

# Factors tied to neck, back pain improvement identified

August 28 2014

---



(HealthDay)—Observational registry-based research can inform patients and physicians about prognosis for subacute or chronic neck or low back pain, according to a study published in the Aug. 1 issue of *The Spine Journal*.

Ana Royuela, from the Hospital Ramón y Cajal in Madrid, and colleagues analyzed data from a prospective registry of patients discharged after receiving a conservative treatment for subacute or chronic neck or low back [pain](#) (8,778 patients). Demographic, clinical, and work-related variables were included in a [predictive model](#) for each outcome (spinal pain, referred pain, and disability).

The researchers found that baseline scores for pain and disability, pain duration, having undergone X-ray, having undergone spine surgery, and

receiving financial assistance for neck or [low back pain](#) had predictive value in the three models. There was a range from slight to moderate in the discrimination of the three models, and calibration was good.

"A registry in routine practice can be used to develop models that estimate the probability of improvement for each individual patient undergoing a specific form of treatment," the authors write.

**More information:** [Abstract](#)  
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2014 [HealthDay](#). All rights reserved.

Citation: Factors tied to neck, back pain improvement identified (2014, August 28) retrieved 21 May 2023 from <https://medicalxpress.com/news/2014-08-factors-tied-neck-pain.html>

|  |
|--|
| <p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p> |
|--|