynakologe). The Title Abbreviations (TA) in the MEDLINE, MEDLINE backfiles, and HEALTH files retained the original spellings. As part of the year-end processing activities this year, the spelling of many of these Title Abbreviations are being corrected to correspond to the SERLINE records. Maintenance on other databases is under investigation at this time.

In addition to the umlaut changes, a smaller number of SERLINE records have been "collapsed" during the past several years due to other cataloging rule changes. A "collapsed" title is one that has been known under several names, but actually has been and remains only one bibliographic entity; therefore, one and only one Title (TI) and corresponding Title Abbreviation (TA) have been

established in SERLINE. However, the citations from those journals in MEDLINE had retained the various earlier names. The majority of these citations are now being corrected to the preferred TA during year-end processing activities to correspond with the SERLINE records.

1  
 TI - JOURNAL OF NURSING EDUCATION  
 TA - J Nurs Educ  
 PL - THOROFARE NJ  
 CY - UNITED STATES  
 LA - ENG  
 ZN - Z1.107.567.875  
 AI - IM  
 AI - INI  
 AI - SCI  
 II - TITLE COLLAPSED 12-83. ENTRY FOR JNE. JOURNAL OF NURSING  
 EDUCATION (JC=HAP) DELETED.  
 IS - 0022-3158  
 JC - JEN  
 JD - EDUCATION  
 JD - NURSING  
 SB - M  
 LJ - 1984  
 IA - 650924  
 XS - 1  
 UI - J32180000

All corrections for umlauts and collapsed TAs will be effective with the new 1985 system on December 10, 1985. When necessary appropriate corrections are also being made to the Journal Title Code (JC).

Searchers who encounter similar titles in a database citation with Title Abbreviations or Journal Title Codes that do not match a SERLINE record are urged to report their findings to the MEDLARS Management Service Desk. NLM would like to check them against our master corrections list and make arrangements to correct, during 1985, any that are not on the current list.

1985 MESH VOCABULARY AND DATABASES - Only the MEDLINE, SDILINE, and HEALTH files will be available on December 10, 1984 with 1985 Mesh terms. Other files using MeSH vocabulary (i.e, CANCERLIT, EXPRESS, CATINE, AVLINE, BIOETHICS, and POPLINE) will be maintained for 1985 vocabulary at later dates. Please watch future issues of the Bulletin and the online NEWS for announcements. Searches stored for the Automatic SDI program for CATLINE/AVLINE/CANCERLIT/POPLINE should not be revised for 1985 vocabulary at this time.

HOLIDAY SCHEDULE 1985	HOLIDAY	DATE	SYSTEM STATUS
	Christmas Day (1984)	Tue, Dec 25	DOWN
	New Year's Day	Tue, Jan 1	DOWN
	Inauguration Day	Mon, Jan 21	UP*
	G. Washington's B'day (Observed)	Mon, Feb 18	UP*
	G. Washington's B'day	Fri, Feb 22	UP
	Memorial Day (Observed)	Mon, May 27	UP*
	Memorial Day	Thu, May 30	UP
	Independence Day	Thu, Jul 4	DOWN
	Labor Day	Mon, Sep 4	DOWN
	Columbus Day	Sat, Oct 12	UP
	Columbus Day (Observed)	Mon, Oct 14	UP*
	Veteran's Day	Mon, Nov 11	UP*
	Christmas Day	Wed, Dec 25	DOWN

\*Non-prime rates in effect all day.

Users are advised that hours of operation may be limited on Christmas Eve and New Year's Eve. Notice of changes to this schedule and/or temporary changes in hours of operation will appear in the online NEWS.

NLM COMPUTER EXTENDED HOURS - The NLM computer will be operational until 10:00 P.M. ET Monday-Friday (one extra hour each evening) on a trial basis during the month of November. TSO files such as \*MEDLEARN\* and PDQFS will not be available after 9:00 P.M. ET during this experiment. The system will continue to be brought up at 3:00 A.M. ET Monday-Friday.

AVAILABLE - Appendix A is a list of AVAILABLE PRE-EXPLOSIONS for  
 PRE-EXPLOSIONS 1985. Pre-explosions added for 1985 are preceded by (85).  
 The list is printed on one side so that it can be removed  
 from the Bulletin and posted near the searcher's terminal.

The Pre-explosions are included on pages XCVI-XCVII of the  
Medical Subject Headings - Annotated Alphabetic List, 1985.  
 Pre-exploded terms are indicated by a black dot (•)  
 next to the heading in the 1985 MeSH and Tree Structures.  
 When the form of a pre-explosion name varies from the  
 corresponding MeSH term, the variant form is provided in  
 the annotation for the heading. Searchers should be aware  
 that there was a printing error in the MeSH annotations  
 for some of the pre-explosion names with embedded ANDs.  
 The hash mark (#) was omitted from the annotations for  
 these terms. For example, the annotation for BEHAVIOR AND  
 BEHAVIOR MECHANISMS (NON-MESH) lists the pre-explosion  
 variant incorrectly as BEHAVIOR AD BEHAVIOR MECHANISMS  
 (PX). The correct variant name is BEHAVIOR A#D BEHAVIOR  
 MECHANISMS (PX). The annotations for the following  
 headings are affected: BEHAVIOR AND BEHAVIOR MECHANISMS,  
 BEHAVIORAL AND MENTAL DISORDERS, MOUTH AND TOOTH DISEASES,  
 and SIGNS AND SYMPTOMS. Searchers are advised to make  
 corrections to these annotations. Please note that the  
 following three unannotated pre-explosions with embedded  
 ANDS must also be searched using A#D: EQUIPMENT A#D  
 SUPPLIES; ORGANIZATION A#D ADMINISTRATION; and WOUNDS A#D  
 INJURIES.

DATABASE - Appendix B is the DATABASE UPDATE SCHEDULE FOR 1985. This  
 UPDATE list includes the schedule for updating the following  
 SCHEDULE databases: MEDLINE/SDILINE, HEALTH, POPLINE, CANCERLIT,  
 CANCEREXPRESS, and TOXLINE. The list is printed on one  
 side so that it can be removed from the Bulletin and  
 posted near the searcher's terminal.

PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE MOST  
 RECENT NEWS ITEM ONLINE

HAZARDOUS MATERIAL TECHNICAL CENTER  
BULLETIN INFORMATION IN TOXLINE

Henry M. Kissman, Ph.D. and Jeanne C. Goshorn, M.S.  
Specialized Information Services, NLM

Through its Toxicology Information Program (TIP) in Specialized Information Services (SIS), the National Library of Medicine has responsibility for providing certain information support to the Department of Health and Human Services (DHHS) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 (also known as the Superfund Act). In particular, these efforts come under Section 104(i) of the Act, viz., "Establishment and Maintenance of an Inventory of Literature, Research and Studies on the Health Effects of Toxic Substances."

To meet these requirements, NLM's online files, CHEMLINE, TOXLINE, TDB, and RTECS, are being augmented with information about chemicals and subject areas of concern under CERCLA. As part of this activity, TOXLINE is being enhanced with references to publications on topics such as the environmental fate of an occupational protection from hazardous chemicals. A first step in this program is the addition of selected portions from the HMTC Abstract Bulletin, a quarterly publication of the Hazardous Material Technical Center (HMTC).

The HMTC is a service of the Department of Defense through its Defense Logistics Agency and is operated by Dynamac Corporation.\* The Bulletin provides bibliographic citations, keywords and abstracts to references from the current scientific and technical literature on hazardous materials. "The focus of the Bulletin is on the practical aspects of safety, health, storage, handling, transportation, disposal, and environmental protection in the management of hazardous materials and wastes." HMTC Abstract Bulletin 3(2): p.i, 1984.

For the new HMTC subfile in TOXLINE, NLM selects items from the HMTC Abstract Bulletin which reference primarily published literature pertaining to the management of hazardous materials including the disposal, storage, and transportation of these substances. A subject keyword system is used to index items included in the Bulletin. These keywords appear in TOXLINE's Keyword (KW) field where they are directly searchable, and as is routinely the case in TOXLINE, the terms are also searchable as single term textwords (TW) along with those from the abstract and title fields.

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\*Information concerning the HMTC Abstract Bulletin can be obtained from: HMTC, P. O. Box 8168, Rockville, MD 20856-8168; tel. (301) 468-8858 in Maryland or (800) 638-8958 otherwise.

TOXLINE uses the acronym "HMTC" as a header in the Abstract (AB) field to identify this subfile, and also uses HMTC in the Secondary Source Identification (SI) field for each record. The initial group of entries for the HMTC subfile consists of 563 records. Quarterly updates are expected. A sample HMTC record from TOXLINE is shown below:

1	
SECONDARY SOURCE ID	HMTC/83/0001171
AUTHOR	Shaub WM
AUTHOR	Tsang W
TITLE	DIOXIN FORMATION IN INCINERATORS
SOURCE	Environmental Science & Technology 17 (12):721-730; 1983.
LANGUAGE	ENG
ABSTRACT	HMTC Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) have been reported to have been found in incinerator emissions and other combustion sources. Processes which may contribute to the formation of PCDDs in incinerators are examined. To examine the possibility of homogeneous gas phase formation of PCDDs from chlorophenols in an incinerator environment, a model mechanism was constructed and numerical calculations made. Based on the results, the probability of gasphase formation of PCDDs is likely to be very low at temperatures greater than or equal to 1200 Kelvin, if mixing between fuel and air is efficient. Production of PCDDs from chlorophenols is dependent upon the square of the chlorophenol concentration. Possible gas-phase and nonsas-phase effects which may develop during incineration are examined. Problems complicating a further understanding of PCDD formation processes in incinerators are discussed. (85 ref.)
KEYWORDS	polychlorinated dibenzo-p-dioxins
KEYWORDS	polychlorinated dibenzo-furans
KEYWORDS	Substance Identification
KEYWORDS	Treatment Methods
KEYWORDS	Ethers
KEYWORDS	Thermal Treatment
KEYWORDS	Incineration
ENTRY MONTH	8409

Negotiations with other organizations collecting bibliographic information pertinent to NLM's activities under CERCLA, and particularly information in the industrial hygiene area, are underway for the acquisition of additional materials for TOXLINE. These additions will be described when the new information becomes available to the TOXLINE user community. As with all its responsibilities under CERCLA, NLM performs these activities in conjunction with the Agency for Toxic Substances and Disease Registry, the lead organization for CERCLA in DHHS.

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TOXICOLOGY DATA BANK (TDB) UPDATE  
Winter 1983 - Spring, Summer 1984

Carol B. Haberman, M.S., M.P.A.  
Specialized Information Services, NLM

A new regenerated TDB (Toxicology Data Bank) became publicly available online under ELHILL on September 6, 1984. This Winter 1983-Spring, Summer 1984 update resulted in a file of 4,112 records, of which 4,077 are complete.

The TDB is a peer-reviewed database containing information on the toxicities of chemicals and their impact on occupational health and the environment. Before the complete records are made available to the public, they are reviewed by the TDB Peer Review Committee (PRC) to determine that they accurately convey what is known about the toxicity of the chemicals being considered.

Over 3,200 records in the regenerated TDB have information added at the request of the PRC. These additions are now presented in two formats. Where the Committee has requested the addition of information, most often from the current journal and report literature, the Source (SO) fields for the data occurrence reads [Peer Review Committee]. Information within an occurrence which has been modified by the addition of an explanatory term is identified by using disclaimers such as: /PRC: greater/. In this example, the PRC wanted the term "greater" inserted within the text to make the information more accurate.

A major undertaking for this update has been the addition of chemical/economics information from SRI International (Stanford Research Institute International) to 410 records which did not have this data in prior TDB versions. Additionally, about fifty records had their chemical/economics information updated. Unfortunately, the Last Revision (LR) field for these records has not been updated properly. The user is cautioned not to use the LR field as a search key to determine the change in status of a TDB record from the last file regeneration to this regeneration. A list of the records so affected can be obtained from Specialized Information Services. This situation will be corrected with the next TDB file regeneration/update which is scheduled to take place in early 1985.

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SPECIALIZED TRAINING FOR THE NLM CHEMICAL  
AND TOXICOLOGICAL FILES  
LIMITED ACCESS CODES FEATURED

Miriam Perkins and Jeanne Goshorn, M.S.  
Specialized Information Services, NLM

In FY 1984 the Toxicology Information Program (TIP) began an expanded exhibit program at professional meetings to acquaint potential users in the areas of chemistry, toxicology, and environmental health with the NLM Chemical and Toxicological Files (CHEMLINE, TOXLINE, RTECS, and TDB). It also initiated limited access codes and is sponsoring specialized training at professional meetings and governmental sites for persons whose information needs are limited to these files.

Limited access codes allow entry only to the Chemical and Toxicological Files. Persons familiar with online searching techniques for similar systems or who have been trained in the use of these files may request a limited access code in a letter accompanying their NLM Online Application when it is submitted to the MEDLARS Management Section. This allows for more immediate access to the Chemical and Toxicological files than is possible with the normal NLM application process since the three-day MEDLARS initial online training is not required. Access to the other NLM databases may be obtained at a later date by completing formal MEDLARS training.

TIP has developed two specialized training programs for the NLM Chemical and Toxicological Files: a three-hour abbreviated program and a full six-hour program. The three-hour course introduces the ELHILL search system and covers the basic scope and content of CHEMLINE, TOXLINE, RTECS, and TDB. Its purpose is to give an overview of information available in the files and to illustrate simple searches. The six-hour program covers the content of each of the files in more detail and includes examples of various types of search strategies. Participants should be able to gain an understanding of the use of the files and to perform simple searches. Both training programs are modular in format but emphasize the interrelationship of the files. Future plans are to offer hands-on training with each of the programs where facilities permit. Participants who complete these training programs may request a limited access code.

The abbreviated training program was presented for the first time at the American Chemical Society meeting in Philadelphia on August 26. It was presented again at the National Safety Council meeting in Chicago on October 16. At the present time, specialized training is planned for the following national meetings:

Management of Uncontrolled Hazardous Waste Sites; Nov. 7-9, 1984; Washington, DC.

Society of Toxicology; March 18-22, 1985; San Diego, CA.

American Chemical Society; April 28-May 3, 1985; Miami Beach, FL.

Management of Hazardous Wastes and Environmental Emergencies; May 13-15, 1985, Cincinnati, OH.

American Industrial Hygienists Conference; May 20-25, 1985; Las Vegas, NV.

American Chemical Society; September 8-13, 1985; Chicago, IL.

Persons interested in participating in the training at these meetings should contact the sponsoring organization. Institutions interested in sponsoring on-site, specialized training in the NLM Chemical and Toxicological Files should contact Ms. Miriam Perkins or Ms. Jeanne Goshorn at Specialized Information Services, National Library of Medicine, (301) 496-1131.

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SERIALS UPDATE

INDEXED TITLES UPDATE, OCTOBER 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, SEPTEMBER 1984

HLI COLLEGE REVIEW  
 COLL REV  
 IN1, SPRING 1984--  
 AMERICAN COLLEGE OF MEDICAL GROUP  
 ADMINISTRATORS  
 DENVER CO UNITED STATES  
 INDEXING BEGAN WITH VIN1, SPRING 1984,  
 IN PROCESS 0742-8057  
 C30402000 JTC: CRV

INI JOURNAL OF NEPHROLOGY NURSING  
 J NEPHROL NURS  
 IN1, JUL-AUG 1984  
 PHOENIX EDUCATIONAL SYSTEMS  
 ASHLAND CITY TN UNITED STATES  
 INDEXING BEGAN WITH VIN1, 1984.  
 ON ORDER 0748-5328  
 SR0051666 JTC: JNN

HLI HEALTHCARE COMPUTING AND COMMUNICATIONS  
 HEALTHC COMPUT COMMUN  
 IN1, FEB 1984--  
 HEALTH DATA ANALYSIS  
 LITTLETON CO UNITED STATES  
 INDEXING BEGAN WITH VIN1, 1984.  
 ON ORDER  
 SR0051533 JTC: G86

HLI MEDICAL REFERENCE SERVICES QUARTERLY  
 MED REF SERV Q  
 IN1, SPRING 1982--  
 HAWORTH PRESS  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH VIN1, SPRING 1984.  
 Z 699.5 M39 M489 0276-3869  
 MI7070000 JTC: MRS

HLI HOSPITAL TECHNOLOGY SERIES  
 HOSP TECHNOL SER  
 2N25, 1983--  
 AMERICAN HOSPITAL ASSOCIATION  
 CHICAGO UNITED STATES  
 CONTINUES: AHA HOSPITAL TECHNOLOGY SERIES.  
 ONLY THE SECTION GUIDELINE REPORT IS  
 INDEXED FOR HLI.  
 ON ORDER 0735-4681  
 SR0051345 JTC: HTS

INI SENIOR NURSE  
 SR NURSE  
 IN1, APR 1984--  
 INTERNATIONAL THOMSON PUBLISHING  
 LONDON ENGLAND  
 CONTINUES: NURSING FOCUS.  
 INDEXING BEGAN WITH VIN1, APRIL 4 1984.  
 IN PROCESS 0265-9999  
 S19450000 JTC: SRN

TITLE CHANGES, SEPTEMBER 1984

<p>IM ARCHIV FUR PSYCHIATRIE UND NERVENKRANKHEITEN            ARCH PSYCHIATR NERVENKR            213N3,1970-233N6,1983            SPRINGER VERLAG            BERLIN GERMANY, WEST            CONTINUES ARCHIV FUR PSYCHIATRIE UND            NERVENKRANKHEITEN, VEREINIGT MIT            ZEITSCHRIFT FUR DIE GESAMTE NEUROLOGIE UND            PSYCHIATRIE. CONTINUED BY: EUROPEAN            ARCHIVES OF PSYCHIATRY AND NEUROLOGICAL            SCIENCES.            WI AR255D 0003-9373            A60255000 JTC: 8DE</p>	<p>HLI HEALTH PROGRESS            HEALTH PROG            65N8,SEP 1984--            CATHOLIC HEALTH ASSOCIATION            ST LOUIS UNITED STATES            CONTINUES: HOSPITAL PROGRESS.            ON ORDER            SR0051668 JTC: HPR</p>
<p>IM CLINICAL AND EXPERIMENTAL DIALYSIS AND            APHEPESIS            CLIN EXP DIAL APHERESIS            5N1,1981-7N4,1983            MARCEL DEKKER            NEW YORK UNITED STATES            CONTINUES: JOURNAL OF DIALYSIS. CONTINUED            BY: UREMIA INVESTIGATION.            WI CL657 0276-5497            C25450000 JTC: DDV</p>	<p>HLI HOSPITAL PROGRESS            HOSP PROG            1,1920-65N7,JUL-AUG 1984            CATHOLIC HOSPITAL ASSOCIATION            ST LOUIS UNITED STATES            CONTINUED BY: HEALTH PROGRESS.            INDEXED FOR INDEX MEDICUS PRIOR TO 1980            WI H0871 0018-5817            H19860000 JTC: G01</p>
<p>HLI CONTEMPORARY ADMINISTRATOR            CONTEMP ADM            1,1979-3N8,1980            CONTEMPORARY ADMINISTRATOR            BIRMINGHAM AL UNITED STATES            THIS TITLE IS NOT IN THE NLM COLLECTION.            CONTINUED BY: CONTEMPORARY ADMINISTRATOR            FOR LONG-TERM CARE.            AHA 0191-9873            C46670000 JTC: DP3</p>	<p>IDL JORDAN DENTAL JOURNAL            JORDAN DENT J            4N1,APR 1984--            JORDAN DENTAL ASSOCIATION            AMMAN JORDAN            CONTINUES: MAJALLAT NIQABAT ATTIBA            AL-ASNAN AL-URDUNIYAH.            WI J0185W            SR0051433 JTC: J0D</p>
<p>HLI CONTEMPORARY ADMINISTRATOR FOR LONG-TERM            CARE            CONTEMP ADM LONG TERM CARE            3N9,1980--            CONTEMPORARY ADMINISTRATOR            MURFREESBORO TN UNITED STATES            CONTINUES: CONTEMPORARY ADMINISTRATOR.            THIS TITLE IS NOT IN THE NLM COLLECTION.            AHA 0745-2837            SR0051415 JTC: DRH</p>	<p>IDL MAJALLAT NIQABAT ATTIBA AL-ASNAN            AL-URDUNIYAH            MAJALLAT NIQABAT ATTIBA AL-ASNAN            AL-URDUNIYAH            196?-5N3,APR 1983?            JORDANIAN DENTAL ASSOCIATION            AMMAN JORDAN            ADDED TITLE PAGE TITLE: THE JOURNAL OF THE            JORDANIAN DENTAL ASSOCIATION, 1960.- ;            JOURNAL OF THE JORDAN DENTAL ASSOCIATION,            198?- .. MOST ARTICLES IN ARABIC AND            ENGLISH; SOME IN FRENCH. VOL. NUMBERING            IRREGULAR: ISSUES FOR NOV. 1982 CALLED NO.            5, VOL. 3. CONTINUED BY: JORDAN DENTAL            JOURNAL.            WI MA492LT            M02355000 JTC: HS6</p>
<p>IM EUROPEAN ARCHIVES OF PSYCHIATRY AND            NEUROLOGICAL SCIENCES            EUR ARCH PSYCHIATRY NEUROL SCI            234N1,1984--            SPRINGER VERLAG            BERLIN GERMANY, WEST            CONTINUES: ARCHIV FUR PSYCHIATRIE UND            NERVENKRANKHEITEN.            IN PROCESS 0175-758X            SR0051667 JTC: ENI</p>	<p>IM UREMIA INVESTIGATION            UREMIA INVEST            8N1,1984--            MARCEL DEKKER            NEW YORK UNITED STATES            CONTINUES: CLINICAL AND EXPERIMENTAL            DIALYSIS AND APHERESIS.            IN PROCESS 0740-1353            SR0050455 JTC: W9C</p>

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES - SEPTEMBER 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, (301) 496-1276, Technical Services Division, NLM.

ARCHIVES OF INSECT BIOCHEMISTRY AND  
PHYSIOLOGY  
1,1984--  
ALAN R. LISS  
NEW YORK UNITED STATES  
IN PROCESS  
SR0051346 \$150.00  
ALAN R. LISS,150 5TH AVE,NEW YORK NY 10011

BEITRAGE ZUR PSYCHOLOGISCHEN FORSCHUNG  
1,1984--  
WESTDEUTSCHER VERLAG  
OPLADEN GERMANY, WEST  
IN PROCESS  
SR0051444  
WESTDEUTSCHER VERLAG,OPENHOVENER STR.1,  
POSTFACH 1620, 5670 OPLADEN, WEST GERMANY

COGNITIVE REHABILITATION  
1,1983--  
B AND B PUBLISHING  
INDIANAPOLIS IN UNITED STATES  
ON ORDER  
SP0051513 \$25.00  
B AND B PUBLISHING,P.O.BOX  
29344,INDIANAPOLIS IN 46229

FOOD SCIENCE AND TECHNOLOGY  
12,1984--  
MARCEL DEKKER  
NEW YORK UNITED STATES  
IN PROCESS  
SR0051337  
CONTINUES: FOOD SCIENCE.  
MARCEL DEKKER INC., 270 MADISON AVE, NEW  
YORK NY 10016

JOURNAL OF SUBSTANCE ABUSE TREATMENT  
1N1,1984--  
PERGAMON PRESS  
NEW YORK UNITED STATES  
IN PROCESS  
SR0051283 \$40.00

THERAPEUTIKA  
1N1,MAG/GIU 1984--  
CIC EDIZIONI INTERNAZIONALI  
ROMA ITALY  
IN PROCESS  
SR0051400  
CIC EDIZIONI INTERNAZIONALI, VIA L.  
SPALLANZANI 11, 00161 ROMA, ITALY

TRAUMA QUARTERLY  
1N1,NOV 1984--  
ASPEN SYSTEMS  
ROCKVILLE MD UNITED STATES  
ON ORDER  
SR0051403 \$45.95  
ASPEN SYSTEMS CORP,BOX 6018,GAITHERSBURG MD  
20877

ULTRASUONI IN OSTETRICIA E GINECOLOGIA  
1N1,1983--  
CIC EDIZIONI INTERNAZIONALI  
ROMA ITALY  
IN PROCESS  
SR0051402  
OFFICIAL ORGAN OF THE SOCIETA ITALIANA DI  
ECOGRAFIA OSTETRICO-GINECOLOGICA.  
CIC EDIZIONI INTERNAZIONALI, VIA LAZZARO  
SPALLANZANI 11, 00161 ROMA, ITALY

AVAILABLE PRE-EXPLOSIONS, 1985

Pre-exploded terms are indicated with the symbol ● in the Annotated  
 Alphabetic MeSH and MeSH Tree Structures. Pre-explosions added for  
 1985 are preceded by (85).

<u>Pre-explosion Name (PX)</u>	<u>Tree No.</u>
(85)ABNORMALITIES	C16.131
ANTIBIOTICS	D20.85
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SURGERY, OPERATIVE	E4
UNITED STATES MC [as MeSH heading]	Z1.107.567.875
UNITED STATES [as place of publication]	Z1.107.567.875
VASCULAR DISEASES	C14.907
VERTEBRATE VIRUSES	B4.909
VERTEBRATES	B2
VIRUS DISEASES	C2
VIRUSES	B4
WOUNDS AND INJURIES	C21.866

Remember to disguise the AND in names of pre-explosions just as  
 you do for regular searching on MeSH headings with embedded ANDs.

DATABASE UPDATE SCHEDULE FOR 1985

<u>UPDATE MONTH</u>	<u>UPDATED MEDLINE/SDILINE AVAILABLE</u>	<u>UPDATED HEALTH AVAILABLE</u>	<u>UPDATED POPLINE AVAILABLE</u>	<u>UPDATED CANCERLIT/EXPRESS AVAILABLE</u>	<u>UPDATED TOXLINE AVAILABLE</u>
JAN	DEC 10	DEC 10	JAN 14	JAN 7	JAN 21
FEB	JAN 7	JAN 14	FEB 11	FEB 4	FEB 19*
MAR	FEB 4	FEB 11	MAR 11	MAR 4	MAR 18
APR	MAR 4	MAR 11	APR 15	APR 1	APR 15
MAY	APR 1	APR 8	MAY 13	MAY 6	MAY 20
JUN	MAY 6	MAY 13	JUN 10	JUN 3	JUN 17
JUL	JUN 3	JUN 10	JUL 15	JUL 1	JUL 15
AUG	JUL 1	JUL 8	AUG 12	AUG 5	AUG 19
SEP	AUG 5	AUG 12	SEP 16	SEP 3*	SEP 16
OCT	SEP 3*	SEP 9	OCT 15*	OCT 7	OCT 21
NOV	OCT 7	OCT 15*	NOV 12*	NOV 4	NOV 18
DEC	NOV 4	NOV 12*	DEC 16	DEC 9	DEC 16

\*Modified due to holiday.

December updates for POPLINE, CANCERLIT, and TOXLINE are subject to change.

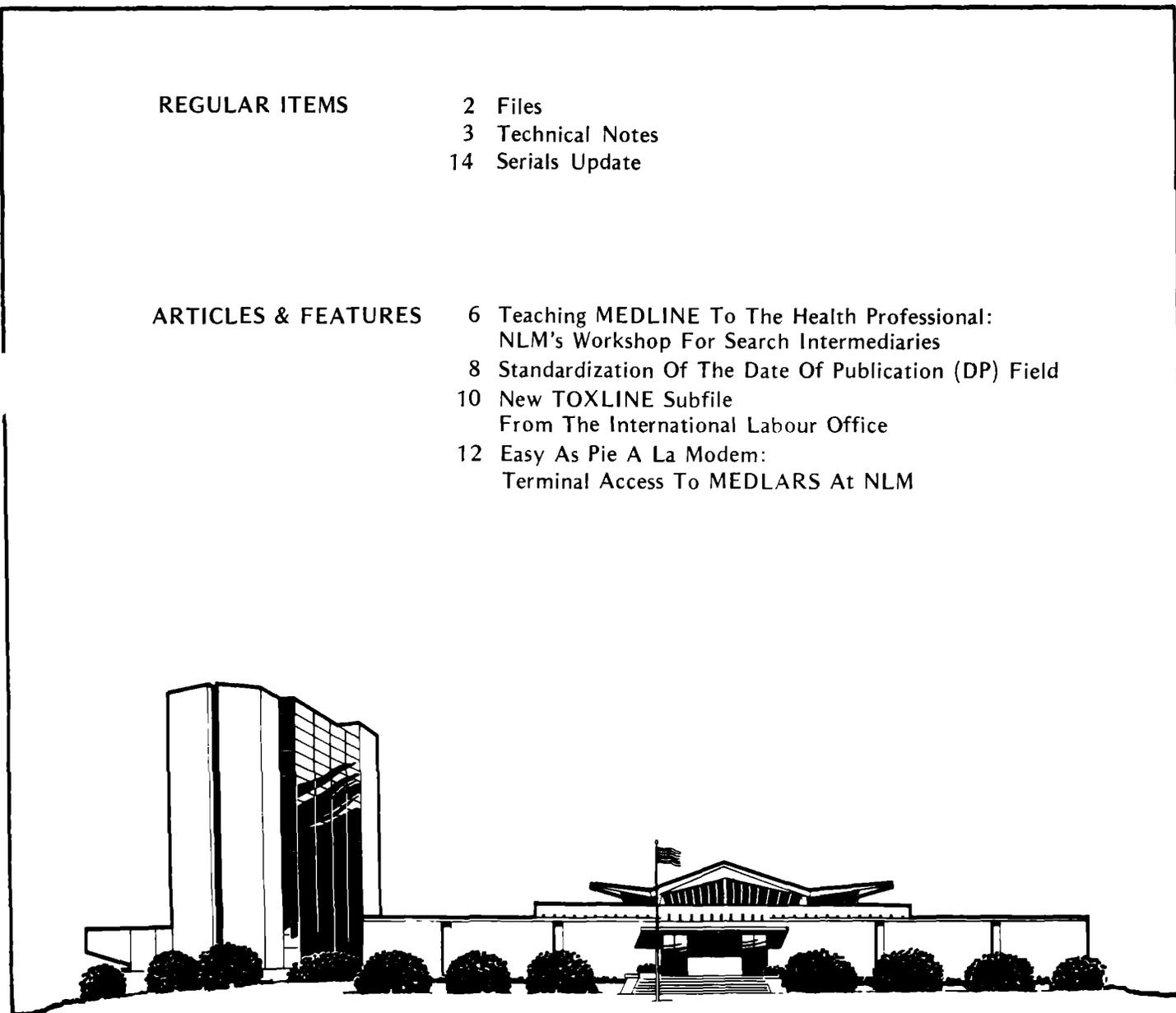
# THE NLM TECHNICAL BULLETIN

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DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	12,967	THROUGH 1984	15 NOV 84	
BIOETHICS	17,152	JAN 73-SEP 84	01 NOV 84	8410(EM)
CANCERLIT	428,471	JAN 63-NOV 84	05 NOV 84	8411(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	563,564	THROUGH 1984	15 NOV 84	
CHEMLINE	614,058		09 OCT 84	8410(EM)
CLINPROT	4,623		19 OCT 84	8410(EM)
DIRLINE	14,049		16 AUG 84	
EXPRESS	8,038	AUG 84-NOV 84	12 NOV 84	8411(EM)
HEALTH	294,702	JAN 75-DEC 84	12 NOV 84	8412(EM)
HISTLINE	63,742		17 OCT 84	8410(EM)
MEDLINE	718,419	JAN 82-DEC 84	05 NOV 84	8412(EM)
MED80	529,237	JAN 80-DEC 81	10 SEP 84	
MED77	775,167	JAN 77-DEC 79	04 SEP 84	
MED75	642,710	JAN 75-DEC 76	20 AUG 84	
MED71	883,906	JAN 71-DEC 74	20 AUG 84	
MED66	954,650	JAN 66-DEC 70	10 SEP 84	
MESH VOC	51,619	1984	29 OCT 84	
NAME AUTH	167,547		05 NOV 84	
PDQ	963		05 NOV 84	8410(EM)
PDQ/DIRECTORY	11,247	MAR 84	02 APR 84	8403(EM)
POPLINE	127,040	1970-NOV 84	19 NOV 84	8411(EM)
RTECS	70,029	THROUGH JUL 84	12 SEP 84	
SDILINE	26,787	DEC 84	05 NOV 84	8412(EM)
SERLINE	50,466	1984	12 NOV 84	
TDB	4,112		06 SEP 84	
TOXLINE	472,184		22 OCT 84	8410(EM)
CBAC	277,796	1981-VOL 101(6,7)		
TOXBIB	104,036	1981-NOV 84		
IPA (ASHP)	23,787	1981-VOL 21 (19,20)		
HEEP	39,579	1981-VOL 13(11)		
PESTAB	1,536	1981		
EMIC	6,899	1981-APR 1984		
ETIC	5,937	1981-APR 1984		
TD3	12,091	1981-GRA&I 84 (10-15)		
HMTC	563			
TOXBACK76	555,808		27 AUG 84	
CBAC	298,383	1976-1980		
TOXBIB	106,643	1976-1980		
IPA(ASHP)	33,321	1976-1980		
HEEP	63,796	1976-1980		
PESTAB	14,757	1976-1980		
EMIC	17,267	1976-1980		
ETIC	11,970	1976-1980		
TD3	9,671	1976-1980		
TOXBACK65	598,424		27 AUG 84	
CBAC	287,992	1965-1975		
TOXBIB	155,387	1965-1975		
IPA(ASHP)	33,876	1969-1975		
HEEP	54,075	1970-1975		
HAPAB/PESTAB	18,416	1968-1975		
EMIC	19,554	1950-1975		
ETIC	13,694	1950-1975		
TD3	839	PRE-1965-1975		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1975		

Editor: Carolyn B. Tilley	Direct Inquiries to:
Assistant Editor: T. Scott Plutchak	MEDLARS Management Section
Consulting Editor: Ann Joseph Preiss	National Library of Medicine
Technical Notes Editor: Patricia E. Healy	Bldg. 38A, Rm. 4N21
(301) 496-6193	Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the heading of each Technical Note includes a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed e.g., (Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

NLM COMPUTER UNAVAILABLE SATURDAY, DECEMBER 8, 1984 - REMINDER: The NLM computer will be unavailable on Saturday, December 8, 1984, in order to install the 1985 MEDLINE/BACKFILES and HEALTH databases. Please see the Technical Note in the October 1984 Technical Bulletin, p.4, titled "YEAR-END PROCESSING," for additional information.

DECEMBER HOLIDAY SCHEDULE - The NLM computer will be down all day on the following dates in observance of the Christmas and New Year's holidays:

December 25, 1984 (Tuesday)  
January 1, 1985 (Tuesday)

Users are advised that hours of operation may be limited on Christmas Eve and New Year's Eve. Changes to regular hours, if they occur, will appear in the online NEWS.

PDQ/DIRECTORY DATABASE DISCONTINUED (Manual 27+) - REMINDER: The National Cancer Institute has decided to discontinue the PDQ/DIRECTORY file on the ELHILL system effective December 10, 1984. Please see the Technical Note in the October 1984 Technical Bulletin, p.3, titled, "DELETION OF PDQ, PDQ/DIRECTORY FILES," for further information about the future of the PDQ files.

TOXLINE AUTOMATIC SDIS T601-700 (Manual 5.2.5) - Please note that the specifications for data elements printed for the T601-700 number range indicated on the verso of the Automatic SDI Request Form published in the 1982 edition of the Online Services Reference Manual and also in the March 1983 and November 1983 issues of the NLM Technical Bulletin are incorrect.

The T601-700 number range prints the Secondary Source Identifier (SI), the Author (AU), the Title (TI), the Source (SO) and the Address (AD) fields. It does not print the Abstract (AB) field as indicated on the form. The Abstract (AB) is printed for the T201-400 and T401-600 number ranges. The Address (AD) is printed for T601-700.

Please correct the copy of the Automatic SDI Service Request Form in PART 5 of your Manual so that it reads:

T601-700 SI, AU, TI, SO, AD

BACKFILE POSTINGS IN MESH VOCABULARY FILE (Manual 6.8.2) - After December 10, 1984, the date when the 1985 MEDLINE databases become available, the Backfile Postings field of the MESH VOCABULARY FILE will be changed to reflect the latest regeneration of the MEDLINE backfiles. The five data elements will be:

M80 (for MED80 backfile)  
M77 (for MED77 backfile)  
M75 (for MED75 backfile)  
M71 (for MED71 backfile)  
M66 (for MED66 backfile)

The numeric values in each of these fields will reflect the postings for the term in each of the backfiles. Each backfile has two entries: the total postings for the term in a particular backfile, and the Index Medicus (IM) or "main point" postings (indicated by an asterisk (\*)).

For example, one descriptor term in the MESH VOCABULARY FILE may have entries similar to the following:

M80 - 122  
M80 - \*100  
M77 - 179  
M77 - \*120  
M75 - 166  
M75 - \*131  
M71 - 195  
M71 - \*155  
M66 - 183  
M66 - \*101

Watch the online NEWS for the date on which these changes will be implemented.

OFFSEARCH/OFFLINE PRINT CANCELLATIONS - To request cancellation of an OFFLINE PRINT or an OFFSEARCH, users must call the MEDLARS Management Service Desk between 8:30 A.M. and 5:00 P.M. Eastern Time on the same day the OFFLINE PRINT or OFFSEARCH was entered. OFFLINE PRINTS and OFFSEARCHes cannot be cancelled the day after input. The only exception to this is for OFFLINE PRINTS and OFFSEARCHes entered on Saturday. (Since these requests are not processed until Monday evening, users may call the Service Desk on Monday to request their cancellation.) NLM does not recommend requesting an OFFLINE PRINT or OFFSEARCH cancellation via the COMMENT command. This is because COMMENTS are only received in MMS at approximately 9:00 A.M. and 4:00 P.M. Eastern Time, Monday-Friday, and may not be received during working hours in the event of a computer problem. Requesting an OFFLINE PRINT or OFFSEARCH cancellation during the Service Desk's hours of operation is the only way to insure that a request is received. While

OFFSEARCH/  
OFFLINE PRINT  
CANCELLATIONS  
(CONTINUED)

every attempt will be made to cancel designated OFFLINE PRINTS and OFFSEARCHes, NLM cannot guarantee successful cancellation of any OFFLINE PRINT or OFFSEARCH.

UNINET  
LOGIN WITH  
MICROCOMPUTERS

- Microcomputer users may find several UNINET Profiles or parameter changes useful when logging into NLM via UNINET. Use of UNINET's Profile or Set commands allows microcomputer users to change the UNINET login default parameters to parameters more amenable to NLM access via a microcomputer. Commands to change default parameters must be input at each UNINET login following the SERVICE: prompt and before requesting NLM. Relevant commands are (user inputs are underlined):

<u>Command</u>	<u>Result</u>
SERVICE: <u>PROF3</u>	Speeds up the carriage return by elimination of some padding characters.
SERVICE: <u>SET?200:16</u>	Establishes a break key for micros that don't have one. In this case, 16 establishes break key as Control P (i.e., pressing the Control key and the P key simultaneously will cause a break to occur).

Users may use all, some, or none of these commands when accessing NLM via a microcomputer depending on the requirements of their machines. However, if the Profile command is to be used in conjunction with a Set command, the Profile command should be input first. After input of these commands, users will again be prompted with SERVICE:. To access NLM, input NLM in response to this prompt after all Profile and Set commands are input, i.e., SERVICE:NLM.

SELECTRIC-  
TYPE TERMINALS  
AND UNINET

- Users with selectric-type terminals, i.e., IBM 2741-compatible, cannot access NLM via UNINET.

PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE MOST  
RECENT NEWS ITEM ONLINE!

TEACHING MEDLINE TO THE HEALTH PROFESSIONAL:  
NLM'S WORKSHOP FOR SEARCH INTERMEDIARIES

Patricia Clark Buchan  
MEDLARS Management Section, NLM

The first NLM-sponsored seminar entitled "Teaching MEDLINE to the Health Professional: A Workshop for Search Intermediaries" was held on Thursday, September 20, 1984. Over 140 NLM-trained searchers from throughout the United States and abroad attended the full-day session at the National Library of Medicine. This workshop was developed to augment NLM's Health Professional training program "The Basics of Searching MEDLINE" by providing the information and materials needed by searchers in conducting training programs for health professionals within their organizations or in their communities.

As computer equipment increases in sophistication and decreases in cost, many health professionals are electing to perform their own online searches. The regular five-day Initial Online Services Training class offered by NLM in Bethesda, MD and at numerous other sites throughout the country does not adequately serve the needs of these health professionals. Their schedule constraints make it difficult to attend the sessions, and the existing training, which is slanted toward information specialists, is not focused on their specific concerns. Therefore, a special one-day format was designed specifically for these health professionals and was taught experimentally several times during 1984 by both NLM training staff and the RML7 (UCLA) training staff. It quickly became evident that these seminars, as successful as they were, would need to be taught in more locations and on a varying time schedule. In an effort to serve this need, NLM developed the workshop to train librarians/information specialists to sponsor local health professional training classes.

During the one-day seminar for "training trainers", the Guide for the Health Professional was distributed and discussed. In addition, a copy of Supplemental Instructional Notes was given to each of the attendees. These Notes provide insights into the experiences of NLM staff during their teaching of the health professional seminars. Suggestions concerning areas of lecture that may need to be elaborated, items of information on which not to spend large amounts of time, and pointers on possible areas of confusion are presented.

All search exercises within the Guide were performed against the small training database INTROMED. Because INTROMED is a static subset of MEDLINE (i.e., no new citations are added to the database), all exercise answers and strategies can be checked for accuracy against the suggested answers provided.

Accreditation for these training sessions can be made available through the American Medical Association so that physicians attending the Health

Professional Training Classes may receive CE credit. Trainers should contact the following organization for information about accrediting their courses locally.

Accreditation Council for Continuing Medical Education  
Office of the Secretary  
P.O. Box 245  
Lake Bluff, Illinois 60044  
(312) 295-1490.

Additional NLM-taught sessions of the one day workshop "Teaching MEDLINE to the Health Professional: A Workshop for Search Intermediaries" are being held during December 1984 in Regions 1 and 3. The first is being sponsored by the New York Academy of Medicine (RML1) on Thursday, December 6, in New York City, the second by the University of Illinois (RML3) on Thursday, December 13, in Chicago, Illinois. A third session is being planned for RML5 in Dallas, Texas. These NLM-taught sessions not only train the librarian/searcher to teach health professionals the basics of searching MEDLINE, but also enable them to train other "trainers" in the use of the Guide for teaching health professionals.

In several regions the Technical Resource Persons from the Regional Medical Library are conducting similar "training trainers" workshops. Interested searchers should contact their RMLs to learn more about regional workshops.

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NOTICE TO INTERLIBRARY LOAN LIBRARIANS

In past years, during the December/January holiday season, the National Library of Medicine imposed a six week moratorium on mailing original loans of books and audiovisuals by means of the U.S. Postal Service. This year, because of the transition to United Parcel Service for shipment of original loans from NLM, this moratorium will not be necessary. NLM will process all requests, whether for photoduplicates or loan of original material, as usual during this period. For material which would be due between November 12, 1984 and January 4, 1985 the loan period will be extended and these items will be due back at the National Library of Medicine no later than January 7, 1985.

We ask that all books now overdue be returned promptly.

If you have any questions, please contact:  
Circulation & Control Section  
National Library of Medicine  
8600 Rockville Pike  
Bethesda, MD 20209  
(301) 496-5511

STANDARDIZATION OF THE DATE OF PUBLICATION (DP) FIELD  
FOR MEDLINE, ITS BACKFILES, AND HEALTH FOR THE 1985 SYSTEM

Lou Wave S. Knecht  
MEDLARS Management Section, NLM

Background

The National Library of Medicine changed its citation format effective with the 1980 indexing year. (Please see the article "Online Citation Format Changes For 1980" in the October 1979 NLM Technical Bulletin for details.) In summary, the change: 1) implemented the American National Standard Institute's Standard for Bibliographic References (ANSI Z39.29-1977, reaffirmed 1983) as the NLM format; 2) was effective for MEDLINE data from 1977 forward and all Health Planning and Administration data; and 3) had the greatest impact on the Date of Publication (DP) field.

Existing Situation From 1980 To 1984

MEDLINE citations from 1980 forward utilize the ANSI standard format for the Date of Publication. This is a 4-digit year, an abbreviated 3-character month, and a 1- or 2-digit day, e.g., 1984 Dec 1.

MEDLINE citations from 1977 to 1979 and all HEALTH citations were converted to the new general format, and the DP field in these citations begins with a 4-digit year. However, some inconsistencies with the placement of the month and day in the DP field resulted from this machine conversion (see examples below).

MEDLINE citations created from 1966 to 1976 were not changed and had a different general DP field format of day (1- or 2-digits), abbreviated month (3 characters), and 2-digit year, e.g., 2 Apr 74.

Examples of the DP field formats for the 1980-84 time frame are shown below.

1980-84 Date of Publication (DP) Field Formats

MED66 MED71 MED75	MED77 HEALTH (from 1975-79)	MED80 MEDLINE HEALTH (from 1980- forward)
2 Apr 74	1979 Apr 1	1984 Feb 11
1974-75	1979 1 Apr	1984 Feb 2-8
1975	1979 Apr	1984 Feb
Winter 74	1979	1984
Apr-Aug 74	1978-79	1983-84
Apr 74	1979 Winter	1984 Winter

NLM generates a 2-digit, searchable-only Year (YR) field from the DP field. The various DP field formats impacted on NLM's generation of the YR value. Even though there are three DP field format groups, they can be reduced to two groups for the creation of the YR element. The first group includes MED66, MED71, and MED75 where the year is always last in the DP field. NLM creates

the YR field by selecting the last 2 digits of the DP field. Note that for compound years, e.g., 1974-75, only the last year is searchable. The second group includes MED77, MED80, MEDLINE, and HEALTH, where the year is always first in the DP field. Because the year is 4 digits in these databases, NLM creates the YR field by selecting the third and fourth digits of the DP field. Note that for compound years in this group, e.g., 1983-84, only the first year is searchable.

Standardization For 1985

Effective December 10, 1984 for the 1985 system and forward, the Date of Publication (DP) field has been reprogrammed for MED66, MED71, MED75, MED77, and HEALTH (where necessary) to reflect the current MEDLINE Date of Publication format, i.e., 4-digit year, abbreviated month of 3 characters, and 1- or 2-digit day. Benefits of this reprogramming effort include:

- 1) A uniform Date of Publication format that is more easily handled by NLM and magnetic tape subscribers to NLM data;
- 2) A uniform method of generating the 2-digit, searchable Year (YR) field from the DP field by always choosing the third and fourth digits in all the MEDLINE family of databases and HEALTH; and
- 3) Possible future reconfiguration of MEDLINE and its backfiles is no longer restricted by the citation format change of 1980.

In summary, from a searcher's point of view, there is no change in searching by Year (YR) in MEDLINE, its backfiles, or HEALTH. The changes to the YR field presented above are transparent to the online searcher. However, if a searcher is looking for a particular issue of a journal and decides to limit by ANDing the DP field value, then the searcher must remember that all DP field values in MEDLINE, its Backfiles, and HEALTH are now being input with a 4-digit year regardless of the time frame.

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NEW TOXLINE SUBFILE FROM THE INTERNATIONAL LABOUR OFFICE

Susan Hawk, MLS, EdM  
Specialized Information Services, NLM

On November 19, 1984, 2,800 records were added to TOXLINE from the CIS Abstracts database, produced by the International Labour Office (ILO), International Occupational Safety and Health Information Centre. The ILO is a United Nations Organization with offices in Geneva, Switzerland. CIS has been in existence since 1959, and specializes in abstracting and indexing materials in the field of occupational safety and health.

As with several other TOXLINE subfiles, only certain portions of the database are entered into TOXLINE. Of 39 categories of information compiled by CIS, 10 have been selected for TOXLINE. The ten categories, with their CIS subject category numbers are listed below.

1. Dust, Aerosols and Related Diseases (070)
2. Noise, Hearing, Vibration (080)
3. Toxic and Dangerous Substances (120)
4. Occupational Pathology (130)
5. Air and Water Pollution, and other Environmental Problems (150)
6. Agriculture, Fishing, and Livestock Breeding (160)
7. Chemical, Oil and Fuel, Plastics and Rubber Industries (230)
8. Textiles and Clothing Industries (240)
9. Food, Beverage and Tobacco Industries (260)
10. Commerce, Service Industries, Offices (300)

TOXLINE searchers will be able to limit their searching to the ILO subfile by ANDing "ILO (KW)" with a search statement. Qualifying with (KW) is necessary for this subfile in order to avoid false drops, i.e., citations about ILO rather than from ILO. Users may also limit their searches to a certain category by using the three-digit code qualified by (CC).

The new subfile references publications from 1981 to the present, and includes references to both monographs and journal articles. While half of the citations refer to non-English materials, all have English abstracts in the database. Search retrieval may be limited to English language materials by "AND NOT FOR (LA)". Users will be pleased to find that the source field in this subfile is very readable, since the full title of the source is used instead of abbreviations. The ILO subfile will be updated eight times a year.

Thesaurus terms from the CIS database will be placed in the keyword field. NLM users may purchase the CIS Thesaurus for the subscriber's rate of \$25 from:

International Labour Office  
1750 New York Avenue  
Washington, DC 20006

Each of the records in the new subfile contains the following data elements:

Mnemonic	Field Name (Comments)
AB	Abstract
AU	Author
CC	Classification Code (Category Code from ILO Subject List)
CN	Corporate Name
EM	Entry Month
KW	Keywords (CIS Thesaurus Terms)
LA	Language (Three-Letter Code)
PT	Publication Type (journal article, monograph, other)
RN	CAS Registry Number
SI	Secondary Source ID (from printed CIS Abstracts)
SO	Source
TI	Title
YR	Year

The following is a sample record from the ILO subfile of TOXLINE:

```

SI - CIS/84/00837
CC - 130
AU - Lauwerys R
AU - Herbrand J
AU - Buchet JP
AU - Bernard A
AU - Gaussin J
TI - Health surveillance of workers exposed to
    tetrachloroethylene in dry-cleaning shops
SO - International Archives of Occupational and Environmental
    Health 1983, Vol.52, No.1, p.69-77. 28 ref.
PT - JOURNAL ARTICLE
LA - Eng
AB - Behavioural, renal, hepatic and pulmonary function (peak
    expiratory flow tests were performed in 26 workers (all but
    2 women) at 6 dry-cleaning shops, and 33 non-exposed
    subjects. TWA exposure was 21 (9-38)ppm. Results of
    charcoal tube sampling and passive dosimetry were
    comparable. The urine was analysed for trichloroacetic acid
    and the expired air and venous blood for
    tetrachloroethylene. The internal dose may be better
    evaluated by measuring its concentration in the blood 16h
    after exposure, rather than immediately. If the blood
    concentration of tetrachloroethylene does not exceed 1mg/l
    at this time, the TWA exposure is likely to have been
    <50ppm. Such exposure caused no detectable effects on the
    central nervous system, liver or kidney.
KW - TETRACHLOROETHYLENE
KW - DRY CLEANING
KW - EXPOSURE TESTS
KW - MEDICAL SUPERVISION
KW - ORGANIC SOLVENTS
KW - DETERMINATION IN URINE
KW - DETERMINATION IN AIR
KW - BLOOD MONITORING
KW - DETERMINATION IN EXHALED AIR
KW - COMPARATIVE STUDY
KW - DELAYED EFFECTS
KW - ILO
RN - 127-18-4
EM - 8411
    
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EASY AS PIE A LA MODEM:  
TERMINAL ACCESS TO MEDLARS AT THE NATIONAL LIBRARY OF MEDICINE

I. Methods of Access

The NLM databases may be accessed four ways: direct dial to Bethesda, or through the TELENET, TYMNET, and UNINET networks. The latter three are commercial telecommunications networks. NLM currently includes the cost of using any of these commercial networks in the basic connect hour fees for domestic users.

II. Basic Terminal Operating Features

In general, equipment must emulate a TTY 33/35 (teletype) terminal to be compatible with MEDLARS.

- A. Transmission Code: Of the four transmission codes available -- BCD (Binary Coded Decimal), EBCDIC (Extended Binary Coded Decimal Interchange Code), Correspondence Code, and ASCII (American Standard Code for Information Interchange) -- the NLM system is completely compatible with ASCII for dial-up terminals. Correspondence and EBCDIC are available with IBM 2741-compatible terminals; however, they are only supported by the NLM system through TELENET and TYMNET. The NLM system does not support the BCD code at all. The NLM computer accepts asynchronous character mode transmission, not synchronous or bisynchronous.
- B. Duplex: The NLM system may be used in either the Full- or Half-duplex mode through the commercial telecommunications networks. However, direct dial access requires Half duplex only.
- C. Speed of Transmission: The NLM system supports 10, 30, or 120 characters-per-second (110, 300, or 1200 baud) transmission. Different telephone numbers are used to access the system at each speed, and for either of the two types of compatible modems (Vadic or Bell). Some U.S. cities have 2400 baud compatible telephone numbers. NLM supports 2400 baud if the user has 2400 baud equipment and access to a 2400 baud telephone number.
- D. Parity: The NLM system prefers Even (or None in certain cases); it cannot accept transmission in Odd parity.

III. Other Operating Features

- A. Telephone: The terminal equipment must have a means of being connected to a telephone. Often an acoustic coupler or modem is used with the telephone, or a direct connection to the telephone line using an RJ11 jack is possible. The telephone to be used for data communications with the terminal should be a separate telephone line (i.e., no extensions where someone else could pick up the line and disconnect it) and not have "call forwarding" or "call waiting" service which often disconnects a data telecommunications call.
- B. Modems: Modems at 300 baud are all Bell 103-compatible and will

work with the NLM direct dial number or through any network. Modems at 1200 baud are Bell 212A-compatible, VADIC 3400 series-compatible or compatible with both. The telecommunications networks in some cities have different phone numbers for different modem types. This may impact on the modem selection. However, the trend is for the network phone numbers to be compatible with both modems at 1200 baud. International access requires that the terminal's modem be compatible with that used by the country's network.

- C. Microcomputers: In addition to the microcomputer itself (along with a telephone, and modem), a microcomputer set-up requires an auxiliary asynchronous communications software package that allows the microcomputer to emulate a TTY 33/35 terminal. These software packages are many and varied. In general, they permit the user to set terminal operating features such as transmission speed and parity. Sometimes the auxiliary communications software is a built-in feature of the microcomputer (often called a communications board).

#### IV. Miscellaneous Helpful Facts

- A. The NLM mainframe computer is an IBM 3033 MP (Multi-Processor).
- B. A data word equals 10 bits as follows: 1 start bit, 7 data bits, 1 parity bit, and 1 stop bit. In some cases, equipment cannot access MEDLARS with the normal setting of 7 data bits and 1 stop bit: then try 8 data bits (some equipment treats the data and parity bits as a unit).
- C. The NLM computer does not support X-ON, X-OFF (or DC1, DC3). However, the networks will perform this flow control if instructed to do so after logging in to NLM's databases. The procedure (which is done at the network command level after completing a logon to MEDLARS) involves setting ITI (Interactive Terminal Interface) parameter 12 (twelve) to 1 (one, which means "on"). The actual procedure is different for each network; please call the MEDLARS Management Service Desk for instructions. This flow control capability is often important for hardcopy terminals and microcomputer set-ups that may have small buffers. If the buffer is small, data sent to the terminal may be lost or overwritten. Flow control enables the terminal to prevent further receipt of data until its buffer has emptied and is capable of storing more data.
- D. The automatic line feed feature should be disabled if it is present on the equipment. The NLM computer sends the automatic line feed and does not accept a carriage return-automatic line feed combination from the terminal. The terminal end-of-line transmission character should only be a carriage return.

#### V. User Assistance

Need more help? Call MEDLARS Management Section from 8:30 A.M. to 5:00 P.M. ET Monday through Friday at (301) 496-6193 or (800) 638-8480.

\*\*\*\*\*

SERIALS UPDATE

INDEXED TITLES UPDATE, NOVEMBER 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, OCTOBER 1984

- |   |  |
|---|--|
| <p>IM ADVANCES IN ALCOHOL AND SUBSTANCE ABUSE<br/>ADV ALCOHOL SUBST ABUSE<br/>INI, FALL 1981--<br/>HAWORTH PRESS<br/>NEW YORK UNITED STATES<br/>CONTINUES: DRUG ABUSE AND ALCOHOLISM REVIEW.<br/>INDEXING BEGAN WITH V.3,N.1-2,1983-84.<br/>WI AD432 0270-3106<br/>A12980000 JTC: 2NZ</p>         | <p>IM EKSPERIMENTALNAIA ONKOLOGIIA<br/>EKSP ONKOL<br/>1979--<br/>R.E. KAVETSKY INSTITUTE FOR ONCOLOGY<br/>PROBLEMS<br/>KIEV USSR<br/>CALLED ALSO: EXPERIMENTAL ONCOLOGY. AT<br/>HEAD OF CAPTION TITLE: AKADEMIIA NAUK SSSR,<br/>OTDELENIE FIZIOLOGII; AKADEMIIA NAUK<br/>UKRAINSKOI SSR, OTDELENIE BIOKHMII,<br/>FIZIOLOGII I TEORETICHESKOI MEDITSINY.<br/>INDEXING BEGAN WITH V.6,N.1,1984.<br/>WI EK482G 0204-3564<br/>E04530000 JTC: EEC</p> |
| <p>IM ADVERSE DRUG REACTIONS AND ACUTE POISONING<br/>REVIEWS<br/>ADVERSE DRUG REACT ACUTE POISONING REV<br/>INI, SPRING 1982--<br/>OXFORD UNIVERSITY PRESS<br/>OXFORD ENGLAND<br/>INDEXING BEGAN WITH V.3,N.1,1984.<br/>WI AD92 0260-647X<br/>A15665000 JTC: 2P6</p>                              | <p>IM INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY<br/>INT J PSYCHOPHYSIOL<br/>INI, AUG 1983--<br/>ELSEVIER SCIENCE PUBLISHERS<br/>AMSTERDAM NETHERLANDS<br/>INDEXING BEGAN WITH V.1,N.1,1983.<br/>WI IN777N 0167-8760<br/>I27890000 JTC: HAH</p>   |
| <p>IM CLINICAL PHYSIOLOGY AND BIOCHEMISTRY<br/>CLIN PHYSIOL BIOCHEM<br/>INI, JAN/FEB 1983--<br/>KARGER<br/>BASEL SWITZERLAND<br/>OFFICIAL JOURNAL OF: THE NATIONAL ACADEMY<br/>OF CLINICAL BIOCHEMISTRY.<br/>INDEXING BEGAN WITH V.1,N.1,1983.<br/>WI CL767I 0252-1164<br/>C26524000 JTC: DHS</p> | <p>IM JOURNAL OF DIARRHOEAL DISEASES RESEARCH<br/>J DIARRHOEAL DIS RES<br/>INI, MAR 1983--<br/>INTERNATIONAL CENTRE FOR DIARRHOEAL DISEASE<br/>RESEARCH<br/>DHAKA BANGLADESH<br/>INCLUDES REGULAR SECTION: ANNOTATED<br/>BIBLIOGRAPHY OF ASIAN LITERATURE ON<br/>DIARRHOEAL DISEASES.<br/>INDEXING BEGAN WITH V.1,N.1,1983.<br/>WI J0622C 0253-8768<br/>J19050000 JTC: IBA</p>   |
| <p>IM DIAGNOSTIC IMMUNOLOGY<br/>DIAGN IMMUNOL<br/>INI, 1983--<br/>ALAN R. LISS<br/>NEW YORK UNITED STATES<br/>INDEXING BEGAN WITH V.1,N.1,1983.<br/>WI DI258IJ 0735-3111<br/>D09578000 JTC: DID</p>   |  |

IM JOURNAL OF EMERGENCY MEDICINE  
 J EMERG MED  
 IN1,1983--  
 PERGAMON  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V.1,N.1,1983.  
 WI J0638 0736-4679  
 J19875000 JTC: IBO

IM NEUROLOGIC CLINICS  
 NEUROL CLIN  
 IN1,FEB 1983--  
 SAUNDERS  
 PHILADELPHIA UNITED STATES  
 INDEXING BEGAN WITH VIN1,1983.  
 WI NE329T 0733-8619  
 N12852000 JTC: NEU

IM JOURNAL OF ORTHOPAEDIC RESEARCH  
 J ORTHOP RES  
 IN1,1983--  
 RAVEN PRESS  
 NEW YORK UNITED STATES  
 OFFICIAL PUBLICATION OF THE ORTHOPAEDIC  
 RESEARCH SOCIETY AND THE BIOELECTRIC REPAIR  
 AND GROWTH SOCIETY.  
 INDEXING BEGAN WITH V.1,N.1,1983.  
 WI J0804SF 0736-0266  
 J33365000 JTC: JIQ

IM PEDIATRIC DERMATOLOGY  
 PEDIATR DERMATOL  
 IN1,JUL 1983--  
 BLACKWELL SCIENTIFIC  
 BOSTON UNITED STATES  
 CLOSELY ASSOCIATED WITH THE INTERNATIONAL  
 SOCIETY OF PEDIATRIC DERMATOLOGY AND THE  
 SOCIETY FOR PEDIATRIC DERMATOLOGY.  
 INDEXING BEGAN WITH VIN1,1983.  
 WI PE167F 0736-8046  
 P06333000 JTC: PED

IM JOURNAL OF VASCULAR SURGERY  
 J VASC SURG  
 IN1,JAN 1984--  
 C.V. MOSBY  
 ST. LOUIS UNITED STATES  
 OFFICIAL PUBLICATION OF THE SOCIETY FOR  
 VASCULAR SURGERY AND THE NORTH AMERICAN  
 CHAPTER OF THE INTERNATIONAL SOCIETY OF  
 CARDIOVASCULAR SURGERY.  
 INDEXING BEGAN WITH V.1,N.1,1984.  
 WI J097CH 0741-5214  
 J41125000 JTC: KD2

IM PEDIATRIC PATHOLOGY  
 PEDIATR PATHOL  
 IN1,JAN/MAR 1983--  
 HEMISPHERE PUBLISHING CORPORATION  
 WASHINGTON UNITED STATES  
 INDEXING BEGAN WITH VIN1,1983.  
 WI PE169R 0277-0938  
 P06423000 JTC: PEE

IM MAGNESIUM  
 MAGNESIUM  
 IN1,JAN/FEB 1982--  
 KARGER  
 BASEL SWITZERLAND  
 INDEXING BEGAN WITH V.3,N.1,1984.  
 WI MA334 0252-1156  
 M01105000 JTC: LB9

INI PERSPECTIVES  
 PERSPECTIVES  
 IN1,1977--  
 GERONTOLOGICAL NURSING ASSOCIATION  
 TORONTO CANADA  
 OFFICIAL PUBLICATION OF THE GERONTOLOGICAL  
 NURSING ASSOCIATION.  
 INDEXING BEGAN WITH VOL.8 NO.1,1984.  
 ON ORDER  
 SP0051880 JTC: OZL

IM MINERVA ENDOCRINOLOGICA  
 MINERVA ENDOCRINOL  
 I,1976?--  
 EDIZIONI MINERVA MEDICA  
 TURIN ITALY  
 INDEXING BEGAN WITH V9NI,1984.  
 WI MI64 0391-1977  
 M37010000 JTC: NAN

IM RADIATION MEDICINE  
 RADIAT MED  
 IN1,JAN/MAR 1983--  
 RADIATION MEDICINE ASSOCIATION  
 TOKYO JAPAN  
 INDEXING BEGAN WITH VIN1,1983.  
 WI PA162H 0288-2043  
 R00550000 JTC: RAD

IM MOLECULAR BIOLOGY AND MEDICINE  
 MOL BIOL MED  
 IN1,JUL 1983--  
 ACADEMIC PRESS  
 LONDON ENGLAND  
 INDEXING BEGAN WITH V.1 N.1,1983.  
 WI M0195P 0735-1313  
 M43250000 JTC: MOL

IM RADIOTHERAPY AND ONCOLOGY  
 RADIOTHER ONCOL  
 IN1,AUG 1983--  
 ELSEVIER SCIENCE  
 AMSTERDAM NETHERLANDS  
 JOURNAL OF THE EUROPEAN SOCIETY FOR  
 THERAPEUTIC RADIOLOGY AND ONCOLOGY.  
 INDEXING BEGAN WITH VIN1,1983.  
 WI RA371T 0167-8140  
 R01835000 JTC: RAE

NLM TECHNICAL BULLETIN - NOV 84

IDL RIVISTA DI ODONTOSTOMATOLOGIA E  
 IMPLANTOPROTESI  
 RIV ODONTOSTOMATOL IMPLANTOPROTESI  
 N1,GEN/FEB 1984--  
 ODONTOSTOMATOLOGIA E IMPLANTOPROTESI  
 MILANO ITALY  
 SPINE TITLE: ODONTOSTOMATOLOGIA E  
 IMPLANTOPROTESI.  
 W1 RI567  
 003020000 JTC: OE6

IM SURGICAL GASTROENTEROLOGY  
 SURG GASTROENTEROL  
 IN1,1982--  
 MASSON PUBLISHING USA  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH V3N1,1984.  
 W1 SU765K 0730-681  
 S48525000 JTC: SUR

IM SOMATOSENSORY RESEARCH  
 SOMATOSENS RES  
 IN1,1983--  
 GUILFORD PRESS  
 NEW YORK UNITED STATES  
 INDEXING BEGAN WITH VIN1,1983.  
 W1 S0887LH 0736-7244  
 S30885000 JTC: SOM

IM SURVEY AND SYNTHESIS OF PATHOLOGY RESEARCH  
 SURV SYNTH PATHOL RES  
 IN1-2,1983--  
 KARGER  
 BASEL SWITZERLAND  
 INDEXING BEGAN WITH V3N1,1984.  
 W1 SU918 0253-438X  
 S49257000 JTC: SUS

IM SPORTS MEDICINE  
 SPORTS MED  
 IN1,JAN/FEB 1984--  
 ADIS PRESS PUBLICATIONS  
 WANCHAI HONG KONG  
 INDEXING BEGAN WITH VIN1,1984.  
 W1 SP509H 0012-1642  
 S36237000 JTC: SPO

IM TOXICOLOGIC PATHOLOGY  
 TOXICOL PATHOL  
 6N3/4,1978--  
 SOCIETY OF PHARMACOLOGICAL AND  
 ENVIRONMENTAL PATHOLOGISTS  
 NEWARK DE UNITED STATES  
 CONTINUES THE BULLETIN OF THE SOCIETY OF  
 PHARMACOLOGICAL AND ENVIRONMENTAL  
 PATHOLOGISTS.  
 INDEXING BEGAN WITH V12N1,1984.  
 W1 T0892 0192-6233  
 T13790000 JTC: TOY

TITLE CHANGES, OCTOBER 1984

IM ACUTE CARE  
 ACUTE CARE  
 10N1,1983-84--  
 KARGER  
 BASEL SWITZERLAND  
 CONTINUES: BIOTELEMETRY AND PATIENT  
 MONITORING.  
 W1 AC999W 0254-0819  
 A11855000 JTC: 0Y4

IM BULLETIN OF THE LOS ANGELES NEUROLOGICAL  
 SOCIETIES  
 BULL LOS ANGELES NEUROL SOC  
 31,1966-47,1982  
 ACADEMIC PRESS  
 NEW YORK NY UNITED STATES  
 CONTINUES BULLETIN OF THE LOS ANGELES  
 NEUROLOGICAL SOCIETY. V45-47, 1980-1982  
 BOUND IN ONE VOLUME. CONTINUED BY: BULLETIN  
 OF CLINICAL NEUROSCIENCES.  
 W1 BU854R 0024-659X  
 B47260000 JTC: BNK

IM BIOTELEMETRY AND PATIENT MONITORING  
 BIOTELEM PATIENT MONIT  
 5,1978-9,1982  
 KARGER  
 BASEL SWITZERLAND  
 CONTINUES BIOTELEMETRY. OFFICIAL ORGAN OF  
 THE INTERNATIONAL SOCIETY ON BIOTELEMETRY.  
 CONTINUED BY: ACUTE CARE.  
 W1 BI919M 0378-309X  
 B19900000 JTC: A6U

IDL HAWAII DENTAL JOURNAL  
 HAWAII DENT J  
 15N1,JUL 1984--  
 HAWAII DENTAL ASSOCIATION  
 HONOLULU HI UNITED STATES  
 CONTINUES: JOURNAL OF THE HAWAII DENTAL  
 ASSOCIATION.  
 IN PROCESS  
 SR0051816 JTC: HDE

IM BULLETIN OF CLINICAL NEUROSCIENCES  
 BULL CLIN NEUROSCI  
 48,1983--  
 ACADEMIC PRESS  
 NEW YORK UNITED STATES  
 PUBLISHED UNDER THE AUSPICES OF: THE LOS  
 ANGELES SOCIETY OF NEUROLOGY AND  
 PSYCHIATRY, AND: THE SOUTHERN CALIFORNIA  
 NEUROSURGICAL SOCIETY. CONTINUES: BULLETIN  
 OF THE LOS ANGELES NEUROLOGICAL SOCIETIES.  
 W1 BU756T 0736-3583  
 SR0051830 JTC: BEZ

IDL JOURNAL OF THE HAWAII DENTAL ASSOCIATION  
 J HAWAII DENT ASSOC  
 3,1970-14N3,DEC 1983  
 HAWAII DENTAL ASSOCIATION  
 HONOLULU HI UNITED STATES  
 CONTINUES: JOURNAL OF THE HAWAII STATE  
 DENTAL ASSOCIATION. CONTINUED BY: HAWAII  
 DENTAL JOURNAL.  
 W1 J0928D 0017-8616  
 J22420000 JTC: IB2

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES -- OCTOBER 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, (301) 496-1276, Technical Services Division, NLM.

BIOESSAYS  
 IN1,JUL 1984--  
 CAMBRIDGE UNIVERSITY PRESS  
 NEW YORK UNITED STATES  
 ON ORDER  
 SR0051782 \$135.00  
 PUBLISHED FOR THE INTERNATIONAL COUNCIL OF  
 SCIENTIFIC UNIONS

CANCER CARE  
 IN1,MAR 1984?--  
 MEDICAL EDUCATION SERVICES  
 OXFORD ENGLAND  
 IN PROCESS  
 SR0051907  
 MEDICAL EDUCATION SERVICES LIMITED,  
 PEMBROKE HOUSE, 36/37 PEMBROKE STREET,  
 OXFORD OX1 1BL, ENGLAND

CIRCULAR  
 FEB/MAR 1984--  
 MCMAHON PUBLISHING  
 GEORGETOWN CT UNITED STATES  
 IN PROCESS  
 SR0051573  
 DR. J. ANTONIO ALDRETE, DEPARTMENT OF  
 ANESTHESIOLOGY, THE UNIVERSITY OF ALABAMA  
 IN BIRMINGHAM, J.T. #730 UNIVERSITY  
 STATION, BIRMINGHAM AL 35294

COLLECTION D ANESTHESIOLOGIE ET DE  
 REANIMATION CHIRURGICALE ET MEDICALE  
 1,1984--  
 MASSON  
 PARIS FRANCE  
 ON ORDER  
 SR0051871  
 MASSON EDITEUR, 120 BD SAINT-GERMAIN, 75280  
 PARIS, FRANCE

CURRENT PROBLEMS IN EPILEPSY  
 1,1983--  
 JOHN LIBBEY  
 LONDON ENGLAND  
 IN PROCESS  
 SR0051773  
 JOHN LIBBEY, 80/84 BONDWAY, LONDON SW8 1SF,  
 ENGLAND

GENETIC ENGINEERING AND BIOTECHNOLOGY  
 YEARBOOK  
 1983--  
 ELSEVIER SCIENCE PUBLISHERS  
 AMSTERDAM NETHERLANDS  
 IN PROCESS  
 SR0051632  
 ELSEVIER SCIENCE PUBLISHERS B.V., MOLENWERF  
 1, P.O. BOX 211, 1000 AE AMSTERDAM,  
 NETHERLANDS

HAMMERSMITH CARDIOLOGY WORKSHOP SERIES  
 1,1984--  
 RAVEN PRESS  
 NEW YORK UNITED STATES  
 IN PROCESS  
 SR0051821  
 RAVEN PRESS, 1140 AVENUE OF THE AMERICAS  
 NEW YORK NY 10036

INTERNAL MEDICINE REPORTS  
 1,1984?--  
 AMERICAN MEDICAL REPORTS  
 SAN FRANCISCO UNITED STATES  
 ON ORDER  
 SR0051772  
 AMERICAN MEDICAL REPORTS SUBSCRIBER  
 SERVICES, P.O. BOX 77552, SAN FRANCISCO CA  
 94107 (TEL: 415-541-0672)

JOURNAL OF REPRODUCTIVE AND INFANT  
 PSYCHOLOGY  
 1 PT 1,MAY 1983--  
 SOCIETY FOR REPRODUCTIVE AND INFANT  
 PSYCHOLOGY ENGLAND  
 LONDON  
 IN PROCESS  
 SR0051834  
 SOCIETY FOR REPRODUCTIVE AND INFANT  
 PSYCHOLOGY, GROSVENOR SQUARE, WELLINGORE  
 LINCOLN LN5 0HT, ENGLAND

MICROCIRCULATION, ENDOTHELIUM, AND  
 LYMPHATICS  
 IN1,FEB 1984--  
 DEERFIELD SCIENTIFIC PUBLISHERS  
 DEERFIELD BEACH FL UNITED STATES  
 ON ORDER  
 SR0051843 \$135.00  
 DEERFIELD SCIENTIFIC PUBLISHERS INC., 303  
 NW 12TH AVE., DEERFIELD BEACH FL 33441

PATHOLOGY OF THE EXTREMELY AGED  
 1,1984--  
 ISHIYAKA EUROAMERICA  
 ST. LOUIS UNITED STATES  
 IN PROCESS  
 SR0051656  
 ISHIYAKA EUROAMERICA INC., ST. LOUIS MO

PROGRESSI CLINICI. CHIRURGIA  
 IN1,1984--  
 PICCIN EDITORE  
 PADOVA ITALY  
 ON ORDER  
 SR0051775  
 PICCIN EDITORE, VIA ALTINATE 107, 35121  
 PADOVA, ITALY

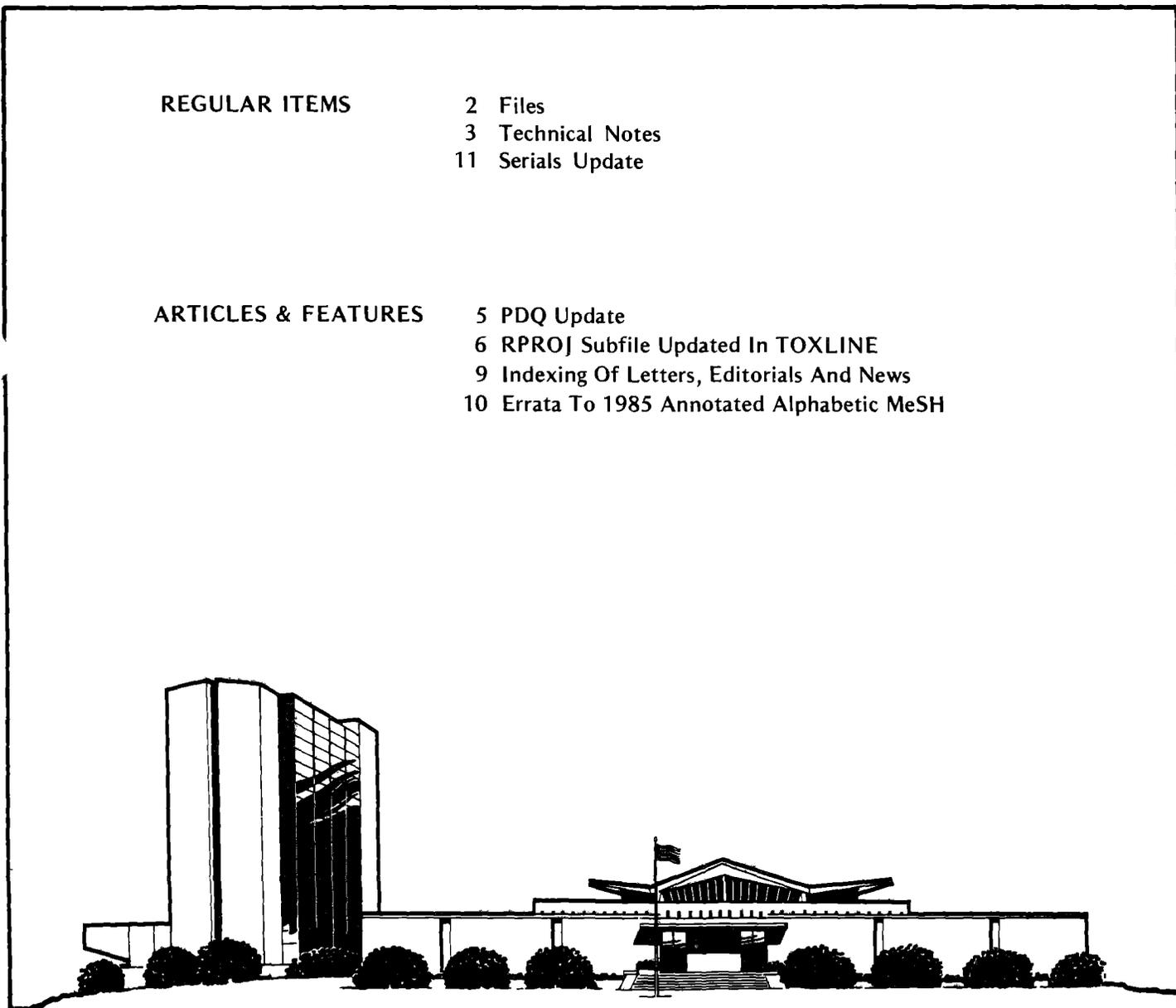
# THE NLM TECHNICAL BULLETIN

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- 11 Serials Update

## ARTICLES & FEATURES

- 5 PDQ Update
- 6 RPROJ Subfile Updated In TOXLINE
- 9 Indexing Of Letters, Editorials And News
- 10 Errata To 1985 Annotated Alphabetic MeSH



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NLM TECHNICAL BULLETIN - DEC 84

DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AVLINE	13,058	THROUGH 1984	13 DEC 84	
BIOETHICS	17,502	JAN 73-DEC 84	10 DEC 84	8412(EM)
CANCERLIT	432,518	JAN 63-DEC 84	10 DEC 84	8412(EM)
CANCERPROJ	21,117	1978-1981	12 NOV 81	8110(EM)
CATLINE	585,490	THROUGH 1984	13 DEC 84	
CHEMLINE	614,058		09 OCT 84	8410(EM)
CLINPROT	4,658		26 OCT 84	8411(EM)
DIRLINE	14,049		16 AUG 84	
EXPRESS	7,175	SEP 84-DEC 84	10 DEC 84	8412(EM)
HEALTH	297,068	JAN 75-JAN 85	10 DEC 84	8501(EM)
HISTLINE	64,039		10 DEC 84	8412(EM)
MEDLINE	465,280	JAN 83-JAN 85	10 DEC 84	8501(EM)
MED80	804,874	JAN 80-DEC 82	10 DEC 84	
MED77	775,167	JAN 77-DEC 79	10 DEC 84	
MED75	642,710	JAN 75-DEC 76	10 DEC 84	
MED71	883,906	JAN 71-DEC 74	10 DEC 84	
MED66	954,650	JAN 66-DEC 70	10 DEC 84	
MESH VOC	52,233	1985	10 DEC 84	
NAME AUTH	168,788		03 DEC 84	
PDQ	963		05 NOV 84	8410(EM)
POPLINE	127,040	1970-NOV 84	19 NOV 84	8411(EM)
RTECS	70,029	THROUGH JUL 84	12 SEP 84	
SDILINE	22,391	JAN 85	10 DEC 84	8501(EM)
SERLINE	50,466	1984	12 NOV 84	
TDB	4,112		06 SEP 84	
TOXLINE	489,096		19 NOV 84	8411(EM)
CBAC	286,045	1981-VOL 101(8,9)		
TOXBIB	107,017	1981-DEC 84		
IPA (ASHP)	24,842	1981-VOL 21 (21,22,23)		
HEEP	40,729	1981-VOL 13(12)		
PESTAB	1,536	1981		
EMIC	6,899	1981-APR 1984		
ETIC	5,937	1981-APR 1984		
TD3	12,725	1981-GRA&I 84 (16,17)		
HMTC	563			
ILO	2,843	NOV 1984		
TOXBACK76	555,808		27 AUG 84	
CBAC	298,383	1976-1980		
TOXBIB	106,643	1976-1980		
IPA(ASHP)	33,321	1976-1980		
HEEP	63,796	1976-1980		
PESTAB	14,757	1976-1980		
EMIC	17,267	1976-1980		
ETIC	11,970	1976-1980		
TD3	9,671	1976-1980		
TOXBACK65	598,424		27 AUG 84	
CBAC	287,992	1965-1975		
TOXBIB	155,387	1965-1975		
IPA(ASHP)	33,876	1969-1975		
HEEP	54,075	1970-1975		
HAPAB/PESTAB	18,416	1968-1975		
EMIC	19,554	1950-1975		
ETIC	13,694	1950-1975		
TD3	839	PRE-1965-1975		
HAYES	10,039	1940-1968		
TMIC	4,552	1940-1975		

Editor: Carolyn B. Tilley	Direct Inquiries to:
Assistant Editor: T. Scott Plutchak	MEDLARS Management Section
Consulting Editor: Ann Joseph Preiss	National Library of Medicine
Technical Notes Editor: Patricia E. Healy	Bldg. 38A, Rm. 4N421
(301) 496-6193	Bethesda, Maryland 20209

TECHNICAL NOTES

Whenever applicable, the heading of each Technical Note includes a reference to the section of the 1982 Online Services Reference Manual that is considered most relevant to the item being discussed, e.g., (Manual 2.9). Users should keep in mind that the item may pertain to other sections of the Manual as well.

INAUGURATION DAY HOLIDAY SCHEDULE - The NLM computer will be up on Monday, January 21, 1985, Inauguration Day, a federal government holiday. Non-prime rates will be in effect all day. The MEDLARS Management Service Desk will not be staffed.

HOLIDAY SCHEDULE 1985 ADDITION - Thanksgiving Day, Thursday, November 28, 1985, was inadvertently omitted from the 1985 Holiday Schedule published in the October 1984 Technical Bulletin, p. 8. Please annotate the schedule to include this holiday. The system will be DOWN on this date.

JANUARY 1985 SDILINE AUTOMATIC SDIs DELAYED DUE TO YEAR-END PROCESSING - The 1985 MEDLINE, MEDLINE backfiles, and SDILINE files were made available on Monday, December 10, 1984. Because this date of availability is one week later than usual due to year-end processing activities, Automatic SDIs on SDILINE could not be run on their normal schedule -- that is, one week prior to the normal online availability of the latest SDILINE. Therefore, users may have experienced delays in receiving their SDILINE SDIs for the January 1985 update (8501(EM)). The 8502(EM) SDILINE Automatic SDIs for February 1985 will be run one week early -- that is, the weekend of December 22, 1984 -- and will be mailed the following week.

Due to the two updates of SDILINE SDIs in the month of December 1984, participants in the Automatic SDI program should expect charges for two sets of SDILINE Automatic SDIs on their December invoices. Also, because of this, no SDILINE Automatic SDIs were run in November 1984. Therefore, participants in the Automatic SDI program should expect no charges for SDILINE Automatic SDIs on their November invoices.

ADDITIONAL TRAINING TRAINERS SESSION - An additional "training trainers" workshop has been scheduled for January 25, 1985 in Dallas, Texas. This course, titled "Teaching MEDLINE to the Health Professional: A Workshop for Search Intermediaries" will be co-sponsored by the South Central Regional Medical Library Program (RML 5) and NLM; it will be taught by an NLM training staff member.

ADDITIONAL  
TRAINING  
TRAINERS  
SESSION  
(CONT.)

All requests for information and/or application forms should be directed to the RML 5 office at:

South Central Regional  
Medical Library Program (TALON)  
University of Texas  
Health Science Center at Dallas  
5323 Harry Hines Blvd.  
Dallas, Texas 75235  
(214) 688-2085

DATES OF  
ENTRY (DA)  
IN MEDLINE

- Searchers who use Dates of Entry (DA) to limit MEDLINE searches should be aware that the number of Dates of Entry (DA) used in a month has increased with the installation of the online indexing system at NLM. Previously, MEDLINE citations were entered in batches into the next month's MEDLINE "hold" file approximately four times per month, generating approximately four Dates of Entry (DA) per month. Under the new system, citations are added to the next month's MEDLINE "hold" file almost daily, generating Dates of Entry (DA) for almost every working day of the month.

Generally, this increase in the number of MEDLINE Dates of Entry (DA) should be of little consequence to most searchers. Searchers who might use Dates of Entry (DA) when limiting searches will be unaffected in normal ranging operations (e.g., using a FROM YYMMDD TO YYMMDD (DA) statement). Remember that a Date of Entry (DA) value is not the same as the Entry Month (EM). The DA is about 1½ to 2 months earlier than the EM.

HISTLINE  
KEYWORDS/  
FACTSHEET

- Copies of the revised Guide to Keywords in the Structured HISTLINE Vocabulary, as well as a new factsheet describing the HISTLINE database, are available free of charge from the MEDLARS Management Section. Please include a self-addressed label with each request. No postage is necessary.

CLINPROT  
INDEX TERM  
LIST

- The CLINPROT Index Term listing for December 1984 is now available. It may be requested by writing Jim Carter, International Cancer Information Center, R.A. Bloch Building, Bethesda, Maryland 20205, or the MEDLARS Management Section.

*PLEASE ACCESS FILE INFORM AND TYPE NEWS TO SEE THE MOST  
RECENT NEWS ITEM ONLINE!*

PDQ UPDATE

Dianne E. Tingley and James W. Carter  
National Cancer Institute

Since a user-friendly version of PDQ first went up in March 1984, there have been numerous enhancements to the system's capabilities. For nearly the first three months of its existence, it was available to only a limited number of users as a test file. By the end of May, access with special PDQ passwords had been granted to over 2,000 domestic users of the MEDLARS network associated with direct patient care. Since September, nearly 100 physicians identified by the National Cancer Institute (NCI) have gained access through special MEDLARS PDQ codes. As usage has increased, NCI has implemented major enhancements as well as some fine tuning of the system.

This past summer, NCI increased the number of synonyms and acronyms in the vocabulary that will map to the more than 80 types of tumor diagnoses in the cancer treatment and protocol files. For example, if the acronym ALL is entered, the system will map to adult acute lymphocytic leukemia and to childhood acute lymphocytic leukemia. The user is then able to choose between the two.

Early this fall, NCI enhanced the menus of the physician, organization and protocol files, making it possible to narrow retrieval to discrete subsets in a fashion similar to the use of the Boolean AND in ELHILL. In the physician file, it is now possible to narrow retrieval by medical specialty, state, city and/or zip code. In the protocol file, it is possible to narrow by diagnosis, state of the disease, phase of the protocol, treatment modality, and even the names of specific drugs used.

In the near future, NCI plans to add a HELP command to clarify problems and answer questions that the user may have while online. NCI also expects to enhance the printing capabilities of the physician, organization and protocol files to allow users to print pre-selected portions without having to browse through individual names or titles to request detailed profile information.

A drug information database is to be added that would contain specific information on drugs used in cancer chemotherapy. Also, drug dosage modification information is to be added to protocols in the future.

The original PDQ user manuals that were sent to the more than 2,000 members of the MEDLARS network have been revised. A copy of the updated manual may be requested from the MEDLARS Management Section or from the PDQ Coordinator, National Cancer Institute, R.A. Bloch International Cancer Information Center, Bethesda, MD 20205. This manual will become available for online access and printing in early 1985. Future updates will be made available online.

Any user who would like to demonstrate PDQ before a group of physicians at his or her online center should contact Jana Johnston at the R.A. Bloch Building (301) 496-7403, for a demonstration code that will allow access to the system for one day at no cost. Public relations kits are also

available, containing materials useful for announcing PDQ in library newsletters or other media.

The user-friendly version of PDQ has enabled NCI to structure its four files (cancer treatment, physicians, organizations, and protocols) into an integrated format. Since this has been successfully accomplished, NCI has dropped the PDQ/Directory file on ELHILL effective December 10, 1984, and will drop the original ELHILL PDQ file on protocols in March 1985.

Early in 1985, PDQ will become available outside the United States to all MEDLARS centers which access the NLM databases online. In approximately January 1985, BRS/Saunders Colleague will join NLM as a vendor of PDQ.

The National Cancer Institute considers PDQ to be a user-driven system. Anyone having questions or comments should not hesitate to contact NCI so that PDQ's capabilities may continue to be improved. Any users who are uncertain as to whether they have received a special code to access the user-friendly version of PDQ may call the MEDLARS Management Section for confirmation.

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#### RPROJ SUBFILE UPDATED IN TOXLINE

Carolyn G. McHale  
Specialized Information Services, NLM

The research projects (RPROJ) subfile of TOXLINE used to be obtained as a "toxicology subset" of the Smithsonian Science Information Exchange (SSIE) database. However, since the SSIE was discontinued in 1981, NLM has not been able to update this subfile. We are pleased to report that an agreement with the Division of Research Grants (DRG) of the National Institutes of Health (NIH), will make it possible to carry a subset of DRG's CRISP (Computer Retrieval of Information on Scientific Projects) in the RPROJ segment of TOXLINE. This will take effect with the 8412 (EM) update on December 17, with the addition of 4,518 records.

CRISP is a comprehensive system developed and maintained to facilitate the rapid dissemination of up-to-date, in-depth scientific information about research projects supported through the various research grants and

contracts programs of the Public Health Service, or conducted intramurally by NIH and the National Institute of Mental Health. Each funded project is indexed by DRG staff scientists on the basis of applications or progress reports for extramural research projects, and annual reports or project narratives for intramural research. Records in CRISP are maintained by fiscal year. Projects are indexed with terms from DRG's Medical and Health Related Thesaurus to reflect the research area, disease, research subject, and materials and methods.

A toxicology profile based on these index terms is used to select research projects from CRISP that are within the scope of TOXLINE. Index terms appear in TOXLINE's Keywords (KW) field where they are directly searchable. As is routinely the case in TOXLINE, the terms are also searchable as single-term Text Words (TW) along with the terms from the Abstract and Title fields.

Projects funded during the 1983 Fiscal Year have now been added to TOXLINE. This information will be updated in the Spring of each year. All RPROJ records older than two years will be removed from TOXLINE during the biannual file regeneration.

NLM will continue its efforts to obtain other research projects information in order to approximate the coverage previously achieved through use of the SSIE database. Negotiations to this end are under way with the National Technical Information Service to obtain a relevant subset of its FEDRIP (Federal Research In Progress) database, and also with other agencies that either do or sponsor research in toxicology and related fields.

All CRISP records will contain the following data elements:

<u>Data Element Abbreviation</u>	<u>Data Element Name (Comments)</u>
AB	Abstract
AD	Address (of Principal Investigator)
AU	Author (i.e., Principal Investigator)
AW	Award Type (C = Contracts; A = Intramural; G = Grants)
CY	Country (or State of Principal Investigator)
EM	Entry Month
ID	Identification Number (of Research Project)
KW	Keywords (CRISP Indexing Terms)
LA	Language (always contains "ENG")
PT	Publication Type (always contains "Research")
SA	Supporting Agency (at NIH)
SI	Secondary Source ID
SO	Source (always contains "CRISP Database National Institutes of Health")
TI	Title (of Research)
YR	Year (Fiscal Year of funding)
ZP	Zip Code (of Principal Investigator)

A sample record from this subfile is shown below:

SI - CRISP/84/AI20060-01  
 AU - PATTERSON R  
 AD - NORTHWESTERN UNIV MED SCHOOL, 303 EAST CHICAGO AVENUE, CHICAGO,  
 ILLINOIS 60611  
 TI - Animal models of asthma and occupational lung disease  
 (monkeys, dogs)  
 SO - Crisp Data Base National Institutes Of Health  
 PT - Research  
 AW - G  
 CY - ILLINOIS  
 ID - 1R01AI20060-01  
 SA - U.S. DEPT. OF HEALTH EDUCATION & WELFARE; PUBLIC HEALTH  
 SERVICE; NATIONAL INST. OF HEALTH, NATIONAL INSTITUTE OF  
 ALLERGY AND INFECTIOUS DISEASES  
 ZP - 60611  
 LA - ENG  
 AB - RPROJ/CRISP This project incorporates studies on immunologic  
 and cellular events during induction of IgE mediated airway  
 responses in rhesus monkeys by ascaris infestation. The  
 current colony of asthmatic monkeys will be maintained and  
 antigen induced airway responses compared to responses induced  
 by metabolites of arachidonic acid such as leukotrienes C4,  
 D4, E4. Inhibitors of phospholipase A, which releases  
 arachidonic acid, will be evaluated as inhibitors of primate  
 antigen induced asthma. Inhibitors of the lipoxigenase  
 metabolic pathway of arachidonic acid metabolism which would  
 inhibit production of leukotrienes will be evaluated as  
 inhibitors of asthma. Finally, antagonists of leukotrienes  
 will be analyzed as they are made available. Other potential  
 therapeutic agents for asthma will be studied as they are  
 evolved in other laboratories. This primate model of asthma  
 will thus be used to evaluate basic immunologic mechanisms and  
 as a pharmacologic model for inhibition of primate asthma as a  
 step in evolution of therapeutic agents for human IgE mediated  
 asthma. Occupational immunologic lung diseases of several  
 types have been described and immunologic correlations made  
 using chemical-protein conjugates. Serial studies can be  
 done in workers but frequent studies, sequential bronchial  
 challenge and evaluation of possible mechanisms are difficult  
 to carry out, particularly at distant plant sites. For these  
 reasons, animal models of trimellitic anhydride (TMA),  
 diphenylmethane diisocyanate (MDI) and toluence diisocyanate  
 (TDI) are being established. Dogs are utilized as a large  
 animal suitable for repeated pulmonary function studies and  
 because they make IgE antibody against inhaled antigens.  
 Preliminary studies indicate that dogs can be used as models  
 of TMA, MDI and TDI pulmonary disease. These models will be  
 expanded and correlations of various immunologic and bronchial  
 challenge responses made. Local pulmonary response to inhaled  
 haptens will be measured and correlated with systemic  
 responses and studies of methods of control of antibody  
 responses will be initiated.  
 KW - ENZYME INHIBITORS  
 FW - FATTY ACIDS, UNSATURATED, LEUKOTRIENES  
 FW - GLOBULINS, GAMMA GLOBULINS, IMMUNOGLOBULIN E  
 KW - HYPERSENSITIVITY, RESPIRATORY HYPERSENSITIVITY, ASTHMA  
 FW - IMIDAZOLES, HISTAMINE LIBERATION  
 KW - IMMUNOLOGICAL SCIENCES STUDY SECTION  
 FW - IMMUNOLOGY, HAPTENS  
 FW - MODELS, DISEASE MODELS  
 FW - OCCUPATIONAL HEALTH, OCCUPATIONAL DISEASES  
 KW - PHOSPHOLIPASE, LECITHINASE A  
 FW - RESPIRATORY DISORDERS, LUNG DISORDERS (GENERAL)  
 FW - THERAPY EVALUATION  
 KW - CRISP  
 FW - RPROJ  
 EM - 8412

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INDEXING OF LETTERS, EDITORIALS AND NEWS

Michele Alsheimer  
MEDLARS Management Section, NLM

A number of searchers have expressed interest in NLM's indexing policy on the selection of letters, editorials, and news. The following is a general summary of the policy. Searchers should refer to the MEDLARS Indexing Manual Section 4.6 for the Index Medicus selection policy in general, and to Section 14.5.1+ for the policy on letters, editorials, and news.

Letters to the editor that are: substantive; contain case reports; report adverse effects of drugs and procedures; report on activities of official committees, study groups, or task forces; or note factual errors in a previously published article will be indexed. The rubric [letter] will be appended to the article title (appearing in the TI field) unless the letter is judged to be equal in substance to a standard article. On occasion, several letters on one subject may be indexed as a group, using the title provided by the journal's editor. In these cases, no author is listed.

Editorials from JAMA, the New England Journal of Medicine, the British Medical Journal, and Lancet are indexed. Substantive editorials from other journals will be indexed also. The rubric [editorial] will be added to the title (as above) unless the editorial is judged to be the equivalent of an article.

News from JAMA, Science, and Nature will be indexed selectively, based on scope. Material in sections of other journals labeled by the editor as "News" is indexed only if substantive. Substantive news will generally be on timely, important, sometimes controversial subjects of interest to both the general public and the scientific community. The rubric [news] will be used unless the news, like some substantive letters and editorials, is judged to be equal to an article.

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ERRATA TO 1985 ANNOTATED ALPHABETIC MESH

Robin R. Chivers, M.B., B.S.  
MeSH Section, NLM

1. CYTOKINESIS

p. 183 Change CYTOKINESIS see CELL CYCLE  
to CYTOKINESIS see CELL DIVISION

Change accompanying tree numbers  
to G4.335.135.220+ G5.148.165.220+  
G7.553.135.220+

p. 127 Under CELL CYCLE  
Delete X CYTOKINESIS

Under CELL DIVISION  
Add X CYTOKINESIS

2. PL97-248

p. 571 Delete PL97-248

p. 567 Add PL97-248 between PL93-641 and PLACEBOS

3. PRE-EXPLOSIONS. Change AD in Online Note to A#D

p. 80 BEHAVIOR AND BEHAVIOR MECHANISMS (NON MESH)  
BEHAVIOR AND MENTAL DISORDERS (NON MESH)

p. 474 MOUTH AND TOOTH DISEASES (NON MESH)

p. 659 SIGNS AND SYMPTOMS (NON MESH)

4. SHORT FORMS

p. XI Change PREOPERATIVE PG  
to PREOPERATIVE PREOP

Add PROSTAGLANDIN(S) PG

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SERIALS UPDATE

INDEXED TITLES UPDATE, DECEMBER 1984

The following titles cited in MEDLINE, HEALTH, and POPLINE have been recently selected for indexing, deselected, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose indexing status has changed since the last UPDATE. More detailed information about each title may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, (301) 496-1276, Technical Services Division, NLM.

TITLES SELECTED FOR INDEXING, NOVEMBER 1984

IM ALCOHOL AND ALCOHOLISM  
 ALCOHOL ALCOHOL  
 18N1,1983--  
 PERGAMON  
 OXFORD ENGLAND  
 CONTINUES: BRITISH JOURNAL ON ALCOHOL AND  
 ALCOHOLISM.  
 INDEXING BEGAN WITH V19N1,1984.  
 W1 AL303D 0735-0414  
 A20240500 JTC: AAL

HLI FRONTIERS OF HEALTH SERVICES MANAGEMENT  
 FRONT HEALTH SERV MANAGE  
 IN1,SEP 1984--  
 HEALTH ADMINISTRATION PRESS  
 ANN ARBOR MI UNITED STATES  
 INDEXING BEGAN WITH V1N1,SEP 1984.  
 ON ORDER 0748-8157  
 SR0051209 JTC: FHS

IDL DENTAL THERAPEUTICS NEWSLETTER  
 DENT THER NEWSL  
 IN4 MAY,1984--  
 DENTAL THERAPEUTICS NEWSLETTER  
 DETROIT MI UNITED STATES  
 INDEXING BEGAN WITH V1N4,MAY 1984.  
 ON ORDER  
 SR0052113 JTC: DEO

INI PERSPECTIVES  
 PERSPECTIVES  
 IN1,1977--  
 GERONTOLOGICAL NURSING ASSOCIATION  
 TORONTO CANADA  
 OFFICIAL PUBLICATION OF THE GERONTOLOGICAL  
 NURSING ASSOCIATION.  
 INDEXING BEGAN WITH VOL.8 NO.1,1984.  
 IN PROCESS  
 SR0051209 JTC: OZL

TITLE CHANGES, NOVEMBER 1984

IDL NATIONAL DENTAL ASSOCIATION JOURNAL  
 NATL DENT ASSOC J  
 41N1,1984--  
 NATIONAL DENTAL ASSOCIATION  
 WASHINGTON UNITED STATES  
 CONTINUES: QUARTERLY OF THE NATIONAL  
 DENTAL ASSOCIATION.  
 IN PROCESS  
 SR0052001 JTC: NDA

IM PLUCNE BOLESTI  
 PLUCNE BOLESTI  
 36N1-2,1984--  
 YUGOSLAV ASSOCIATION OF PHTHYSIOLOGY AND  
 PNEUMOLOGY  
 BELGRADE YUGOSLAVIA  
 ARTICLES IN CROATIAN; SUMMARIES IN CROATIAN  
 AND ENGLISH. CALLED ALSO: RESPIRATORY  
 DISEASES. CONTINUES: PLUCNE BOLESTI I  
 TUBERKULOZA.  
 W1 PL266W 0370-0380  
 SR0052021 JTC: P9U

IM REPORT / GROUP FOR THE ADVANCEMENT OF  
PSYCHIATRY  
REP GROUP ADV PSYCHIATRY  
NO.116,1984--  
BRUNNER/MAZEL  
NEW YORK UNITED STATES  
CONTINUES: PUBLICATION - GROUP FOR THE  
ADVANCEMENT OF PSYCHIATRY.  
IN PROCESS  
SR0052166 JTC: RBI

IM PUBLICATION - GROUP FOR THE ADVANCEMENT OF  
PSYCHIATRY  
PUBL GROUP ADV PSYCHIATRY  
9,NO.97;NOV,1976-11N115,MAY 1983  
GROUP FOR THE ADVANCEMENT OF PSYCHIATRY  
NEW YORK UNITED STATES  
CONTINUES REPORT - GROUP FOR THE  
ADVANCEMENT OF PSYCHIATRY. CONTINUED BY:  
REPORT / GROUP FOR THE ADVANCEMENT OF  
PSYCHIATRY.  
WI PU675N 0149-2640  
P59020000 JTC: QJB

IM PLUCNE BOLESTI I TUBERKULOZA  
PLUCNE BOLESTI TUBERK  
21,1969-35N1-4,1983  
YUGOSLAV ASSOCIATION OF PHTHISIOLOGY AND  
PNEUMOLOGY  
BELGRADE YUGOSLAVIA  
CONTINUES TUBERKULOZA. CONTINUED BY:  
PLUCNE BOLESTI.  
WI PL267 0370-0380  
P16800000 JTC: P9V

IDL QUARTERLY OF THE NATIONAL DENTAL ASSOCIATION  
Q NATL DENT ASSOC  
18,1959-40,1981-82?  
NATIONAL DENTAL ASSOCIATION  
LOS ANGELES UNITED STATES  
CONTINUES: BULLETIN OF THE NATIONAL DENTAL  
ASSOCIATION. CONTINUED BY: NATIONAL  
DENTAL ASSOCIATION JOURNAL.  
WI QU422 0027-9145  
Q02020000 JTC: QLG

TITLES NO LONGER INDEXED AS OF NOVEMBER 1984

IM CARDIOVASCULAR RESEARCH CENTER BULLETIN  
CARDIOVASC RES CENT BULL  
1,1962-22N1,JUL-SEP 1983  
BAYLOR UNIVERSITY COLLEGE OF MEDICINE  
HOUSTON TX UNITED STATES  
WI CA773 0008-6371  
C07680000 JTC: COV

IDL SOUTH CAROLINA DENTAL JOURNAL  
SC DENT J  
2,1944-41N1,SUMMER 1983?  
SOUTH CAROLINA DENTAL JOURNAL  
GREENVILLE SC UNITED STATES  
SUPERSEDES JOURNAL OF THE SOUTH CAROLINA  
DENTAL ASSOCIATION. ABSORBED PALMETTO  
STATE DENTAL JOURNAL IN 1944.  
WI S09128 0049-1489  
S32160000 JTC: UC3

INI INFECTION CONTROL AND UROLOGICAL CARE  
INFECT CONTROL UROL CARE  
2,JAN/FEB 1977-8N2,1983?  
TRAVENOL LABORATORIES  
DEERFIELD IL UNITED STATES  
CONTINUES INFECTION CONTROL IN UROLOGICAL  
CARE. SPONSORED MAY/JUNE 1977- BY THE  
MEDICAL PRODUCTS DIVISION.  
WI IN406E 0740-3615  
I12930000 JTC: GN4

HLI SPRINGER SERIES ON HEALTH CARE AND SOCIETY  
SPRINGER SER HEALTH CARE SOC  
1,1977-7,1982  
SPRINGER VERLAG  
NEW YORK UNITED STATES  
WI SP685S 0748-0334  
S36706000 JTC: VCK

HLI PRACTICE DIGEST  
PRACT DIG  
1,JUN,1978-7N3,WINTER 1984  
NATIONAL ASSOCIATION OF SOCIAL WORKERS  
ALBANY NY UNITED STATES  
WI PR155G 0161-0287  
P21800000 JTC: PHE

NEW SERIALS AND TITLE CHANGES ANNOUNCEMENT, NON-INDEXED TITLES -- NOVEMBER 1984

The following substantive serial titles were received or ordered by the Serial Records Section. Titles indexed for MEDLINE, HEALTH, and POPLINE are listed in the "INDEXED TITLES UPDATE" section. ON ORDER, IN PROCESS, or an actual NLM call number appears at the bottom of the entry. Please include the NLM call number on interlibrary loan requests. Of course, NLM cannot fill loans for titles not yet received by the Library. The list is offered as an early announcement and will include price information if known. Information provided is not authorized NLM cataloging data. For further information, contact Ms. Janice Lennox, (301) 496-1276, Technical Services Division, NLM.

ADVANCES IN THE BEHAVIORAL MEASUREMENT OF  
CHILDREN  
1,1984--  
JAI PRESS  
GREENWICH CT UNITED STATES  
ON ORDER  
SR0051988

AUDIOLOGY  
1982?--  
GRUNE AND STRATTON  
NEW YORK UNITED STATES  
ON ORDER  
SR0052058

CRC CRITICAL REVIEWS IN CLINICAL  
NEUROBIOLOGY  
1,1984--  
CRC  
BOCA RATON FL UNITED STATES  
ON ORDER  
SR0051965

DENTAL-MAGAZIN  
1,1983--  
DENTAL-MAGAZIN VERLAGSGESELLSCHAFT  
LEINFELDEN-ECHTERDINGEN GERMANY, WEST  
ON ORDER  
SR0052040

DOMESTIC ANIMAL ENDOCRINOLOGY  
1N1, JAN 1984--  
DOMENDO  
AUBURN AL UNITED STATES  
ON ORDER  
SR0052014 \$40.00  
DEPT. OF PHYSIOLOGY AND PHARMACOLOGY,  
SCHOOL OF VETERINARY MEDICINE, AUBURN  
UNIVERSITY, AUBURN AL 36849

FOUNDATION OF THANATOLOGY SERIES  
1,1984--  
PRAEGER PUBLISHERS UNITED STATES  
NEW YORK  
IN PROCESS  
SR0052120  
EARLIER VOLS. WERE UNNUMBERED AND PUBLISHED  
BY COLUMBIA UNIVERSITY PRESS.  
PRAEGER PUBLISHERS, 521 FIFTH AVENUE, NEW  
YORK NY 10175

JOURNAL OF FINEAL RESEARCH  
1,1984--  
LISS UNITED STATES  
NEW YORK  
ON ORDER  
SR0051966

JOURNAL OF ENVIRONMENTAL RADIOACTIVITY  
1,1984--  
ELSEVIER APPLIED SCIENCE PUBLISHERS  
LONDON ENGLAND  
ON ORDER  
SR0051960

OXFORD SURVEYS IN EVOLUTIONARY BIOLOGY  
1984--  
OXFORD UNIVERSITY PRESS ENGLAND  
OXFORD  
ON ORDER  
SR0051959 \$50.00