

# Bariatric surgery lessens knee OA pain more in certain patients

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those who were injury-free, those with prior knee injuries improved less. However, a history of prior knee surgery was not similarly significant. There was less improvement among patients with multifocal OA.

"LAGB may be a viable treatment option for knee OA pain, irrespective of the degree of obesity," the authors write.

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

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(HealthDay)—Laparoscopic gastric band (LAGB) surgery is associated with more improvement in knee osteoarthritis (OA) in younger patients and those without prior knee injury, according to a study published recently in *Seminars in Arthritis and Rheumatism*.

Shannon X. Chen, from NYU Langone Medical Center in New York City, and colleagues reviewed bariatric records (2002 to 2015) at a single institution and analyzed data from 120 eligible [patients](#) reporting preoperative [knee](#) pain. Patients were asked to rate their pain using a 10-point scale at three time points: before surgery, one year post-surgery, and at the time of the survey.

The researchers found that there was no correlation between preoperative [body mass index](#) and knee pain reduction at one year post-LAGB, but the subgroup with the most body mass index improvement also reported the most knee improvement. Younger patients had significantly better pain reduction after one year. Compared to

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