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Need assessment, planning and management for health resources; a case of Makkah trauma center level 1 and Makkah EMS & DMC

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Background: Social components and patients care are the major evaluation aspects comprised in planning and management for health and resources. The costs and research are the major concerns in the prevention and education programs, assessment of quality and legislation.

Aims: The study has aimed to focus on the importance of establishing trauma centers in Makkah.

Study Design: The study has incorporated quantitative research design, and gathered data from Makkah Emergency Medical Services (EMS) and Detroit Medical Center (DMC).

Methods: A questionnaire was designed and distributed among the working staff; including administrators, specialists, academic professors, consultants, and others to explore their expert opinion about the significance of planning and management for health resources. The collected data was analyzed using SPSS version 20.0. 85.2% of the respondents believed that it is extremely important that an ambulance is instructed to take an injured patient to trauma center.

Results: More than 50% of the respondents stated that it is extremely important that the injured person is treated in trauma center. However, few of the respondents (0.9%) did not consider the establishment of life flight system to be important for the well-being of injured patients. Majority of the participants (85.2%) believed that it is extremely important that an ambulance is instructed to take an injured patient to a trauma center, and it is extremely important that the injured persons are treated in trauma center.

Conclusion: The study has concluded that the effectiveness of a trauma center extensively depends on its integration with EMS system.

Biography

Ahmed Ali Shammah is from Department of Clinical Technology as Faculty of Applied Medical Science at Umm Al-Qura University, Saudi Arabia. His research interest is in medical science and clinical technology.

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