



Regions Hospital® Blunt Trauma Imaging Worksheet

Adult (age ≥ 16)

Trauma Head CT

- Trauma Head CT** – Suspicion of head injury AND any one of the following are present:
- Taking warfarin, anti-platelet agents other than aspirin, DOACs
 - 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

- Trauma Face CT** – Most fractures will be detected on head CT
- Physical exam is suggestive of unstable midface fracture
 - Physical exam is suggestive of mandible fracture

CT Angio - Neck

- 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 or other bruising/hematoma
 - Petrous bone fracture
 - C-spine fracture (C1-C3) or subluxation at any level
 - Fracture through foramen transversum or basilar skull fracture
 - LeFort II or III fractures
 - High velocity or unprotected crash / high energy mechanism

Trauma Chest CT

- Trauma Chest CT** – Order only for evaluation of the thoracic aorta. Not for primary evaluation of hemothorax, pneumothorax, or rib fractures. Suspect aortic injury if sufficient mechanism (crash > 40mph, fall > 20 feet, torso crush) and:
- Wide mediastinum
 - Sternal fracture
 - First rib fracture
 - Age > 50
 - Hypotensive episode
 - Torso crush injury

Trauma Abd / Pelvis CT

- Trauma Abdomen/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 with suspicion of abdominal injury



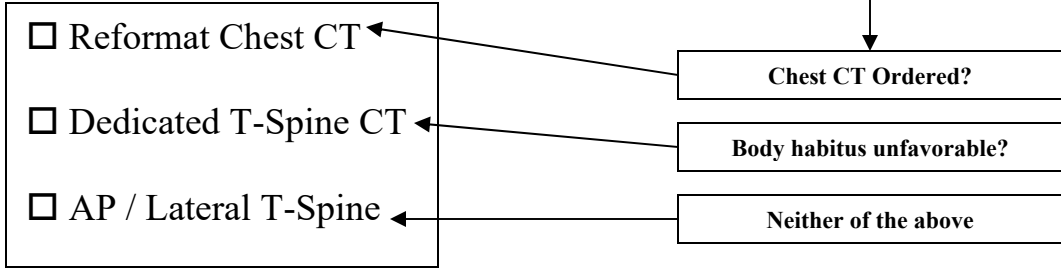
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Adult (age ≥ 16)

C-Spine CT

- 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 acute cervical or lumbar fracture
 - High risk mechanism (see C-spine criteria)
 - Unconscious with sufficient mechanism



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

