

Canadian CT Head- Level II Evidence

Head CT is indicated for patients with mild traumatic brain injury and one of the following:

1. GCS <15 two hours after injury
2. Suspected open or depressed skull fracture
3. Any sign of basilar skull fracture (hemotympanum, raccoon eyes, Battle's sign, CSF leak)
4. Two or more episodes of vomiting
5. 65 years or older
6. Amnesia prior to impact of 30 minutes or more
7. Dangerous mechanism (fall from ≥ 3 feet or ≥ 5 stairs, struck by motor vehicle, occupant ejected from motor vehicle)

*Presence of seizure, neurologic deficit, bleeding disorder, anticoagulant use, altered mental status (Etoh/drug) is also indication for head CT as these patients excluded from original study.

Nexus Criteria/C-spine- Level I Evidence

C-spine imaging is necessary if one of the following criteria is met:

1. Midline cervical tenderness
2. Focal neurologic deficit
3. Altered level of consciousness
4. Evidence of intoxication
5. Painful distracting injury