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Technical Bulletin

Gold Standard Search

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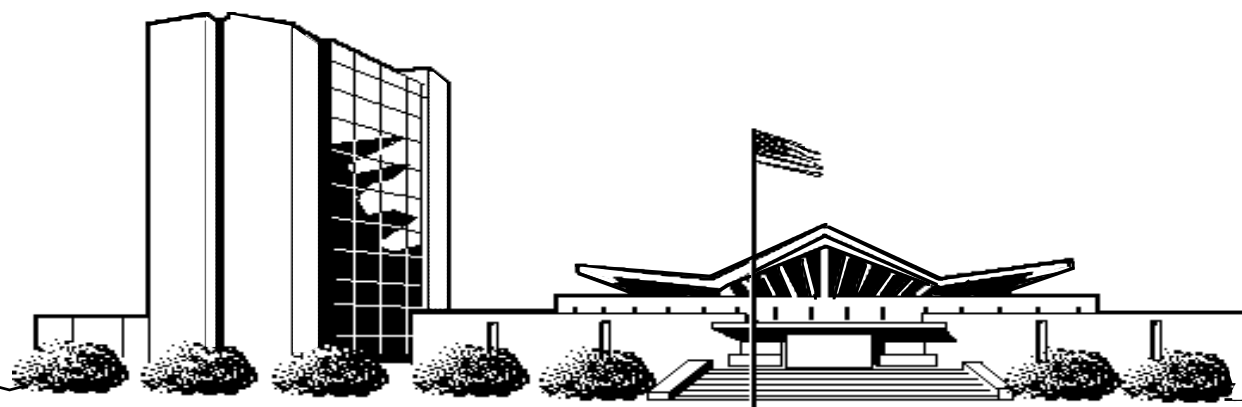
Thank you to everyone who mailed in search strategies in response to the "Gold Standard Search" article in the July-August 1994 issue of the *Technical Bulletin*. This feature offers searchers a chance to match wits with the NLM staff on a search strategy formulation. The Gold Standard search strategies are developed here at NLM. The search request published in the July-August 1994 issue was:

You work in a patient care facility and the administrator wants to revive a defunct Bioethics Committee and has asked you for recent information (1991 forward) about how other institutions' Bioethics Committees operate. What can you find?

The Winner

There was one winner! Our congratulations go to Paul Tobin at St. Mary's Hospital of Brooklyn, who ran his search in three files, MEDLINE®, BIOETHICSLINE®, and HEALTH PLANNING & ADMINISTRATION using the ELHILL command language. No other strategy submitted approached Mr. Tobin's for comprehensiveness in terms of the number of databases

Continued on page 7



NLM TECHNICAL BULLETIN	MEDLARS® DATABASE	TOTAL RECORDS	DATES COVERED	DATE UPDATED	UPDATE TAG
ELHILL® COMPUTER					
Head, MMS Carolyn B. Tilley	AIDSDRUGS	218		10 DEC 94	9411(EM)
	AIDSLINE®*	106,301	JAN 80-DEC 94	08 NOV 94	9412(EM)
	AIDSTRIALS	640		10 DEC 94	9412(EM)
	AVLINE®	28,030	THRU DEC 94	15 DEC 94	
	BIOETHICSLINE®	44,049	JAN 73-DEC 94	03 DEC 94	9412(EM)
	BIOTECHSEEK	5,508	JAN 90-JAN 95	10 DEC 94	9501(EM)
Co-Editor Toby G. Port	CANCERLIT®	1,079,971	JAN 63-NOV 94	05 NOV 94	9411(EM)
	CATLINE®	739,970	THRU DEC 94	15 DEC 94	
	CHEMID	267,994		06 FEB 93	
	CHEMLINE®	1,258,634		10 MAR 94	9402(EM)
Co-Editor Mary Herron	DENTALPROJ™	821		02 AUG 94	
	DIRLINE®	17,592		03 DEC 94	
	DOCUSER®	14,166		17 DEC 94	
Technical Notes Editor Marcia Zorn	HEALTH	779,490	JAN 75-JAN 95	10 DEC 94	9501(EM)
	HISTLINE®	147,319		03 DEC 94	9412(EM)
	HSTAR**	1,448,461	1985-DEC 94	08 NOV 94	9412(EM)
	MEDLINE®	975,419	JAN 92-JAN 95	10 DEC 94	9501(EM)
Direct Inquiries to: MEDLARS Management Section National Library of Medicine Bldg., 38A, Rm. 4N421 Bethesda, Maryland 20894 (800) 638-8480 mms@nlm.nih.gov	MED90	748,681	JAN 90-DEC 91	10 DEC 94	
	MED85	1,688,452	JAN 85-DEC 89	10 DEC 94	
	MED80	1,388,882	JAN 80-DEC 84	10 DEC 94	
	MED75	1,279,017	JAN 75-DEC 79	10 DEC 94	
	MED66	1,986,409	JAN 66-DEC 74	10 DEC 94	
	MESH VOCABULARY FILE®	98,591	1995	17 DEC 94	
	NAME AUTHORITY FILE®	553,983		17 DEC 94	
	PDQ®		THRU DEC 94	01 DEC 94	
	POPLINE®	213,839	1970-DEC 94	03 DEC 94	9412(EM)
	SDILINE®	31,496	JAN 95	10 DEC 94	9501(EM)
	SERLINE®	85,044	THRU DEC 94	06 DEC 94	9412(EM)
MEDLARS Inquiries: mms@nlm.nih.gov	TOXLINE®	1,352,830	1981-1994	17 DEC 94	9412(EM)
	TOXLINE65	707,146	PRE 1965-1980	30 APR 94	
	TOXLIT®	1,362,486	1981-1994	17 DEC 94	9412(EM)
	TOXLIT65	586,405	1965-1980	01 SEP 87	
Grateful Med Inquiries: gmhelp@gmedserv.nlm.nih.gov	* AIDSLINE: PART 5 OF 5 FOR 9412 (EM) WEEKLY UPDATE				
	** HSTAR: PART 5 OF 5 FOR 9412 (EM) WEEKLY UPDATE				
TOXNET® COMPUTER					
	CCRIS	6,147		07 DEC 94	
	DART™	22,239		07 DEC 94	
	EMIC	9,096		28 NOV 94	
	EMICBACK	75,886		04 APR 94	
	ETICBACK	49,591		04 APR 94	
	GENE-TOX	2,960		06 JUN 94	
	HSDB®	4,492		15 DEC 94	
	IRIS	663		02 DEC 94	
	RTECS®	128,170		23 NOV 94	
The NLM Technical Bulletin is an administrative document sent to formal members of NLM's MEDLARS Online Network.	TRI87	80,136		11 MAY 94	
	TRI88	87,151		11 MAY 94	
	TRI89	86,812		11 MAY 94	
	TRI90	86,041		05 MAY 94	
	TRI91	83,876		12 APR 94	
	TRI92	81,075		25 APR 94	
	TRIFACTS	326		10 APR 92	

Technical Notes

New Clinical Alert Available

The National Institute of Neurological Diseases and Stroke (NINDS) issued a clinical advisory on Carotid Endarterectomy for Patients with Asymptomatic Carotid Artery Stenosis on September 30, 1994. This advisory is available to MEDLARS users from the ALERT file (formerly the INFORM file).

NLM began offering clinical alert notices online in January 1991. As noted in the January-February 1992 (pages 17-26) and January-February 1991 (page 21) issues of the *Technical Bulletin*, clinical alerts were started to expedite the release of findings from clinical trials funded by the National Institutes of Health when such release might significantly affect morbidity and mortality.

To retrieve this new advisory online, type **file alert** at the first USER: prompt to enter the file. Then, at the next USER: prompt, type:

alert (tf); prt 1 dl for the abstract and full text
(includes references and
keywords for this alert)

OR

alert (tf); prt 1 ar for the abstract

OR

alert (tf); prt 1 for a brief entry (date, title, and
source)

The full text of National Institutes of Health clinical alerts are mailed to all libraries that are members of the National Network of Libraries of Medicine. The online ALERT file also contains the ten previously issued National Institutes of Health Clinical Alerts. To obtain this latest NINDS advisory from the NLM Gopher, gopher to **gopher.nlm.nih.gov**, select the **National Institutes of Health (NIH) Clinical Alerts**, then select the title given in the first sentence above. The advisory is also available in electronic form via anonymous ftp from the host **nlmpubs.nlm.nih.gov**, in the directory **alerts**, as **carotid.txt**.

1995 CANCERLIT, AIDSLINE, and HSTAR Delayed

The availability of 1995 CANCERLIT, AIDSLINE, and HSTAR files will be delayed. CANCERLIT is expected to be available in mid-January followed by AIDSLINE during the last weeks of January, and HSTAR in mid-February. Please note that these delays will effect Automatic SDI Service for these files. Watch the online NEWS during January for the exact dates of 1995 file implementations.

Free DIRLINE from the National Library of Medicine's Locator

The National Library of Medicine's online directory of over 15,000 information resources—DIRLINE—is now available without charge via NLM's online catalog system, the NLM Locator. Locator is a client-server interface that allows menu-driven Internet access to four NLM databases. In addition to DIRLINE, the databases available are CATLINE (catalogued records of monographs and serials at the NLM), AVLINE (audiovisuals), and SERLINE (serials owned by NLM and other libraries). NLM originally designed Locator to enable novice or infrequent users to access the databases describing the NLM collection. The interface requires no training and allows searching these files without learning NLM's interactive command-driven search interface. To access Locator, set terminal emulation to VT100 and telnet to:

locator.nlm.nih.gov

Enter **locator** (lower case) at the "login" prompt.

DIRLINE (Directory of Information Resources onLINE) focuses primarily on health and biomedical information resources including organizations, government agencies, information centers, professional societies, voluntary associations, support groups, academic and research institutions, and research facilities and resources. The records contain resource names, addresses, phone numbers and descriptions of services, publications, and holdings. DIRLINE is also available without charge to searchers with any MEDLARS User ID code using command language or Grateful Med access.

HISTLINE Available with MeSH Headings

The restructured and expanded HISTLINE database, which was highlighted in the July-August 1994 issue of the *Technical Bulletin*, was made available on Monday, September 26, 1994. The database, which contains records (primarily 1966 and forward) from MEDLINE, CATLINE, HEALTH, AVLINE and NLM's History of Medicine Division (HMD), is now searchable using 1994 MeSH. HISTLINE will be regenerated with 1995 MeSH in mid-January; watch the online NEWS for an announcement of availability.

CANCERGRAM Data Element Eliminated from CANCERLIT

The CG identifier on a CANCERLIT record indicated that the citation was included in a National Cancer Institute International Cancer Research Data Bank (ICRDB) Program CANCERGRAM. Because the ICRDB CANCERGRAMs are no longer produced, the CG identifier is no longer a useful tool and it is being deleted from CANCERLIT for the 1995 regeneration. [Editor's note: The 1995 CANCERLIT file will not be available until mid-January; see the Technical Note on page 3 of this issue.]

NLM Classification, Fifth Edition

The *NLM Classification: A Scheme for the Shelf Arrangement of Library Materials in the Field of Medicine and Its Related Sciences*, fifth edition, 1994, may now be ordered from the Superintendent of Documents, U.S. Government Printing Office (GPO). The NLM Classification scheme was last revised in 1981. This new edition has been updated to include concepts and terminology from the 1995 Medical Subject Headings (MeSH). In revising the Classification, special attention was given to all areas in the schedules that dealt with such subjects as medical informatics, biotechnology, health services research, and public health. Questions about the Classification can be sent to: tsd@nlm.nih.gov.

The anticipated shipping date is late January, 1995. The order number and prices follow:

NLM Classification: A Scheme for the Shelf Arrangement of Library Materials in the Field of Medicine and Its Related Sciences

GPO Stock Number: S/N 017-052-00319-4
Price: \$40.00 (U.S.)
\$50.00 (non-U.S.)

Please note that U.S. depository libraries will receive a copy of the *NLM Classification: A Scheme for the Shelf Arrangement of Library Materials in the Field of Medicine and Its Related Sciences*, fifth edition, 1994, as part of their depository agreement with the Superintendent of Documents.

To order this publication from the Superintendent of Documents, U.S. Government Printing Office (GPO), you may use the order form in Appendix A 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 by phone may call 202-783-3238. Individuals may FAX orders if they have a deposit account, VISA, MasterCard or Federal Government Purchase Order to 202-512-2233. Remittance or deposit account numbers should be sent with all mail orders and, unless otherwise specified, non-U.S. orders should include an additional 25% of the domestic price to cover mailing. To avoid delays, send a separate order for each GPO title requested, and include full title, price and GPO Stock Number (for individual publications) or GPO List ID (for subscriptions).

Portions of the NLM Classification Scheme on the NLM Gopher

NLM is making selected portions of the *NLM Classification: A Scheme for the Shelf Arrangement of Library Materials in the Field of Medicine and Its Related Sciences* available on the NLM Gopher for a short period of time. This will enable use of the new classification numbers before receipt of the print publication from the Government Printing Office (GPO). The following files are available through March 1995:

Introduction - A brief history of the NLM Classification and the scope of the revision.

NLM Classification Practices - An overview of NLM classification practices, including special plans, serial publications, application of Library of Congress Schedules, and changes in classification practice since the fourth edition.

Table G - A system of notations for geographic or jurisdictional arrangements under special class numbers in the NLM Classification, information for applying the table, and a list of obsolete geographic notations.

Introduction to the Index of the Classification - An overview to the Index and instructions for its use.

Numbers Added or Deleted - Two tables--the first for new numbers and the second for deleted numbers. To get these files from the NLM Gopher, gopher to gopher.nlm.nih.gov, select Technical services resources and information, then select NLM Classification.

MeSH in Non-English Languages

The *MeSH Annotated Alphabetic List* has been translated into a number of languages. The National Library of Medicine is currently aware of translations into the following languages. Please note, the currency of these translations is uncertain.

Arabic (in process?)	Japanese
Catalan	Polish
Chinese	Portuguese
Czech	Russian
Dutch (in process?)	Slovene
French	Spanish
German	Thai
Greek	

For more information on these MeSH translations, or if you know of other languages into which MeSH has been translated, please send a letter to:

Lois Ann Colaianni
Associate Director, Library Operations
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894

Hospital Literature Index Redesigned and Renamed for 1995

To enhance quality, ease of use, and to reposition the *Hospital Literature Index* to better reflect both the changing direction of the American Hospital Association (AHA) and the current restructuring of the health care system, the AHA Resource Center has redesigned the *Index* for 1995.

The title of the *Index* will change from *Hospital Literature Index* to *Hospital and Health Administration Index* beginning with Volume 51, Number 1, 1995. This new name indicates more accurately its broad scope and content. While limited to English-language serial publications and emphasizing the United States and the Industrialized World, the *Index* contains literature on all aspects of health care administration, financing, delivery, policy, and planning in all types of health facilities.

In addition, the publication frequency of the *Hospital and Health Administration Index* will be reduced from four to three issues annually. The third issue will be an annual hardbound cumulation that includes citations for the third trimester. Also, format, section sequencing, and introductory changes will give the *Index* a new look and make it easier for users to find the information they need.

Lastly, the *Vocabulary Search Guide*, which previously had been distributed as a separate piece by the AHA Resource Center, will become part of the first and third issues of the *Index*. As well as providing hierarchical and permuted MeSH references, the *Guide* lists current concepts under discussion in the literature that are not in MeSH, such as all-payer systems, benchmarking, and integrated delivery systems, along with the subject heading(s) under which these topics may appear. MeSH "see related" and "see" references will also be retained within the Subject Section.

The prices of the 1995 *Hospital and Health Administration Index* (AHA catalog number M0940) have been set at \$255.00 for AHA members and \$330.00 for nonmembers.

New *Bibliography of Bioethics* Available

Volume 20, 1994, of the annual *Bibliography of Bioethics* has been published by the Kennedy Institute of Ethics, Georgetown University. The volume is organized for easy accessibility with 811 pages and 3,600 references to such topics as AIDS, allowing to die, cloning, confidentiality, euthanasia, gene therapy, human experimentation, health resource allocation, and organ and tissue donation.

The bibliography, which corresponds to the BIOETHICSLINE database, is the world's most comprehensive published citation source for locating literature about the ethical, legal and public policy aspects of health care and biomedical research. References are to journal articles, bills or laws, court decisions, chapters from books, government documents, books and news reports.

The *Bibliography of Bioethics* is edited by LeRoy Walters, Ph.D., Joseph P. Kennedy, Sr. Professor of Christian Ethics, and Tamar Joy Kahn, M.L.S., senior bibliographer, Kennedy Institute of Ethics, Georgetown University. The series began in 1975 and has been published since 1984. Publication is supported by funding from the National Library of Medicine.

The new 1994 volume is available for \$60.00 (U.S., Canada, and Mexico; \$70.00 elsewhere) from:

The Kennedy Institute of Ethics
Georgetown University
Washington, DC 20057-1065
800-MED-ETHX or 202-687-6689

1993 Technical Bulletin Index

The 1993 Index to the *Technical Bulletin* is now available. Requests should be directed to:

1993 *Technical Bulletin* Index
MEDLARS Management Section
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894
Fax: 301-496-0822

Corrected Address

There should be no "@" sign in the address for the NLM Gopher as shown on page 21 of the September-October 1994 *Technical Bulletin* article entitled "Serials Information Available via ftp." The address should read gopher.nlm.nih.gov. □

Proximity Searching in ELHILL

The new system implementation of ELHILL with 1995 MeSH and the new file configuration was made available on December 10, 1994. However, proximity searching, first announced on page 6 in the September-October 1994 issue of the *Technical Bulletin*, was not included because it is still under development.

Continued from page 1

searched or citations retrieved. There is one honorable mention. George Kerkemeyer used Grateful Med to search in HEALTH and retrieved 23 highly relevant citations.

Comparison of the Search Strategies

The Gold Standard Search retrieved 84 citations in BIOETHICSLINE; see Figure 1. An alternate strategy run in file HEALTH retrieved 50 citations; see Figure 2. Mr. Tobin's strategy retrieved a total of 162 citations from the MEDLINE, HEALTH, and BIOETHICSLINE databases; see Figure 3.

Choosing a File

The choice of file in this case was not immediately obvious. Relevant material is available in MEDLINE. However, because the question is specifically about the functioning of a bioethics committee within a patient care setting, either the HEALTH file or the BIOETHICSLINE file would be the logical first step. Retrieval in BIOETHICSLINE proves to be more comprehensive and provides access to materials unavailable in any other file. However, file HEALTH will still provide you with fifty solid citations. So while BIOETHICSLINE is the best choice for a comprehensive search, file HEALTH would still yield a good search.

Search Strategy Suggestions

When searching BIOETHICSLINE, a specialized database, which uses a different indexing vocabulary than MEDLINE, it is important to consult the *Bioethics Thesaurus* (which is for sale from the Kennedy Institute of Ethics, 1-800-MED-ETHX, or it may be obtained by anonymous ftp from [nlmpubs.nlm.nih.gov](ftp://nlmpubs.nlm.nih.gov)). Alternatively the user could search on Text Words (TW) or Title Fragment Text Words (TF) and look at the indexing terms assigned to particularly relevant citations. The command PRINT KIE will display citations with their Keywords. In this particular case, BIOETHICSLINE has so many citations on ethics committees that it differentiates "clinical ethics

committees" from "research ethics committees." When Mr. Tobin searched in BIOETHICSLINE, he did not use the Keyword CLINICAL ETHICS COMMITTEE and so omitted many relevant citations.

If you were searching in files HEALTH or MEDLINE, the MeSH headings, ETHICS COMMITTEES and PROFESSIONAL STAFF COMMITTEES combined with EXPLODE ETHICS were fairly obvious choices and in fact were selected by most entrants. The Gold Standard Search narrowed the retrieval by searching on UNITED STATES (PX).

Mr. Tobin chose the two MeSH committee headings combined with various subheadings and ran his search in MEDLINE. He then SAVED his strategy and ran it in the HEALTH file, limited it to the years 1991 and forward, and eliminated the MEDLINE overlap. Then he T-filed over to BIOETHICSLINE and searched on the Keyword (KW) field for ETHICS COMMITTEES. After searching these three files, the SPRINT SORT COMBINED command was used to print all the citations in journal title order. His search takes advantage of many of the sophisticated capabilities available to the command language searcher in ELHILL and Mr. Tobin is to be congratulated on using so many of these features to produce an extremely well done search.

Using the relevant MeSH headings or Keywords for this Gold Standard Search results in a large retrieval, so it may be necessary to decide whether to narrow the retrieval and then how should this narrowing be done. Applying the subheading "organization & administration" to the committee terms is one way to do it. Or you could narrow the search by limiting the retrieval to the current year or two years. Or as Mr. Kerkemeyer did, you could add some other MeSH headings, such as GROUP PROCESSES or PROGRAM DEVELOPMENT to narrow your search to those particular aspects of committee function that were of interest to the requester.

The Next Gold Standard Search

The search question is:

The user is giving a presentation on "unnecessary" cesarean sections and would like material to review on this subject, going back no further than 1992.

Results will be published in the March-April 1995 *Technical Bulletin*. Entries must be received by February 20, 1995 to be considered.

Mail us a copy of your search strategy and include a printout of citations and abstracts (only the first 50 please). If your strategy is selected for publication you could win either a copy of Grateful Med or one hour of free search time. In cases of multiple submissions of identical winning strategies, the prize winner will be either the person who is a first time winner or the first winning strategy received.

Search Hints for Direct Searchers

Select your database carefully. Limit your retrieval to English-language citations.

Search Hints for Grateful Med Users

Select your database carefully. Remember to use the F10 key to look at MeSH headings. Users with the

Macintosh version of Grateful Med should view MeSH headings by clicking on Find MeSH Term on the search screen. Limit your retrieval to English.

Reminder

There are no exact answers or absolutely correct strategies, only best approximations, just like real life. Good luck!

Please send a copy of your search strategy with the retrieval, including printed abstracts, which database was searched and whether you searched directly or used Grateful Med to:

Gold Standard Search
MEDLARS Management Section
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894 □

SS 1 /C?
USER:
file bioethicsline

PROG:
YOU ARE NOW CONNECTED TO THE BIOETHICS (1973 FORWARD) FILE.

SS 1 /C?
USER:
(kw) *ethics committees or *clinical ethics committees

PROG:
SS (1) PSTG (585)

SS 2 /C?
USER:
(kw) organization a#d administration or administrators or program descriptions
or *standards or *guidelines or *evaluation

PROG:
SS (2) PSTG (3758)

SS 3 /C?
USER:
1 and 2

Figure 1 - Gold Standard Search in BIOETHICSLINE

PROG:
SS (3) PSTG (190)

SS 4 /C?
USER:
3 and greater than 90 (yr)

PROG:
SS (4) PSTG (84)

SS 5 /C?
USER:
prt ti, so

- The following sample citations were selected to feature some of the references that are found only in BIOETHICSLINE.

TI - Clinical Bioethics: Theory and Practice in Medical Ethical Decision-Making.
SO - Kansas City, MO: Sheed and Ward; 1994. 232 p.
PT - MONOGRAPH

TI - Educating ethics committee members: programs and networking.
SO - <In:> Monagle, John F.; Thomasma, David C., eds. Health Care Ethics: Critical Issues. Gaithersburg, MD: Aspen Publishers; 1994: 353-357.
PT - ANALYTIC

TI - Infant care review committees in the aftermath of Baby Doe.
SO - <In:> Caplan, Arthur L.; Blank, Robert H.; Merrick, Janna C., eds. Compelled Compassion: Government Intervention in the Treatment of Critically Ill Newborns. Totowa, NJ: Humana Press; 1992: 285-297.
PT - ANALYTIC

TI - The Higher Ground: Biomedical Ethics and the Physician Executive.
SO - Tampa, FL: American College of Physician Executives; 1991. 86 p.
PT - MONOGRAPH

TI - Guidelines for the Chaplain's Role in Bioethics.
SO - Issued by the College of Chaplains, Inc., 1701 E. Woodfield Rd., Ste. 311, Schaumburg, IL 60173, telephone: (708) 240-1014; 1992 Mar. 4 p.
PT - UNPUBLISHED DOCUMENT

Figure 1 - Gold Standard Search in BIOETHICSLINE cont.

SS 1 /C?

USER:
file health

PROG:
YOU ARE NOW CONNECTED TO THE HEALTH PLANNING & ADMIN (1975 FORWARD) FILE.

SS 1 /C?

USER:
*professional staff committees/og and exp *ethics

PROG:
SS (1) PSTG (118)

SS 2 /C?

USER:
*ethics committees/og

PROG:
SS (2) PSTG (86)

SS 3 /C?

USER:
1 or 2

PROG:
SS (3) PSTG (204)

SS 4 /C?

USER:
3 and united states (px)

PROG:
SS (4) PSTG (138)

SS 5 /C?

USER:
4 and health facilities (px)

PROG:
SS (5) PSTG (102)

SS 6 /C?

USER:
5 and 94 (yr) or 5 and 93 (yr) or 5 and 92 (yr) or 5 and 91 (yr)

PROG:
SS (6) PSTG (50)

SS 7 /C?

USER:
6 and not for

PROG:
SS (7) PSTG (50)

Figure 2 - Alternate Gold Standard Search in File Health

SS 1 /C?

USER:
file med

PROG:

YOU ARE NOW CONNECTED TO THE MEDLINE (1991 - 94) FILE.

SS 1 /C?

USER:
subs apply og,st,td,ut,lj

PROG:

SUBHEADINGS ACCEPTED.

SS 1 /C?

USER:
*ethics committees

PROG:

SS (1) PSTG (50)

SS 2 /C?

USER:
*professional staff committees

PROG:

SS (2) PSTG (106)

SS 3 /C?

USER:
subs cancel

PROG:

SUBHEADINGS CANCELLED.

SS 3 /C?

USER:
2 and exp *ethics, medical

PROG:

SS (3) PSTG (8)

SS 4 /C?

USER:
1 or 3

PROG:

SS (4) PSTG (58)

SS 5 /C?

USER:
4 and not for

Figure 3 - Paul Tobin's Search

PROG:
SS (5) PSTG (49)

SS 6 /C?

USER:

save ethcom

- Search strategy is saved.

PROG:

SEARCH SET FROM SS 1 FORWARD SAVED AS 'ETHCOM'.

SS 6 /C?

USER:

tfile health

- Tfile command is given to get to file HEALTH without losing the 5 MEDLINE search statements.

YOU ARE NOW CONNECTED TO THE HEALTH PLANNING & ADMIN (1975 FORWARD) FILE.

SS 6 /C?

USER:

ethcom (sn)

- Note you are still at SS 6 in File HEALTH
- The saved search strategy from MEDLINE is run.

PROG:

SS (6) PSTG (167)

SS 7 /C?

USER:

6 and not med (si)

- MEDLINE citations are eliminated from the retrieval.

PROG:

SS (7) PSTG (102)

- These citations are unique to file HEALTH.

SS 8 /C?

USER:

7 and 94 (yr)

PROG:

SS (8) PSTG (17)

SS 9 /C?

USER:

7 and 93 (yr)

PROG:

SS (9) PSTG (27)

SS 10 /C?

USER:

7 and 92 (yr)

PROG:

SS (10) PSTG (30)

SS 11 /C?

USER:

7 and 91 (yr)

Figure 3 - Paul Tobin's Search cont.

PROG:
SS (11) PSTG (15)

SS 12 /C?
USER:
8 or 9 or 10 or 11

PROG:
SS (12) PSTG (89)

SS 13 /C?
USER:
tfile bioethics

- The Tfile command is used to change files to BIOETHICS.

PROG:
YOU ARE NOW CONNECTED TO THE BIOETHICS (1973 FORWARD) FILE

SS 13 /C?
USER:
*ethics committees (kw)

- User searches on Keywords in this file.

PROG:
SS (13) PSTG (44)

SS 14 /C?
USER:
13 and 94 (yr)

PROG:
SS (14) PSTG (2)

SS 15 /C?
USER:
13 and 93 (yr)

PROG:
SS (15) PSTG (7)

SS 16 /C?
USER:
13 and 92 (yr)

PROG:
SS (16) PSTG (6)

SS 17 /C?
USER:
13 and 91 (yr)

PROG:
SS (17) PSTG (9)

SS 18 /C?
USER:
14 or 15 or 16 or 17

Figure 3 - Paul Tobin's Search cont.

PROG:
SS (18) PSTG (24)

SS 19 /C?

USER:

sprint 5,12,18, sort comb

- User combines results from all three files for sorting and printing using the SPRINT command.

PROG:

COMBINED SEARCHES WITH 162 ITEM(S) FROM MORE THAN ONE DATABASE ARE NOW READY FOR SORTING.

ENTER SORT SPECIFICATIONS, 'SAME', OR 'NONE':

USER:

jnl

- After requesting sort at SS 19, user now specifies jnl, so the listing will print in alphabetical order by journal title abbreviation.

PROG:

SORT SPECIFICATIONS HAVE BEEN CHECKED FOR VALIDITY AGAINST THE MEDLINE FILE.

ENTER SPECIFICATIONS FOR PRINTING (E.G., BR, SD, FU, DL), OR 'SAME' (DO NOT USE THE WORDS 'PRINT' OR 'PRT'):

USER:

sd compr

- Sample citations from the three files follow.

PROG:

PRINT ELEMENTS, IF ANY, WILL BE EVALUATED AGAINST THE MEDLINE FILE.

1 (BIOETHICS)

UI - 40566

AU - Grisso, Thomas ; Baldwin, Elizabeth ; Blanck, Peter David ; Rotheram-Borus, Mary Jane ;
Schooler, Nina R. ; Thompson, Travis

TI - Standards in research: APA's mechanism for monitoring the challenges.

SO - American Psychologist. 1991 Jul; 46(7): 758-766.

2 (MEDLINE)

UI - 94317884

AU - La Puma J ; Schiedermayer D

TI - Ethics committees, due process, and compassion [letter; comment]

CM - Comment on: Ann Intern Med 1994 Feb 15;120(4):320-5 ; Comment on: Ann Intern Med 1994 Feb 15;120(4):335-8

SO - Ann Intern Med 1994 Sep 1;121(5):386; discussion 387

Figure 3 - Paul Tobin's Search cont.

3 (MEDLINE)

UI - 94317885

AU - Finucane TE

TI - Ethics committees, due process, and compassion [letter; comment]

CM - Comment on: Ann Intern Med 1994 Feb 15;120(4):320-5 ; Comment on: Ann Intern Med 1994 Feb 15;120(4):335-8

SO - Ann Intern Med 1994 Sep 1;121(5):386-7

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7 (HEALTH PLANNING & ADMIN)

SI - AHA/93038304

AU - Skene L

TI - Six values for ethical decisions: a guide for new members of ethics committees.

SO - Aust Health Rev 1991;14(4):434-49

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National Library of Medicine Access Gateway

Introduction

A new feature will provide searchers with a seamless gateway to all subsystems on the MEDLARS computers. A menu will provide selections to gate directly to ELHILL databases (including MEDLINE), PDQ, TOXNET, DOCLINE, etc. This greeting menu will appear sometime after mid-December and may affect your access script, particularly if your telecommunications software has automatic login scripts that rely on timing rather than keying on character recognition. NLM plans to begin "turning on" the new feature on the basis of terminal

types, e.g., 3270 full-screen, VT100 "dumb" terminal emulation, ANSI, etc. If the system can sense that your equipment is other than dumb terminal emulation, you may see colors, change in font, cursor control, etc. made available to you depending on your equipment's capabilities.

Within the year it is hoped that selections will be added for users to make address changes, obtain a code and password online, and to purchase Grateful Med. Also, a direct gateway to PDQ from ELHILL databases or vice versa using the FILE command is expected. For example, you could gate from MEDLINE to PDQ by using a FILE PDQ command. See the article in the July-August Technical Bulletin on pages 17-19.

Here is an idea of what the new greeting menu will look like:

```

      NATIONAL LIBRARY OF MEDICINE

      Bethesda, Maryland, U.S.A.
      01:47:42 pm EST on Wednesday, December 14, 1994
      NetworkID: Q1LU018-NT4-1.20

      ==> MEDLINE will be unavailable from 11 PM EST, Friday, December 9th, <==
      ==> until Noon, Saturday, to load the 1995 Class-Maintained databases. <==

MEDLARS INFORMATION RETRIEVAL SELECTIONS   LIBRARY PROCESSING SELECTIONS
B - Biomedical Databases (MEDLINE, etc.)    D - DOCLINE   Authorized Libraries
A - Clinical Alerts                          M - M204     NLM Use Only
                                              C - CICS     NLM Use Only

                               Assistance/News

      H - Help (Information about NLM services and facilities)
      X - Logoff/Disconnect

PLEASE ENTER LOGIN SELECTION
  
```

How to Use

Type the letter indicating your choice and press the ENTER key (or carriage return key). "Login" or "/login" will continue to work; thus Grateful Med should have no problem reading and skipping over this greeting menu. TOXNET and PDQ will be added as selections in

the future. Searchers accessing the ELHILL system (MEDLINE, etc. databases) may need to revise their access scripts. Users should continue to access TOXNET by specifying its separate address for the time being. Users should continue to access PDQ by typing "logon" and entering their User ID code and PDQ password. □

More on MeSH

Qualifier Cross-Reference (QX) Information in Topical Subheading Records for the 1995 MeSH

The Qualifier Cross-Reference (QX) data element in the 1995 MeSH Vocabulary File has been expanded to include entries for most topical subheadings. The QX is an entry term to the Subheading (SH), similar to the way the Backward Cross Reference (BX) operates as a pointer to a MeSH heading. Unlike the BX, however, the QX cannot be used in place of the Subheading in searching; no automatic mapping between Qualifier Cross References and Subheadings takes place in ELHILL. The QXs are used, however, in the Grateful Med MeSH displays.

The QX entries have a subelement appended indicating the relationship of the QX to the SH. This relationship identifier was introduced for potential use in future retrieval systems at NLM and elsewhere. For example, the identifier EQV indicates that the QX is roughly equivalent in meaning to the SH.

SH - therapy
QX - treatment:EQV

Other possible values in this subelement are NRW for narrower, BRD for broader, and REL for related-to, which is used for an unspecified relationship.

SH - etiology
QX - causality:EQV
QX - causes:EQV
QX - contributing factors:NRW
QX - pathogenesis:NRW

SH - radiography
QX - roentgenography:EQV
QX - X-ray diagnosis:EQV
QX - X-ray image:EQV
QX - X-ray:BRD

Figure 1 shows an example of how the new QX field could be used in locating the appropriate subheading in file MeSH. In this example the searcher is searching file MeSH to see if the term treatment has a related MeSH subheading. The presence of a QX field indicates that there is a related subheading and by giving the PRINT INCLUDE QX command, the searcher will see the subheading displayed and the relationship of the Qualifier Cross Reference to the subheading.

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

PROG:
YOU ARE NOW CONNECTED TO THE MESH VOCABULARY (1995) FILE.

SS 1 /C?
USER:
treatment

PROG:
MM (TREATMENT) (3)
  1 TREATMENT (QX)
  2 TREATMENT (NF)
  3 TREATMENT (MH)
SPECIFY NUMBERS, ALL, OR, NONE-

USER:
1
```

Figure 1 - Using the Qualifier Cross Reference (QX) Field in a MeSH File Search

```

PROG:
SS (1) PSTG (1)

SS 2 /C?
USER:
prt indented include qx

PROG:

1
SUBHEADING - therapy
QUAL ENTRY VERSION - THER when treatment (QX) is searched.
TOPICAL QUAL ABBREV - TH
QUALIFIER TYPE - 1
QUALIFIER XREF - disease management:EQV
QUALIFIER XREF - treatment:EQV
    
```

- The subheading therapy is retrieved.

Figure 1 - Using the Qualifier Cross Reference (QX) Field in a MeSH File Search cont.

Errata Notice: 1995 Annotated MeSH

Errors in the records for FIMBRIAE, BACTERIAL and PILI, SEX were identified after the 1995 edition of MeSH had closed and gone to press. For 1995, an existing heading, PILI, BACTERIAL was changed to FIMBRIAE, BACTERIAL and a new heading, PILI, SEX was created. The former heading is now a printed *see* reference to FIMBRIAE, BACTERIAL. The errors were associated with the misplacement of that reference in the PILI, SEX record instead of the FIMBRIAE, BACTERIAL record. In reviewing the necessary corrections, it was also determined that a *see related* reference from PILI, SEX should be made to CONJUGATION, GENETIC.

The corrected entries below are reproduced in a format that will permit their insertion on the appropriate pages of the 1995 *MeSH, Annotated Alphabetic List*.

Bacterial Pili see Fimbriae, Bacterial

Conjugation, Genetic

```

G5.386.192          G5.825.192
68
X   Bacterial Conjugation
XR  Crosses, Genetic
XR  Pili, Sex
    
```

- This is a new backwards cross-reference.

Fimbriae, Bacterial

```

A11.368.702.292
appendages of gram-neg bact; pili unspecified probably goes here; coord IM
with specific bacterium (IM or NIM) if pertinent; A 11 qualif except /cytol;
/genet permitted; DF: FIMBRIAE BACT
    
```

95; was PILI, BACTERIAL 1980-94; FIMBRIAE, BACTERIAL was see PILI, BACTERIAL 1980-94

see related

```

Adhesins, Bacterial
X   Bacterial Fimbriae
X   Bacterial Pili
X   Common Fimbriae
X   Common Pili
X   Pili, Bacterial
X   Pili, Common
    
```

Pili, Sex

```

A11.368.702.679
note X refs: do not confuse with COMMON PILI see FIMBRIAE,
BACTERIAL; coord IM with specific bacterium (IM); A 11 qualif except
/cytol; /genet permitted
    
```

95

see related

```

Conjugation, Genetic
X   Conjugative Pili
X   Pili, Conjugative
X   Sex Pili
    
```

The databases accurately reflect the online record in the FIMBRIAE, BACTERIAL entry above. All occurrences of PILI, BACTERIAL have been changed to FIMBRIAE, BACTERIAL. □

--prepared by Peri Schuyler and Doug Johnston
MeSH Section

Permanent Paper Data in SERLINE

The Permanent Paper data in SERLINE has been streamlined. The data will still indicate if the title is currently printed on acid-free paper and if there is a notice in the journal to that effect. However, the Permanent Paper Reporting Date (PDT) field, the Permanent Paper Year (PYR) field, and the Permanent Paper (PP) field, which was simply a one line listing of data from the permanent paper fields in the database, have been removed from SERLINE.

The Permanent Paper Level (PLV) field will continue to indicate the most recent information NLM staff has obtained about the level of conformance to the ANSI standard for permanent paper. A value of "1" indicates that the journal is published on acid-free paper. A value of "2" indicates that the paper used is acid-free in accordance with ANSI Z39.48-1984.

The Permanent Paper Notice (PNT) field will continue to indicate if issues of the journal have a notice stating that the paper used is acid-free. Possible values in this field are "Y" or "N."

Both PLV and PNT are directly searchable fields.

All titles in the *List of Journals Indexed in Index Medicus* and *List of Serials Indexed for Online Users* will have the notation "ACID-FREE" if the value of PLV in SERLINE is "1" or "2."

Figure 1 shows an example of how a record with permanent paper data will now look using the PRINT PRESERVE (PRT PRES) INDENTED command. (The indented format displays the full field name instead of the mnemonic.) □

--prepared by Esther Baldinger
Serial Records Section

TITLE	ANNALS OF THE NEW YORK ACADEMY OF SCIENCES
FIRST/LAST ISSUE	1,1877—
CITY OF PUBLICATION	NEW YORK NY
PUBLISHER	NEW YORK ACADEMY OF SCIENCES
GENERAL NOTE	SUPERSEDES LYCEUM OF NATURAL HISTORY OF NEW YORK / ANNALS.
QUEUE DATE	940201
QUEUED VOLUMES	21-22,46
QUEUED YEARS	1911-1913,1946/47
FILM DATE OF ENTRY	871124
FILM REVISION DATE	880719
ARCHIVAL FILM VOLUMES	1-46
ARCHIVAL FILM YEARS	1877-1947
FILM NUMBER	S01352
PERMANENT PAPER LEVEL	2
PERMANENT PAPER NOTICE	Y
UNIQUE IDENTIFIER	A35175000

Figure 1 - Permanent Paper Data in a SERLINE Record

Grateful Med Update

What's New with Grateful Med

As in the past, the National Library of Medicine will be sending out an update for both versions of Grateful Med (Macintosh and PC). This update will be shipped to all registered Grateful Med users free of charge.

This update is designed to make several changes to Grateful Med necessary for optimal performance with the NLM computer (ELHILL System). Annual year-end changes on the NLM computer went into effect December 12. (See the September-October 1994 *Technical Bulletin* for articles describing system changes and the schedule for implementation.) The changes to Grateful Med, in addition to keeping the software current, are designed to increase searching efficiency.

PC version

The update will work for Versions 6.0 and 6.5; in other words, if you have Version 6.0 and have not installed any of the previous upgrades to it, you can proceed directly with the current upgrade without going back to any of the previous upgrade disks. Once you have received and installed the 1995 update, the version number will be 6.6 and the following features will be available:

- **MEDLINE and Older Material**

The year ranges covered by MEDLINE and its 'Older Material' files have been changed. The current MEDLINE file now contains articles that were published in 1992 to present. The 'Older Material' files are contained in five different year ranges: 1990-1991, 1985-1989, 1980-1984, 1975-1979, and 1966-1974.

- **1995 MeSH**

The Medical Subject Headings have been updated to the 1995 vocabulary, which includes over 400 new headings plus changes to the existing subject headings.

- **New communications module**

The Grateful Med communications module that handles modem communications (gmcasync.exe) has been updated to support additional modem types, including PCMCIA.

Running a search after December 12 but before receiving and installing the Version 6.6 update disks will result in this message and prompt:

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)?

Answer "y" to this prompt to update the Backfile configuration in Grateful Med.

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

Additional information about the 6.6 update can be found in the README file included with the update.

Macintosh version

Once you have received and installed the Macintosh update, the version number will be 2.2. Version 2.2 is a complete replacement of Versions 2.0 and 2.1; you do not need to have these earlier versions in order to install Version 2.2. The 1995 MeSH and the MEDLINE backfiles will be updated in Version 2.2 as they will be in the PC Version 6.6. In addition, two other features are worth noting.

- **Saving and Printing Search Results**

By popular demand, the saving and printing features in Version 2.2 have been completely revised. The changes will provide an easier method of marking references to save and print. After you run a search, your references will be reformatted in the familiar "Untitled-1 Results" window. You will see an

additional check box labeled "Mark (to save or print)" in the upper right corner. Once you have marked the references you want, you can select the menu items "Save Marked" or "Print Marked" from the File menu. The references you marked will then all be saved to a file or printed on your printer. You can still save or print the entire set of references by selecting Save, Save As... or Print from the File menu.

- **Loansome Doc for Canada**

Loansome Doc will now support Canadian users. The 'State' field on the Loansome Doc configuration screen will now accept the two-character abbreviations for Canadian provinces and the 'Zip Code' field will now accept Canadian postal codes, thereby allowing users living in Canada to order articles via Loansome Doc.

Mac Users

If you need to search for older material in MEDLINE (1966-1991) after December 12 but before you receive your update, you can temporarily update your Grateful Med program to work with the new MEDLINE backfile configuration by obtaining a new "dbs" file from the MEDLARS Management Section. Please fax your request to 301-496-0822 and a disk containing the new file will be mailed to you. Please include your full mailing address. This same file is available for anonymous ftp from `gmedserv.nlm.nih.gov` in the `/grateful/mac` directory.

Additional information about the Version 2.2 update can be found in the README file included with the update. □

*--prepared by Susan VonBraunsberg
and Catherine Soehner
MEDLARS Management Section*

New Non-Fee NLM Internet Service Available via E-Mail

Recognizing that for many people Internet access means only having the ability to send and receive e-mail, NLM is please to announce a new e-mail based file server. Now, by accessing the e-mail based file server, users can obtain documents found on both the NLM anonymous ftp server and the NLM Gopher server.

To request a file, you will need to know its complete path and file name. To find out the names and locations of files, you may request an index of available files, or you may perform searches of directories or file names to locate files of interest.

For example, to obtain this issue of the *Technical Bulletin*, send an e-mail message to:

files@mailserv.nlm.nih.gov

Leave the subject line blank. In the body of the message, enter the commands:

```
BEGIN
SEND /nlminfo/newsletters/techbull/novdec94.ps
END
```

After receiving your message, the e-mail file server will mail the file novdec94.ps back to you. (Note: the .ps at the end of the file name indicates that the *Technical Bulletin* is a PostScript file, and you must have a PostScript printer in order to print it.)

In addition to the SEND command, which is used to request files, you may also perform the following functions:

```
BEGIN
INDEX
END
```

(To retrieve an index of all available files)

```
BEGIN
SEARCH (word)
END
```

(To search for files containing a word)

```
BEGIN
SEND HELP
END
```

(To obtain a detailed description of the e-mail file server and a complete list of commands)

Questions and comments about the NLM e-mail file server should be e-mailed to:

admin@mailserv.nlm.nih.gov ☐

--prepared by Mark Silverman
Office of Computer and Communication Systems

New FTS2000 Network for MEDLARS Access

Background

In December 1988, the U.S. government made a contract award split between Sprint (Telenet) and AT&T. This contract provides voice phone service and data communications for the Federal Telephone System (FTS) and the award was called "FTS2000." Each government agency was assigned to one of the two vendors (for example, the Veterans Administration was assigned to Sprint). NLM was assigned to AT&T. Most Federal agencies, therefore, have been using either Sprint or AT&T for voice service for some years.

NLM must now work toward switching MEDLARS online users to the AT&T network from the data communications providers currently under contract to NLM. The current contract providers are: Sprint (Telenet), TYMNET, and CompuServe. All domestic United States users of ELHILL databases such as MEDLINE as well as PDQ and DOCLINE users are included in this switch over to FTS2000. NLM would like to transition U.S. searchers to the new AT&T network by December 1995. Access to NLM systems and databases via direct dial for local users in the Washington, D.C. area and access via the Internet will remain the same. Canadian and other non-U.S. MEDLARS users are not affected by this changeover to AT&T FTS2000 service.

Good News

The switch to the new AT&T network offers several benefits:

1. Users will no longer have to consult confusing listings of multiple numbers for various cities and modem operating speeds because:
 - A. There will be only one toll-free number to dial regardless of the searcher's geographic location: 1-800-525-0216
 - B. Multiple modem speeds are supported: 300, 1200, 2400, and 9600 baud.
3. Proven AT&T reliability and redundancy.
4. Industry-standard, x.25 packet-switched protocol, complete with error-checking -- just like the current networks.

Transition Plan

NLM plans to transition current Sprint (Telenet), TYMNET, and CompuServe network users to the new network according to the following schedule. Sufficient communications lines will be available from the beginning and, if needed, more lines will be added. Meanwhile, none of the existing network connections will be decreased. The plan outlined here should provide an orderly incremental change.

January and February 1995 -

All current WATS users

Users with no local dial network access have been using Sprint, TYMNET, and CompuServe WATS numbers. For a year or so, NLM also handed out a FTS2000 WATS number. Because of the high costs of WATS services, WATS searchers including command language and Grateful Med users should switch over to the new FTS2000 AT&T 1-800 packet switched service now. Try the new network and report any problems as quickly as possible.

March and April 1995 - Regions 1 and 2

Users in the states of Alabama, Delaware, Florida, Georgia, Maryland, Mississippi, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia, the District of Columbia, Puerto Rico and the U.S. Virgin Islands should transition beginning in March from the present networks to the new FTS2000 service.

May and June 1995 - Regions 3 and 4

Users in the states of Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Utah, Wisconsin, and Wyoming should transition to the new FTS2000 AT&T network during May and June.

July and August 1995 - Regions 5 and 6

Users in the states of Alaska, Arkansas, Idaho, Louisiana, Montana, New Mexico, Oklahoma, Oregon, Texas, and Washington should transition to the FTS2000 network in July and August.

September and October 1995 - Regions 7 and 8

Users in the states of Arizona, California, Connecticut, Hawaii, Maine, Massachusetts, Nevada, New Hampshire, Rhode Island, Vermont, and American Samoa, Guam and military posts should transition to the new FTS2000 AT&T network.

Problem Reporting

Substantial testing was conducted by NLM staff, the Regional Medical Libraries, and a group of about 50 hospital librarians. However, should you experience difficulties or need assistance, please follow the procedures outlined below.

If you experience problems, report them by any of the following means:

1. Call the MEDLARS Management Section at: 800-638-8480; **or**
2. Fax the MEDLARS Management Section at: 301-496-0822; **or**
3. If you have Internet access, e-mail to the MEDLARS Management Section at: mms@nlm.nih.gov

When you report a problem, be sure to include the line speed, time of access, error message (if any) or any other specifics (i.e., disconnected mid-search, didn't disconnect

properly, unable to login, etc.) as the details will be helpful in resolving any unexpected problems. Please immediately report any connectivity problems. If connectivity or other problems are experienced, you will currently be able to switch and, for the time being, use one of the other networks. Reports on the transition (including problems and their resolution) will be available through the \$INFO facility (searchers type: \$INFO FTS).

Access Procedures for Command Language Searchers

Equipment settings are: full duplex, 7 data bits, even parity, 1 stop bit (the settings you already use). Figure 1 shows the access procedure for searchers using command language to access NLM via the new FTS2000 AT&T packet switched service. The bolded items are typed in by the searcher; (cr) = Enter key or Carriage Return key.

User:	Dial 1-800-525-0216
Computer response:	Connect 2400 (the number will vary depending on the communication speed)
User:	(cr)
Computer response:	WELCOME TO AT&T FTS2000. Enter login:
User:	NLMMED (cr)
Computer response:	Enter password:
User:	medlars (cr) (password must be in lower case!)
Computer response:	last login 06/17/94 112:26:00 from 9049059 (The date, time, and point or origin number will vary.) Please Wait 9217355/9303262 (These originating and terminating Network Telephone Numbers will vary.) FAC; P(12,128),w(2,2)d(9600,9600) COM (These numbers may vary.) PLEASE ENTER LOGIN
User:	login
Computer response:	PLEASE ENTER USERID/PASSWORD
User:	xyz24/password (Type in your own User ID/password.)

Figure 1 - FTS2000 Access Procedure for Command Language Searchers

TOXNET

Command language searchers should access MEDLARS using the new 1-800-525-0216 number following the procedure shown in Figure 1. They should then utilize the ELHILL/ TOXNET gateway by simply typing the FILE command with the name of the TOXNET file they wish to search, e.g., FILE HSDB. Or, type FILE TOXNET to display a menu of TOXNET files from which to choose.

PDQ

It is expected that PDQ will be accessible via a gateway from ELHILL to PDQ (like the TOXNET gateway) soon. However, for now, PDQ users should type **logon** instead of login when prompted with PLEASE ENTER LOGIN followed by their User ID code/**PDQ password**.

Access Procedures for DOCLINE

All DOCLINE users not accessing through the Internet (3270 emulation or line-by-line) or direct dial should transition as soon as possible to the new FTS2000 service. DOCLINE users follow the same procedures as outlined above, but type **docline** when requested by the MEDLARS computer to PLEASE ENTER LOGIN, followed by their User ID code and password. Many DOCLINE users use a different User ID code/password combination than the one used for regular MEDLARS searching. A special mailing about using FTS2000 AT&T service has already been sent to DOCLINE users.

Access Procedures for Grateful Med Searchers

IBM PC and PC-compatible, Version 6.6

The slot previously designated for FTS WATS was changed with the update (Grateful Med 6.5) to provide for the AT&T packet-switched network FTS2000 access. Follow these steps:

1. Select **SETUP** from the Action screen.
2. Select **MEDLINE / MEDLARS** from Service Selection.
3. Select **Communications / Phone Numbers**.
4. Select **Add an access method**.
5. Select your appropriate access method (Local Modem/PBX, **not** Internet TCP/IP).

6. Select choice #7, **FTS2000**, type in the 1-800-525-0216 number, and select the appropriate modem speed. Use the **END** key to save your changes. **Move this selection to your first dialing position.** You may need to start the phone number with a "9," for an outside line at your place of business.

You will need to follow these same steps to add FTS2000 access to PDQ; i.e., first going into SETUP and then selecting PDQ/CANCER from the Service Selection. The rest of the steps are the same. **Do not change your phone numbers for TOXNET.** Grateful Med users should continue to use the Sprint (Telenet), TYMNET, and CompuServe networks for TOXNET until NLM writes and distributes script changes for the PC and Macintosh versions. These are expected to be available this spring.

Grateful Med users must be using the current version, i.e., at least version 6.5, to use the AT&T network. Older versions of the software are not equipped to use the new FTS2000 network and it is expected that these older versions utilizing other telecommunications providers will become totally unusable when transition from the old networks to the AT&T network is complete. Transition to the AT&T service should be accomplished by December 1995.

Macintosh

1. Be sure you have installed Version 2.2.
2. Select **Setup Communications...** from the Edit menu.
3. Choose **Modem** for Access Method.
4. Choose **FTS2000** for Network and select a Baud Rate up to 9600.
5. Type in the number: 1-800-525-0216. Save your changes. You may need to begin the phone number with "9," to get an outside line. Also, change your Setup for PDQ, selecting FTS2000 and following the steps outlined above. **Do not change your settings or number(s) for your TOXNET setup.** An update to your Mac Grateful Med will be available this spring to allow you to utilize the new AT&T network for access to TOXNET.

Direct Dial Users

NLM will continue to make direct dial service available, at half-duplex, at the speeds of 300-9600 baud. These

numbers should only be used by searchers in the Washington, D.C. local metropolitan area for whom this is a local call.

Internet Users

Internet users will be unaffected by this change and will still be able to telnet to MEDLARS for remote login or ftp to MEDLARS to obtain Automatic SDI files or online print files. However, rather than using telnet to TOXNET, NLM would prefer that TCP/IP users telnet to medlars.nlm.nih.gov and use the FILE command to access TOXNET databanks. This will be important in the future when NLM provides ftp features for TOXNET Internet users.

Costs

Online charges for use of the new AT&T service will be incorporated and billed as usual in the charges NLM makes for connect hour usage. No increase or decrease in the current online charges is expected.

Conclusion

NLM developed a transition plan to implement AT&T's FTS2000 service as the telecommunications network

for MEDLARS access. This new network will completely replace the network connections now provided to NLM online services by Sprint (Telenet), TYMNET, and CompuServe. The first to move over to the new FTS2000 network will be those using WATS services.

One advantage of following this phased approach plan is that users will have the three current networks as a safety net. If problems are encountered with the new AT&T number and service, users can inform the MEDLARS Management Section immediately. NLM can then move quickly to work with AT&T to correct any problems. Should sporadic connectivity or other problems be experienced, users may temporarily switch back to the older Sprint (Telenet), TYMNET, or CompuServe numbers for searching. NLM does expect, however, that once problems are resolved users will resume using the FTS2000 AT&T network.

Non-U.S. users are not affected by these changes.

In the future (after December 1995), if there were to be a catastrophic failure of the AT&T's FTS2000 service, direct dial and Internet access will be available as backup.

Please participate according to the schedule outlined above and don't wait until the fall of 1995. Thank you for your cooperation and assistance in making this transition a smooth one. □

*--prepared by Carolyn Tilley
MEDLARS Management Section*

SERIALS UPDATE

INDEXED TITLES UPDATED, SEPTEMBER-OCTOBER 1994

The following titles cited in MEDLINE, HEALTH, and HSTAR 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, Technical Services Division at 301-496-3784 or elb@nlm.nih.gov.

Serials Update information may also be obtained by anonymous ftp from the host nlm.pubs.nlm.nih.gov. The file is in the subdirectory /online/journals. The same Update information may also be obtained from the NLM Gopher; first gopher to gopher.nlm.nih.gov, then select Online Services, then select Journal Title Lists. Questions about ftping to NLM should be addressed to ftpadmin@nlmpubs.nlm.nih.gov and questions about the NLM Gopher should be addressed to admin@gopher.nlm.nih.gov.

TITLES SELECTED FOR INDEXING, SEPTEMBER-OCTOBER 1994

- | | |
|---|--|
| <p>INI ACCIDENT AND EMERGENCY NURSING
ACCID EMERG NURS
1,1993—
CHURCHILL LIVINGSTONE
EDINBURGH SCOTLAND
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W1 AC33NJ 1062-0249
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W1 QU158IH 1049-7323
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W1 RE8396A
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W1 RE968ES 0035-4147
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W1 R118D 0192-298X
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W1 TI249 0108-1284
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W1 VI475
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APPENDIX A

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National Library of Medicine
Bethesda, MD 20894 (FAX 301-496-0822)

NLM Internet Directory

The following Internet addresses may be used for specific questions and comments to NLM:

Anonymous ftp Service Assistance	ftpadmin@nlm.nih.gov
GenBank Molecular Sequence Database Information	info@ncbi.nlm.nih.gov
Gopher and e-mail File Server Assistance	admin@gopher.nlm.nih.gov
Grateful Med	gmhelp@gmedserv.nlm.nih.gov
History of Medicine Division	hmdref@nlm.nih.gov
Interlibrary Loan (ILL)/DOCLINE Assistance	ill@nlm.nih.gov
International Programs Office	hsieh@nlm.nih.gov
MEDLARS Management Section	mms@nlm.nih.gov
MeSH Heading Suggestions	meshsugg@nlm.nih.gov
National Center for Biotechnology Information (NCBI)	info@ncbi.nlm.nih.gov
National Information Center on Health Services Research and Health Care Technology (HSTAR/HSTAT):	nichsr@nlm.nih.gov
Office of Public Information	publicinfo@occhost.nlm.nih.gov
Online Images from the History of Medicine	oli@nlm.nih.gov
Planning and Evaluation Office	siegel@nlm.nih.gov
Preservation Information	pres@nlm.nih.gov
Reference Assistance	ref@nlm.nih.gov
Technical Services Division	tsd@nlm.nih.gov
Toxicology Information Program	toxmail@tox.nlm.nih.gov

NLM Internet Access

TELNET

MEDLARS, PDQ & TOXNET	medlars.nlm.nih.gov
Locator	locator.nlm.nih.gov
HSTAT	text.nlm.nih.gov

FTP

MEDLARS Server	medlars.nlm.nih.gov
NLM Anonymous Server	nlmpubs.nlm.nih.gov

TOOLS

Mosaic (WWW)	http://www.nlm.nih.gov/
Gopher	gopher.nlm.nih.gov
e-mail Based File Server	files@mailserv.nlm.nih.gov

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

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