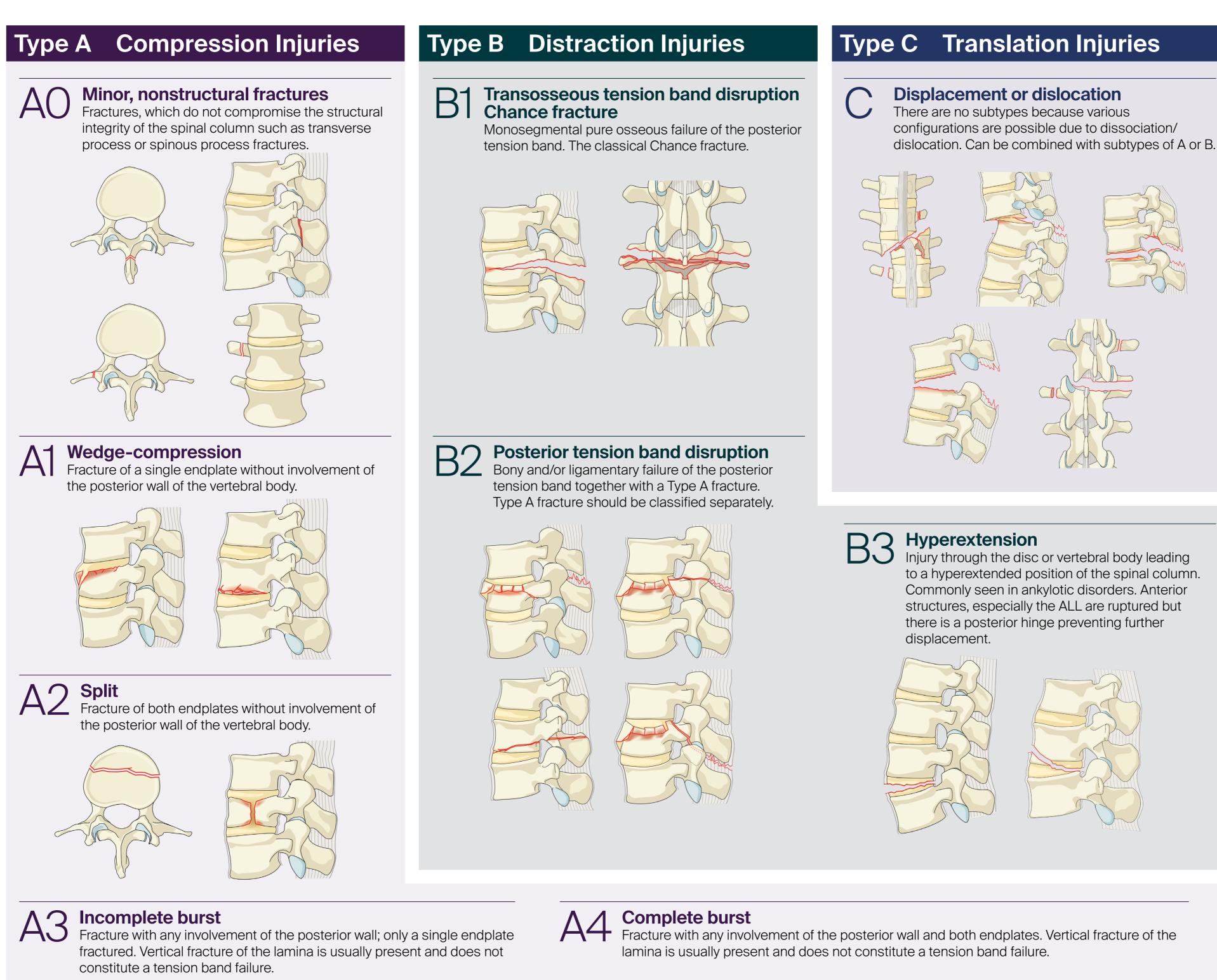
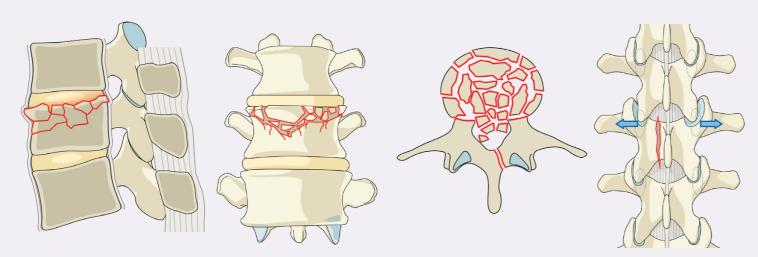
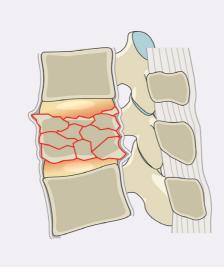


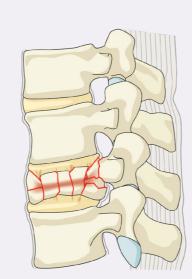
## **AO Spine Thoracolumbar Injury Classification System**

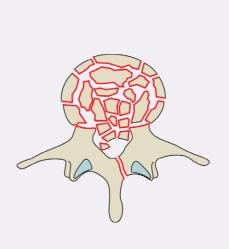




Fracture with any involvement of the posterior wall and both endplates. Vertical fracture of the lamina is usually present and does not constitute a tension band failure.

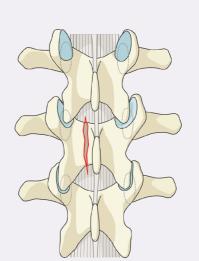






**Modifiers** 

Description



This modifier is used to designate fractures with an indeterminate injury to the tension band based on spinal imaging with or without MRI. This modifier is important for designating those injuries with stable injuries from a bony standpoint for which ligamentous insufficiency may help

Is used to designate a patient-specific comorbidity, which might argue

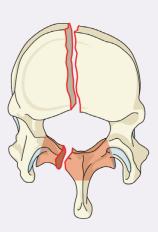
either for or against surgery for patients with relative surgical indications. Examples of an M2 modifier include ankylosing spondylitis or burns

→ L1: A4

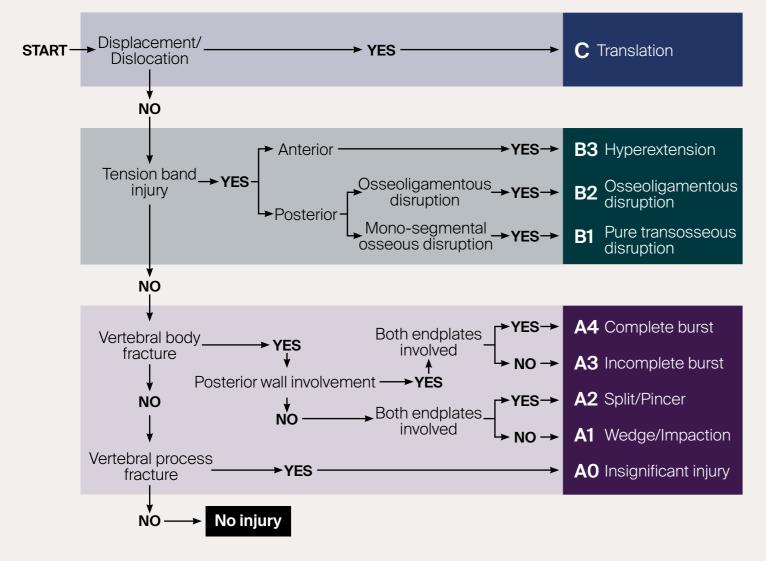
(NO; M1)

determine whether operative stabilization is a consideration.

affecting the skin overlying the injured spine.



## Algorithm for morphologic classification



## **Neurology**

Туре	Neurological
NO	Neurology intact
N1	Transient neurologic deficit
N2	Radicular symptoms
N3	Incomplete spinal cord injury or any degree of cauda equina injury
N4	Complete spinal cord injury
NX	Cannot be examined
+	Continued spinal cord compression

## **Classification Nomenclature**

Complete burst fracture of L1, neurologically Displacement injury of the segment T 8/9 with an incomplete burst intact, PLC status unclear fracture of T9, incomplete spinal cord injury, ankylosing spondylitis T8-T9: C← Primary injury (T9: A3; N3; M2) Secondary injur Neurologic status and modifiers

1. Vaccaro, A. R., C. Oner, C. K. Kepler, M. Dvorak, K. Schnake, C. Bellabarba, M. Reinhold, B. Aarabi, F. Kandziora, J. Chapman, R. Shanmuganathan, M. Fehlings, L. Vialle, A. O. S. C. Injury and F. Trauma Knowledge (2013). "AOSpine thoracolumbar spine injury classification system: fracture description, neurological status, and key modifiers." Spine (Phila Pa 1976) 38(23): 20282. Kepler, C. K., A. R. Vaccaro, J. D. Koerner, M. F. Dvorak, F. Kandziora, S. Rajasekaran, B. Aarabi, L. R. Vialle, M. G. Fehlings, G. D. Schroeder, M. Reinhold, K. J. Schnake, C. Bellabarba and F. Cumhur Oner (2015). "Reliability analysis of the AOSpine thoracolumbar spine injury classification system by a worldwide group of naive spinal surgeons." Eur