

The Minimum Dataset and Inclusion Criteria for the National Trauma Registry of Iran: A Qualitative Study

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Abstract

Purpose: Burden of injuries is an important public health problem especially in developing countries. The present study aims to describe the steps undertaken in the development of the minimum dataset (MDS) along with defining inclusion and exclusion criteria for a case of trauma registry by the national trauma registry of Iran (NTRI). **Participants:** The working group consists of sixteen elected expert representatives from seven established countrywide active trauma research centers. **Methods:** Then, we performed two email surveys and three focus group discussions and adapted, modified and finally developed the optimized MDS in order to prepare the quality care registry for injured patients. **Results:** The finalized MDS contained of 109 data variables including demographic information (n=24), injury information (n=19), pre-hospital information (n=26), emergency department information (n=25), hospital procedures (n=2), diagnosis (n=2), injury severity (n=3), outcomes (n=5), financial (n=2), and quality assurance (n=1). For a patient sustained one or more traumatic injury in a defined diagnostic ICD-10 codes, the inclusion criteria considered as one of the followings: If the patient stayed >24 hours in the hospital, any death after hospital arrival, any transfer from another hospital during the first 24 hours from injury. **Conclusions:** This study presents how we developed the MDS in order to uniform data reporting in the NTRI and define our inclusion and exclusion criteria for trauma registry. Applying the MDS and the case definition in pilot studies are needed in next steps.

Keywords: Public Health, Active Trauma, Minimum Dataset

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