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Imaging evaluation of traumatic thoracolumbar spine injuries: radiological review

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Abstract

Spine fractures account for a large portion of musculoskeletal injuries worldwide. A classification of spine fractures is necessary in order to develop a common language for treatment indications and outcomes. Several classification systems have been developed based on injury anatomy or mechanisms of action, but they have demonstrated poor reliability, have yielded little prognostic information, and have not been widely used. For this reason, the Arbeitsgemeinschaft für Osteosynthesefragen (AO) committee has classified thoracolumbar spine injuries based on the pathomorphological criteria into 3 types (A: compression, B: distraction, C: axial torque and rotational deformity). Each of

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