

Posterior colporrhaphy has no impact on the urethral closure mechanism.

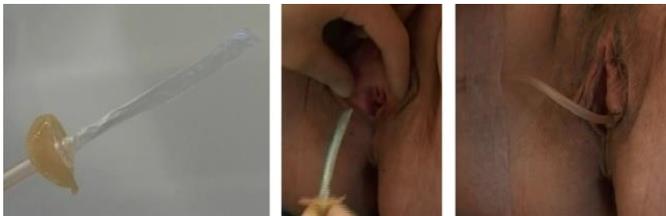
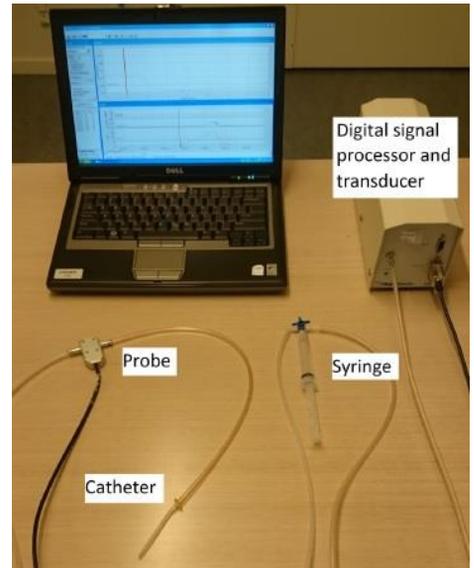
Abstract # 430

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Can urethral pressure reflectometry reveal how posterior colporrhaphy affects the urethral closure mechanism?

Methods

- Prospective, observational study
- Two visits; one before and one after posterior colporrhaphy.
- Each visit consisted of POP-Q staging and measurements with urethral pressure reflectometry at rest, during straining and squeezing.



The patient has given her written consent to the use of these photos in presentations.

Results

17 women

Parameter	Preoperative	Postoperative	Difference	p-value
Opening pressure, resting (cmH ₂ O)	54.5	53.4	-1.1	0.4
Opening pressure, squeezing (cmH ₂ O)	71.8	68.9	-2.9	0.2
Opening pressure, straining (cmH ₂ O, abdominal pressure 50 cmH ₂ O)	78.2	76.0	-2.3	0.2
APIR (~ PTR)	0.75	0.69	-0.07	0.3

Conclusions

- Urethral closure mechanism is not deteriorated after surgery.
- The posterior vaginal wall prolapse does not mask stress urinary incontinence.