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The modified surgical treatment for a patient with neurofibromatosis scoliosis: A case report

Shi Y *et al.* Modified surgical treatment of neurofibromatosis scoliosis

Yan Shi, Yun-He Li, Zhi-Ping Guan, Yong-Can Huang, Bin-Sheng Yu

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Author: Nozomu Motono, Masahito Kawaguchi,... **Publish Year:** 2018

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Dec 03, 2015 · INTRODUCTION. **Neurofibromatosis** type 1 (NF-1) is an autosomal dominant hereditary disease and up to half of **patients**, orthopedic disorders are present, especially **scoliosis**, which is the most common skeletal manifestation^{1,5,10,13,14}). These spinal deformities usually divided into dystrophic and non-dystrophic groups depending on the absence or presence of three or more bony ...

Author: Woong-Beom Kim, Young-Seop Park, J... **Publish Year:** 2015

Surgical Treatment of Dystrophic Spinal Curves Caused by ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4998811>

INTRODUCTION. **Neurofibromatosis** type 1 (NF-1) is a multisystemic disease that mainly affects cellular growth of neural tissue. 1 Most **patients** undergo some type of bony dysplasia. They include spinal deformities, such as **scoliosis** or kyphosis, pseudarthrosis of the tibia, and soft tissue tumors. 2,3 **Scoliosis** is the most common skeletal manifestation of NF-1, with an occurrence ranging between ...

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Author: Xiong Zhao, Jun Li, Lei Shi, Liu Yang, Zi-xia...

Publish Year: 2016

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Author: Woong-Beom Kim, Young-Seop Park,... **Publish Year:** 2015

[Dural Ectasia in Neurofibromatosis 1: Case Series ...](#)

<https://academic.oup.com/neurosurgery/article/86/5/646/5539786> ▾

Jul 27, 2019 · Thirteen of the 37 **patients** (12 conservatively managed and 1 surgically managed) had comorbid **scoliosis**, and 6 of those 13 **patients** underwent **surgical** correction of their **scoliosis**. One **patient** had **surgery** for both **scoliosis** and dural ectasia, but in that **case**, the **scoliosis surgery** occurred 30 yr prior to the dural ectasia operation.

Author: Sean P Polster, Mark C Dougherty, H... **Publish Year:** 2020

[Treatment of dystrophic scoliosis in neurofibromatosis ...](#)

<https://www.sciencedirect.com/science/article/pii/S1529943014016076>

Apr 01, 2015 · Given the rarity of the condition, results following **surgical treatment** for dystrophic **scoliosis** in the setting of **neurofibromatosis** (NF)-I are not widely available in the literature. The authors present their experience with a single-stage posterior technique. Contribution. This was a retrospective **case** series limited to 16 **patients**.

Cited by: 5 **Author:** Zhenyu Wang, Changfeng Fu, Jiali Leng, ...

Publish Year: 2015