

LEGEND

Decision Point	
Selection	
Diagnostic Step	
Action Item	

C-Spine Clearance for the Obtunded Patient

**Major blunt mechanism
GCS < 14 or non-compliant**

CT C-Spine Foramen magnum to T1

TRANSFER OFF SPINE BOARD

- C-spine precautions, with cervical spine
- Replace hard extrication collar with vista collar
- 3-person turn/log roll
- HOB < 30°

**No CT C-Spine or with mild degenerative changes
*Reviewed by Neurologist***

- Major Blunt Mechanism**
- Fall > 6 m (20 ft)
 - MVC:
 - > 65 km/h
 - Auto deformity/intrusion into danger compartment
 - rollover ejection
 - Pedestrian/Bicyclist struck:
 - With impact > 10 km/h / thrown
 - Motorcyclist/Motorized recreational vehicles
 - Major Industrial Accident
 - Explosion/other blunt + Burn
 - Assault
 - Axial load to head

No

Yes

**CONSULT SPINE
MRI if suspect neurological deficit**

Unable to obtain

Moving all 4 limbs with equal strength?

No

Yes

C-Spine cleared

MRI

Normal MRI

No

Yes

**CONSULT SPINE
Maintain C-Spine precaution**

**Trauma or ICU Staff
CLEAR C-SPINE
(based on final MRI report)**

DRY