Accepted Manuscript

Key Preoperative Clinical Factors Predicting Outcome in Surgically Treated Patients with Metastatic Epidural Spinal Cord Compression: Results from a Survey of 438 AOSpine International Members

A. Nater, MD, L. Tetreault, PhD, A.M. Davis, PhD, A. Sahgal, MD, A.V. Kulkarni, MD, PhD, M.G. Fehlings, MD, PhD

PII: S1878-8750(16)30540-X

DOI: 10.1016/j.wneu.2016.07.018

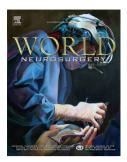
Reference: WNEU 4311

To appear in: World Neurosurgery

Received Date: 1 April 2016 Revised Date: 5 July 2016 Accepted Date: 6 July 2016

Please cite this article as: Nater A, Tetreault L, Davis A, Sahgal A, Kulkarni A, Fehlings M, Key Preoperative Clinical Factors Predicting Outcome in Surgically Treated Patients with Metastatic Epidural Spinal Cord Compression: Results from a Survey of 438 AOSpine International Members, *World Neurosurgery* (2016), doi: 10.1016/j.wneu.2016.07.018.

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.



Survey on Key Preoperative Clinical Factors in surgical MESCC patients

```
Title: Key Preoperative Clinical Factors Predicting Outcome in Surgically Treated Patients
 1
 2
      with Metastatic Epidural Spinal Cord Compression: Results from a Survey of 438 AOSpine
      International Members
 3
 4
 5
     Authors
 6
      Nater A, MD<sup>1</sup>
      Tetreault L, PhD<sup>2</sup>
 7
      Davis AM, PhD<sup>3</sup>
 8
      Sahgal A, MD<sup>4</sup>
 9
      Kulkarni AV, MD, PhD<sup>1,5</sup>
10
      Fehlings MG, MD, PhD<sup>1,2</sup>*
11
12
13
     Affiliations
      (1) Department of Surgery, Division of Neurosurgery, University of Toronto, Toronto,
14
           Ontario, Canada
15
16
      (2) Division of Neurosurgery, Toronto Western Hospital, Toronto, Ontario, Canada.
      (3) Division of Health Care and Outcomes Research, Krembil Research Institute, University
17
           Health Network; Institute of Health Policy, Management and Evaluation, Departments
18
19
           of Physical Therapy and Rehabilitation Science Institute, University of Toronto,
           Toronto, Ontario, Canada.
20
      (4) Department of Radiation Oncology, Sunnybrook Odette Cancer Centre, Toronto, Canada
21
      (5) Division of Neurosurgery, Hospital for Sick Children, University of Toronto, Toronto,
22
23
           Ontario, Canada
24
      * Corresponding author
25
      Michael G. Fehlings
26
         Toronto Western Hospital, 399 Bathurst Street, Suite 4W-449
27
         Toronto, ON
28
        M5T 2S8, Canada
29
        tel.416-603-5627 | fax.416-603-5298
30
        michael.fehlings@uhn.ca
31
32
      Key words: Metastatic epidural spinal cord compression, Outcomes, Predictive factors,
33
34
      Quality of life, Surgery, Survival, Survey
35
36
     Abbreviations list
                       American Spinal Injury Association
37
      ASIA
      BMI
                       Body Mass Index
38
                       Confidence interval
39
      CI
                       Eastern Co-operative Oncology Group
      ECOG
40
      EQ-5D
                       EuroQol 5 dimensions
41
                       Clinical Prediction Rules
     CPR
42
43
     HRQoL
                       Health-related Quality of Life
      MESCC
                       Metastatic Epidural Spinal Cord Compression
44
                       Neurologic, Oncologic, Mechanical, and Systemic
45
      NOMS
                       Oswestry Spinal Risk Index
      OSRI
46
                       Spinal Instability Neoplastic Score
47
      SINS
48
49
50
     Level of evidence: 5 (based on Oxford Centre for Evidence-Based Medicine)
```

Download English Version:

https://daneshyari.com/en/article/6043287

Download Persian Version:

https://daneshyari.com/article/6043287

<u>Daneshyari.com</u>