# **Accepted Manuscript**

Buckling Collapse of Mid Cervical Spine Secondary to Neurofibromatosis

kunal c shah, akshay gadia, premik nagad, shekhar bhojraj, abhay nene

PII: \$1878-8750(18)30538-2

DOI: 10.1016/j.wneu.2018.03.060

Reference: WNEU 7672

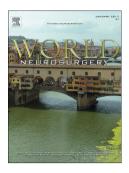
To appear in: World Neurosurgery

Received Date: 28 December 2017

Revised Date: 5 March 2018
Accepted Date: 7 March 2018

Please cite this article as: shah kc, gadia a, nagad p, bhojraj s, nene a, Buckling Collapse of Mid Cervical Spine Secondary to Neurofibromatosis, *World Neurosurgery* (2018), doi: 10.1016/j.wneu.2018.03.060.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



#### ACCEPTED MANUSCRIPT

**Buckling Collapse of Mid Cervical Spine Secondary to Neurofibromatosis** 

#### **Abstract**

Buckling collapse is the term typically used to describe severe kyphosis more than 100 degrees, characteristically seen in thoracolumbar tuberculosis. Neurofibromatosis is rarely associated with severe cervical kyphosis. Dystrophic changes in vertebra make surgical correction and fusion challenging.

Single stage cervical osteotomies (pedicle subtraction osteotomy, vertebral column resection etc) are commonly done in cervico-thoracic junction. However it is technically challenging and associated with high risk of vertebral artery injury, neural injury etc when performed in higher cervical spine. Hence, in our case we did staged procedure performing circumferential osteotomy for buckling kyphosis in mid cervical spine. Since it involved mid cervical spine and there was no chin to chest deformity, we preferred anterior-posterior-anterior sequence.

## **Keywords:**

Buckling Collapse, Kyphosis, Cervical Spine, Neurofibromatosis

### Download English Version:

# https://daneshyari.com/en/article/8691585

Download Persian Version:

https://daneshyari.com/article/8691585

<u>Daneshyari.com</u>