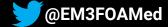


Lightning Learning: SCIWORA



https://em3.org.uk





youtube.com/em3orguk



WHAT?

Spinal Cord Injury Without Radiological Abnormality

Defined as: 'clinical symptoms of traumatic myelopathy with no radiographic or computed tomographic features of spinal fracture or instability' (2)

Neurological symptoms persisting despite normal radiographic images on x-ray or CT of the spine is an indication for an MRI to rule out a cord injury.

Occurs more often in children

Mainly affects the cervical spine.

WHY?

Accounts for 6-19% of spinal cord injuries in *children* and 9-14% of spinal cord injuries in *adults*.

When a patient is immobilised following trauma, you must **ALWAYS** examine for neurological deficit **BEFORE** removing immoblisation even if x-ray or CT is **NORMAL** to ensure a SCIWORA is not missed.

May present as complete or incomplete spinal cord injury.

HOW?

- 1. SCIWORA (Radiopaedia) http://bit.ly/2K9gZjc
- 2. Clinical and Radiological Aspects of SCIWORA (NCBI) http://bit.ly/2MVvHYQ
- 3. Incomplete Spinal Cord Injuries (Ortho Bullets)
 http://bit.ly/2K8xhcn



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