

Accepted Manuscript

Title: Depression is associated with the long-term outcome of lumbar spinal stenosis surgery: a 10-year follow-up study

Author: Iina Tuomainen, Maarit Pakarinen, Timo Aalto, Sanna Sinikallio, Heikki Kröger, Heimo Viinamäki, Olavi Airaksinen

PII: S1529-9430(17)30902-6
DOI: <http://dx.doi.org/doi: 10.1016/j.spinee.2017.08.228>
Reference: SPINEE 57457

To appear in: *The Spine Journal*

Received date: 8-6-2017
Revised date: 13-7-2017
Accepted date: 9-8-2017

Please cite this article as: Iina Tuomainen, Maarit Pakarinen, Timo Aalto, Sanna Sinikallio, Heikki Kröger, Heimo Viinamäki, Olavi Airaksinen, Depression is associated with the long-term outcome of lumbar spinal stenosis surgery: a 10-year follow-up study, *The Spine Journal* (2017), <http://dx.doi.org/doi: 10.1016/j.spinee.2017.08.228>.

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.



Depression is associated with the long-term outcome of lumbar spinal stenosis surgery: a 10-year follow-up study

Tuomainen Iina BM^{*1}, Pakarinen Maarit MD, PhD^{*2}, Aalto Timo MD, PhD³, Sinikallio Sanna PhD⁴, Kröger Heikki MD, PhD⁵, Viinamäki Heimo MD, PhD², Airaksinen Olavi MD, PhD¹

1. Department of Rehabilitation, Kuopio University Hospital, Finland

2. Department of Psychiatry, Kuopio University Hospital and University of Eastern Finland

3. Medical Center Ikioma, Mikkeli, Finland

4. School of Educational Sciences and Psychology, University of Eastern Finland, Joensuu, Finland

5. Department of Orthopaedics and Traumatology, Kuopio University Hospital and Kuopio Musculoskeletal Research Unit, University of Eastern Finland

* Equal Contribution

Corresponding author: Iina Tuomainen, Department of Rehabilitation Medicine, Kuopio University Hospital, PL 100, FI-70029 KYS, Finland, Tel +358443438562, e-mail: iinatuo@student.uef.fi,

Abstract

Background Context Depression is associated with greater postoperative disability in lumbar spinal stenosis (LSS) patients. No previous studies have reported the association in a 10-year follow-up.

Download English Version:

<https://daneshyari.com/en/article/8804525>

Download Persian Version:

<https://daneshyari.com/article/8804525>

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