

## Triage in trauma patients

Zahra Ghandehari Motlagh<sup>1</sup>, Behnaz Samiee daloiee<sup>2</sup>, Fatemeh Abbaspour<sup>3</sup>, Marzieh azarfaza<sup>4</sup>

- 1- ghandeharimz1@mums.ac.ir
- 2- SamieeDB1@mums.ac.ir
- 3- abbaspourf1@mums.ac.ir
- 4- azarfaza m2@mums.ac.ir

**Introduction:** Triage is a method that is very important in the classification of victims And suggest priority treatment in patient ,when we faced with an inevitable dozen injured and overcrowded emergency or resource constraints. According to the patients with regard to victims, triage is an active process that must be repeated regularly at the scene and in the hospital Now in all emergency wards of hospital the System 5 surface ( ESI ; Emergency Severity Index) is used instead of the System 3 surface because of validity and reliability. This study aim is to identify strengths and weaknesses and taking corrective actions to improve the provision of services in emergency department of kamyab hospital.

**Method:** This cross-sectional study, based on data provided in the application filed HIS in kamyab hospital in 1394. Datas: All patients admitted to kamyab hospital in years 94,were 50077 . 14984 people were in traffic accidents, 120 patients to continue treatment, . 6218 injured in the impact object.2780 people following an incident during work. 12711 injured due to falls . 2885 due to conflicts and dispute And 8264 patients were taken to hospital due to other reasons. And on the basis of triage ESI, patients were classified in five level. According to the classification patients were conducted in fourth level (28 118) and third level (15663). The mean time, triage in 5 levels are as follows:

Total patients	Five level patients	four level patients	Three level patients	Two level patients
	One level patients			

Δlevels are as follows:

Total patients	Five level patients	four level patients	Three level patients	Two level patients
	One level patients			

۶۰,۰۶	۶۰,۱۰	۶۰,۱۳	۶۰,۰۷	۵۱,۹۲	Average triage time each level
-------	-------	-------	-------	-------	--------------------------------

۵۰۰۵۲	۵۱۵۴	۲۸۰۸۷	۱۵۶۷۲	۷۳۷	۴۰۲	Total patients each level
-------	------	-------	-------	-----	-----	---------------------------

**Conclusion:**1-According to the evaluation more patients were conducted in fourth level (28 118) and third level (15663). Accurate evaluation of trauma patients and speed of action in addressing are two important factors in patient triage that determinants of survival and injured patients .So is recommended that "triage in the hospital" be in the list of annual training of staff placed in the emergency department. Staff have always been knowledgeable and expert to assess the patients.

