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BLIS Semester II
(Paper – 5)
Reference Sources & Services
Topic – MEDLARS
e-content

Medical Literature
Analysis And Retrieval
System



MEDICAL LITERATURE ANALYSIS AND RETRIEVAL SYSTEM

- International information systems are organized to serve the needs of developed as well as developing countries on a co-operative basis.
- These are established to store recorded information and retrieve it expeditiously.
- They provide free exchange of information among scientists in various countries.
- The major International information systems & services are INIS, AGRIS, INSPEC, BIOSIS, MEDLARS etc.
- MEDLARS (Medical Literature Analysis & Retrieval System) is an online computer searching system & a bibliographic service started by NLM, Maryland (USA).



INTRODUCTION

- MEDLARS is a computerized storage & retrieval system to furnish bibliographic access to NLM's large biomedical collection.
- It became operational with the 1st computer produced issue of 'Index Medicus' , a comprehensive subject – author index, to the articles from the world's biomedical journals.
- The work on MEDLARS began in 1960 & the system has several major revisions.
- Came into operation in 1964.



ACTIVITIES OF MEDLARS

- Preparing of citations for the publication of Index medicus.
- Maintenance of several computer – readable databases including MEDLINE.
- Operation of online network.
- Provides SDILINE.



PURPOSE OF MEDLARS

- To study the demand search requirements of MEDLARS users.
- To determine how effectively and efficiently the present MEDLARS services are meeting its requirements.
- To determine factors adversely effecting the performance.
- To discover ways in which more effectively or more economically user requirements can be satisfied.



COMPUTER – BASED PRODUCTS & SERVICES

- AVLINE (Audio-Visual Online)
- CANCERLIT (Cancer Literature)
- CATLINE (Catalogue Online)
- CHEMLINE (Chemical Dictionary Online)
- TOXLINE (Toxicology Information Online)
- SDILINE (Selective Dissemination of Information Online)
- SERLINE (Serial Online)
- POPLINE (Population Information Online)
- RTECS (Registry of Toxic effects of Chemical Substances Online)
- HISTLINE (History of Medicine Online)
- MEDLINE (MEDLARS Online)



THANK YOU

