

Thoracolumbar injury classification and severity score

- [Validity of a new scoring system for assessment and decision guidance of misplaced pedicular screws](#)
- [Outcome characteristics of surgical management of single-level junctional thoracolumbar fractures by short segment posterior transpedicular fixation in selected patients](#)
- [Clinical Efficacy of Posterior and Combined Posterior-Anterior Surgical Approaches for Intractable Tuberculous Thoracolumbar Kyphosis: A Retrospective Analysis](#)
- [Single-Stage Posterior Unilateral Transpedicular Corpectomy With Circumferential Reconstructive Stabilization for the Treatment of Severe Thoracic and Lumbar Complete Burst Fractures](#)
- [Association between final local kyphosis angle and residual back pain in traumatic vertebral fractures at the thoracolumbar junction with posterior stabilization using percutaneous pedicle screws](#)
- [Functional and Radiological Outcomes of Short-Segment Fixation With Intermediate Screws for Thoracolumbar Spine Fractures](#)
- [Comparing Management Strategies for Thoracolumbar Injury Classification and Severity Score of 4 \(TLICS = 4\) in the Pediatric Population: A Single-Institutional Experience](#)
- [The neurologically intact patient with TLICS 4 or 5 burst fracture should be given a trial of nonoperative management](#)

<https://www.mdcalc.com/calc/10126/thoracolumbar-injury-classification-severity-scale-tlics>

The [thoracolumbar injury](#) classification and severity score (TLICS) has been developed to overcome some of the perceived difficulties regarding the use of other [thoracolumbar spine fracture classification](#) systems for determining [Thoracolumbar spine fracture treatment](#).

Classification

The classification score is based on three major categories, known as parameters:

Injury morphology

posterior ligamentous complex integrity

Patient neurology

Points are assigned to parameters in each of the major categories.

Parameters

Morphology

[Thoracolumbar compression fracture](#) - 1 point

[Thoracolumbar burst fracture](#) - 2 points

[Translation-rotation spine injury](#) - 3 points

distraction injury - 4 points

Posterior ligamentous complex

intact - 0 points

suspected injury or indeterminate - 2 points

injured - 3 points

Neurologic involvement

intact - 0 points

nerve root - 2 points

cord/conus medullaris (incomplete) - 3 points

cord/conus medullaris (complete) - 2 points

[cauda equina syndrome](#)- 3 points

Treatment and prognosis

see [Thoracolumbar spine fracture surgery indications](#).

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