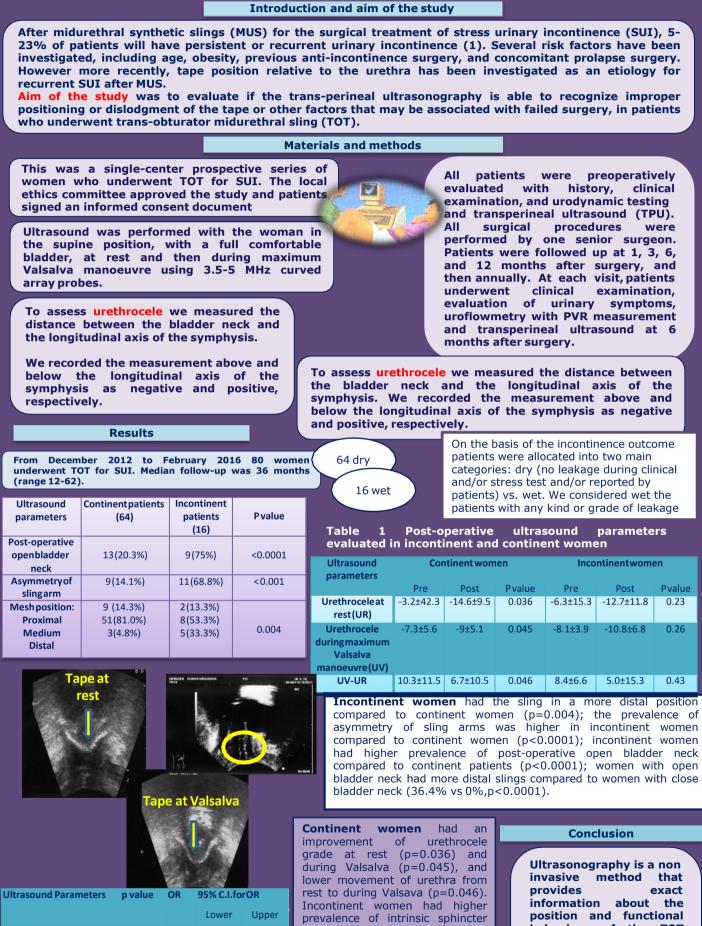


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Could the transperineal ultrasound predict the trans-obturator midurethral sling failure?

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			Lower	Upper
Post-operative open bladder neck	0.003	11.2	2.21	56.6
Asymmetry ofsling arm	0.003	11.6	2.36	57
Mesh distal position	0.042	3.7	1.04	13.1

Table 2 Odds ratiosfor Incontinenceversus Continence after TOT obtained inthreeseparatemultivariatelogisticregression models

grade at rest (p=0.036) and during Valsalva (p=0.045), and lower movement of urethra from rest to during Valsava (p=0.046). Incontinent women had higher prevalence of intrinsic sphincter deficiency (ISD) in preoperative urodynamic testing compared to continent patients (31.3%vs 0, p<0.0001). In a multivariate logistic regression women with asymmetric sling arms and open bladder neck had 11 increased odds of incontinence after TOT, such as the distal position of tape (OR:3.7;CI:1.04-13.1)

Ultrasonography is a non invasive method that provides exact information about the position and functional behaviour of the TOT sling at rest and during straining.A correct TOT positioning along the urethra seems to play a role in the incontinence outcome, so the correct surgical technique is mandatory to obtain the best results