Mangled extremity severity score (Helfet et al. 1990)

- **Skeletal/soft-tissue injury:**
  - low energy (stab, simple fracture, civilian gunshot) 1
  - medium energy (open or multiple fracture, dislocation) 2
  - high energy (shotgun, military gunshot injury, crush injury) 3
  - very high energy (as above, plus soft-tissue avulsion) 4

- **Shock:**
  - stable (systolic RR maintained > 90mmHg) 0
  - transient hypotension 1
  - persistent hypotension 2

- **Limb ischaemia: (** doubled for limb ischaemia > 6h**)
  - no ischaemia (puls present) 0
  - mild ischaemia (pulse reduced or absent, but normal perfusion) 1*
  - moderate ischaemia (reduced capillary refilling) 2*
  - severe ischaemia (no capillary refilling) 3*

- **Age:**
  - < 30 years 0
  - 30 – 50 years 1
  - > 50 years 2

**Score range:** 1 - 14