

Spinal column reconstruction

Recently, aggressive [surgical techniques](#) and a push toward en bloc resections of certain [spinal tumors](#) have resulted in a need for creative spinal column reconstruction. Iatrogenic instability following these resections requires a thoughtful approach to adequately transfer load-bearing forces from the skull and upper cervical spine to the subaxial spine.

Clarke et al. present a series of 7 cases in which lateral mass reconstruction with a cage or fibular strut graft was used to provide load-bearing support, including 1 case of bilateral cage placement.

Lateral mass reconstruction provides a potential alternative or adjuvant method of restoring the load-bearing capabilities of the cervical spine ¹⁾.

¹⁾

Clarke MJ, Zadnik PL, Groves ML, Sciubba DM, Witham TF, Bydon A, Gokaslan ZL, Wolinsky JP. Fusion following lateral mass reconstruction in the cervical spine. J Neurosurg Spine. 2015 Feb;22(2):139-50. doi: 10.3171/2014.10.SPINE13858. Epub 2014 Nov 28. PubMed PMID: 25431961.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=spinal_column_reconstruction

Last update: **2024/06/07 02:53**

