

## عنوان مقاله:

THE IMPORTANCE OF TIME MANAGEMENT IN TRAUMA PATIENTS AT PREHOSPITAL EMERGENCY CARE

## محل انتشار:

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## نویسنده:

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## خلاصه مقاله:

Background and Aim : The majority of deaths caused by trauma in the developing world, occur outside of the hospital. In patients with severe trauma, transportation to an emergency department within the "golden hour" is one of the most important markers of trauma system effectiveness. However, evidence regarding impacts on patient outcomes is limited. Methods : The data of this study, first were collected by searching keywords (on-scene time and outcome parameters) in online research databases, including United States National Library of Medicine (PubMed), Cochrane library and Google scholar. Then the results were grouped according to their date of publication and also strengths and weakness in their Material and Methods part. At the end, the content was integrated with more emphasis on stronger resources. Results : Results showing a decline in possibility of mortality for the trauma patients when response-time or transfer-time getting shorter. On the opposite, increased on-scene time and total prehospital time are associated with increased possibility of survival for this population. However, rapid transport does seem beneficial for patients suffering penetrating trauma, in particular hypotensive penetratingly injured patients and patients with a traumatic brain injury. Conclusion : Rapid transport is beneficial for patients suffering head injuries and the haemodynamically unstable penetratingly injured patient. Moreover, in haemodynamically stable undifferentiated trauma patients, increased on-scene-time and total prehospital time do not increase the possibility of mortality. Also for undifferentiated trauma patients, it is necessary to focus on the type of prehospital care delivered, not on rapid transport.

## کلمات کلیدی:

Prehospital-Time-Patient outcome

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