Brace for impact! A thesis on medical care following an airplane crash
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Definitions and abbreviations

*Abbreviated Injury Scale:* A numeric system to categorise injuries according to body region and severity. Every injury corresponds to a 6 figure number, with the last number on a scale of 1-6. A minor injury is coded with number 1, 5 is a critical injury and a 6 is lethal.

*Hospital Trauma Level:* Hospitals are designated a trauma care level by the Dutch government, were Level I hospitals have a coordinating role in the regional trauma network. Level I hospitals are equipped with all trauma care facilities; Level II hospitals have "certain" trauma care facilities, some of which are extensive, almost to the standard of Level I hospitals; and Level-III hospitals contain basic trauma care facilities.

*Injury Severity Score:* A score combining the 3 highest scores on the Abbreviated Injury Scale (AIS), of 3 different body regions of a patient. The squares of these 3 numbers are added to calculate the Injury Severity Score (ISS).

*Multiple Casualty Incident:* A hazardous impact with as many casualties that the available organizational and medical resources, or their management systems, are severely challenged.

*Multi Trauma patient:* (Dutch: poly-traumatisée) severely injured patient with multiple injuries leading to an ISS above 16.

*Occupants:* All people occupying the airplane.

*Triage Categories:* In case of a mass casualty incident (MCI), casualties are triaged at the scene following the critical/immediate (P1), serious/urgent (P2), minor/delayed (P3) triage classification according to the Triage Sieve and Sort system used by the MIMMS (Major Incident Medical Management and Support).
Abbreviations
AIS: abbreviated injury scale
ATLS: advanced trauma life support®
CCC: critical care capacity (Dutch: kritische opvang capaciteit)
CCS: casualty clearing station (Dutch: gewondennest)
CHS: community health service (Dutch: GGD)
C-Spine: cervical spine
CST: critical stabilisation time (Dutch: kritische stabilisatie tijd)
DSB: Dutch safety board (Dutch: Onderzoeksraad voor Veiligheid)
ED: emergency department (Dutch: SEH)
EDC: emergency department capacity (Eerste hulp capaciteit)
EMS: emergency medical services (Dutch: Meldkamer ambulance diensten)
FAA: Federal aviation administration
FAST: focused abdominal sonography in trauma
FDR: flight data recorder
ICU: intensive care unit
ISS: injury severity score
MOTAC: medical research Turkish Airlines crash
MCI: mass casualty incident
MIMMS: major incident medical management and support
MVA: motor vehicle accident
NLDB study group: Nottingham, Leicester, Derby, Belfast study group
NTSB: National transportation safety board
PDC: patient distribution coordinator (Dutch: gewonden spreidingscoordinator)
PDP: patient distribution protocol (Dutch: gewonden spreidingsprotocol)
PSU: passenger service unit
P1, 2, 3: priority 1,2,3 (triage category) (Dutch:Triage T1, T2, T3)
TAC: Turkish Airlines crash