

Patient perception and tolerability during urodynamics: highlights from the literature

PATIENT EXPERIENCE

- ACCEPTANCE/TOLERABILITY
- COMMUNICATION
- ANYMORE?

Bianchi D, Rosato E, Fanara F, Finazzi Agrò E.
Tor Vergata University, Rome, Italy

Literature Search in PubMed / Web of Science / Google Scholar:

[Urodynamics]
AND
[Reluctance, Barrier, Worries, Anxiety, Embarrassment, Tolerability, Pain]

46 articles on invasive urodynamics (UDS) in adults

Main findings

High UDS acceptance and tolerability by women undergoing the test to evaluate the need for pelvic organs prolapse surgery

According to some studies, **neurogenic and older patients** reported lower discomfort rates, while **young age and apprehension, anxiety, or depression** were correlated with less tolerance

Any strategies?

Key role: **friendly environment and good communication** during the test

Ancillary tools (music, aromatherapy, virtual reality) investigated with conflicting findings



Aim and Future Directions

Should we really be worried about patient tolerability? Any more barriers in UDS?

SELECTED REFERENCES

- 01 Solomon ER, Ridgeway B. Interventions to decrease pain and anxiety in patients undergoing urodynamic testing: A randomized controlled trial. *Neurourol Urodyn.* 2016 Nov;35(8):975-979. doi: 10.1002/nau.22840. Epub 2015 Jul 30. PMID: 26227401
- 02 Suskind AM, Clemens JQ, Kaufman SR, Stoffel JT, Oldendorf A, Malaeb BS, Jandron T, Cameron AP. Patient perceptions of physical and emotional discomfort related to urodynamic testing: a questionnaire-based study in men and women with and without neurologic conditions. *Urology.* 2015 Mar;85(3):547-51. doi:10.1016/j.urology.2014.11.001. PMID: 25733264; PMCID: PMC4349219.
- 03 Serati M, Braga A, Rosier PFWM, de Wachter S, Uren A, Finazzi-Agrò E. Acceptability and perceived value of urodynamics from the patient perspective: A narrative review. *Neurourol Urodyn.* 2022 Jun;41(5):1065-1073. doi: 10.1002/nau.24932. Epub 2022 Apr 14. PMID: 35419867; PMCID: PMC9322284