MASTER OF LIBRARY & INFORMATION SCIENCE
SEM.   – II
PAPER – III
INFORMATION SOURCE AND SYSTEM
(TOPIC :- MEDLARS)

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MEDLARS

➤ MEDLARS is a computerized storage and retrieval system to furnish bibliographical access to National Library of Medicine large biomedical collection. It came operational in 1964.

It become operation with the 1st computer produced issue of Index Medicus, a comprehensive subject auther index, to a the article from the world's biomedical journal.

• MEDLINE (MEDLARS ONLINE) (1971): –

➤ MEDLINE is a bibliographica database of life science and biomedical information. It inclueds bibliographic information of article from academic journal covering medicine, nursing, pharmacy, dentistry, and health care. Medline also cover the literature from biology & biochemistry. Also includes history of Medicine, health service, toxicology, AIDS, molecular biology, Chemical science, Marine biology, animal science, and biophysics.

• Language covered – 40 language for current journal

• Free of cost

• History – 1879-present

• Record Depth – NLM Medical subject heading, Abstract, Indexing.

- Format – Academic journal, small number of newspaper, Magzine.
- Coverage – 1946-present
- Number of records – Over 26 million
- Update frequency – 2000-4000-reference per/update.
- Complied by – NLM

  Medline is freely available on the internet and also searchable via PubMed and NLM national centre for biotechnology information Entrez system.

- **History : –**

➢ MEDLARS was launched by NLM in 1964 and was the first large scale computer based search service available to general public.

➢ Since 1879 the NLM has published Index Medicus, a monthly guide to medical articles in thousand of journals. The January 1964 issue of Index Medicus was expected to emerge in the computerized system.

➢ In 1971 an online version called MEDLINE became available as a way to do online searching of MEDLARS from remote medical libraries.

➢ Mesh (Medical subject heading) is an annotated list of subject heading used for MEDLINE to assign keyword to documents in MEDLINE. It is also accessible online.

- **Objectives: –**
  - ➢ To improve the quality of Index Medicus a monthly index of bibliographic reference published by NLM by increasing the coverage and depth of indexing while at the same time reducing the time required for its preparation.
  - ➢ To allow quick searching of the large computer store of reference in response to individual request.
  - ➢ The library produces a large number of biblographies, catalogue and index, in specialized subject such as dentistry, medical education, nursing, and encrinology are prepared by MEDLARS.
  - ➢ International co-operative among various country with the use of MEDLARS. The first arrangement with the UK and Swedene.

- **What is Pubmed:–**

  Pubmed is an interface to search Medline as well as additional biomedical content. It is more user friendly and allow you to search through more content than Medline.

  In Pubmed in addition to Medline articles you will have access to Pubmed control papers which are full text articles deposited to promote open access.

- **Mesh (Medical subject heading thesaurus):**

  All medicine article have been indexed with assigned Mesh term. If you have specific search you are doing with get the closest, not specific match to your term by searching in Medlicine.

- **Medline Plus: –**

  It is an online health information resource for patient and their families and friends. This make reliable health information available anytime, anywhere for free. There is no advertising on the website and this does not endorse and companies or product.

Thank you