

Software for Infection Control Data Gathering

To the Editor:

In response to Dr. Moraleda's question (*Infect Control* January 1984, Volume 5, Number 1) concerning the availability of infection control software, Deaconess Hospital has developed a comprehensive data management system for infection control on the Apple II and III computers. "The Infection Control System" ("TICS") prepares monthly and cumulative statistical reviews as well as summary listings of patients with nosocomial infections. These summaries may be sorted according to various entries, including the patient's location, date of culture, physician, and type of infection. Using "TICS," the time required to prepare statistics for our monthly infection control meeting has been reduced from three days to 30 minutes, with entry of patients into the system requiring no more than one minute each.

Persons interested in acquiring more information on "TICS" may write to: Infection Control Department, Deaconess Hospital, 6150 Oakland Avenue, St. Louis, MO 63139.

Stephen Ura
Director of Clinical Systems
Deaconess Hospital
St. Louis, Missouri

To the Editor:

I noticed with interest Dr. Moraleda's letter in *Infection Control* January 1984 regarding software for infection surveillance.

In 1981, I attempted to start a computer users group and used the Society for Hospital Epidemiologists

STATUS: HAVE OPERATIONAL SYSTEMS

Contact

David Birnbaum, MPH
Hospital Epidemiologist
Victoria General Hospital
841 Fairfield Road
Victoria, B.C. V8V 3B6 Canada

Maureen Stephens
Johns Hopkins Hospital
Administration 228
600 N. Wolfe St.
Baltimore, MD 21205

Mme. Suzanne Legacé
Ottawa General Hospital
501 Smyth Road
Ottawa, Ontario K1G 8L6 Canada

James D. Childress, PhD
President, CareWare Inc.
5108 Springlake Way
Baltimore, MD 21212

Philip W. Smith, MD
Internal Medicine Associates, P.C.
5th Floor, Doctor's Building
Farnam at 44th St.
Omaha, NE 68131

Jeremias L. Murillo, MD
Hospital Epidemiologist
Newark Beth Israel Medical Center
201 Lyons Ave.
Newark, NJ 07112

Charles A. Osterman, RN
Epidemiology Nursing Supervisor
Box 405
University of Virginia Medical Center
Charlottesville, VA 22908

Brief Description of System

APL program using IBM System VM/370 in IBM 3031 processor. Prototype system, operational since 1978, described in meeting abstracts; interactive.

Program in use since 1974 being scrapped to reprogram for interfacing to other on-line programs. Assembler, PL1, COBOL & FORTRAN under operating system MVS in IBM 3031.

System operational since 1977, uses SPSS; entry by OCR being changed to terminal entry.

Applesoft BASIC in APPLE II, commercially available now with further modular development planned; described in meeting abstracts and commercial literature.

System operational for past 2-3 years at Clarkson Hospital.

On-line system operational since 1979, uses FORTRAN with Time Sharing Services, Texas Instrument Silent 700. Described in meeting abstracts.

DESM-11 program using PDP 11/70 minicomputer; HP intelligent terminal & graphics printer soon to be added. System operational since 1978.

STATUS: STARTING TO DEVELOP A SYSTEM

Contact

J. Losos, MD
Director
Bureau of Infection Control
Laboratory Centre for Disease Control
Health Protection Branch Building
Tunney's Pasture
Ottawa, Ontario K1A 0L2

Sandra Phillips, PhD
Hospital Epidemiologist
Long Island College Hospital
340 Henry St.
Brooklyn, NY 11201

STATUS: NOT SPECIFIED—? NO SYSTEM

Contact

Melvin P. Weinstein, MD
Assistant Professor
Division of Immunology & Infectious Diseases
Rutgers Medical School
Middlesex General Hospital
180 Somerset St.
New Brunswick, NJ 08903

Lucille Emberton
Nurse Epidemiologist
University Community Hospital
Tampa, FL 33612

James B. Hammond, MD
9 Idlewild Court
Bel Air, MD 21014

of America (SHEA) newsletter to find interested parties. While too small a group formed to sustain any long-term interest, the above list was compiled.

I do not know the current status of these systems, but this information

might be helpful to infection control practitioners.

David Birnbaum, MPH
Epidemiologist
Victoria General Hospital
Victoria, British Columbia