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The NLM Technical Bulletin

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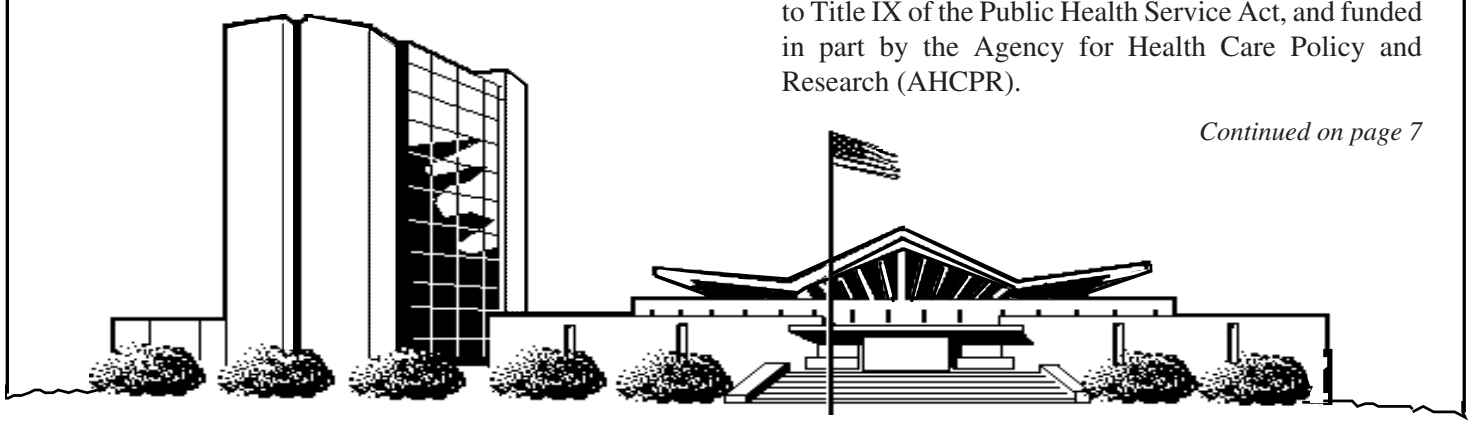
NLM launches HSTAR: a new MEDLARS® database

Introduction

Health services research (HSR) is the study of the scientific basis and management of health services and their effect on access, quality, and cost of health care. Health services research includes evaluation, planning, quality assessment and assurance, health technology assessment, clinical practice guidelines, and health services research methods.

In June 1993, the National Institutes of Health Revitalization Act was signed into law. The National Library of Medicine received a congressional mandate to establish a National Information Center on Health Services Research and Health Care Technology (NICHSR). NICHSR continues and expands on the work started by the Office of Health Services Research Information, established at NLM in mid-1990 in response to Title IX of the Public Health Service Act, and funded in part by the Agency for Health Care Policy and Research (AHCPR).

Continued on page 7



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The NLM Technical Bulletin is an administrative document sent to formal members of NLM's MEDLARS Online Network.

ELHILL® COMPUTER

MEDLARS® DATABASE	TOTAL RECORDS	DATES COVERED	DATE LAST UPDATED	LATEST UPDATE TAG
AIDSDRUGS	171		19 JUN 93	9306(EM)
AIDSLINE®**	83,751	JAN 80-OCT 93	07 AUG 93	9310(EM)
AIDSTRIALS	504		31 JUL 93	9307(EM)
AVLINE®	25,577	THRU 1993	05 AUG 93	
BIOETHICSLINE®	39,249	JAN 73-AUG 93	23 JUL 93	9308(EM)
BIOTECHSEEK	3,720	JAN 90-SEP 93	07 AUG 93	9309(EM)
CANCERLIT®	980,143	JAN 63-AUG 93	07 AUG 93	9308(EM)
CATLINE®	716,158	THRU 1993	05 AUG 93	
CHEMID	267,994		06 FEB 92	
CHEMLINE®	1,170,493		20 FEB 93	9302(EM)
DENTALPROJ™	786		02 MAY 92	
DIRLINE®	14,778		15 MAY 93	
DOCUSER®	13,836		14 JUL 93	
HEALTH	685,042	JAN 75-AUG 93	03 JUL 93	9308(EM)
HISTLINE®	111,339		07 AUG 93	9308(EM)
MEDLINE®*	1,254,234	JAN 90-OCT 93	07 AUG 93	9310(EM)
MED85	1,687,582	JAN 85-DEC 89	03 AUG 93	
MED80	1,388,631	JAN 80-DEC 84	24 JUL 93	
MED75	1,278,668	JAN 75-DEC 79	17 JUL 93	
MED66	1,986,323	JAN 66-DEC 74	19 JUN 93	
MESH VOCABULARY FILE®	89,852	1993	05 AUG 93	
NAME AUTHORITY FILE®	390,659		31 JUL 93	
PDQ®		THRU AUG 93	29 JUL 93	
POPLINE®	200,120	1970-AUG 93	07 AUG 93	9308(EM)
SDILINE®	33,353	SEP 93	31 JUL 93	9309(EM)
SERLINE®	81,587	THRU JUN 93	10 JUL 93	
TOXLINE®	1,190,823	1981-1993	10 JUL 93	9307(EM)
TOXLINE65	705,394	PRE 1965-1980	03 APR 93	
TOXLIT®	1,174,991	1981-1993	12 JUL 92	9307(EM)
TOXLIT65	586,405	1965-1980	01 SEP 87	

*N.B. FILE IS UPDATED WEEKLY; THIS IS PART 1 OF 5.
**N.B. FILE IS UPDATED WEEKLY; THIS IS PART 1 OF 4.

TOXNET® COMPUTER

CCRIS	4,624	22 JUL 93	
DART™	17,384	04 AUG 93	
EMIC	5,136	03 AUG 93	
EMICBACK	75,886	08 SEP 92	
ETICBACK	49,593	08 JUL 90	
GENE-TOX	2,919	21 OCT 92	
HSDB®	4,372	29 JUN 93	
IRIS	647	02 AUG 93	
RTECS®	120,225	13 MAY 93	
TRI87	79,437	03 AUG 93	
TRI88	85,974	03 AUG 93	
TRI89	85,522	04 AUG 93	
TRI 90	84,317	06 AUG 93	
TRI91	82,294	20 MAY 93	
TRIFACTS	326	10 APR 92	

Technical Notes

CHEMLINE, TOXLIT price changes

On February 1, 1994, the pricing structure of CHEMLINE and the TOXLIT files (TOXLIT and TOXLIT65) will be modified in response to changes in the 1994 royalty rates charged by Chemical Abstracts Service (CAS), the supplier of proprietary data for these files.

To accommodate these changes, the NLM Online Pricing Algorithm has been updated in the Search Statement Charge and Citation Charge components for CHEMLINE, TOXLIT and TOXLIT65. CAS continues not to charge a Connect Charge royalty, and adjusted its Online Citation Charge and Search Statement Charge royalties. The latter serves as an estimate of the number of Search Terms used.

Please see Table I on the reverse side of Appendix A for the new NLM rates for the five components of the online algorithm for CHEMLINE, TOXLIT, and TOXLIT65. Additionally, note that offline page charges for these files also have been modified due to changes in royalty charges. Also note that the charge for Automatic SDI service for TOXLIT has been reduced. The NLM portion of all charges has not changed. The online SHOW COST displays have reflected these new charges since January 30, 1994. The new charges for these files have been incorporated into the revised NLM Online Pricing Algorithm Chart in Appendix A.

MEDLARS monthly billing to move to quarterly

The MEDLARS billing cycle will soon change from monthly to quarterly. Billing charges incurred in April, May, and June (1994) will be reflected in an invoice or statement of account sent by NTIS in early July. The summary sheet will contain the cumulated charges for all three months. Separate transaction detail sheets will be included for each month, however. In October, a quarterly invoice or statement will be sent for the months of July, August, and September. Master accounts will continue to receive a summary sheet only for each month of the quarter.

This change represents one way that NLM and NTIS can streamline procedures and reduce government costs in response to Vice-President Al Gore's "Reinventing government" initiative. Secondly, it is "environmentally-friendly" because it requires significantly less paper and postage.

Recently, NLM lowered its online charges by nearly 50%. In January, charges for all AIDS databases and DIRLINE were eliminated as a result of additional AIDS funding. In the coming months, NLM will continue to investigate other cost-savings improvements.

If you work in an organization that pays your MEDLARS searching costs, please pass this announcement on to the staff of the purchasing/accounting department.

If you have any comments or suggestions for billing, including mechanisms, formats, etc. we would like to hear from you. Consider sending us your thoughts on the Compliment/Concern form included as page 47 of this issue.

MMS Service Desk hours change

Beginning January 3, 1994, the MEDLARS Management Service Desk hours are 8:30 a.m. - 11:00 p.m. ET Monday through Friday. Saturday Service Desk hours continue to be 8:30-5:00 p.m. ET.

1994 NLM Update and Online Users' Meeting at MLA

The NLM Update will be held on Monday, May 16 from 10:30 until Noon at the Annual Meeting of the Medical Library Association in San Antonio, TX. The NLM Online Users' Meeting will be a "Lunch and Learn" session on Monday, May 16, from 12:30 to 1:15 p.m. Specific room assignments for both meetings will be announced in the online NEWS and in the next issue of the *Technical Bulletin*.

Plan to visit NLM representatives at the NLM Exhibit Booth (Island G) in the MLA Exhibit Hall!

Publication available from NTIS

To order documents from the National Technical Information Service (NTIS), you may use the order form in Appendix D of this issue of the *Technical Bulletin*. Orders should be sent to:

National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161

Individuals with an NTIS deposit account or a major credit card who wish to order documents by phone may call 800-423-9255 or 703-487-4650. There is a $3.00 (U.S./Canada/Mexico) shipping and handling charge required for each order ($4.00 for other countries), and an additional charge of $7.50 for orders placed with a purchase order. Remittance or deposit account numbers should be sent with all mail orders.

The **1994 List of Serials Indexed for Online Users** (LSIOU), containing over 7,300 serial titles listed alphabetically by abbreviated title is now available from the NTIS. The LSIOU provides bibliographic information on serials and proceedings cited in four MEDLARS files: MEDLINE (including the Backfiles), BIOTECHSEEK, HEALTH, and HSTAR.

Order Number:	PB94-126844/GBB
Hardcopy Price:	$28.00 (U.S/Canada/Mexico)
	$56.00 (other countries)
Microfiche Price:	$15.00 (U.S/Canada/Mexico)
	$30.00 (other countries)

Publications available from GPO

To order publications from the Superintendent of Documents, U.S. Government Printing Office (GPO), you may use the order form in Appendix E of this issue of the *Technical Bulletin.* Orders should be sent to:

New Orders
Superintendent of Documents
P.O. Box 371954
Pittsburgh, PA 15250-7954

Individuals with a deposit account, VISA or MasterCard who wish to order documents by phone may call 202-783-3238. Individuals may FAX orders if they have a deposit account, VISA, MasterCard or Federal Government Purchase Order by calling 202-512-2233. Remittance or deposit account numbers should be sent with all mail orders and, unless otherwise specified, non-U.S. order prices please add an additional 25% to cover postage and handling. To avoid delays, send a separate order for each title requested, and include full title, price and GPO Stock Number (for individual publications) or GPO List ID (for subscriptions).

The following publications may now be ordered from GPO:

The **1993 Cumulated Index Medicus** (CIM), Volume 34, is a 17-volume cumulation of the citations appearing in the monthly issues of Index Medicus (IM) for 1993. CIM contains bibliographic citations from more than 3,000 journal titles, and represents a subset of MEDLINE input into the National Library of Medicine's computer-based MEDLARS system. The anticipated shipping date of CIM from GPO is April 4, 1994. The order number and prices follow:

GPO Stock Number:	S/N 617-052-00308-2
Price:	$301.00 (U.S.)
	$376.25 (non-U.S.)

# # # # #

The **1993 Cumulated Abridged Index Medicus** (CAIM), Volume 24, is a 17-volume cumulation of citations appearing in the monthly Abridged Index Medicus (AIM) for 1993. CAIM contains citations from 119 English-language journals, representing a smaller subset of input into MEDLARS. The anticipated shipping dates from GPO is February 28, 1994 for CAIM. The order number and prices follow:

GPO Stock Number:	S/N 017-052-00316-0
Price:	$94.00 (U.S.)
	$117.00 (non-U.S.)

# # # # #

The 1994 monthly **Index Medicus**, **Abridged Index Medicus**. The annual **Medical Subject Headings** (the "Black & White MeSH) and **List of Journals Indexed in Index Medicus** are furnished as part of the subscription but also may be ordered separately from GPO. Order numbers and price information follow:

Index Medicus

GPO List ID:	IM94
Price for subscription:	$290.00 (U.S.)
	$363.50 (non-U.S.)

Abridged Index Medicus

GPO List ID:	ABIM94
Price for subscription:	$50.00 (U.S.)
	$62.50 (non-U.S.)

Medical Subject Headings
("Black & White MeSH") if ordered separately

GPO List ID:	IM94
Price:	$43.00 (U.S.)
	$53.73 (non-U.S.)

List of Journals Indexed in Index Medicus
GPO List ID: LJI94
Price: $16.00 (U.S.)
$20.00 (non-U.S.)

# # # # #

The National Cancer Institute (NCI) announces the publication of **The Cancer Information Service: A 15-Year History of Service and Research**, Number 14 of the *Journal of the National Cancer Institute Monograph* series. The monograph series contains published proceedings of major conferences on cancer topics. This new *Journal of the National Cancer Institute Monograph* offers a comprehensive look at the past, present, and future direction of the information and education program supported by the National Cancer Institute. GPO order number and price information follow:

The Cancer Information Service: A 15-Year History of Service and Research
GPO Stock Number: 017-042-00299-1
Price: $12.00(U.S.)
$15.00 (non-U.S.)

NLM Catalog of Publications, Audiovisuals & Software Available

A Catalog of Publications, Audiovisuals, & Software is available free of charge from the Office of Public Information, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894; phone 1-800-272-4787 (press #1) or 301-496-6308 or e-mail: publicinfo@nlm.nih.gov. The catalog includes not only brief descriptive information about all MEDLARS tools and other material produced by the National Library of Medicine, but also offers complete ordering and subscription information.

Format changes for Index Medicus and Abridged Index Medicus

Starting with 1994 issues, the sorting for the Author Section of Index Medicus (IM), Abridged Index Medicus (AIM) and the annual cumulations for these indexes has been enhanced. The change is the implementation of secondary sorting using additional criteria to determine order of citation appearance in the Author Section. Previously, the Author Section was alphabetized only by the first author name; there was no additional sort applied to affect the order of citation appearance. This resulted in an apparently random order of citations intermixing singly-authored works with multiply-authored works and see references. Now, after the first author sort, there is a secondary sort on the co-authors. If the string of authors is identical for two or more articles, additional sorting on the journal Title Abbreviation (TA) and Date of Publication (DP) is done. Names as subjects of articles continue to file before the same names as authors (names used as subjects are still enclosed in parentheses as a visual clue). An Author Section citation may provide the names of as many as ten authors of an article; if it has eleven or more authors, "et al." is applied after the tenth author's name. The complete citation is printed only under the first author's name, while the second through the tenth authors' names are cross-referenced to the full citation appearing under the first author's name. All see references now file together after the full citation entries.

Two other format changes have been implemented. Starting with the January 1994 issue of IM and the February 1994 issue of AIM, complete running heads are in the upper right or upper left corner of each page to indicate the last or first MeSH heading on a page. Previously, a long MeSH heading, such as MYCOBACTERIUM AVIUM-INTRACELLULARE INFECTION or PROTO-ONCOGENE PROTEINS C-MYC, may have been truncated to allow room for the name of the publication. Now the publication title and date appear at the page bottom opposite the page number. The second change is that a new procedure for the first book of the Subject Section of Index Medicus to end with the letter P and the second book to begin cleanly with the letter Q has been implemented.

New Bioethics Consultation paper available

The National Reference Center for Bioethics Literature at Georgetown University's Kennedy Institute of Ethics has recently published Bioethics Consultation, Scope Note 23 of their Scope Note Series. The fifteen-page work provides background information and annotated references to recent literature about the work and the personnel in the growing field of medical ethics consultations. Medical ethics professionals strive to

provide ethically well-conceived and philosophically sound solutions to satisfy the patient and others involved in such issues as doctor-assisted suicide, embryo cell cloning, aggressive care of frail elderly, or other questions that fall outside the delivery of clinical health care.

Scope Note 23, by Pat Milmoe McCarrick, also appears in the Kennedy Institute of Ethics Journal 3(4):433-450, December 1993. The separate reprint version, with the complete list of titles in the series, is available for $5.00 prepaid from the Kennedy Institute. Add $3 each for airmail outside North America.

The Scope Note Series offers an overview to topics in biomedical ethics and provides immediate reference to facts, opinions, or legal precedents (if applicable). All sources cited in Scope Notes are included in the collection of the National Reference Center for Bioethics Literature, and may be obtained through its document delivery service (subject to copyright law). Updates to topics covered in the Scope Note Series may be obtained by searching the BIOETHICSLINE database or by calling the National Reference Center for BIOETHICS Literature. Requests or questions should be directed to:

National Reference Center for Bioethics Literature
Kennedy Institute of Ethics
Georgetown University
Washington, DC 20057-1065
1-800-MED-ETHX or 202-687-6738

1994 Tumor Key corrections

As announced in the November-December 1993 *Technical Bulletin*, page 6, a 1994 edition of the Technical Notes: MEDLARS Indexing Instructions, Tumor Key Supplement ("Tumor Key") is now available from the National Technical Information Service (NTIS). The following changes should be made to the new Tumor Key:

page 7 add
adenomyoepithelioma - CARCINOMA, ADENOID CYSTIC
page 49 add
neoplasm, intraepithelial - CARCINOMA IN SITU
page 60 change
sarcoma, synovial (unspecified) - SYNOVIOMA, SYNOVIAL
to
sarcoma, synovial (unspecified) - SARCOMA, SYNOVIAL
page 63 change
tumor, carcinoid, bronchial -NEOPLASMS, VASCULAR TISSUE
to
tumor, carcinoid, bronchial - CARCINOID TUMOR

Correction to CY strategy

The last paragraph of suggested CY search strategies in the September-October 1993 *Technical Bulletin*, p. 20, should read:

For finding ELHILL-indexed citations from journals published in what was formerly Yugoslavia:

9212 (EM) and earlier CY: Yugoslavia
9301 (EM) and later CYs: Bosnia-Herzegovina, Croatia, Slovenia, Yugoslavia

1992 Technical Bulletin Index

The 1992 Index to the *Technical Bulletin* is now available. Requests should be directed to:

1992 *Technical Bulletin* Index
MEDLARS Management Section
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894
Fax: 301-496-0822

Forms enclosed

The following forms are provided for your convenience in this issue of the *Technical Bulletin*. They may be reproduced as needed.

Appendix B: Request for Master Account
Appendix C: Suggestion for Medical Subject Headings Change
Appendix D: NTIS Order Form
Appendix E: GPO Order Form ❑

Continued from page 1

In February 1994, a new ELHILL® database called HSTAR was launched. HSTAR stands for **H**ealth **S**ervices and **T**echnology **A**ssessment **R**esearch. This bibliographic database represents a major step in the Library's overall plan for improving the collection, storage, analysis, retrieval, and dissemination of information on health services research, clinical practice guidelines, and health care technology assessment.

HSTAR was created to expand NLM's online coverage of HSR literature by including materials not previously covered in MEDLARS. HSTAR contains citations to literature of interest to professional health services researchers; administrators; planners; policy makers; federal, state, and third party payers; clinicians with an interest in HSR topics; and medical librarians and information professionals who serve these groups. Before making HSTAR publicly available, NLM provided experimental access to the file to over 80 volunteers, including both search intermediaries and end users.

Database description

HSTAR contains more than 1.29 million post-1984 citations from the MEDLINE, HEALTH, and CATLINE databases. It also contains over 4,000 citations to journal articles, technical and government reports not found in any other MEDLARS database, and within the year, will also include meeting abstracts and references to newspapers. A unique feature of the HSTAR record is that there are two fields related to source information. (See No. 6 below.) When material identified in HSTAR is available from a source in addition to the National Network of Libraries of Medicine, information about the alternate source also appears in the record.

Important features of the current HSTAR file

1. Public availability to users began in February 1994.

2. Online access is charged at MEDLINE rates. (See Appendix A.)

3. The database is accessed by issuing a 'FILE HSTAR' command.

4. Search capabilities are identical to those of MEDLINE, e.g., Author, MeSH heading, subheading, Publication Type.

5. The structure of the file is similar to AIDSLINE, with the addition of new PROCUREMENT SOURCE (PC) and ORDER NUMBER (OD) fields for specially indexed non-journal materials. The unit record is shown in Figure 1.

6. Estimated size is over 1,298,000 citations from 1985 through the 9401 (EM) update.

7. HSTAR is updated weekly with MED (SI)/ MEDLINE citations, monthly with AHA (SI)/HEALTH citations, and CAT (SI)/CATLINE citations, and monthly with citations specially indexed for this database; approximately 15,000 citations are added each month. Sample citations are shown in Figure 2.

8. Grateful Med Version 6.5 (the update) includes HSTAR as a menu choice with a separate Input form Screen. Choose 'Search Other Databases' from the ACTION screen and then select HSTAR from that menu.

9. Loansome Doc may be used for ordering journal literature from HSTAR. The Grateful Med program will offer the O(rder) option for only those citations that are available through Loansome Doc.

Future plans

HSTAR is intended to be a bibliographic database of published literature relating to the quality, access, and evaluation of health care. Future plans include the addition of relevant BIOETHICSLINE citations. Other sources of published literature may also include letters, meeting papers, theses, newsletters, and audiovisuals in any language.

HSTAR search strategy

The HSTAR search strategy for MEDLINE, HEALTH, and CATLINE databases is broadly defined in the table on pages 8 and 9. This table is conceptually representative of the scope of the HSTAR database; however, the actual strategies used to extract references from each of the three databases are quite complex. In general, literature which evaluates patient outcomes and the effectiveness of procedures, programs, products, services, and processes is emphasized. Journal titles presented are sample lists only and are indexed according to policies for each database from which they are extracted, i.e., the titles listed may not be indexed cover-to-cover. ❑

Table summarizing HSTAR search strategy

Coverage Dates:
1985 to present for MEDLINE, HEALTH, and CATLINE

Inclusion Parameters:
health services research, technology assessment, instrumentation, public health, epidemiology (methods), publication types: randomized controlled trial, clinical trial, guideline, practice guideline, consensus development conference (NIH and non-NIH), scientific integrity review

Exclusion Parameters:
clinical studies, biological sciences, pharmacological processes, biotechnology/genetics, disease categories, animal husbandry, veterinary medicine/studies

Subheadings Applied:
adverse effects, analysis, classification, contraindications, history, instrumentation, economics, education, epidemiology, legislation & jurisprudence, nursing, manpower, methods, mortality, organization & administration, psychology, standards, statistics & numerical data, supply & distribution, trends, utilization

MeSH Trees:
E1-Diagnosis; E2-Therapeutics; E3-Anesthesia and Analgesia; E4-Surgery, Operative; E5-Miscellaneous Techniques; E6-Dentistry; E7-Equipment and Supplies; F1-Behavior and Behavior Mechanisms; F4-Disciplines, Tests, Therapy, Services; G2-Health Occupations; G3-Environment and Public Health; I-Anthropology, Education, Sociology and Social Phenomena; J-Technology, Industry, Agriculture; K-Humanities; L-Information Sciences; M-Named Groups; N-Health Care

MEDLINE Sample Journal List:
Biomed Instrum Technol, Biomed Sci Instrum, Consens Statement, Dimens Health Serv, Hastings Cent Rep, Health Aff (Millwood), Health Care Manage Rev, Health Devices, Health Serv Res, Health Technol Assess Rep, Hospitals, Inquiry, Int J Health Serv, Int J Technol Assess, Health Care, J Health Polit Policy Law, J Med Eng Technol, J Med Ethics, J Med Philos, J Public Health Policy, J Soc Health Syst, Law Med Health Care, Milbank Q, Med Care, Natl Inst Health Consens Dev Conf Consens Statement, QRB, Soc Secur Bull, Soc Secur Bull Annu Stat Suppl, Top Health Care Financ, Vital Health Stat (all series except 15 and 20), World Health Stat Q

Table summarizing HSTAR search strategy cont.

HEALTH Sample Journal List:

Adv Data, Adv Health Econ Health Serv Res, Adv Health Econ Health Serv Res Suppl,
Am Econ Rev, AMRO, Brookings Rev, Bull Am Coll Surg, Bus Health,
Chief Inf Off J, Comput Healthc, Empl Benefits J, Eval Health Prof,
Faulkner Grays Med Health, FDA Consum, Fed Regist, Front Health Serv Manage,
Harv Bus Rev, Harv Law Rev, Health Care Financ Rev, Health PAC Bull,
Health Policy Week, Health Serv J, Health Serv Manage Res,
Health Syst Manage, Healthc Bottom Line, Healthc Financ Manage,
Healthc Inform, Healthc Trends Transit, HMO Pract,
Hosp Health Serv Adm, Hosp Mater Manage, Hosp Mater Manage Q,
Hosp Technol Ser, Hosp Top, Int J Health Plann Manage,
Issues Sci Technol, Jt Comm Perspect, J Am Med Rec Assoc,
J Clin Comput, J Clin Eng, J Health Econ, J Healthc Mater Manage,
J Qual Assur, J Rural Health, J State Gov, Med Econ,
Med Group Manage J, MLO Med Lab Obs, Mod Healthc, Newsweek,
QA Rev, Qual Assur Util Rev, Q Rev Econ Bus, Rand J Econ,
Sloan Manage Rev, Soc Policy, Time, Top Health Rec Manage

CATEGORY QUALIFIER	ELEMENT NAME	SEARCH STATUS	PRINT	PRINT FULL	PRINT DL
AA	ABSTRACT AUTHOR	*	N	N	Y
AB	ABSTRACT	TW	N	N	Y
AD	ADDRESS	AD	N	N	Y
AU	AUTHOR	*	Y	Y	Y
BN	ISBN	*	N	N	Y
CA	CALL NUMBER	*	N	Y	Y
CM	COMMENTS	*	Y	Y	Y
CN	CORPORATE NAME	*,TW	Y	Y	Y
CNA	CONFERENCE NAME	*,TW	Y	Y	Y
CO	COLLATION		N	N	Y
CY	COUNTRY	*	N	Y	Y
DA	DATE OF ENTRY	*,R	N	N	Y
DP	DATE OF PUBLICATION	*	N	N	Y
EA	ENGLISH ABSTRACT INDICATOR		N	N	Y
EM	ENTRY MONTH	*	N	N	Y
GMD	GEN MATERIAL DESIGNATION		N	N	Y
GN	GENERAL NOTES		N	N	Y
GS	GENE SYMBOL	*	N	N	N
ID	ID NUMBER	*	N	N	Y
IM	IMPRINT		N	N	Y
IP	ISSUE/PART/SUPPLEMENT		N	N	Y
IS	ISSN	*	N	N	Y
JC	JOURNAL TITLE CODE	*	N	N	Y
KW	KEYWORDS	*	N	Y	Y
LA	LANGUAGE	*	N	Y	Y
LI	SPECIAL LIST INDICATOR	*	N	N	Y
LR	LAST REVISION DATE	*	N	N	Y
ME	MEDIA	*	N	N	Y
MH	MESH HEADINGS	*,MHF,TW	N	Y	Y
MN	MESH TREE NUMBER	*	N	N	N
MI	MONOGRAPHIC INFORMATION	*	N	N	Y
NI	NO-AUTHOR INDICATOR		N	N	Y
OD	ORDER NUMBER	*	Y	Y	Y
PC	PROCUREMENT SOURCE	TW	Y	Y	Y
PG	PAGINATION		N	N	Y
PS	PERSONAL NAME AS SUBJECT	*	N	N	Y
PT	PUBLICATION TYPE	*	N	Y	Y
RF	NUMBER OF REFERENCES		Y	Y	Y
SB	JOURNAL SUBSET	*	N	N	Y
SE	SERIES	*,TW	N	Y	Y
SH	SUBHEADINGS	*	N	Y	Y
SI	SECONDARY SOURCE ID	*	Y	Y	Y
SO	SOURCE		Y	Y	Y
TA	TITLE ABBREVIATION	*	N	N	Y
TI	TITLE	TW,TF	Y	Y	Y
TT	TRANSLIT/VERNAC TITLE		N	N	Y
UI	UNIQUE IDENTIFIER	*,R	N	N	Y
VI	VOLUME ISSUE		N	N	Y
YR	YEAR	*	N	N	N

Figure 1 - HSTAR unit record

KEY:

*	=	DIRECTLY SEARCHABLE	N = NO
TW	=	TEXT WORD SEARCHABLE	Y = YES
TF	=	TITLE FIELD TEXT WORDS	R = RANGEABLE
MHF	=	MESH HEADING FRAGMENTS	
AD	=	ADDRESS FRAGMENT SEARCHABLE	

NOTES:

EM is a four-digit number in the format YYMM. It is used as an update tag for records produced from all subfiles (MEDLINE, HEALTH, CATLINE, and the specially indexed records).

YR is a two-digit number in the format of YY.

AD has been added to MEDLINE citations with the 8801 (EM), to HEALTH citations with the 9008 (EM), and to specially indexed records.

Print AR is also available for this file. It prints the SI,AU,TI,AB,RF,CM, and SO for journal citations and the SI,AU,CN,CNA,TI,AB,RF,SO (SO field contains Imprint, Collation, and Series Note for technical report citations).

Pre-explosions may be used for this database.

Figure 1 - HSTAR unit record cont.

SI - HTA/93904274
AU - Bright RA ; Jeng LL ; Moore RM
TI - National survey of self-reported breast implants: 1988 estimates.
PT - JOURNAL ARTICLE
SO - J Long Term Eff Med Implants. 1993;3(1):81-9.

SI - HTX/93903813
CN - ECRI
T I - Infusion pumps, ambulatory.
PC - Available for purchase from the Circulation Department, ECRI, 5200 Butler Pike, Plymouth Meeting, PA 19462.
PT - ANALYTIC ; TECHNICAL REPORT
SO - In: Healthcare Product Comparison System, Hospital Edition. Plymouth Meeting, PA:: ECRI,: 1991. 13 p.

SI - HTM/93903568
AU - Hotta SS ; Holohan TV
CN - United States. Agency for Health Care Policy and Research. Office of Health Technology Assessment
T I - Procuren: a platelet-derived wound healing formula.
RF - 7 REFS.
OD - PB92-221282:(NTIS)
PC - Limited number of free copies available from AHCPR Publications Clearinghouse, PO Box 8547, Silver Spring, MD 20907. ; Available for purchase from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161.
PT - ANALYTIC ; TECHNICAL REPORT
SO - Rockville, MD:: AHCPR,: 1992. 3 p. (Health technology review;:no. 2)

SI - HTX/93905301
CN - Great Britain. Medical Devices Directorate
T I - ECG recorders: review issue. A review of 22 models.
PC - Available in North America through ECRI, Circulation Department, 5200 Butler Pike, Plymouth Meeting, PA 19462. ; Available free of charge to NHS from NHS Procurement Directorate, Room 423, 14 Russell Square, London WC1B 5EP, England. ; Available for general sale from DH (Leaflets), PO Box 21, Stanmore, Middlesex HA7 1AY, England.
PT - ANALYTIC ; TECHNICAL REPORT
SO - London:: Department of Health,: 1993. 24 p. (Evaluation ;:no. 168)

Figure 2 - Sample records only available in the HSTAR file (displayed with PRT COMPR format)

AIDS information services

!!FREE!! access to AIDSLINE, AIDSDRUGS, AIDSTRIALS and DIRLINE

The National Library of Medicine and its Board of Regents announced free access to the AIDSLINE, AIDSDRUGS, AIDSTRIALS, and DIRLINE databases, at a press conference held on January 25, 1994. A letter announcing this free access was mailed to all members of the National Network of Libraries of Medicine. To receive a copy of the press release, please contact your Regional Medical Library at 1-800-338-7657 or the National Library of Medicine's Public Information Office 1-800-272-4787 (e-mail: publicinfo@occshost.nlm.nih.gov). All access to these four MEDLARS databases is free, retroactive to January 1, 1994 as the result of recommendations made at the NIH HIV/AIDS Information Services Conference (June 1993). Recent increases in NLM's AIDS funding enables the Library to offer this service. All offline processes for these databases (offline prints, OFFSEARCHes, and Automatic SDI search execution and output, either paper or ftp) are also free. Everyone currently registered with a User ID code has automatic free access to these databases using their current code, whether accessing the databases directly using command language or through Grateful Med®. NLM has adjusted the billing and the SHOW COST display on all existing codes to reflect this new policy.

New restricted codes

Special User ID codes restricted to only these four databases are available to community-based organizations, public libraries, hospitals, clinics, and individuals who prefer to limit their search capabilities to only these four free databases. Contact the MEDLARS Service Desk at 1-800-638-8480 (Internet: mms@nlm.nih.gov) for a special application form.

Non-NLM access to these databases

NLM will continue to lease the AIDS databases and DIRLINE to the International MEDLARS Centers and other providers of MEDLARS data. Current licensees will not be charged an annual license fee as long as online access to the databases at NLM remains free. Since there is no usage fee or foreign surcharge associated with these databases, NLM encourages licensees to pass on the lower costs to their users. The pricing policies of the tape licensees to their users are individually determined by the licensees not by NLM.

AIDSLINE update

AIDSLINE was rebuilt with 1994 MeSH and made available on December 22, 1993. As of that date, the file contained 92,011 citations. It contains data from the following sources:

- MEDLINE
- HEALTH PLANNING & ADMINISTRATION (HEALTH)
- CANCERLIT
- CATLINE
- AVLINE
- Meeting abstracts from the Fifth through Ninth International Conference on AIDS
- Meeting abstracts from the 8th through 10th Symposium on Nonhuman Primate Models for AIDS
- AIDS-related abstracts from the 1990, 1991, 1992, and 1993 annual meetings of the American Society for Microbiology

Future plans

The National Library of Medicine is currently testing a program in which citations from BIOETHICSLINE are pulled and converted into a record format compatible with AIDSLINE. This conversion process is being done in two phases. Phase one, which is being tested, will include all AIDS-related, non-journal, BIOETHICSLINE citations. These records will be loaded into AIDSLINE in February-March 1994. The second phase of the program, which will be finalized later in 1994, will convert and load all BIOETHICSLINE AIDS-related journal citations to AIDSLINE format.

1994 search strategy

The strategy outlined in Figure 1, on page 14, reflects the 1994 MeSH vocabulary changes; the terms that are new for the 1994 strategy are shown in boldface type. It is used to pull data from all the MEDLINE Backfiles and all the subfiles listed above. In addition, there are other search strategies used in particular older files specific to the vocabulary used by authors in earlier time periods that are not reproduced here. ❑

SS1= **HTLV-BLV VIRUSES** OR **HTLV-I** OR **HTLV-II** OR
EXPLODE SIMIAN RETROVIRUSES OR
EXPLODE HTLV ANTIBODIES OR EXPLODE HTLV ANTIGENS OR
EXPLODE HIV ANTIGENS OR EXPLODE HTLV INFECTIONS OR
RECEPTORS, HIV OR EXPLODE HIV INFECTIONS OR
AIDS SERODIAGNOSIS OR GENE PRODUCTS, NEF OR
GENE PRODUCTS, REV OR GENES, NEF OR GENES, REV OR
HIV SEROPREVALENCE OR AIDS-RELATED OPPORTUNISTIC INFECTIONS OR
HIV PROTEASE INHIBITORS OR
EXPLODE IMMUNODEFICIENCY VIRUSES, PRIMATE OR
HIV SERONEGATIVITY

SS2= GENE PRODUCTS, RAP OR GENE PRODUCTS, REX OR GENE PRODUCTS, TAX OR
GENE PRODUCTS, VIF OR GENE PRODUCTS, VPU OR GENES, PX OR
GENES, VIF OR GENES, VPU OR GENES, ENV OR GENE PRODUCTS, ENV OR
GENES, VPR OR HIV ENVELOPE PROTEIN GP120 OR
HIV ENVELOPE PROTEIN GP41

SS3= SIMIAN ACQUIRED IMMUNODEFICIENCY SYNDROME OR
IMMUNODEFICIENCY VIRUS, BOVINE OR
FELINE ACQUIRED IMMUNODEFICIENCY SYNDROME OR
IMMUNODEFICIENCY VIRUS, FELINE OR
MURINE ACQUIRED IMMUNODEFICIENCY SYNDROME

SS4= EXPLODE HIV LONG TERMINAL REPEAT OR HIV PROTEASE OR
LYMPHOMA, AIDS-RELATED OR AIDS VACCINES OR
HIV CORE PROTEIN P24 OR CD4-CD8 RATIO

SS5= FAIDS (TW) OR FTLV (TW) OR FELINE (TW) AND AIDS (TW) OR
SRV-1 (TW) OR SRV-2 (TW) OR SRV-3 (TW) OR SRV-4 (TW) OR
SRV-5 (TW) OR SIV (TW) OR SIV-1 (TW) OR SIV2 (TW) OR SIV-2 (TW) OR
SAIDS (TW) OR SRV1 (TW) OR SRV2 (TW) OR SRV3 (TW) OR SRV4 (TW) OR
SRV5 (TW) AND NOT EXPLODE ANTI-INFLAMMATORY AGENTS, STEROIDAL OR
SIMIAN (TW) AND AIDS (TW) OR STLV (TW) OR MAIDS (TW) AND
IMMUNOLOGIC DEFICIENCY SYNDROMES (MH)

SS6= (TW) HIV OR HTLV AND III OR
LYMPHADENOPATHY AND ASSOCIATED AND VIRUS OR
AIDS AND RELATED AND COMPLEX OR LAV OR
HUMAN AND IMMUNODEFICIENCY AND VIRUS OR
HUMAN AND T AND CELL AND LYMPHOTROPIC AND VIRUS AND III OR
AIDS AND ALL RETROVIR: OR ARV OR
HUMAN AND T AND CELL AND LEUKEMIA AND VIRUS AND III OR
HIV AND I OR HIV AND II OR HIV AND III OR HIV1 OR HIV2 OR HIVI OR
HIVII OR HIV-1 OR HIV-2 OR HIVS (TW) OR HIV3 (TW) OR HIV-3 (TW)

SS7= (TA) AIDS RES HUM RETROVIRUSES OR AIDS OR AIDS RES OR
AIDS EDUC PREV OR J ACQUIR IMMUNE DEFIC SYNDR OR
AIDS CLIN REV OR AIDS CARE OR INT J STD AIDS OR
PROG AIDS PATHOL OR **J ASSOC NURSES AIDS CARE**

Figure 1 - AIDSLINE current update strategy (1994)
(new terms are in boldface type)

SS8= GENE PRODUCTS, TAT OR GENES, TAT OR SARCOMA, KAPOSI'S OR
EXPLODE ANTIVIRAL AGENTS OR PNEUMOCYSTIS CARINII OR
PNEUMONIA, PNEUMOCYSTIS CARINII OR NF-KAPPA B OR
CONTACT TRACING OR TRANSCRIPTION FACTOR, SP1 OR
MYCOPLASMA FERMENTANS OR NEEDLESTICK INJURIES OR
PNEUMOCYSTIS CARINII INFECTIONS OR
CD4 IMMUNOADHESINS OR UNIVERSAL PRECAUTIONS OR
NEEDLE SHARING OR EXPLODE CERVIX NEOPLASMS OR
EXPLODE TUBERCULOSIS, PULMONARY OR EXPLODE PNEUMONIA OR
MYCOBACTERIUM AVIUM COMPLEX OR
MYCOBACTERIUM AVIUM-INTRACELLULARE INFECTION OR
EXPLODE GLOVES, PROTECTIVE OR **DENTAL CARE FOR CHRONICALLY ILL** OR
TUBERCULOSIS, MULTIDRUG-RESISTANT OR
DISEASE TRANSMISSION, PATIENT-TO-PROFESSIONAL OR
DISEASE TRANSMISSION, PROFESSIONAL-TO-PATIENT OR
TIDSSKR NOR LAEGEFOREN (TA) OR CDR (LOND ENG REV) (TA) OR
CDR (LOND ENG WKLY) (TA) OR **COMMUN DIS REP CDR REV (TA)** OR
COMMUN DIS REP CDR WKLY (TA)

SS9= (TW) AIDS OR ACQUIRED AND IMMUNODEFICIENCY AND SYNDROME OR
ACQUIRED AND IMMUNE AND DEFICIENCY AND SYNDROME OR
HTLV OR **HIV**

SS10= ANGIOMATOSIS, BACILLARY OR BLASTOCYSTIS INFECTIONS OR
CERCOCEBUS ATYS OR CERCOPITHECUS AETHIOPS OR
DEXTRAN SULFATE OR DIDANOSINE OR DIDEOXYADENOSINE OR
DIDEOXYCYTIDINE OR FLUCONAZOLE OR GANCICLOVIR OR
HIV REV RESPONSIVE ELEMENT OR GIANT CELLS OR
HERPESVIRUS-6, HUMAN OR HLA-DR3 ANTIGEN OR
HLA-DR5 ANTIGEN OR IMMUNOGLOBULINS, INTRAVENOUS OR
LEUKOENCEPHALOPATHY, PROGRESSIVE MULTIFOCAL OR
MASON-PFIZER MONKEY VIRUS OR MENINGITIS, CRYPTOCOCCAL OR
NEUROLEUKIN OR NF-KAPPA B OR ONCOVIRUSES, TYPE D OR
PENTAMIDINE OR PEPTIDE T OR RADIOIMMUNOPRECIPITATION ASSAY OR
RHODOCOCCUS EQUI OR SLOW VIRUS DISEASES OR THYMOPENTIN OR
TOXOPLASMOSIS, CEREBRAL OR TRANSCRIPTION FACTOR, SP1 OR
TRICHOSANTHIN OR TRIMETHOPRIM-SULFAMETHOXAZOLE COMBINATION OR
TRIMETREXATE OR T4 LYMPHOCYTES OR ZIDOVUDINE OR
CYTOMEGALOVIRUS RETINITIS OR **LEUKOPLAKIA, HAIRY** OR
STAVUDINE OR **RIFABUTIN** OR **RIFABUTIN (NM)**

SS11= 8 AND 9 OR 9 AND 10

SS12= ANTIGENS, CD4

SS13= 12 AND 6 OR 12 AND 9

SS14= 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 11 OR 13

Figure 1 - AIDSLINE current update strategy (1994) cont.
(new terms are in boldface type)

AVLINE/CATLINE/ NAME AUTHORITY update

Introduction to changes in CATLINE and AVLINE records as a result of system changes

As the result of a major upgrade to the online cataloging system used at NLM to create and maintain bibliographic records for CATLINE and AVLINE, online users will notice minor changes in records added or maintained on or after December 9, 1993. Some of these changes were instituted in order to develop a more MARC-like bibliographic record format in NLM's internal system.

CATLINE and AVLINE records potentially affected by these changes can be identified as containing either a Date of Entry (DA) or a Last Revision Date (LR) of "931209" (December 9, 1993) or later. Until the entire CATLINE and AVLINE databases are regenerated to institute these changes globally, there will be inconsistencies in the display and searchability of the affected data elements on these records as opposed to records not added or changed on or after December 9, 1993. Importantly, users should be alerted that searching of the specific data elements noted below may not yield reliable or comprehensive retrieval until the databases are regenerated.

Data changes applicable to CATLINE and AVLINE

General Notes (GN)
The General Notes (GN) field data may appear in a different order than previously. Also, notes that indicate the second (and subsequent) series to which a title belongs will now appear in separate occurrences of the SE (Series) field, not in the GN field.

MARC Indicators (MA)
In this field, NLM has discontinued the use of the value "C" indicating the presence of an index and the value "E" indicating that the work is fiction.

Revision Indicator (RI)
The revision indicator "CIP:OP" has been added to the list of possible values of this field. The value "CIP:OP" is used in rare instances to designate a Cataloging-In-Publication title that could not be acquired by NLM before the title went out of print.

Series Title (SE)
The Series Title (SE) field is now multiply occurring. As a result, second (and subsequent) series entries now appear in this field. Previously, because of NLM system constraints, second and subsequent series entries were listed in the General Notes (GN) field. The repeatability of the Series Title (SE) field improves both the retrieval of series in searching and the accuracy of coding of series information in NLM's MARC distributed products.

Unique Identifier (UI)
Because of changes to the format of the Unique Identifier (UI) field in AVLINE discussed below, users should note that it will no longer be possible to distinguish CATLINE from AVLINE records by the absence or presence of the terminal letter "A".

Unique identifiers will NOT be duplicated between CATLINE and AVLINE. Also, records entering CATLINE in a given week will no longer have unique identifiers that are a range of consecutive numbers within the database.

Other File's Unique Identifier (U2)
Only serials (IT value of "S" or "Z") will contain data in the Other File's Unique Identifier (U2) field.

Data changes applicable only to CATLINE

Price (PR)
Price information will be supplied only for bibliographic records initially created for contribution to the Library of Congress Cataloging-in-Publication (CIP) program. These records can be identified by the Encoding Level (EL) value "8".

Status (ST)
The Status (ST) field will not appear on records added to the database or changed on or after December 9, 1993. NLM plans to eliminate this field from CATLINE records globally at a future time.

Item Type (IT)
NLM has discontinued the use of the value "D" indicating "Document". NLM plans to change records globally that previously contained this value to display the value "S" for "Serial".

Notes (NO)
This field will contain only the projected publication date for records cataloged as part of the Cataloging-in-Publication (CIP) program. At present, this field is displayed only upon a specific request by the user as "PRT NO". This field will be included in the "PRINT FULL" and "PRT DETAILED" displays for the database as soon as possible.

Data changes applicable only to AVLINE

AVBIB Control Number (AV)
The AVBIB control Number (AV) field will not appear on records added to the AVLINE database on or after December 9, 1993.

Price (PR)
As described in the accompanying article, price information will no longer be supplied for bibliographic records in AVLINE. However, the note "Loan: Not available from NLM" will continue to be supplied in the Price (PR) field when applicable.

Media (ME)
Media are no longer coded for physical forms not held at NLM. (See page 29 of the March-April 1993 *Technical Bulletin*.)

Media Description (MD)
The following three values are no longer used:

2X2 IN
1-7/8 IPS
1800 RPM

For computer files, NLM has limited the searchable Media Description (MD) values to those computer systems for which equipment is available at NLM:

Apple Computer
IBM Personal Computer
Macintosh (Computer)

Unique Identifier (UI)
The Unique Identifer for all records entering AVLINE for the first time on or after December 9, 1993, consists of seven numerics with NO final alphabetic "A". Existing unique identifiers will not be changed; therefore, older records in the database will continue to display unique identifiers containing the terminal letter "A".

Users should note that it will no longer be possible to distinguish CATLINE from AVLINE records by the absence or presence of the terminal "A". Unique identifiers will NOT be duplicated between CATLINE and AVLINE. Also, records entering AVLINE in a given week will no longer have unique identifiers that are a range of consecutive numbers within the database.

Introduction to changes to CATLINE and AVLINE records as a result of policy changes

Data changes applicable to CATLINE and AVLINE

Call Number (CA)
Beginning with the 1994 cataloging production cycle on December 2, 1993, NLM discontinued its practice of using the conference date in the call number for congress proceedings. The publication date appearing in the imprint is now used in the shelflisted call number for all congress proceedings in conformance with NLM shelflisting practice for most other monographic publications. Note that the affected call numbers appear as alternate suggested call numbers for congress proceedings that receive accession numbers for shelving at NLM. (See article on Accession Number Shelving on page 19 in this issue of the *Technical Bulletin*.)

NLM's previous policy was to use the conference or meeting date in the call number as an indication of the currency of the materials whenever the name of the meeting appeared as an access point in the cataloging record. With the adoption of AACR2 and the Library of Congress Rule Interpretations, congress information is provided on bibliographic records less frequently than in the past. Since the use of the date of the meeting in the call number depended on whether the name of the meeting appeared in the bibliographic record, there was variation in shelflisting practice making the date in the

call number difficult to interpret. Furthermore, it appears that there is more timely publication of most congress proceedings, reducing the importance of indicating currency by the date used in the call number.

Data changes applicable only to AVLINE

Price (PR) - discontinuing price information
With the implementation of the 1994 production year on December 2, 1993, NLM discontinued the provision of price information in cataloging records in AVLINE. This change is intended to reduce the amount of redundant or little used information in the database. The policy is also consistent with the decision, made in June 1993, to discontinue providing price information for printed monographs, except for those cataloged for the Cataloging-in-Publication (CIP) program.

Previously, the Price (PR) field in AVLINE repeated the name of the procurement source and provided loan and sale price information, as well as an order number. If prices were complicated or unknown, the phrase "Write for complete information" was given instead of the actual price. In many instances, when a price was provided, it quickly became out-of-date, and often represented an NLM volume purchase discount price not available to the general public.

Information solicited from medical librarians who use AVLINE frequently, as well as from staff of the NLM Public Services Division, indicated that the price information given in the Price (PR) field was unimportant, but procurement source information provided by the inclusion of the Procurement Source (PC) field was extremely useful for acquisition activities.

As a result of this feedback on the usefulness of price information for audiovisual records, NLM cataloging records in AVLINE no longer include price information. NLM continues to provide procurement source information in the Procurement Source (PC) field to assist the acquisition activities of health sciences libraries.

Note that the Price (PR) field continues to be used on records for computer files to contain the phrase "Not available from NLM." This phrase indicates the exclusion of computer software from NLM interlibrary loan services.

Improvement to searching of Item Type (IT) in AVLINE and CATLINE

As a result of the Year-End regeneration of the CATLINE and AVLINE databases in December 1993, the Item Type (IT) data element was made directly searchable for ALL defined values, including the value "M" for monograph. Prior to this regeneration, monographs could only be searched indirectly, by searching for and eliminating records containing all other possible values of IT.

To search for all monographs in the CATLINE database:

```
SS 1 /C?
USER:
m (it)

PROG:
SS (1) PSTG (537801)
```

The values "B" for book-in-parts, "S" for serial, "Z" for monographic series and "A" for analytic of monographic series, continue to be directly searchable.

Changes to the Name Authority File

As part of the computer systems changes described above, the entire NAME AUTHORITY FILE (NAF) was regenerated in December 1993.

The major change to the NAF is the addition of almost 148,000 local NLM authority records which were previously excluded. Primarily, these records constitute NLM established forms of authority headings which have not yet been evaluated according to current cataloging rules.

With this addition, the database contains nearly 550,000 records. ❑

Accession number shelving of printed monographs in CATLINE

Background

[Editor's Note: This information was previously posted to the following two servers:
Autocat@UBVM.CC.BUFFALO.EDU and
MEDLIB-L@UBVM.CC.BUFFALO.]

Beginning in mid-January 1994 the CATLINE records for the majority of newly cataloged monographs will contain two occurrences of the Call Number (CA) field. NLM will continue to assign fully shelflisted classification numbers for print monographs receiving full cataloging and a suggested classification number for items receiving limited cataloging. In addition to these call numbers, NLM will also assign an accession number used as the shelving number at NLM. As before, the NLM call number will always be identified with the library symbol "02NLM". For health sciences libraries that use an NLM assigned classification number, these will continue to appear in the occurrence of the Call Number (CA) field with the library symbol "0XNLM". (See the Examples.)

Bibliographic records for monographs in CATLINE may display new accession numbers in addition to the alternative subject classification numbers in the Call Number (CA) field on citations released to the database as of the regular weekly update of January 20, 1994.

Impact on users of NLM's collection

Accession number shelving is being implemented to maximize the Library's available space for monographs. Because NLM is a closed stack library, accession number shelving is not expected to affect users of NLM's general collection greatly. As always, users should be sure to cite the NLM call number which is tagged as "02NLM" when requesting items on interlibrary loan; now that number may have a new look as the result of the accession number shelving.

Accession number format

The format of the accession number is the acquisition year (e.g., 1994, 1995) and a one-letter alphabetic, followed by a three-digit accession number. In CATLINE, the accession number appears in the occurrence of the Call Number (CA) field designating the NLM call number that is tagged with the library symbol "02NLM." The suggested alternative call number appears in the Call Number (CA) field tagged with the library symbol of "0XNLM."

Materials designated for limited cataloging and sent to cataloging prior to the implementation of accession numbers for shelving in January 1994 will retain the previous format used for the accession number (e.g., KK487). Materials receiving full cataloging and sent to cataloging prior to the implementation of accession numbers for shelving will be assigned accession numbers using the newly developed format, prefaced by the year "1993".

Individual volumes of serial analytics and multi-part sets that have already been cataloged using W1 or W3 form numbers or classified call numbers are excepted from the new accession number shelving scheme. Newly acquired monographs to be shelved in NLM's Reference or History of Medicine collections will not receive an accession number and will contain only a traditional call number.

Cataloging-in-Publication (CIP) items

NLM will continue to provide fully shelflisted classification numbers for CIP publisher galleys at the time they are cataloged. These call numbers will appear in the Call Number (CA) field tagged with the library symbol "0XNLM".

Until the published item is received at NLM, the "02NLM" Call Number will contain the phrase "Not yet available (P)". When the actual published items are received and sent to NLM's Cataloging Section for upgrading of the CIP bibliographic record, the phrase "Not yet available (P)" will be replaced with an accession number to be used for shelving the item at NLM.

Examples

No changes are being made to the searching or display of call numbers in CATLINE. All occurrences of the Call Number (CA) field are searchable and display in the standard PRINT and PRINT CC formats. The NLM call number, identified with the 02NLM library symbol, will appear as the first occurrence of the CA field; the suggested alternative call numbers if present will appear in subsequent occurrences of the CA with the library symbol 0XNLM.

Title given full cataloging

TI - Facilitating emotional change/G
CA - 1994 A-008:02NLM
CA - [WM 420 G798f 1993]:0XNLM
EL - FULL

Title given limited cataloging

TI - Long-term care insurance/G
CA - 1994 A-123:02NLM
CA - [W 275 AA1]:0XNLM
EL - LIMITED

Cataloging-in-Publication title

TI - Transcultural medicine/G
CA - Not yet available (P):02NLM
CA - [WA 300 Q9t 1994]:0XNLM
EL - CIP

Modification for MARC distribution of CATLINE records

To represent the NLM call number accurately on bibliographic records distributed to subscribers of its USMARC tape service, NLM will output separate occurrences of the call number field (USMARC field 060) for the NLM call number and the suggested alternative number utilizing the indicator values to show the status of the call numbers (00 used to show the internal accession number and 10 used to show the suggested alternate class call number).

Examples:

For the title: Facilitating emotional change

060 00 $a 1994 A-008
060 10 $a WM 420 $b G798f 1993

For the title: Long-term care insurance

060 00 $a 1994 A-123
060 10 $a W 275 AA1

This change will be implemented with the other USMARC format changes and improvements planned for winter 1994. ❑

Did you watch the 1994 NLM update satellite broadcast?

Searchers were trembling in the East and Midwest from the arctic freeze while searchers on the West Coast were trembling from earthquake after-shocks as the 1994 NLM Update Satellite Broadcast aired on Friday, January 21. In spite of Mother Nature, we hope you were able to join us. If not, each Regional Medical Library (RML) will soon have 5 videotape copies of the broadcast (2 hours 28 minutes) available for circulation via interlibrary loan. Copies of "NLM and the Internet," a four minute videotape that was shown during the broadcast, will also be available for loan soon from your RML. Now that you've seen some of our faces, we're anxious to see your faces at MLA in May in San Antonio. ❑

More on MeSH

New MeSH headings

The following MeSH headings have been selected from the new 1994 MeSH headings as items of general interest that you may not have noticed while scanning the listings on pages I-24 through I-88 of the Annotated MeSH or the online MeSH file.

GLOVES, PROTECTIVE
This term is used for gloves worn by anyone **except** physicians and other health personnel. Use GLOVES, SURGICAL to retrieve articles on the gloves worn by health personnel.

FATAL OUTCOME
This term is never a print heading in Index Medicus; therefore, don't * it when searching. Usage is restricted to a single case and should not be confused with the concept of mortality (use the subheading mortality/MO) which is statistical in nature. FATAL OUTCOME is not used to index articles dealing with animal toxicity studies.

JOURNALISM
This applies to medical journalism and therefore should not be coordinated (ANDed when searching) with MEDICINE.

NEOPLASMS, ADIPOSE TISSUE and
NEOPLASMS, CONNECTIVE TISSUE
Please remember that these refer to histologic tumor type and should not be confused with anatomical locations of a tumor.

New MeSH headings may be found in file MeSH. Using the search strategy shown in Figure 1, MeSH Scope Notes (MS) and Annotations (AN) are helpful fields to print.

```
SS 1 /C?
USER:
file mesh

PROG:
YOU ARE NOW CONNECTED TO THE MESH VOCABULARY (1994) FILE.

SS 1 /C?
USER:
(dx) 940101

PROG:
SS (1) PSTG (717)

SS 2 /C?
USER:
prt include ms, an

PROG:
```

• The heading below was selected for illustrative purposes. It is not the first heading retrieved.

```
MH - Gloves, Protective
DC - 1
MN - E7.712.580.375
MN - J1.193.542.375
MS - Coverings for the hands, usually with separations for the fingers, made of various materials, for protection
     against infections, toxic substances, extremes of hot and cold, radiations, water immersion, etc. The
     gloves may be worn by patients, care givers, housewives, laboratory and industrial workers, police, etc.
AN - for patients, lab or indust workers, housewives, police, etc.; do not use /util except by MeSH definition;
     GLOVES, SURGICAL is also available
```

Figure 1 - Searching in File MeSH for the new 1994 headings

See references

There are 15,055 see references in the 1994 MeSH. The following see references in Figure 1 represent some of those newly created for 1994 at the request of MEDLINE users, catalogers and indexers. You may enter a term shown as a see reference at any USER: prompt and you will retrieve on the MeSH heading to which it is mapped. ❑

CLEAN ROOMS	see	ENVIRONMENT, CONTROLLED
HEALTH CAMPAIGNS	see	HEALTH PROMOTION
HOSPITAL SIZE	see	HEALTH FACILITY SIZE
INDUSTRIAL HYGIENE	see	OCCUPATIONAL HEALTH
KICKBACKS	see	FRAUD (formerly see CRIME)
SEXUAL ORIENTATION	see	SEX BEHAVIOR
SEX PREFERENCE	see	SEX

Figure 1 - Some new see references created in 1994

Change to the Service Desk phone mail

The MEDLARS Service Desk phone mail system (1-800-638-8480) will be modified in early March. This change is being made to direct Grateful Med users who call about updates (please see Grateful Med update article, page 23) to a recording giving information about the current version of Grateful Med, and instructions for obtaining updates. The new Main Menu of the phone mail system will have four choices. 1) Introductory information about MEDLARS access and Grateful Med. 2) Information about payments. 3) Information about Grateful Med updates. 4) Connection to a Service Desk representative. Therefore, if you are calling to speak with MEDLARS staff you should press 4 from the Main Menu. We expect that this change will free up Services Desk staff so that we can get to your calls faster! ❑

Grateful Med update

What's new with Grateful Med?

As of December 13, 1993, MEDLINE incorporated the 1994 MeSH vocabulary and there was a new Backfile added for the years 1989 and 1990. In order to accommodate these changes and provide a few new features, NLM will be updating both versions of Grateful Med.

IBM version

Once you have received and installed the IBM 1994 MeSH update, your version number will be 6.5 and the following features will be added:

- HSTAR Input form screen.
  HSTAR stands for Health Services and Technology Assessment Research and contains bibliographic citations focused on the study of health services.

- IRIS Input form screens added to the TOXNET list of databanks.
  IRIS (Integrated Risk Information System) contains health risk and EPA regulatory information on some 650 chemicals. Specifically, the IRIS file provides information on hazard identification and dose-response assessment.

- Searching by Standard Industrial Classification (SIC) codes using TRI Input form screens.
  The TRI (Toxic Release Inventory) Input form screens will now allow searching by SIC codes.

- A new Direct login to TOXNET.
  When you choose to search the TOXNET databanks directly, a new login procedure will bring you to a listing of all the TOXNET files, and then you can select the one you want.

The IBM Version 6.5 update will be mailed to Grateful Med users soon. If you run a search before receiving these disks, you will be prompted by Grateful Med with this message:

> Grateful Med has detected a change in NLM's MEDLINE Backfile configuration. Your copy of Grateful Med does not yet have these updates, but they can be applied at this time.
>
> Apply these updates (Y/n)?

You should answer 'yes' to this prompt so that the Backfile configuration in Grateful Med is updated and matches the MEDLINE Backfiles so that you do not miss searching in the new MED89 file, if pertinent to your search.

The IBM update will be provided only on 3.5" floppy diskettes. To obtain the update on 5.25" floppies, either return the postcard enclosed with the update or call NTIS (Mon. - Fri., 8:30 a.m. - 5:00 p.m., ET) at 1-800-423-9255.

Macintosh version

Once you have received and installed the update, the version number will be 2.1. The problem with saving and printing results, plus a few other problems that were in the initial release of Version 2.0 will be corrected with this update. If you need to use Grateful Med to search the new Backfile before you receive the update, you can temporarily update your Grateful Med by downloading a file, called 'dbs.sea', from the Grateful Med Bulletin Board (GM-BBS). Use your Grateful Med to connect to the GM-BBS by selecting Direct from the Action menu and then selecting the GM-BBS option. This same file, called 'DBS', is available for anonymous ftp from gmedserv.nlm.nih.gov in the /grateful/gm2 directory. ❑

SERIALS UPDATE

INDEXED TITLES UPDATED, NOVEMBER-DECEMBER 1993

The following titles cited in MEDLINE and HEALTH, have recently been selected for indexing, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose status has changed since the last UPDATE.

More detailed information 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-DECEMBER 1993

IM ADVANCES IN CARDIAC SURGERY
ADV CARD SURG
1,1990—
YEAR BOOK MEDICAL PUBLISHERS
CHICAGO IL UNITED STATES
INDEXING BEGAN WITH V4,1993.
W1 AD53CL 0889-5074
SR0066900 JC: BY1

IM ADVANCES IN SPACE BIOLOGY AND MEDICINE
ADV SPACE BIOL MED
1,1991—
JAI PRESS
GREENWICH CT UNITED STATES
INDEXING BEGAN WITH V1,1991.
W1 AD858R
SR0074217 JC: BX7

IM AMERICAN JOURNAL OF CARDIAC IMAGING
AM J CARD IMAGING
1N1,JAN 1987—
GRUNE AND STRATTON
ORLANDO FL UNITED STATES
INDEXING FOR HSR BEGAN WITH V5N1,1991 AND CEASED WITH V8N4,1993. INDEXING FOR IM BEGAN WITH V8N1,1994.
W1 AM448Y 0887-7971
SR0057206 JC: BHK

IM ANNALS OF EPIDEMIOLOGY
ANN EPIDEMIOL
1N1,OCT 1990—
ELSEVIER SCIENCE PUBLISHING COMPANY FOR THE AMERICAN COLLEGE OF EPIDEMIOLOGY
NEW YORK NY UNITED STATES
RUNNING TITLE: AEP.
INDEXING BEGAN WITH V1N1,OCT 1990.
W1 AN574T 1047-2797
SR0067415 JC: BX8

IM ARCHIVES OF FAMILY MEDICINE
ARCH FAM MED
1N1,SEP 1992—
AMERICAN MEDICAL ASSOCIATION
CHICAGO IL UNITED STATES
INDEXING BEGAN WITH V1N1,SEP 1992.
W1 AR455AC 1063-3987
SR0072620 JC: BX6

IM BLOOD PRESSURE
BLOOD PRESS
1,1992—
SCANDINAVIAN UNIVERSITY PRESS
OSLO NORWAY
HAS SUPPLEMENT: BLOOD PRESSURE. SUPPLEMENT. FREQUENCY VARIES.
INDEXING BEGAN WITH V1N1,MAY 1992.
W1 BL661F 0803-7051
SR0073677 JC: BYA
SCANDINAVIAN UNIVERSITY PRESS,P.O. BOX 2959 TOYEN,N-0608,OSLO,NORWAY

IM BLOOD PRESSURE. SUPPLEMENT
BLOOD PRESS SUPPL
1,1992—
SCANDINAVIAN UNIVERSITY PRESS
OSLO NORWAY
SUPPLEMENT TO: BLOOD PRESSURE.
INDEXING BEGAN WITH V1,1992.
W1 BL661K 0803-8023
SR0075878 JC: BX9
SCANDINAVIAN UNIVERSITY PRESS,P.O. BOX 3255 S-103 65,STOCKHOLM,SWEDEN

TITLES SELECTED FOR INDEXING, NOVEMBER-DECEMBER 1993

IM BRAIN PATHOLOGY
BRAIN PATHOL
1,1990—
INTERNATIONAL SOCIETY OF NEUROPATHOLOGY
ZURICH SWITZERLAND
INDEXING BEGAN WITH V1N1,JAN 1991.
W1 BR114M 1015-6305
SR0071360 JC: BYB
INTERNATIONAL SOCIETY OF NEUROPATHOLOGY,P.O. BOX,CH-8033 ZURICH,SWITZERLAND

IM CAMBRIDGE QUARTERLY OF HEALTHCARE ETHICS
CAMB Q HEALTHC ETHICS
1,1992—
CAMBRIDGE UNIVERSITY PRESS
NEW YORK NY UNITED STATES
INDEXING BEGAN WITH V1N1,WINTER 1992.
W1 CA4538G 0963-1801
SR0072221 JC: BYC
CAMBRIDGE UNIVERSITY PRESS,EDINBURGH BUILDING,CAMBRIDGE - CB2 3RL,ENGLAND

IM CLINICAL DYSMORPHOLOGY
CLIN DYSMORPHOL
1,1992—
CHAPMAN AND HALL
LONDON ENGLAND
INCLUDES ABSTRACTS AND SUMMARIES FROM THE UK DYSMOPHOOLOGY CLUB.
INDEXING BEGAN WITH V1N1,JAN 1992.
W1 CL6928 0962-8827
SR0072208 JC: BYD

IM CLINICAL TRANSPLANTATION
CLIN TRANSPLANT
1N1,FEB 1987—
MUNKSGAARD
COPENHAGEN DENMARK
INDEXING FOR HSR BEGAN WITH V4N1,1990 AND CEASED WITH V8N6,1993. INDEXING FOR IM BEGAN WITH V8N1,1994.
W1 CL797KF 0902-0063
SR0057932 JC: BB5

IM CORONARY ARTERY DISEASE
CORON ARTERY DIS
1N1,JAN/FEB 1990—
CURRENT SCIENCE
PHILADELPHIA PA UNITED STATES
FREQUENCY VARIES: BIMONTHLY, VOLS.1-2N1 (1990-JAN/FEB 1991); MONTHLY, VOL.2N2 (APR 1991)- .
INDEXING BEGAN WITH V4N1,JAN 1993.
W1 CO884L 0954-6928
SR0065965 JC: BYW
GOWER ACADEMIC JOURNALS,34 CLEVELAND ST,LONDON W1P 5RB,ENGLAND

IM CURRENT OPINION IN CARDIOLOGY
CURR OPIN CARDIOL
1N1,JAN/FEB 1986—
CURRENT SCIENCE
LONDON ENGLAND
PUBLISHED BY GOWER ACADEMIC JOURNALS, VOLS. 1-3, 1986-1988; AND BY CURRENT SCIENCE, VOL. 4, 1989— .
INDEXING FOR HSR BEGAN WITH V5N1,FEB 1990 AND CEASED WITH V8N6,DEC 1993. INDEXING FOR IM BEGAN WITH V9N1,1994.
W1 CU799GC 0268-4705
SR0056574 JC: BDA
GOWER ACADEMIC JOURNALS,MIDDLESEX HOUSE,34-42 CLEVELAND STREET, LONDON W1P 5FB,ENGLAND

IM DIAGNOSTIC MOLECULAR PATHOLOGY
DIAGN MOL PATHOL
1N1,MAR 1992—
RAVEN PRESS
NEW YORK NY UNITED STATES
CONSTITUTES PART B OF THE AMERICAN JOURNAL OF SURGICAL PATHOLOGY ONLY IN THE SUPPLEMENTARY SENSE.
INDEXING BEGAN WITH V1N1,MAR 1992.
W1 DI258JG 1052-9551
SR0069708 JC: BY3
RAVEN PRESS,1185 AVENUE OF THE AMERICAS,NEW YORK NY 10036

HLI EBRI ISSUE BRIEF
EBRI ISSUE BRIEF
N1,19??—
EMPLOYEE BENEFIT RESEARCH INSTITUTE (EBRI)
WASHINGTON DC UNITED STATES
A MONTHLY PERIODICAL DEVOTED TO EXPERT EVALUATIONS OF A SINGLE EMPLOYEE BENEFIT ISSUE.
INDEXING BEGAN WITH N133,JAN. 1993.
ON ORDER 0887-137X
SR0078874 JC: BW1

IM EUROPEAN JOURNAL OF MEDICINE
EUR J MED
1N1,APR 1992—
PRESSE MEDICALE
PARIS FRANCE
OTHER TITLE: EJM.
INDEXING BEGAN WITH V1N1,APR 1992.
W1 EU72DIC 1165-0478
SR0072501 JC: BYE

TITLES SELECTED FOR INDEXING, NOVEMBER-DECEMBER 1993

IM EUROPEAN JOURNAL OF NEUROSCIENCE
EUR J NEUROSCI
1N1,JAN 1989—
OXFORD UNIVERSITY PRESS ON BEHALF OF THE EUROPEAN NEUROSCIENCE ASSOCIATION
OXFORD ENGLAND
BIMONTHLY, 1989; MONTHLY, 1990- .
INDEXING BEGAN WITH V5N1,JAN 1993.
W1 EU72DIF 0953-816X
SR0065700 JC: BYG
OXFORD UNIVERSITY PRESS INC.,
200 MADISON AVE,NEW YORK NY 10016

IM INSECT MOLECULAR BIOLOGY
INSECT MOL BIOL
1,1992—
BLACKWELL SCIENTIFIC FOR THE ROYAL ENTOMOLOGICAL SOCIETY
OXFORD ENGLAND
INDEXING BEGAN WITH V1N1,1992.
W1 IN456VL 0307-6975
SR0073647 JC: BYH

IM INTERNATIONAL JOURNAL OF NEURAL SYSTEMS
INT J NEURAL SYST
1N1,1989—
WORLD SCIENTIFIC
SINGAPORE SINGAPORE
INDEXING BEGAN WITH V4N1,1993.
W1 IN7698 0129-0657
SR0068932 JC: BY2
US ADDRESS: WORLD SCIENTIFIC PUBLISHERS,
687 HARTWELL ST,TEANECK NJ 07666-5309

IM JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY
J CARDIOVASC ELECTROPHYSIOL
1N1,FEB 1990—
FUTURA PUBLISHING
MOUNT KISCO NY UNITED STATES
CONTINUES: JOURNAL OF ELECTROPHYSIOLOGY.
INDEXING BEGAN WITH V4N1,FEB 1993.
W1 JO575L 1045-3873
SR0066857 JC: BY4
FUTURA PUBLISHING CO.,295 MAIN ST.,
P.O.BOX 330,MOUNT KISCO NY 10549

INI JOURNAL OF CARDIOVASCULAR NURSING
IM J CARDIOVASC NURS
1N1,NOV 1986—
ASPEN PUBLISHERS
FREDERICK MD UNITED STATES
EACH ISSUE HAS ALSO A DISTINCTIVE TITLE.
CALLED ALSO: JCN.
INDEXING FOR INI BEGAN WITH V1N1,NOV 1986.
INDEXING FOR IM BEGAN WITH V9N1,1994.
W1 JO575R 0889-4655
SR0057233 JC: JCN

IDL JOURNAL OF DENTAL SYMPOSIA
J DENT SYMP
1,AUG 1993—
MONTAGE MEDIA
RAMSEY NJ UNITED STATES
SUPPLEMENT TO: PRACTICAL PERIODONTICS AN AESTHETIC DENTISTRY. RUNNING TITLE: STERI-OSS MONOGRAPH EDITION.
INDEXING BEGAN WITH V1,AUG 1993.
IN PROCESS
SR0079110 JC: BXT
MONTAGE MEDIA CORPORATION, STEPHEN E. SWEENEY - PRESIDENT,70 HILLTOP RD.,
RAMSEY NJ 07446

IM JOURNAL OF HEART VALVE DISEASE
J HEART VALVE DIS
1N1,SEP 1992—
ICR PUBLISHERS
PINNER ENGLAND
INDEXING BEGAN WITH V1N1,SEP 1992.
W1 JO67BW 0966-8519
SR0074869 JC: BYI

IM JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY
J INVESTIG ALLERGOL CLIN IMMUNOL
1N1,FEB 1991—
J.R. PROUS
BARCELONA SPAIN
INDEXING BEGAN WITH V1N1,JAN-FEB 1991.
W1 JO727I 1018-9068
SR0070439 JC: BYJ

IM JOURNAL OF VESTIBULAR RESEARCH
J VESTIB RES
1,1990/91—
PERGAMON
NEW YORK NY UNITED STATES
INDEXING BEGAN WITH V1N1,1991.
W1 JO97J 0957-4271
SR0066259 JC: BYK

IM MICROBIAL RELEASES
MICROB RELEASES
1,1992—
SPRINGER-VERLAG
BERLIN GERMANY
INDEXING BEGAN WITH V1N1,JUN 1992.
W1 MI265E 0940-9653
SR0072312 JC: BYL

TITLES SELECTED FOR INDEXING, NOVEMBER-DECEMBER 1993

IM MOLECULAR AND CELL BIOLOGY OF HUMAN DISEASES SERIES
MOL CELL BIOL HUM DIS SER
1,1992—
CHAPMAN AND HALL
LONDON ENGLAND
COVER TITLE: MOLECULAR AND CELL BIOLOGY OF HUMAN DISEASES.
INDEXING BEGAN WITH V1,1992.
W1 MO194M
SR0075798 JC: BYM
CHAPMAN AND HALL,2-6 BOUNDARY ROW, LONDON SE1 8HN,ENGLAND

IM MOLECULAR ECOLOGY
MOL ECOL
1N1,MAY 1992—
BLACKWELL SCIENTIFIC PUBLICATONS
OXFORD ENGLAND
INDEXING BEGAN WITH V1N1,MAY 1992.
W1 MO196DR 0962-1083
SR0070392 JC: BYN
BLACKWELL SCIENTIFIC PUBLICATIONS,OSNEY MEAD,OXFORD OX2 OEL,ENGLAND

IM MOLECULAR PHYLOGENETICS AND EVOLUTION
MOL PHYLOGENET EVOL
1,1992—
ACADEMIC PRESS
SAN DIEGO CA UNITED STATES
INDEXING BEGAN WITH V1N1,MAR 1992.
W1 MO197G 1055-7903
SR0071657 JC: BYP
ACADEMIC PRESS,1250 6TH AVE, SAN DIEGO CA 92101

INI NURSING SPECTRUM (D.C./BALTIMORE METRO EDITION)
NURS SPECTR (WASH D C)
1,1991?—
MORNINGSTAR PUBLISHING - WASHINGTON D.C.
ANNANDALE VA UNITED STATES
INDEXING BEGAN WITH JAN 1993.
ON ORDER
SR0079147 JC: BXZ

IM PALLIATIVE MEDICINE
PALLIAT MED
1N1,JAN 1987—
EDWARD ARNOLD
CAMBRIDGE ENG ENGLAND
2Y, VOLS.1-2 (1987-88); QUARTERLY, VOL.3 (1989)- .
INDEXING BEGAN WITH V7N1,1993.
W1 PA367H 0269-2163
SR0058330 JC: BYQ
CAMBRIDGE UNIVERSITY PRESS, 32 EAST 57TH STREET,NEW YORK NY 10022

INI PERSPECTIVES IN RESPIRATORY NURSING
PERSPECT RESPIR NURS
1,1990?—
RESPIRATORY NURSING SOCIETY
SKOKIE IL UNITED STATES
INDEXING BEGAN WITH VOL 4,JAN 1993.
ON ORDER
SR0079146 JC: BXY

IM PHARMACEUTICAL BIOTECHNOLOGY
PHARM BIOTECHNOL
1N1,NOV 1992—
PLENUM
NEW YORK NY UNITED STATES
INDEXING BEGAN WITH V5,1993.
W1 PH151N
SR0075506 JC: BYR
PLENUM PUBLISHING,233 SPRING STREET, NEW YORK NY 10013-1578

IM PLANT PHYSIOLOGY
PLANT PHYSIOL
1,1926—
AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS
LANCASTER PA UNITED STATES
NLM COLLECTS THIS TITLE FROM 1992. SOME VOLS. HAVE SUPPLEMENTS.
INDEXING BEGAN WITH V40N1,JAN 1965 AND CEASED WITH V47N1,JAN 1971. INDEXING RESUMED WITH V101N1,JAN 1993.
W1 PL105P 0032-0889
P16540000 JC: P98

INI PROGRESS IN CARDIOVASCULAR NURSING
IM PROG CARDIOVASC NURS
1N1,OCT/DEC 1986—
INTERNATIONAL PUBLISHING GROUP
CLEVELAND OH UNITED STATES
PUBLISHER VARIES: FULCO, VOLS 1-4 (1986-1989); LIPPINCOTT, VOL. 5-6 NO .1 (1990-1991?); INTERNATIONAL PUBLISHING GROUP, VOL. 7 (1992)- . PUBLICATION SUSPENDED APR/JUN 1991-JAN/MAR 1992.
INDEXING FOR INI BEGAN WITH V2N1,JAN-MAR 1987. INDEXING FOR IM BEGAN WITH V9N1,1994.
W1 PR6671E 0889-7204
SR0058619 JC: PRN

IM PROGRESS IN MOLECULAR AND SUBCELLULAR BIOLOGY
PROG MOL SUBCELL BIOL
1,1969—
SPRINGER VERLAG
NEW YORK NY UNITED STATES
iNDEXING BEGAN WITH 1993.
W1 PR6719F 0079-6484
P48160000 JC: BYS

TITLES SELECTED FOR INDEXING, NOVEMBER-DECEMBER 1993

IM REVIEWS IN THE NEUROSCIENCES
REV NEUROSCI
1N1,OCT-DEC 1986—
FREUND PUBLISHING
LONDON ENGLAND
INDEXING BEGAN WITH V4N1,JAN-MAR 1993.
W1 RE253JNJ 0334-1763
SR0052941 JC: BYT
FREUND PUBLISHING,SUITE 500 CHESHAM HOUSE,150 REGENT ST,LONDON W1R 5FA, ENGLAND

INI REVISTA LATINO-AMERICANA DE ENFERMAGEM
REV LAT AM ENFERMAGEM
1,1993—
ESCOLA DE ENFERMAGEM DE RIBEIRAO PRETO, UNIVERSIDADE DE SAO PAULO
SAO PAULO BRAZIL
INDEXING BEGAN WITH V1N1,JAN 1993.
ON ORDER
SR0079150 JC: BXX

IM SCANNING
SCANNING
1,1978—
FAMS PUBLISHING
MAHWAH NJ UNITED STATES
NOTHING PUBLISHED IN 1982. INTERNATIONAL JOURNAL OF SCANNING ELECTRON MICROSCOPY AND RELATED METHODS. IMPRINT VARIES.
INDEXING BEGAN WITH V15N1,JAN-FEB 1993.
W1 SC1565 0161-0457
S08110000 JC: BYU
FACM PUBLISHING CO., THE JBI BLDG. BOX 521, MAHWAH NJ 07430

IM SEMINARS IN VASCULAR SURGERY
SEMIN VASC SURG
1N1,MAR 1988—
W.B. SAUNDERS
PHILADELPHIA PA UNITED STATES
INDEXING BEGAN WITH V6N1,MAR 1993.
W1 SE484RG 0895-7967
SR0061815 JC: BYX
SEMINARS IN VASCULAR SURGERY, SUBSCRIPTION SERVICES,W.B. SAUNDERS COMPANY,WEST WASHINGTON SQUARE,PHILADELPHIA PA 19105

IM STATISTICAL METHODS IN MEDICAL RESEARCH
STAT METHODS MED RES
1N1,MAR 1992—
EDWARD ARNOLD
SEVENOAKS ENGLAND
CALLED ALSO: SM IN MR.
INDEXING BEGAN WITH V1N1,1992.
W1 ST317D 0962-2802
SR0072174 JC: BYY
EDWARD ARNOLD,42 BEDFORD SQUARE, LONDON WC1B 3SL,UK

IM SUPPLEMENT ... TO THE EUROPEAN JOURNAL NEUROSCIENCE
SUPPL EUR J NEUROSCI
N1,1988—
OXFORD UNIVERSITY PRESS ON BEHALF OF THE EUROPEAN NEUROSCIENCE ASSOCIATION
OXFORD ENGLAND
SUPPLEMENT TO: EUROPEAN JOURNAL OF NEUROSCIENCE. SUPPLEMENTS LACK PUBLICATION DATE BUT CARRY THE COVERAGE DATE OF THE ANNUAL MEETING OF THE EUROPEAN NEUROSCIENCE ASSOCIATION. CONSISTS OF THE ABSTRACTS TO THE 11TH-ANNUAL MEETING OF THE EUROPEAN NEUROSCIENCE ASSOCIATION. SUPPLEMENT WITH COVERAGE DATE OF 1988 (11TH ANNUAL MEETING) LACKS NUMBERING BUT CONSTITUTES NO. 1;) NUMBERING BEGAN WITH NO.2, COVERAGE DATE OF 1989.
INDEXING BEGAN WITH N6,1993.
W1 EU72DIFB NO.5 1992 0953-816X
SR0067687 JC: BYF
OXFORD UNIVERSITY PRESS INC., 200 MADISON AVE,NEW YORK NY 10016

IM SURGICAL LAPAROSCOPY AND ENDOSCOPY
SURG LAPAROSC ENDOSC
1,1991—
RAVEN PRESS
NEW YORK NY UNITED STATES
FREQUENCY VARIES: QUARTERLY, (1991-1992); BIMONTHLY, (1993-).
INDEXING BEGAN WITH V1N1,1991.
W1 SU766P 1051-7200
SR0069342 JC: BY0

IM SURGICAL ONCOLOGY
SURG ONCOL
1,1992—
BLACKWELL SCIENTIFIC PUBLICATIONS
OXFORD ENGLAND
INDEXING BEGAN WITH V1N1,FEB 1992.
W1 SU767FF 0960-7404
SR0069785 JC: BYV

TITLE CHANGES, NOVEMBER-DECEMBER 1993

IM ARTIFICIAL CELLS, BLOOD SUBSTITUTES, AND IMMOBILIZATION BIOTECHNOLOGY
ARTIF CELLS BLOOD SUBSTIT IMMOBIL BIOTECHNOL
22,1994—
MARCEL DEKKER
NEW YORK NY UNITED STATES
CONTINUES: BIOMATERIALS, ARTIFICIAL CELLS, AND IMMOBILIZATION BIOTECHNOLOGY.
INDEXING BEGAN WITH V22N1,1994.
ON ORDER 1055-7172
SR0079008 JC: BXE

IM CURRENT OPINION IN NEUROLOGY
CURR OPIN NEUROL
6N5,OCT 1993—
CURRENT SCIENCE
PHILADELPHIA PA UNITED STATES
BIMONTHLY. CONTINUES: CURRENT OPINION IN NEUROLOGY AND NEUROSURGERY.
INDEXING BEGAN WITH V6N5, OCT 1993.
W1 CU799GFM 1350-7540
SR0079227 JC: BX4

IDL CURRENT OPINION IN PERIODONTOLOGY
CURR OPIN PERIODONTOL
1993—
CURRENT SCIENCE
PHILADELPHIA PA UNITED STATES
CONTINUES IN PART: CURRENT OPINION IN DENTISTRY. FORMERLY A SECTION OF: CURRENT OPINION IN DENTISTRY.
INDEXING BEGAN WITH 1993.
ON ORDER 1065-626X
SR0076096 JC: BWR

IM EUROPEAN JOURNAL OF ENDOCRINOLOGY
EUR J ENDOCRINOL
130,1994—
SCANDINAVIAN UNIVERSITY PRESS
OSLO NORWAY
SOME VOLS. HAVE SUPPLEMENTS. CONTINUES: ACTA ENDOCRINOLOGICA.
INDEXING BEGAN WITH V130N1,1994.
ON ORDER
SR0079125 JC: BXU

IM FOOT AND ANKLE INTERNATIONAL
FOOT ANKLE INT
15,1994—
WILLIAMS AND WILKINS
BALTIMORE MD UNITED STATES
CONTINUES: FOOT AND ANKLE.
INDEXING BEGAN WITH V15N1,JAN 1994.
ON ORDER 1071-1007
SR0079016 JC: BXF

IM FREE RADICAL RESEARCH
FREE RADIC RES
20,1994—
HARWOOD
CHUR SWITZERLAND
CONTINUES: FREE RADICAL RESEARCH COMMUNICATIONS.
INDEXING BEGAN WITH 20N1,1994.
ON ORDER
SR0078899 JC: BW3

IM INTERNATIONAL PATHOLOGY
INT PATHOL
44,1994—
BLACKWELL SCIENTIFIC PUBLICATIONS FOR THE JAPANESE SOCIETY OF PATHOLOGY
CARLTON SOUTH AUSTRALIA
CONTINUES: ACTA PATHOLOGICA JAPONICA.
INDEXING BEGAN WITH V44,1994.
ON ORDER 1320-5463
SR0079096 JC: BXQ

IM JOURNAL OF CHROMATOGRAPHY A
J CHROMATOGR A
652N1,OCT 15 1993—
ELSEVIER
AMSTERDAM NETHERLANDS
INCLUDES: BIBLIOGRAPHY SECTION, (1994)- ; AND: SYMPOSIUM VOLUMES, (1994)- .
SOME VOLS. CALLED: SYMPOSIUM VOLUMES.
CONTINUES IN PART: JOURNAL OF CHROMATOGRAPHY.
INDEXING BEGAN WITH V652N1,OCT 15 1993.
W1 JO5845M
SR0079068 JC: BXJ

IM JOURNAL OF CHROMATOGRAPHY B: BIOMEDICAL APPLICATIONS
J CHROMATOGR B BIOMED APPL
652,1994—
ELSEVIER
AMSTERDAM NETHERLANDS
CONTINUES IN PART: JOURNAL OF CHROMATOGRAPHY.
INDEXING BEGAN WITH V652,1994.
ON ORDER
SR0079069 JC: BXL

IM JOURNAL OF NEURO-OPHTHALMOLOGY
J NEUROOPHTHALMOL
14,1994—
RAVEN PRESS
NEW YORK NY UNITED STATES
CONTINUES: JOURNAL OF CLINICAL NEURO-OPHTHALMOLOGY.
INDEXING WITH V14N1,1994.
ON ORDER 1070-8022
SR0078998 JC: BXD

TITLE CHANGES, NOVEMBER-DECEMBER 1993

IM JOURNAL OF REFRACTIVE AND CORNEAL SURGERY
J REFRACT CORNEAL SURG
10,1994—
SLACK
THOROFARE NJ UNITED STATES
JOURNAL OF THE INTERNATIONAL SOCIETY OF REFRACTIVE KERATOPLASTY, THE EUROPEAN REFRACTIVE SURGICAL SOCIETY, AND AFFILIATED SOCIETIES. CONTINUES: REFRACTIVE AND CORNEAL SURGERY.
INDEXING BEGAN WITH V10N1,1994.
ON ORDER
SR0079305 JC: BY6

IM MICROBIOLOGY
MICROBIOLOGY
140,1994—
SOCIETY OF GENERAL MICROBIOLOGY
READING ENGLAND
CONTINUES: JOURNAL OF GENERAL MICROBIOLOGY.
INDEXING BEGAN WITH V149,1994.
ON ORDER 1350-0872
SR0079139 JC: BXW

IM MIKROBIOLOHICHNYI ZHURNAL
MIKROBIOL Z
55N4,JUN/AUG 1993—
NAUKOVA DUMKA
KYIV UKRAINE
CONTINUES: MIKROBIOLOGICHESKII ZHURNAL.
INDEXING BEGAN WITH V55N4,JUN/AUG 1993.
W1 MI407S 0201-8462
SR0079161 JC: BX2

IM MORFOLOGIIA
MORFOLOGIIA
102,1992?—
IZD-VO GIPPOKRAT
SANKT-PETERBURG RUSSIA
AT HEAD OF TITLE: ROSSIISKAIA AKADEMIIA MEDITSINSKIKH NAUK, GOSUDARSTVENNOE PREDPRIIATIE SOIUZ. IMPRINT VARIES. IV ANATOMII, GISTOLOGII I EMBRIOLOGII.
INDEXING BEGAN WITH V102,1992.
W1 MO815BL 0004-1947
SR0078971 JC: BW7

IM RADIATSIONNAIA BIOLOGIIA, RADIOECOLOGIIA
RADIATS BIOL RADIOECOL
33N4,JUL/AUG 1993—
NAUKA
MOSKVA RUSSIA
CONTINUES: RADIOBIOLOGIIA.
INDEXING BEGAN WITH V33N4,JULY/AUGUST 1993.
W1 RA176 0869-8192
SR0078868 JC: BWZ

HLI SOCIAL WORK RESEARCH
SOC WORK RES
18N1,MAR 1994—
NASW PRESS
ANNAPOLIS JCT MD UNITED STATES
CONTINUES IN PART: SOCIAL WORK RESEARCH AND ABSTRACTS.
INDEXING BEGAN WITH V18N1,MAR 1994.
ON ORDER 1070-5309
SR0079156 JC: BX1

IM TRANSFUSION CLINIQUE ET BIOLOGIQUE
TRANSFUS CLIN BIOL
37,1994—
ARNETTE
PARIS FRANCE
CONTINUES: REVUE FRANCAISE DE TRANSFUSION ET D HEMOBIOLOGIE.
INDEXING BEGAN WITH V37N1,1994.
ON ORDER
SR0079153 JC: BX0

IM VIRCHOWS ARCHIV. B, CELL PATHOLOGY INCLUDING MOLECULAR PATHOLOGY
VIRCHOWS ARCH B CELL PATHOL INCL MOL PATHOL
30,1979—
SPRINGER-VERLAG
BERLIN GERMANY
CONTINUES: VIRCHOWS ARCHIV. B, CELL PATHOLOGY.
INDEXING BEGAN WITH V30,1979.
W1 VI764AE 0340-6075
SR0078770 JC: BWO

TITLES NO LONGER INDEXED, NOVEMBER-DECEMBER 1993

IM ANGIOLOGIA
ANGIOLOGIA
1,1949—
EDITORIAL ROCAS
BARCELONA SPAIN
INDEXING FOR ONLINE FILES BEGAN WITH V17N3,MAY-JUN 1965. INDEXING CEASED WITH V45N6,NOV-DEC 1993.
W1 AN225 0003-3170
A30615000 JC: 4TO

IM BIBLIOTHECA CARDIOLOGICA
BIBL CARDIOL
N1,1939—
KARGER
BASEL SWITZERLAND
SUPPLEMENT TO: CARDIOLOGIA.
INDEXING FOR ONLINE FILES BEGAN WITH V17,1966. INDEXING CEASED WITH V44N,1989.
W1 BI396 0067-7906
B12400000 JC: 9S0

IM BIOLOGICAL STRUCTURES AND MORPHOGENESIS
BIOL STRUCT MORPHOG
1N1,1988-4N4,1992
MASSON ET CIE
PARIS FRANCE
CONTINUES: ARCHIVES D ANATOMIE MICROSCOPIQUE ET DE MORPHOLOGIE EXPERIMENTALE.
INDEXING BEGAN WITH V1N1,1988.
W1 BI759LN 0989-8972
SR0062674 JC: A3D

IM CHIRURGIA E PATOLOGIA SPERIMENTALE
CHIR PATOL SPER
2,1954-36N2,1988
ISTITUTO PER LA DIFFUSIONE DI OPERE SCIENTIFICHE
MILANO ITALY
CONTINUES: PATOLOGIA SPERIMENTALE E CHIRURGIA.
INDEXING FOR ONLINE FILES BEGAN WITH V12N10, OCT 1964. SUPPLEMENT NO LONGER INDEXED AS OF 1981.
W1 CH8185 0009-4757
C19360000 JC: D54

IM CHUNG-HUA HSIN HSUEH KUAN PING TSA CHIH [CHINESE JOURNAL OF CARDIOLOGY]
CHUNG HUA HSIN HSUEH KUAN PING TSA CHIH
1973?
CHUNG-HUA I HSUEH HUI
PEKING CHINA
INDEXING BEGAN WITH V7N1,1979 AND CEASED WITH V21N6,DEC 1993.
W1 CH9819 0253-3758
C20994000 JC: EBN

IM CHUNG-HUA HU LI TSA CHIH [CHINESE JOURNAL OF NURSING]
INI CHUNG HUA HU LI TSA CHIH
N1,FEB 1981-N6,DEC 1982; 18N1,FEB 1983—
CHINESE NURSING ASSOCIATION
PEKING CHINA
NUMBERING BEGINS EACH YEAR WITH CH I 1?
CONTINUES: HU LI TSA CHIH. JOURNAL OF NURSING
INDEXING FOR INI BEGAN WITH N5,OCT 1982.
INDEXING FOR IM BEGAN WITH V20N1,1985 AND CEASED WITH V28N12,1993.
W1 CH9819M 0254-1769
C20994300 JC: CZR

IM COR ET VASA
COR VASA
1,1959—
PRAHA PUBLISHING
PRAHA CZECH REPUBLIC
IMPRINT VARIES.
INDEXING FOR ONLINE FILES BEGAN WITH 7N4,1965. INDEXING CEASED WITH V35N6,1993.
W1 CO8496 0010-8650
C49060000 JC: DR5

IM CURRENT OPINION IN RADIOLOGY
CURR OPIN RADIOL
1N1,1989-4N6,1992
CURRENT SCIENCE
PHILADELPHIA PA UNITED STATES
INCLUDES A SECTION CALLED: BIBLIOGRAPHY OF THE CURRENT WORLD LITERATURE. VOL. 1 (1989) COMPLETE IN FOUR ISSUES.
INDEXING BEGAN WITH V1N1,JUN 1989.
W1 CU799GHI 1040-869X
SR0065281 JC: AVF

IM GRUDNAIA I SERDECHNO-SOSUDISTAIA KHIRURGIIA
GRUD SERDECHNOSOSUDISTAIA KHIR
N1,1990—
MEDITSINA
MOSKVA RUSSIA
CONTINUES: GRUDNAIA KHIRURGIIA.
INDEXING BEGAN WITH N1,1990 AND CEASED WITH N12,1993.
W1 GR919CK 0236-2791
SR0067826 JC: AQO

TITLES NO LONGER INDEXED, NOVEMBER-DECEMBER 1993

IM JOURNAL OF CARDIOLOGY. SUPPLEMENT
J CARDIOL SUPPL
13,1987—
JAPANESE COLLEGE OF CARDIOLOGY
TOKYO JAPAN
CONTINUES: JOURNAL OF CARDIOGRAPHY. SUPPLEMENT. SUPPLEMENT TO: JOURNAL OF CARDIOLOGY. SUBSERIES: CONFERENCE ON MITRAL PROLAPSE, 2,1986- . INCLUDES SUBSERIES: PROCEEDINGS OF THE ... SCIENTIFIC SESSION, 35,1987- .
INDEXING BEGAN WITH V13,1987 AND CEASED WITH V28,1992.
W1 JO574SJA 0914-5087
SR0067200 JC: AKO

IM KARDIOLOGIA POLSKA
KARDIOL POL
1,1957-33,1990;NS1,1991—
PANSTWOWY ZAKLAD WYDAWNICTW LEKARSKICH
WARSZAWA POLAND
SUPERSEDES KARDIOLOGIA POLSKA. NEW SERIES VOL 1 NO 1 MISDATED JANUARY 1990.
INDEXING FOR ONLINE FILES BEGAN WITH V8N2,1965 AND CEASED WITH V39N12,DEC 1993.
W1 KA759 0022-9032
K02560000 JC: KU4

IM KARDIOLOGIIA
KARDIOLOGIIA
1,1961—
IZDATELSTVO MEDITSINA
MOSKVA RUSSIA
INDEXING FOR ONLINE FILES BEGAN WITH V5N4,JUL-AUG 1965. INDEXING CEASED WITH V33N12,1993.
W1 KA775 0022-9040
K02580000 JC: KU9

IM KOKYU TO JUNKAN. RESPIRATION AND CIRCULATION
KOKYU TO JUNKAN
1,1953—
IGAKU SHOIN
TOKYO JAPAN
SPECIAL ISSUES IN ENGLISH
INDEXING BEGAN WITH V20N1,JAN 1972 AND CEASED WITH V41N12,DEC 1993.
W1 KO32 0452-3458
K08420000 JC: R83

IM PHLEBOLOGIE
PHLEBOLOGIE
5,1952—
EXPANSION SCIENTIFIQUE FRANCAISE
PARIS FRANCE
CONTINUES BULLETIN DE LA SOCIETE FRANCAISE DE PHLEBOLOGIE. SUPPLEMENTS ACCOMPANY SOME VOLS.
INDEXING FOR ONLINE FILES BEGAN WITH V18N2,APR-JUN 1965. INDEXING CEASED WITH V46N4,OCT-DEC 1993.
W1 PH62K 0031-8280
P13220000 JC: P66

IM PROTEIN SEQUENCES AND DATA ANALYSIS
PROTEIN SEQ DATA ANAL
1N1,1987-5N6,1993
SPRINGER INTERNATIONAL
BERLIN GERMANY
INDEXING BEGAN WITH V1N1,AUG 1987.
W1 PR788N 0931-9506
SR0057627 JC: PSA

IM REVISTA BRASILEIRA DE MALARIOLOGIA E DOENCAS TROPICAIS
REV BRAS MALARIOL DOENCAS TROP
1,1949-38,1986
BRAZIL. SUPERINTENDENCIA DE CAMPANHAS DE SAUDE PUBLICO
RIO DE JANEIRO BRAZIL
TITLE VARIES SLIGHTLY. MONOGRAPHIC SUPPLEMENTS ACCOMPANY SOME ISSUES.
INDEXING FOR ONLINE FILES BEGAN WITH V16N4,OCT-DEC 1964.
W1 RE3425 0034-7256
R30860000 JC: RI9

IDL REVISTA CATARINENSE DE ODONTOLOGIA
REV CATARINENSE ODONTOL
1N1,JUL/DEC 1974-12N1,JAN/JUN 1988?
ASSOCIACAO BRASILEIRA DE ODONTOLOGIA
FLORIANOPOLIS BRAZIL
OFFICIAL ORGAN OF THE ASSOCIACAO BRASILEIRA DE ODONTOLOGIA, SECCAO DE SANTA CATARINA.
INDEXING BEGAN WITH V1N1,JUL-DEC 1974.
W1 RE346T 0100-7955
R31220000 JC: SB8

TITLES NO LONGER INDEXED, NOVEMBER-DECEMBER 1993

IM VASA. SUPPLEMENTUM
VASA SUPPL
1,1973—
HANS HUBER
BERN SWITZERLAND
SUPPLEMENT TO: VASA.
INDEXING BEGAN WITH V1,1973 AND CEASED WITH V41,1993.
W1 V101CA 0251-1029
SR0059353 JC: VAS

IM ZEITSCHRIFT FUR DIE GESAMTE INNERE MEDIZIN UND IHRE GRENZGEBIETE
Z GESAMTE INN MED
1,1946-48,1993
GEORG THIEME VERLAG
LEIPZIG GERMANY
FREQUENCY VARIES: SEMI-MONTHLY, VOLS. -45 (-1990); 18Y, VOL. 46 (1991); MONTHLY, VOL. 47 (1992)- . SOME VOLS. HAVE SUPPLEMENTS. RUNNING TITLE: INNERE MEDIZIN.
INDEXING FOR ONLINE FILES BEGAN WITH V20N12,JUN 15 1965.
W1 ZE266 0044-2542
Z03420000 JC: XUY

THE FOLLOWING TITLE HAS RESUMED PUBLICATION. V10 WAS PUBLISHED IN 1985. V11 WAS PUBLISHED IN 1993.

IM JOURNAL OF STUDIES ON ALCOHOL. SUPPLEMENT
J STUD ALCOHOL SUPPL
7,1975—
JOURNAL OF STUDIES ON ALCOHOL
NEW BRUNSWICK NJ UNITED STATES
INDEXING BEGAN WITH V7,1975.
W1 JO904X 0363-468X
J39700000 JC: JZN

Effective January 1, 1994 (excluding royalty files—see below)

APPENDIX A

NLM ONLINE PRICING ALGORITHM CHARGES TO DOMESTIC USERS

Prices apply 24 hours per day.

File	Connect Charge (Per Hour)	Search Statement Charge	Online Citation Charge	Interaction Charge (Carriage Returns)	Computer Resources Disk Accesses (Per 100)	Online Character Charge (Per 1,000)
ELHILL COMPUTER						
MEDLINE® & Backfiles	$2.40	$.06	$.01	—	$.04	$.05
AIDSLINE®, AIDSTRIALS, AIDSDRUGS & DIRLINE®	FREE	FREE	FREE	—	FREE	FREE
TOXLIT® & TOXLIT65 (eff. Feb 1, 1994)	2.40	1.62*	1.00*	—	.04	.05
TOXLINE® & TOXLINE65	2.40	.06	.01	—	.04	.05
CHEMLINE® (eff. Feb 1, 1994)	2.40	.98**	.66**	—	.04	.05
ALERT & LOAN STATUS	2.40	.06	—	—	.04	—
All Others	2.40	.06	.01	—	.04	.05
PDQ®	18.00	—	—	—	—	—
TOXNET COMPUTER						
All Files	3.80	.08	—	.02	—	.08

When calculated across the online algorithm, an average MEDLINE search costs about $1.25; the hourly rate is $18.00.

NLM has a Student Code Program for domestic users. Student codes are charged at online rates that are approximately 50% of the regular, domestic online rates.

* Includes royalties of $1.56 per Search Statement, $0.99 per Online Citation Charge.
** Includes royalties of $0.92 per Search Statement, $0.65 per Online Citation Charge.

NLM OFFLINE CHARGES TO DOMESTIC USERS

Pages	Per Page for PRT OFFLINE, OFFSEARCH, or Automatic SDIs	Per 2,000 Characters Transmitted via ftp*** for Automatic SDIs only
MEDLINE & Other Databases	$0.30	$0.10
AIDSLINE, AIDSTRIALS, AIDSDRUGS & DIRLINE	FREE	FREE
TOXLIT & TOXLIT65	$2.60 (includes $2.30 royalty charge per page)	$2.40 (includes $2.30 royalty)
CHEMLINE	$1.75 (includes $1.45 royalty charge per page)	Not applicable
TOXNET Files	$0.30	Not applicable

Offsearches	Per File
MEDLINE & Other Databases	$1.00 (plus page charges)
AIDSLINE, AIDSTRIALS, AIDSDRUGS & DIRLINE	FREE

Automatic SDI Searches	Per Search
SDILINE, AVLINE, CANCERLIT, CATLINE, HEALTH, POPLINE, TOXLINE	$1.50 (plus page charges or ftp character charges)
AIDSLINE	FREE
TOXLIT	$7.00 (plus page charges or ftp character charges; includes $5.50 royalty charge)

***The Internet ftp data charge is applied per unit of 2,000 characters transmitted (a low estimate of how many characters fit on a page of NLM's offline print paper) using the rate of $0.05/1,000 characters from the online pricing algorithm. The ftp option for distribution of Automatic SDI Searches has been announced effective for the 9401 (EM) SDILINE data, with other databases to be phased in later.

NOTES: Non-U.S. online users incur charges under the NLM online pricing algorithm and are charged $2.50 extra on the connect charge (per hour) portion and $0.02/1,000 characters transmitted extra (the equivalent of $5.00/hour). There is a $0.10/page surcharge for offline print pages and a surcharge of $0.10/2,000 characters transmitted via ftp for Automatic SDI Searches. The foreign surcharge does not apply for the following databases: AIDSDRUGS, AIDSLINE, AIDSTRIALS, AVLINE, CATLINE, MeSH VOCABULARY FILE, NAME AUTHORITY FILE and SERLINE.

TABLE I

New NLM Rates for CHEMLINE, TOXLIT, TOXLIT65

Effective February 1, 1994

NLM ONLINE PRICING ALGORITHM CHARGES TO DOMESTIC USERS

Prices apply 24 hours per day

Files	Connect Charge (Per Hour)	Search Statement Charge	Online Citation Charge	Interaction Charge (Carriage Returns)	Computer Resources (Disk Accesses) (Per 100)	Online Character Charge (Per 1,000)
CHEMLINE®	$2.40	$0.98*	$0.66*	——	$0.04	$0.05
TOXLIT® & TOXLIT65	$2.40	$1.62**	$1.00**	——	$0.04	$0.05

* Includes royalties of $0.92 per Search Statement, $0.65 per Online Citation Charge.
** Includes royalties of $1.56 per Search Statement, $0.99 per Online Citation Charge.

OFFLINE CHARGES TO DOMESTIC USERS

Pages	Per Page for PRT OFFLINE, OFFSEARCH, or Automatic SDIs	Per 2,000 Characters Transmitted via ftp*** for Automatic SDIs only
CHEMLINE	$1.75 (includes $1.45 royalty charge)	Not applicable
TOXLIT & TOXLIT65	$2.60 (includes $2.30 royalty charge)	$2.40 (includes $2.30 royalty)

Offsearches	Per File
All Databases	$1.00 (plus page charges)

Automatic SDI Searches	Per Search
TOXLIT	$7.00 (plus page charges or ftp character charges; includes $5.50 royalty charge)

***The Internet ftp data charge is applied per unit of 2,000 characters transmitted (a low estimate of how many characters fit on a page of NLM's offline print paper) using the rate of $0.05/1,000 characters from the online pricing algorithm. The ftp option for distribution of Automatic SDI Searches has been announced effective for the 9401 (EM) SDILINE data, with other databases to be phased in later.

NOTES: Non-U.S. online users incur charges under the NLM online pricing algorithm and are charged $2.50 extra on the connect charge (per hour) portion and $0.02/1,000 characters transmitted extra (the equivalent of $5.00/hour). There is a $0.10/page surcharge for offline print pages and a surcharge of $0.10/2,000 characters transmitted via ftp for Automatic SDI Searches. The foreign surcharge does not apply for the following databases: AIDSDRUGS, AIDSLINE, AIDSTRIALS, AVLINE, CATLINE, MeSH VOCABULARY FILE, NAME AUTHORITY FILE and SERLINE.

REQUEST FOR MASTER ACCOUNT

APPENDIX B

Return Form To:

MEDLARS Management Section
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894

Billing Address:

Personal Name: _____

Institution: _____

Address: _____

City, State, Zip: _____

Telephone: _____

If you would like your user codes to be billed with one invoice, under a master account, please indicate the main User ID code and the codes that will be "mapped" to it.

Main User ID Code: _____

Mapped ID Codes:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If, in the future, you would like other ID codes to be added to your master account, please indicate the main User ID code on each Online Services Application Form.

_____
Signature

_____
Printed Name

_____
Date

MMS 1/92

APPENDIX C

SUGGESTION FOR MEDICAL SUBJECT HEADINGS CHANGE

Suggested Change:
(One- or two- sentence statement of what you feel is needed)

How often have you encountered this concept?

Reason for suggesting change:
(If suggesting a new term, please mention the sense or context in which the term occurs if you cannot define it.)

Citations:
(One or more authoritative citations, either from MEDLINE or other sources, are requested, particularly if the concept or term is quite new or rarely written about.)

Name: _____ Date: _____

Address: _____

Telephone: _____

Please return to:

MeSH Section
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20894
(301) 496-1495

NTIS Order Form not available in electronic format.

NTIS Order Form not available in electronic format.

GPO Order Form not available in electronic format.

COMPLIMENT/CONCERN

NAME: **USER ID CODE:** ☐☐☐☐☐

ADDRESS:

COMMENTS:

We work for you. Please tell us what is right and what you would like to see changed.

Return to: MEDLARS Management Section
National Library of Medicine
Bethesda, MD 20894 (FAX 301-496-0822)

CHANGE OF ADDRESS - U.S. USERS ONLY

You MUST include your User ID Code: ☐☐☐☐☐☐

Mailing Information:	Billing Information, if different:
Address:	**Address:**
Daytime Phone:	**Daytime Phone:**

☐ Check here if you purchased Grateful Med. The new address information will be forwarded to NTIS.

Return to: MEDLARS Management Section
National Library of Medicine
Bethesda, MD 20894 (FAX 301-496-0822)

CONTACTING NLM

The following Internet addresses may be used to e-mail specific questions and comments to NLM.

MEDLARS Management Section:	mms@nlm.nih.gov
Grateful Med:	gmhelp@gmedserv.nlm.nih.gov
History of Medicine Division:	hmdref@nlm.nih.gov
Interlibrary Loan (ILL)/DOCLINE:	ill@nlm.nih.gov
International Programs Office:	hsieh@nlm.nih.gov
MeSH Heading Suggestions:	meshsugg@nlm.nih.gov
National Center for Biotechnology Information (NCBI):	info@ncbi.nlm.nih.gov
NLM Publications Server:	nlmpubs.nlm.nih.gov
Office of Public Information:	publicinfo@occshost.nlm.nih.gov
Planning and Evaluation Office:	siegel@nlm.nih.gov
Reference Section:	ref@nlm.nih.gov
Toxicology Information Program:	toxmail@tox.nlm.nih.gov

NLM PHONE NUMBERS: MEDLARS Service (800) 638-8480 Public Information (800) 272-4787

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Public Health Service, National Institutes of Health
National Library of Medicine (#38/4N-421)
8600 Rockville Pike
BETHESDA, MARYLAND 20894

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