Accepted Manuscript

Title: Long-term outcomes of a large, prospective observational cohort of older adults with back pain

Author: Jeffrey G. Jarvik, Laura S. Gold, Katherine Tan, Janna L. Friedly, Srdjan S. Nedeljkovic, Bryan A. Comstock, Richard A. Deyo, Judith A. Turner, Brian W. Bresnahan, Sean D. Rundell, Kathryn T. James, David R. Nerenz, Andrew L. Avins, Zoya Bauer, Larry Kessler, Patrick J. Heagerty

PII: S1529-9430(18)30021-4

DOI: https://doi.org/10.1016/j.spinee.2018.01.018

Reference: SPINEE 57583

To appear in: The Spine Journal

Received date: 27-7-2017 Revised date: 25-11-2017 Accepted date: 19-1-2018



Please cite this article as: Jeffrey G. Jarvik, Laura S. Gold, Katherine Tan, Janna L. Friedly, Srdjan S. Nedeljkovic, Bryan A. Comstock, Richard A. Deyo, Judith A. Turner, Brian W. Bresnahan, Sean D. Rundell, Kathryn T. James, David R. Nerenz, Andrew L. Avins, Zoya Bauer, Larry Kessler, Patrick J. Heagerty, Long-term outcomes of a large, prospective observational cohort of older adults with back pain, *The Spine Journal* (2018), https://doi.org/10.1016/j.spinee.2018.01.018.

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.

ACCEPTED MANUSCRIPT

1	Long-term Outcomes of a Large, Prospective Observational Cohort of Older Adults with
2	Back Pain
3 4	Running Title: Cohort of Older Adults with Back Pain
5	Jeffrey G. Jarvik, MD ^{1,2,3,4} , Laura S. Gold, PhD ^{1,4} , Katherine Tan ^{4,5} , Janna L. Friedly,
6	MD ^{4,6} , Srdjan S. Nedeljkovic MD ⁷ , Bryan A. Comstock, MS ^{4,5} , Richard A Deyo, MD ⁸ ,
7	Judith A. Turner, PhD ^{4,9} , Brian W. Bresnahan, PhD ^{1,4,10} , Sean D. Rundell, PhD ^{4,6} ,
8	Kathryn T. James, MPH ^{1,4} , David R. Nerenz, PhD ¹¹ , Andrew L. Avins, MD ¹² , Zoya
9	Bauer, MD ^{1,4} , Larry Kessler, ScD ^{3,4} , Patrick J. Heagerty, PhD ^{4,5}
10	
11	¹ Department of Radiology, University of Washington, Seattle, WA, USA
12	² Department of Neurological Surgery, University of Washington, Seattle, WA, USA
13	³ Department of Health Services, University of Washington, Seattle, WA, USA
14	⁴ Comparative Effectiveness, Cost and Outcomes Research Center, University of
15	Washington, Seattle, WA, USA
16	⁵ Department of Biostatistics, University of Washington, Seattle, WA, USA
17	⁶ Department of Rehabilitation Medicine, University of Washington, Seattle, WA, USA
18	⁷ Department of Anesthesiology, Perioperative and Pain Medicine, Brigham and
19	Women's Hospital and Spine Unit, Harvard Vanguard Medical Associates,
20	Boston, MA, USA
21	⁸ Department of Family Medicine, Department of Internal Medicine, and the Oregon
22	Institute of Occupational Health Sciences, Oregon Health and Science University,
23	Portland, OR, USA
24	⁹ Department of Psychiatry & Behavioral Sciences, University of Washington, Seattle,

دريافت فورى ب متن كامل مقاله

ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
 - ✓ امكان دانلود نسخه ترجمه شده مقالات
 - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 - ✓ امكان دانلود رايگان ۲ صفحه اول هر مقاله
 - ✔ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 - ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات