

## 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.

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### 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

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#### 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

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### STATUS: NOT SPECIFIED—? NO SYSTEM

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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.

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