Design Model Database Health Sepah Qamar Bani Hashem (AS) Based Geographical Information System (GIS).

Rouhollah Ghaedamini Asadabadi¹, Shahram Tofighi¹; ahmad Amerion¹, Habib Ghaedamini¹, Fateme Azizian².

¹. PhD student in health services management. Department of Health Services Management, Faculty of Medical Sciences, Baqiyatallah University of Medical Sciences, Tehran, Iran.
². Department of Information Technology, Management and Health Economics Research Centre, Baqiyatallah Research Institute of Medical Sciences, Tehran, Iran.
³. Department of Remote Sensing and GIS, Atmospheric and Oceanic Sciences Research Center, Shiraz University, Shiraz, Iran.
⁴. Development and Planning Department, Hospital Board of Trustees Ayatollah Kashani, Shahrekord University of Medical Sciences, Shahrekord, Iran.

Aims: Database design model based on GIS health infrastructure planning in the field of health information management and one of the fundamental issues in the development of new technologies in the health system is. This study design database model Health Sepah Qamar Bani Hashem(AS) was Chahar Mahal and Bakhtiari province.

Method: This exploratory study and modeling of land area Sepah Qamar Bani Hashem(AS) was performed. At first base Corps health and geography, they were determined using GPS and prepare the database was transferred as a digital computer. Then, using the entity relationship model, database design in GIS Health Corps and using software components ArcGIS database location were analyzed.

Results: The review took place; factors affecting health, database components, status of health station Sepah was set and model critical sites, Model of Sepah Health database design and GIS environment maps variables in the Sepah Base Qamar Bani Hashem(AS) Health as a digital scale and supply and 1:14000 extracted.

Conclusion: Note Administrators healthy military design database based on GIS infrastructure WEBMASTER is necessary. This system of information regarding planning, decision making quick, correct and timely in the field of health for predicting and determining relations place to provide for Sepah Health managers offers.

Keywords: Model, Model design, Database, GIS, sepah Qamar Bani Hashem (AS).