Traumatic head injury (> 18 years) without risk factors

Risk factors: Anticoagulants/haemophilia, clinical signs of skull fracture, seizure, shunt treatment, multiple injuries (=CT)

**Minimal Head Injury**
- GCS 15
- No LOC/amnesia
- No focal neurology

→ **S100 sampling** (within 3 hours after injury)
- S100 < 0.1 µg/L
  - In-hospital observation ≥ 12 hours
  - CT normal

- S100 ≥ 0.1 µg/L
  - In-hospital observation ≥ 12 hours
  - Cranial CT (recommended)

**Mild Head Injury**
- GCS 14-15
- LOC 5 min and/or amnesia

→ **CT pathology**
- Fracture
- Contusion
- Traumatic hematoma
- Brain swelling

**Moderate Head Injury**
- GCS 9-13 and/or LOC 5 min and/or
- Focal neurology

→ Cranial CT (obligatory)

**CT pathology**
- Fracture
- Contusion
- Traumatic hematoma
- Brain swelling

**Discharge with oral and written information** (Separate sheet)

**In-hospital observation**
- Observation 12 hours
- Consider new CT
- Consult neurosurgeon if needed