Blunt Trauma Imaging Worksheet
Adult (age≥16)

- **Trauma Head CT** – Suspicion of head injury AND any one of the following are present:
  - Taking Coumadin or Plavix
  - GCS < 15 on arrival
  - Suspected open or depressed skull fx
  - Any sign of basilar skull fx (hemotympanum, raccoon eyes, Battle’s sign, oto- or rhinorrhea)
  - ≥2 episodes of vomiting
  - Age > 65
  - Retrograde amnesia > 30 mins
  - Dangerous mechanism (ped struck, ejection, fall > 3 ft or 5 stairs)

- **Trauma Face CT**
  - Physical exam is suggestive of midface or mandibular fracture

- **CT Angio of Neck** – Order if any one of the following are present:
  - Neurologic abnormality not explained by diagnosed injury
  - Arterial epistaxis
  - Seat belt sign on neck
  - GCS < 8
  - Petrous bone fracture
  - C-spine fracture (C1-C3) or subluxation at any level
  - Fracture through foramen transversum
  - LeFort II or III fractures

- **Trauma Chest CT** – Order only for evaluation of the thoracic aorta. Not for primary evaluation of the thoracic spine. Suspect aortic injury if sufficient mechanism and:
  - Wide mediastinum
  - Sternal fracture
  - First rib fracture
  - High velocity crash
  - Age > 50
  - Hypotensive episode
  - Known abdominal injury
  - Torso crush injury

- **Trauma Abd / Pelvis CT** – Not for primary imaging of the lumbar spine. Image if any of the following are present:
  - Abnormal abdominal, pelvic or lumbar spine exam
  - Positive FAST
  - Intubated patient
  - GCS < 11
  - Intoxicated patient
  - Lumbar fracture on plain films
  - Controlled hemodynamic instability

**Notes:**
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C-Spine – Image if any of the following are present, or unable to clinically clear:
- Age ≥ 65
- Paresthesias in extremities
- Fall > 3 ft or 5 stairs
- Axial load to head (e.g. diving)
- High speed MVC (> 60mph)
- Rollover
- Ejection
- ATV, motorized bike, motorcycle
- Known thoracic or lumbar fracture

T-Spine - Image if any of the following are present:
- Spinal or paraspinous pain or tenderness
- Spinal deformity
- Known cervical or lumbar fracture
- High risk mechanism (see C-spine criteria)
- Unconscious or intoxicated
- Distracting injury

L-Spine - Image if any of the following are present:
- Spinal or paraspinous pain or tenderness
- Spinal deformity
- Known cervical or thoracic spine fracture
- High risk mechanism (see C-spine criteria)
- Unconscious or intoxicated
- Distracting injury

Note: Remove From Permanent Medical Record