



Revealing the Diagnostic Pathway of Injuries, Degenerative and Metastatic Disease in the Cervical Spine

Guest Editor:

Prof. Dr. Halldór Jónsson jr

Landspítali University Hospital,
Department of Orthopaedics,
Reykjavik, Iceland

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Message from the Guest Editor

Cervical spine injuries in traffic accident victims with skull fractures are common. Most lesions are soft-tissue injuries. Plain radiograms fail to show many fractures and virtually all soft-tissue lesions. Uncovertebral injuries are common, both with disc ruptures and as isolated lesions. Cartilaginous end-plate avulsions are typical lesions in adolescents. Most cervical spine injuries are not detected during autopsies. Anterior locking screw-plate systems provide excellent stability and facilitate uneventful healing of anterior fusions. Ancillary posterior fixation entails restricted neck mobility, pain, mechanical conflict with facet joints and extended fusions. Posterior articular pillar screw fixation always carry risk for lesions of the segmental nerves and blood vessels. The cryoplaning technique provides an excellent approach to anatomical and morphometric studies.





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Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine &
PET National University Hospital,
Rigshospitalet, University of
Copenhagen, Blegdamsvej 9, DK-
2100 Copenhagen, Denmark

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Diagnostics Editorial Office
MDPI, Grosspeteranlage 5
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