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Supplementary file 1. Guilan Trauma System Phases and Collaborating Organizations

Collaborating Organizations
Guilan Road Trauma Research Center, Road Police, Transport Police, EMS, Red Cresset, Firefighter, and Meteorological Organization
Guilan Road Trauma Research Center
Guilan Road Trauma Research Center, Road Police, Transport Police, and Transport Organization
EMS
Guilan Road Trauma Research Center, Road Police, Transport Police, EMS, Red Cresset, Firefighter, and Meteorological Organization
Guilan Road Trauma Research Center, Road Police, Transport Police, and EMS
Guilan Road Trauma Research Center, and EMS
Guilan Road Trauma Research Center, Deputy of Treatment, Poorsina Hospital, and General hospitals

Establishing a hospital death registration system for accidental patients to diagnose preventable deaths	Guilan Road Trauma Research Center, Poorsina Hospital, and General hospitals
Holding triage courses and dealing with trauma patients for doctors and nurses of hospital emergencies	Guilan Road Trauma Research Center, and Deputy of treatment
Establishing a specialized working group for the prevention and management of traffic accidents and holding regular and continuous monthly meetings to monitor the situation of accidents and responsible agencies in the province, as well as creating integration in the implementation of measures with the presence of 31 related agencies	
Infrastructure	
Establishing a comprehensive system of trauma registration system in the four phases of the trauma system and registration of information of the responsible devices	
Designing and compiling specific metrics for provincial devices to monitor performance and predict disaster points	Guilan Road Trauma Research Center

Note. PHTLS: Pre-hospital trauma life support; BLS: Basic life support.