

NASA TECH BRIEF

Goddard Space Flight Center



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Medical Information Management System (MIMS) An Automated Hospital Information System

The problem:

Efficient management and retrieval of large data bases are of significant value to institutions such as hospitals.

The solution:

A flexible, adaptable system of programs designed to allow rapid retrieval of data as well as desired data manipulation was developed for use in hospitals.

How it's done:

The Medical Management Information System (MIMS) was developed to handle all aspects of data related to patient care. Its prime benefits are the ability (1) to recall a record of a specific patient in a matter of seconds, (2) to search for specific types of data among patient records, and (3) to do medical research with a readily available data base. The flexibility of the system allows the user to (1) decide the categories of data, (2) decide on the format of the data, (3) change any data entry without regard to the length of the original data field, (4) retrieve any selected item of data or all of the data, (5) generate tabular information assembled from the comparison of all the records in the system, and

(6) generate statistical information. MIMS provides an efficient method of flexible and complete data retrieval.

Notes:

1. This system was written in a version of FORTRAN developed by: United Computing Systems, Inc., Kansas City, Missouri, for the CDC-6600 computer system. Conversion to a standard version of FORTRAN would require considerable effort.
2. Inquiries concerning this program should be directed to:

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Federal City College
under contract to
Goddard Space Flight Center
(GSC-11540)

Category 09, 05