

Summary

The introduction of a new Computerized Occupational Health Management System that is practical and suitable for the Egyptian environment (to replace the completely manual system), can much improve the practice and style of the Occupational Health care of the Egyptian workers.

The system can Assist both administratively as well as technically (Medically or clinically). The system can also eliminate the problems of record keeping and retrieval of the valuable information. The system can much facilitate the analysis, statistical manipulation and study for routine purposes as well as for research.

The literature have been reviewed for such systems, their design, implementation and problems. The literature was also reviewed for the requirements and relevant data for the system.

A system suitable for the Egyptian environment, utilizing relevant data has been prototyped in two models. One using the IBM hardware, Mumps as the development computer language and Veterans Administration FileMan as the DataBase. The other model using Macintosh hardware and dBase Mac as the application development software.

Implementation of the system in the GOHI is recommended hand in hand with development of an industrial hygiene system.