

Translabial Ultrasound for Assessment of Synthetic Midurethral Sling Complications

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Abstract

Translabial ultrasound (TLUS) is an inexpensive, non-invasive imaging modality traditionally used for assessment of pelvic organ prolapse. The utility of TLUS has recently been expanded to the evaluation of synthetic midurethral slings (MUS) surgically implanted for management of stress urinary incontinence (SUI). The TLUS technique described in this manuscript is optimized for imaging and assessment of MUS, including identification of MUS configuration and recognition of common complications. This manuscript also provides images of transobturator and retropubic slings and their associated complications, as visualized on TL US. Accurate imaging and assessment of MUS is helpful in the evaluation of the patient presenting with symptoms suspicious for sling-related complications and in the planning of surgical revision.

Keywords

translabial, ultrasound, technique, suburethral sling, midurethral sling, stress urinary incontinence