

Table 3 Ganga Hospital Open Injury Score (GHOIS)

Covering structures: skin and fascia
Wound with no skin loss and not over the fracture site 1
Wound with no skin loss and over the fracture site 2
Wound with skin loss and not over the fracture site 3
Wound with skin loss and over the fracture site 4
Wound with circumferential skin loss 5
Functional tissues: musculotendinous and nerve units
Partial injury to musculotendinous unit 1
Complete but repairable injury to musculotendinous units 2
Irreparable injury to musculotendinous units, partial loss of a compartment, or complete injury to
Loss of one compartment of musculotendinous units 4
Loss of two or more compartments or subtotal amputation 5
Skeletal structures: bone and joints
Transverse or oblique fracture or butterfly fragment <50 % circumference
Large butterfly fragment >50 % circumference
Comminution or segmental fractures without bone loss
Bone loss <4 cm
Bone loss >4 cm
Comorbid conditions: add 2 points for each condition present
Injury leading to debridement interval >12 h
Sewage or organic contamination or farmyard injuries
Age >65 years
Drug-dependent diabetes mellitus or cardio respirator diseases leading to increased anesthetic risk
Polytrauma involving chest or abdomen with injury severity score >25 or fat embolism

Hypotension with systolic blood pressure <90 mmHg at presentation

Another major injury to the same limb or compartment syndrome

Injuries with a score equal to 14 or below are advised salvage

Injuries with score 17 and above usually end up in amputation

Injuries with score 15 and 16 fall into Gray zone where decision is made on patient to patient

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