

Pediatric Subaxial Cervical Spine Injury

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Appropriate management of [subaxial cervical spine injury](#) in children requires an appreciation for the differences in anatomy, biomechanics, injury patterns, and treatment options compared with adult patients. Increased flexibility, weak neck muscles, and cranial disproportion predispose younger children to upper cervical injuries and spinal cord injury without radiographic abnormality. A majority of subaxial cervical spine injuries can be treated nonoperatively. Surgical instrumentation options for children have significantly increased in recent years. Future studies of outcomes for children with subaxial cervical spine injury should focus on injury classification and standardized outcome measures to ensure continued improvement in quality of care for this patient population ¹⁾.

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Madura CJ, Johnston JM Jr. Classification and Management of Pediatric Subaxial Cervical Spine Injuries. Neurosurg Clin N Am. 2017 Jan;28(1):91-102. doi: 10.1016/j.nec.2016.07.004. Review. PubMed PMID: 27886885.

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