

Accepted Manuscript

Thoracic spinal osteochondroma: A rare presentation of spinal cord compression

David R. Hansberry, Raghav Gupta, Arpan V. Prabhu, Nitin Agarwal, Mougnyan Cox, Upasana Joneja, Mark T. Curtis, James S. Harrop, Adam E. Flanders



PII: S0899-7071(17)30093-1
DOI: doi: [10.1016/j.clinimag.2017.05.014](https://doi.org/10.1016/j.clinimag.2017.05.014)
Reference: JCT 8252

To appear in:

Received date: 26 February 2017
Revised date: 12 May 2017
Accepted date: 15 May 2017

Please cite this article as: David R. Hansberry, Raghav Gupta, Arpan V. Prabhu, Nitin Agarwal, Mougnyan Cox, Upasana Joneja, Mark T. Curtis, James S. Harrop, Adam E. Flanders , Thoracic spinal osteochondroma: A rare presentation of spinal cord compression, (2017), doi: [10.1016/j.clinimag.2017.05.014](https://doi.org/10.1016/j.clinimag.2017.05.014)

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.

Thoracic Spinal Osteochondroma: A Rare Presentation of Spinal Cord Compression

David R. Hansberry, M.D., Ph.D.,¹ Raghav Gupta, B.S.,² Arpan V. Prabhu, B.S.,³ Nitin Agarwal, M.D.,⁴ Mougnyan Cox, M.D.,¹ Upasana Joneja, M.D.,⁵ Mark T. Curtis, M.D., Ph.D.,⁵ James S. Harrop, M.D.,⁶ Adam E. Flanders, M.D.¹

¹Department of Radiology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania, U.S.A.

²New Jersey Medical School, Rutgers University, Newark, New Jersey, U.S.A.

³Department of Radiation Oncology, University of Pittsburgh Cancer Institute, Pittsburgh, Pennsylvania, U.S.A.

⁴Department of Neurological Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, U.S.A.

⁵Department of Pathology, Anatomy, & Cell Biology, Thomas Jefferson University Hospital, Philadelphia, U.S.A.

⁶Department of Neurological Surgery, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania, U.S.A.

KEY WORDS: Osteochondroma; spine; hereditary multiple exostoses; myelopathy

ABBREVIATIONS: Magnetic resonance imaging (MRI); computed tomography (CT)

Corresponding Author

David R. Hansberry, M.D., Ph.D.

Department of Radiology

Thomas Jefferson University Hospitals

132 South 10th Street

Philadelphia, Pennsylvania 19107

Phone: (856) 577-2088

Email: david.hansberry@jefferson.edu

Download English Version:

<https://daneshyari.com/en/article/8821644>

Download Persian Version:

<https://daneshyari.com/article/8821644>

[Daneshyari.com](https://daneshyari.com)