AOSpine Thoracolumbar Classification System

**Type A. Compression Injuries**
- A0. Minor, nonstructural fractures
- A1. Wedge-compression
- A2. Split
- A3. Incomplete burst
- A4. Complete burst

**Type B. Distraction Injuries**
- B1. Transosseous tension band disruption / Chance fracture
- B2. Posterior tension band disruption
- B3. Hyperextension

**Type C. Translation Injuries**
- C. Displacement / Dislocation

Contact: research@aospine.org
Further information: www.aospine.org/classification
Algorithm for Morphologic Classification

START

Displacement/Dislocation → YES → C Translation

NO

Translation

Tension band injury → YES →

Anterior → YES → B3 Hyperextension

Posterior

Osseoligamentous disruption → YES → B2 Osseoligamentous disruption

Mono-segmental osseous disruption → YES → B1 Pure transosseous disruption

NO

Vertebral body fracture → YES →

Both endplates involved → YES → A4 Complete burst

NO →

Posterior wall involvement → YES → A3 Incomplete burst

NO →

Vertebral process fracture → YES →

Both endplates involved → YES → A2 Split/Pincer

NO →

No injury