Mini-slings noninferior to mid-urethral slings for stress urinary incontinence in women

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Single-incision mini-slings are noninferior to mid-urethral slings for women with stress urinary incontinence, according to a study published in the March 31 issue of the *New England Journal of Medicine*.

Mohamed Abdel-Fattah, M.D., from the University of Aberdeen in the United Kingdom, and colleagues compared mini-slings to mid-urethral slings among women at 21 U.K. hospitals during 36 months of follow-up in a pragmatic, noninferiority, randomized trial. A total of 298 women were randomly assigned to receive mini-slings and 298 were randomly assigned to mid-urethral slings.

The researchers found that success was reported by 79.1 and 75.6 percent of patients in the mini-sling and mid-urethral sling groups, respectively, at 15 months (adjusted risk difference, 4.6 percentage points; 95 percent confidence interval [CI], −2.7 to 11.8; P

"Adjustable anchored mini-slings were noninferior to tension-free mid-urethral slings with respect to patient-reported success at 15 months, and the between-group difference remained similar at 36 months," the authors write.

More information: Mohamed Abdel-Fattah et al, Single-Incision Mini-Slings for Stress Urinary Incontinence in Women, *New England Journal of Medicine* (2022). DOI: 10.1056/NEJMoa2111815

Ingrid Nygaard et al, Surgery for Stress Urinary Incontinence in Women—Improvement but Not a Cure, *New England Journal of Medicine* (2022). DOI: 10.1056/NEJMe2201166

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