

# Ankylosing spinal disorder

## Complications

Patients with ankylosing spinal disorders (ASDs), including ankylosing spondylitis (AS) and diffuse idiopathic skeletal hyperostosis (DISH), have been shown to experience significantly increased rates of postoperative complications.

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Complications in spine trauma patients with Ankylosing spinal disorders may be driven by comorbidity burden rather than operative or injury-related factors. The Charlson Comorbidity Index (CCI) may be a valuable tool for the evaluation of this unique population <sup>1)</sup>

<sup>1)</sup>

Lakomkin N, Mikula AL, Pinter ZW, Wellings E, Alvi MA, Scheitler KM, Pennington Z, Lee NJ, Freedman BA, Sebastian AS, Fogelson JL, Bydon M, Clarke MJ, Elder BD. Perioperative risk stratification of spine trauma patients with ankylosing spinal disorders: a comparison of 3 quantitative indices. J Neurosurg Spine. 2022 May 27:1-7. doi: 10.3171/2022.4.SPINE211449. Epub ahead of print. PMID: 35623371.

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