

Are Higher Global Alignment and Proportion Scores Associated with Mechanical Complications After Adult Spinal Deformity Surgery?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Validity of the global alignment proportion (GAP) score in predicting mechanical complications after adult spinal deformity surgery in elderly patients. <i>European Spine Journal</i> , 2021, 30, 1190-1198.	2.2	17
2	Proximal Junctional Kyphosis in Adult Spinal Deformity: Definition, Classification, Risk Factors, and Prevention Strategies. <i>Asian Spine Journal</i> , 2022, 16, 440-450.	2.0	35
3	Commentary on "Modified Global Alignment and Proportion Scoring With Body Mass Index and Bone Mineral Density Analysis in Global Alignment and Proportion Score of Each 3 Categories for Predicting Mechanical Complications After Adult Spinal Deformity Surgery". <i>Neurospine</i> , 2021, 18, 492-494.	2.9	0
4	CORR Insights®: Are Higher Global Alignment and Proportion Scores Associated With Increased Risks of Mechanical Complications After Adult Spinal Deformity Surgery? An External Validation. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 321-323.	1.5	1
5	Improvement and International Validation of the Predictive Probability of the Patient Demographics, Radiographic Index, and Surgical Invasiveness for Mechanical Failure (PRISM) Model for Preventive Procedures in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 680-690.	2.0	2
6	Revision Surgery Due to Proximal Junctional Failure and Rod Fracture in Adult Deformity Surgery at a Single Institution in Japan. <i>Spine Surgery and Related Research</i> , 2022, 6, 497-502.	0.7	5
7	Complications of adult spinal deformity surgery: A literature review. <i>Journal of Craniovertebral Junction and Spine</i> , 2022, 13, 17.	0.8	13
8	The impact of lumbar alignment targets on mechanical complications after adult lumbar scoliosis surgery. <i>European Spine Journal</i> , 2022, 31, 1573-1582.	2.2	9
9	Analysis of measures against mechanical complications in circumferential minimally invasive surgery for adult spinal deformity. <i>Mini-invasive Surgery</i> , 0, , .	0.5	0
10	Pelvic Nonresponse Following Treatment of Adult Spinal Deformity: Influence of Realignment Strategies on Occurrence. <i>Spine</i> , 2023, 48, 645-652.	2.0	4
11	Influence of spinal lordosis correction location on proximal junctional failure: a biomechanical study. <i>Spine Deformity</i> , 0, , .	1.5	0
12	GAP score potential in predicting post-operative spinal mechanical complications: a systematic review of the literature. <i>European Spine Journal</i> , 2022, 31, 3286-3295.	2.2	8
13	Should Global Realignment Be Tailored to Frailty Status for Patients Undergoing Surgical Intervention for Adult Spinal Deformity?. <i>Spine</i> , 2023, 48, 930-936.	2.0	3
14	The validation study of preoperative surgical planning for corrective target in adult spinal deformity surgery with 5-year follow-up for mechanical complications. <i>European Spine Journal</i> , 2022, 31, 3662-3672.	2.2	7
15	Use of the Global Alignment and Proportion score to predict postoperative health-related quality of life in adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2023, 38, 340-347.	1.7	0
16	Association between sagittal alignment and loads at the adjacent segment in the fused spine: a combined clinical and musculoskeletal modeling study of 205 patients with adult spinal deformity. <i>European Spine Journal</i> , 2023, 32, 571-583.	2.2	2
17	Does the Global Alignment and Proportion score predict mechanical complications in circumferential minimally invasive surgery for adult spinal deformity?. <i>Neurosurgical Focus</i> , 2023, 54, E11.	2.3	1
18	The Effects of Global Alignment and Proportionality Scores on Postoperative Outcomes After Adult Spinal Deformity Correction. <i>Operative Neurosurgery</i> , 2023, 24, 533-541.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Building clinically actionable models for predicting mechanical complications in postoperatively well-aligned adult spinal deformity patients using XGBoost algorithm. Informatics in Medicine Unlocked, 2023, 37, 101191.	3.4	0
20	Mechanical complications and reoperations after adult spinal deformity surgery: a clinical analysis with the GAP score. European Spine Journal, 2023, 32, 1421-1428.	2.2	2
21	Characterizing the Current Clinical Trial Landscape in Spinal Deformity: A Retrospective Analysis of Trends in the ClinicalTrials.gov Registry. World Neurosurgery, 2023, 174, e92-e102.	1.3	0
22	Proximal Junction Failure in Spine Surgery: Integrating Geometrical and Biomechanical Global Descriptors Improves GAP Score-Based Assessment. Spine, 2023, 48, 1072-1081.	2.0	2
23	A Validation Study of Four Preoperative Surgical Planning Tools for Adult Spinal Deformity Surgery in Proximal Junctional Kyphosis and Clinical Outcomes. Neurosurgery, 2023, 93, 706-716.	1.1	1
24	Predicting Mechanical Complications After Adult Spinal Deformity Operation Using a Machine Learning Based on Modified Global Alignment and Proportion Scoring With Body Mass Index and Bone Mineral Density. Neurospine, 2023, 20, 265-274.	2.9	8
25	Sagittal realignment: surgical restoration of the global alignment and proportion score parameters: a subgroup analysis. What are the consequences of failing to realign?. European Spine Journal, 0, , .	2.2	1
26	Insight into the effect of a heavy metal mixture on neurological damage in rats through combined serum metabolomic and brain proteomic analyses. Science of the Total Environment, 2023, 895, 165009.	8.0	0
27	External Validation of the Global Alignment and Proportion Score as Prognostic Tool for Corrective Surgery in Adult Spinal Deformity: A Systematic Review and Meta-Analysis. World Neurosurgery, 2023, 177, e600-e612.	1.3	0
28	Spinopelvic Alignment. Neurosurgery Clinics of North America, 2023, , .	1.7	0
29	Proximal Junctional Kyphosis or Failure After Adult Spinal Deformity Surgery - Review of Risk Factors and Its Prevention. Neurospine, 2023, 20, 863-875.	2.9	1
30	Evolution of distributional alignment goals. Seminars in Spine Surgery, 2023, 35, 101063.	0.2	0
31	The Importance of Incorporating Proportional Alignment in Adult Cervical Deformity Corrections Relative to Regional and Global Alignment. Spine, 0, , .	2.0	0
32	Persistent Lower Extremity Compensation for Sagittal Imbalance After Surgical Correction of Complex Adult Spinal Deformity: A Radiographic Analysis of Early Impact. Operative Neurosurgery, 2023, , .	0.8	0
33	Revision Free Loss of Sagittal Correction > 3 Years After Adult Spinal Deformity Surgery. Spine, 0, , .	2.0	0
34	Assessing the predictive power of the GAP score on mechanical complications: a comprehensive systematic review and meta-analysis. European Spine Journal, 2024, 33, 1311-1319.	2.2	0
35	Distal Junctional Failures in Degenerative Thoracolumbar Hyperkyphosis. Orthopaedic Surgery, 2024, 16, 830-841.	1.8	0
36	The Impact of Unplanned Reoperation Following Adult Spinal Deformity Surgery. Journal of Bone and Joint Surgery - Series A, 2024, 106, 681-689.	3.0	0