

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)
- \geq 2 episodes of vomiting
- Age \geq 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
- 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

 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 and:

- Wide mediastinum
- Sternal fracture
- First rib fracture
- High velocity crash
- Age > 50
- Hypotensive episode
- Torso crush injury

 Trauma Abd /
Pelvis CT

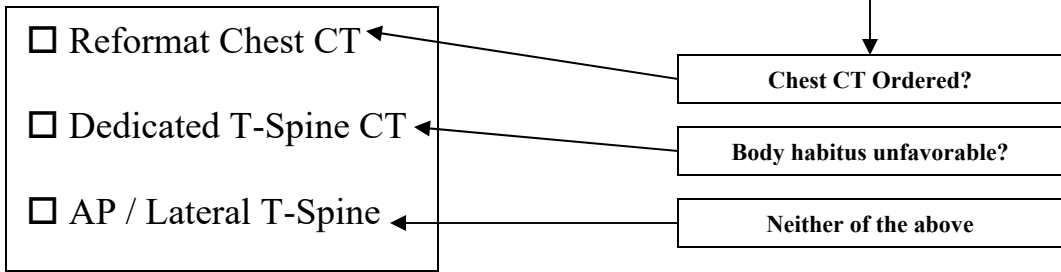
Trauma Abdomen/Pelvis CT – Not for primary imaging of the lumbar spine. Image if any of the following are present:

- Abnormal abdominal, pelvic or lumbar spine exam
- Positive FAST
- Intubated patient
- GCS < 11
- Intoxicated patient with suspicion of abdominal injury

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 or intoxicated
 - Distracting injury



- 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 or intoxicated
 - Distracting injury

