

REVIEW ARTICLE

Hospital and Pre-Hospital Triage Systems in Disaster and Normal Conditions; a Review Article

Saeed Safari, Farhad Rahmati*, Alireza Baratloo, Maryam Motamedi, Mohammad Mehdi Forouzanfar, Behrooz Hashemi, Alireza Majidi

Department of Emergency Medicine, Shohadaye Tajrish Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran

***Corresponding author:**

Farhad Rahmati; Department of Emergency Medicine, Shohadaye Tajrish Hospital, Tajrish Square, Tehran, Iran.

Postal code: 1989934148, Tel/Fax: +982122721155; Email: frahmati2000@yahoo.com

Received: September 2014; **Accepted:** October 2014

Abstract

Triage is a priority classification system based on the severity of problem to do the best therapeutic proceedings for patients in the less time. A triage system should be performed in a way which can make a decision with high accuracy and in the least time for each patient. Simplicity and reliability of the performance are the most important features of a standard triage system. An appropriate triage causes to increase the quality of health care services and patients' satisfaction rate, decrease the waiting time as well as mortality rate, and increase the yield and efficiency of emergency wards along with reducing the related expenses. Considering to the above statements, in the present study the history of triage formation was evaluated and categorizing of all triage systems regarding prehospital and hospital as well as triage in normal and critical conditions were assessed, too.

Key words: Triage; disaster planning; hospital administration; emergency medicine; emergency medical services