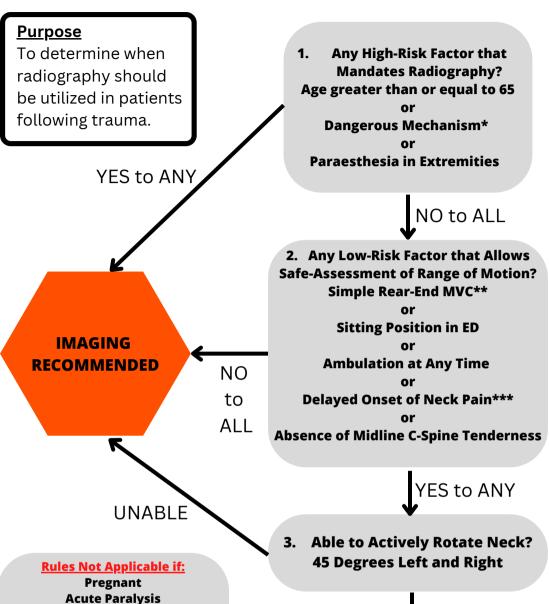
Canadian C-Spine Rule





ANPT Concussion/mTBI Knowledge Translation Task force

Handout Created by:
Naseem Chatiwala, PT, DPT,
MS; Annie Fangman, PT,
DPT; Michelle Gutierrez, PT,
DSc; John Heick, PT, DPT,
PhD; Ethan Hood, PT, DPT,
MBA; Victoria Kochick, PT,
DPT; Becky Bliss, PT, DHSc,
DPT; and Pradeep Rapalli,
PT, DPT

Clinical Practice Guideline Physical Therapy Evaluation and Treatment After Concussion/Mild Traumatic Brain Injury

Journal of Orthopedic & Sports Physical Therapy; April 2020: Volume 50, Issue 4



This is for informational and educational purposes only. It does not constitute and should not be used as a substitute for medical advice, diagnosis, rehabilitation, or treatment. Patients and other members of the general public should always seek the advice of a qualified healthcare professional regarding personal health and medical conditions. The Academy of Neurologic Physical Therapy and its collaborators disclaim any liability to any party for any loss or damage by errors or omissions in this publication.

*Dangerous Mechanism

Fall from elevation less than or equal to 3 ft or 5 stairs

Less than 16 years old Known Vertebral Disease

Non-trauma Glasgow Coma Scale less than 15

Unstable Vital Signs

Previous C-Spine Surgery

- Axial load to head
- MVC high speed (>100Km/hr), rollover, ejection
- Motorized recreational vehicle
 Bicycle collision
- **Simple Rear-End MVC
 Pushed into oncoming
 traffic
- Hit by bus/large truck Rollover
- Hit by high speed vehicle

***Delayed Onset of Neck Pain

ABLE

IMAGING NOT

RECOMMENDED

Not immediate onset of neck pain

References

- 1. Stiell ^TG, Wells GA, Vandemheen KL, Clement CM, Lesiuk H, De Maio VJ, Laupacis A, Schull M, McKnight RD, Verbeek R, Brison R. The Canadian C-spine rule for radiography in alert and stable trauma patients. Jama. 2001 Oct 17;286(15):1841-8.
- 2. Stiell IG et al. The Candian C-Spine Rule versus the NEXUS Low-Risk Criteria in patients with trauma. N Engl J Med 2003;349:2510-8.

© 2023 by the Academy of Neurologic Physical Therapy.