

Sacral neuromodulation safe for lower urinary tract dysfunction

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Sacral neuromodulation (SNM) is safe for patients with refractory lower

urinary tract dysfunction and yields high patient satisfaction, according to a study published online Sept. 9 in the *Scandinavian Journal of Urology*.

Hanne Kobberø, from Odense University Hospital in Denmark, and colleagues offered 22 patients with refractory idiopathic and neurogenic lower urinary tract dysfunction a two-stage test procedure and SNM device implantation. Patients rated their [satisfaction](#) with treatment using a 5-point Likert scale and completed a bother score of urinary, [bowel](#), and sexual symptoms (on a scale of 1 to 10, with 10 being the worst).

Nineteen of the patients were responders and had the pulse generator implanted. The researchers found that 17 patients were very satisfied/satisfied. In idiopathic and neurogenic patients, there was a significant change in urinary symptoms bother score, from 10 to 4 and 10 to 3, respectively. Eleven of the patients had symptoms from two or three pelvic compartments. Complications occurred in nine [patients](#), with resolution of all but one.

"Our study revealed that SNM could be done without life-threatening side effects," the authors write. "The overall complication rate is rather high compared to other studies and most [complications](#) were related to the electrode implantation and the learning curve around the SNM set-up."

More information: Hanne Kobberø et al, Implementation of sacral neuromodulation for urinary indications. A Danish prospective study during the initial 15 months of a new service in a tertiary referral hospital, *Scandinavian Journal of Urology* (2022). [DOI: 10.1080/21681805.2022.2120066](#)

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