

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 neutral spine
- Replace hard extrication collar with vista collar
- 3-person turn/log roll
- HOB < 30°

**Normal CT C-Spine or with mild degenerative changes and no other spine fractures
*Reviewed by ED Radiology***

No

Yes

CONSULT SPINE MRI if suspect neurologic deficit

Or 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)

- Major Blunt Mechanism**
- Fall > 6 m (20 ft)
 - MVC:
 - > 65 km/h
 - Major auto deformity/intrusion into passenger compartment
 - rollover/ejection
 - Pedestrian/Bicyclist struck:
 - With impact > 30 km/h / thrown
 - Motorcyclist/Motorized recreational vehicles
 - Major Industrial Accident
 - Explosion/other blunt + Burn
 - Assault
 - Axial load to head