Significant changes with sham Sx in prostatic hyperplasia

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(HealthDay)—Significant change is seen in symptom scores and maximum urinary flow for sham controlled endoscopic and injection benign prostatic hyperplasia interventions, according to a review published in the December issue of *The Journal of Urology*.

Charles Welliver, M.D., from Albany Medical College in New York, and colleagues conducted a systematic review of the literature to identify randomized controlled trials involving endoscopic or intraprostatic injection benign prostatic hyperplasia treatments that included a sham surgical arm. Data were included for 14 randomized controlled trials.

The researchers identified an average decrease of 27 percent (from 22.3 to 16.7) in the American Urological Association Symptom Score (AUASS) three months after a sham endoscopic procedure (P = 0.0003).

At three months there was an increase in maximum urinary flow of 1.3 ml per second (14 percent; P = 0.001). Prostate injection-based studies were similar at three months, with a 26 percent decrease in AUASS (from 21.3 to 15.7; P

"Sham controlled endoscopic and injection benign prostatic hyperplasia interventions demonstrate a considerable and statistically significant change in symptom scores and maximum urinary flow, which is comparable to the response seen in medication trials," the authors write.

Two authors disclosed financial ties to the pharmaceutical and medical device industries.

More information: Abstract
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