

Diabetes impacts QOL outcome after lumbar decompression

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(HealthDay)—Diabetes predicts diminished quality of life (QOL)

improvements after lumbar decompression surgery, according to a study published in the June issue of *The Spine Journal*.

Michael P. Silverstein, M.D., from the Cleveland Clinic Center for Spine Health, and colleagues examined the effect of preoperative diabetes on postoperative change in QOL in a [retrospective cohort study](#) involving 212 [patients](#). Participants underwent lumbar decompression and were followed for a minimum of six months.

The researchers found that patients with diabetes experienced no significant changes in any QOL measures, while patients without diabetes experienced significant improvements in EuroQol 5-Dimensions (EQ-5D), Pain Disability Questionnaire, and Patient Health Questionnaire 9 (all P

"The burden of comorbidities may impact the QOL benefit of decompression spine surgery," the authors write. "In the present study, [diabetes](#) was found to independently predict diminished improvement in QOL after lumbar decompression."

Several authors disclosed financial ties to the medical technology industry.

More information: [Abstract](#)
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