



Commentary on “Predictors of postoperative complications from stress urinary incontinence procedures: a NSQIP database study”

Marianne Koch¹

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Midurethral sling surgery is the most common surgical treatment for stress urinary incontinence. This study was aimed at identifying risk factors for postoperative complications after midurethral sling surgery using the American College of Surgeons National Surgical Quality Improvement Program database.

Patient charts of 16,491 women who had received midurethral sling surgery between 2014 and 2018 were included. Outcome parameters were postoperative complications within 30 days of surgery and readmission and reoperation rates. Postoperative complications occurred in 4.2% of patients, of which urinary tract infection was the most frequent (3.4%). Older age (≥ 80 years), ASA (American Society of Anesthesiologists) class III and IV, and belonging to minority races were associated with increased odds

of complications and readmissions. Overall, 30-day readmission rates and reoperation rates were low (1.5% and 1% respectively).

Results from this large database confirm that midurethral sling surgery is a safe procedure, with low and mostly non-severe complication rates, even in older patients.

Declarations

Conflicts of interest None.

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✉ Marianne Koch
marianne.koch@meduniwien.ac.at

¹ Department of Obstetrics and Gynecology, Medical University of Vienna, Spitalgasse 23, 1090 Vienna, Austria