

# Post-op urinary retention common after spinal stenosis Sx

March 28 2017

---



(HealthDay)—Postoperative urinary retention (POUR) is a common

morbidity after surgery for degenerative lumbar spinal stenosis, according to research published in the April issue of *The Spine Journal*.

Sungjoon Lee, M.D., from the Inje University Haeundae Paik Hospital in South Korea, and colleagues reviewed the cases of 284 consecutive patients (male, 125; mean age, 63.3 years) who underwent [spinal surgery](#) for degenerative [lumbar spinal stenosis](#). All patients were monitored for POUR using a systematic postoperative voiding care protocol.

The incidence of POUR was 27.1 percent. The researchers found that significant risk factors included older age (odds ratio, 1.062; 95 percent confidence interval, 1.029 to 1.095) and a long duration of [surgery](#) (odds ratio, 1.003; 95 percent confidence interval, 1.001 to 1.005). The probability of POUR was determined using a formula, and a probability of  $\geq 0.26$  was established as the cut-off value (sensitivity, 0.75; specificity, 0.57).

"We recommend adopting a systematic postoperative voiding care protocol to prevent bladder overdistension and detrusor damage, especially for elderly patients and those who have undergone longer surgeries," the authors write.

**More information:** [Abstract](#)

[Full Text \(subscription or payment may be required\)](#)

[Editorial \(subscription or payment may be required\)](#)

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: Post-op urinary retention common after spinal stenosis Sx (2017, March 28) retrieved 4 May 2024 from <https://medicalxpress.com/news/2017-03-post-op-urinary-retention-common-spinal.html>

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.