ABSTRACT

This research was conducted in a case study of guidelines for developing management information system for AIDS and venereal diseases control in Pra Arjan Fun Arjaro Hospital Sakon Nakhon Province. The purposes were 1) to study present status and problem of applying information for administration of venereal diseases and AIDS controlling; 2) to present methods to organize information systems for administration of venereal diseases and AIDS controlling. Samples of this investigation consisted of 32 subjects including hospital administrator, chief of section, chief of wards, hospital reporting staff and information staff. The quantitative data were collected by a questionnaire and analyzed by the computer program "SPSS for Windows" to find percentage, arithmetic mean, standard deviation. The qualitative data were collected by a structural interview and a worksheet which was used for the seminar and the data were analyzed by descriptive method.

Findings:

1. Organization of information systems status had no format and clearness yet, and there was no special department which was responsible for that. The computers used in organization of data/information were old and not enough. In data collecting and keeping, document files grouped by types of reports were generally in use. There were also summary files prepared. Computing data was done by human and calculator. Generally, there was no clear format in reporting data/information because of lacking modern tools and devices.

2. Results of quantitative data analysis were as follows: Problems of organizing information systems were found at "high level" in each subject in recourse field, in organizing systems process and data/information base system fields were at "medium level". And important results of qualitative data analysis were as follows: There was no special department and staff responsible for information systems. The staff were lacking of knowledge and experience in using computer, and packed programs. And data/information were not systematic.

3. Adviced methods of organizing information systems were as follows: . The policy and methods should be fixed to carry on organizing information systems so that there would be a clear format. A data/information center should be arranged and there should be a special staff to establish communication between the departments to collect data. Important data/information in administration should be collected to establish data information base system.