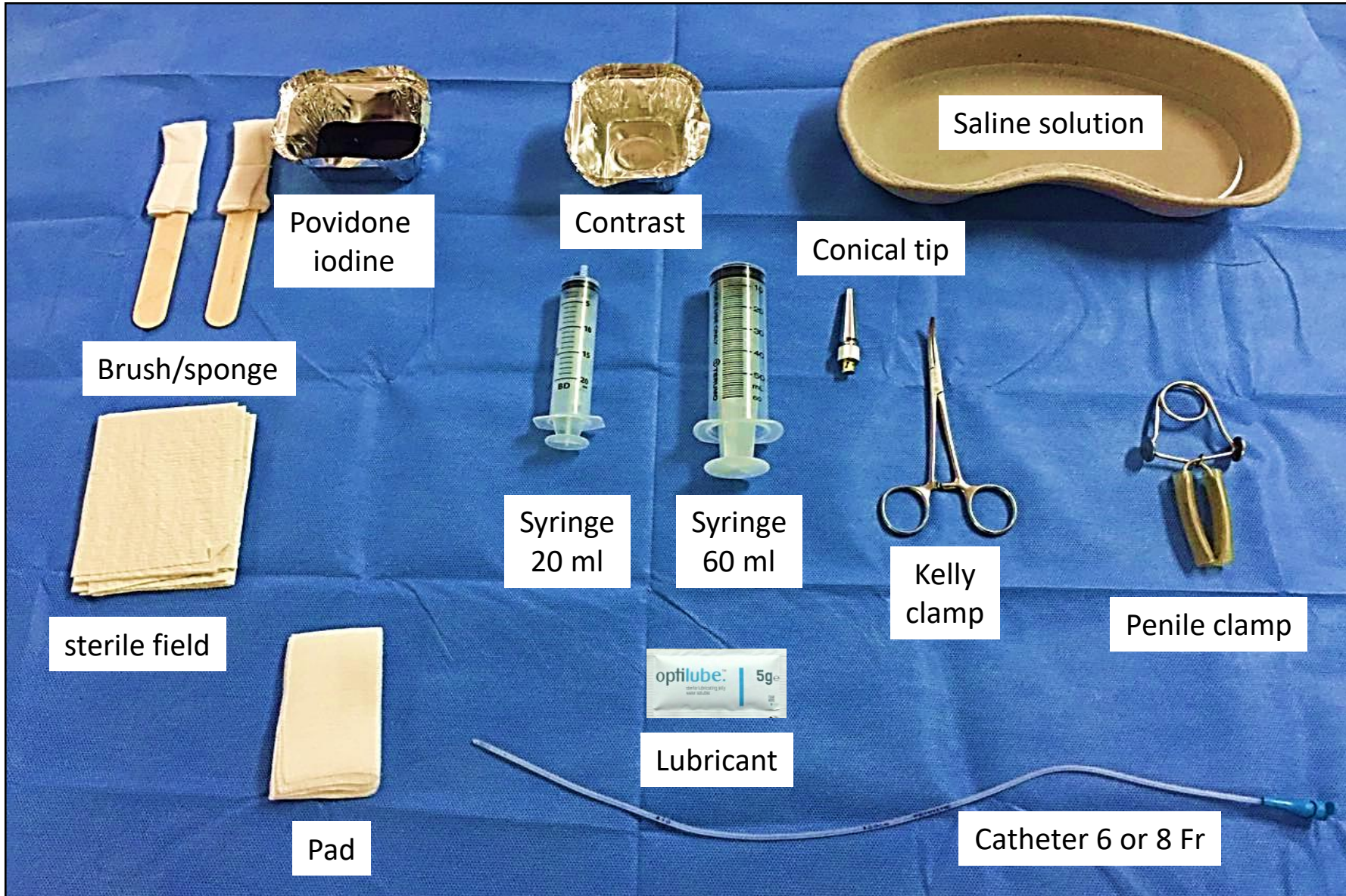


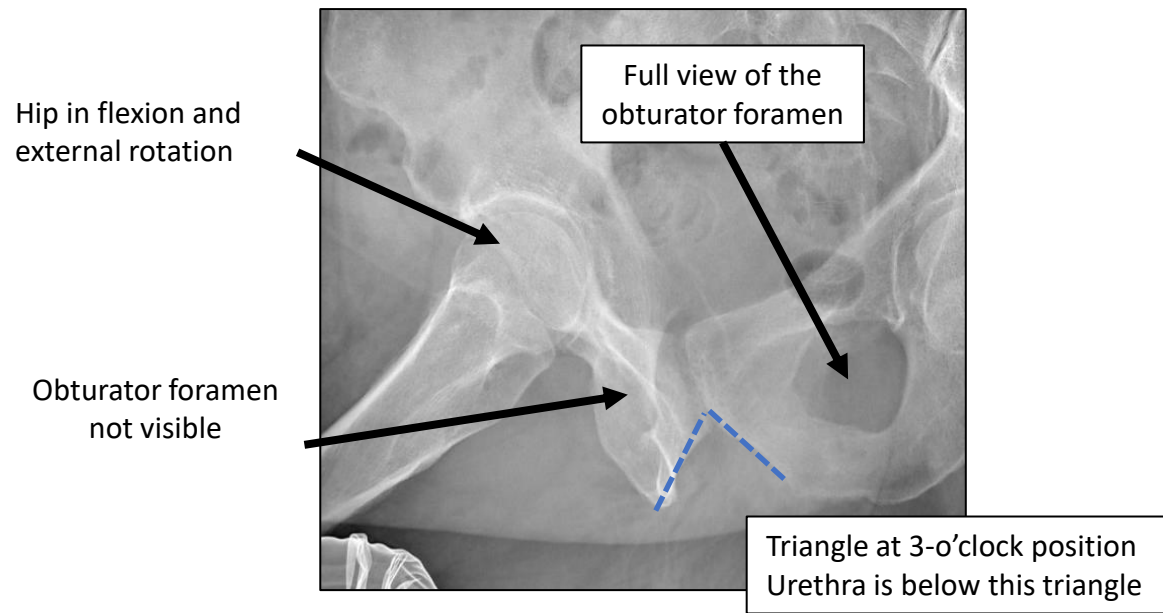
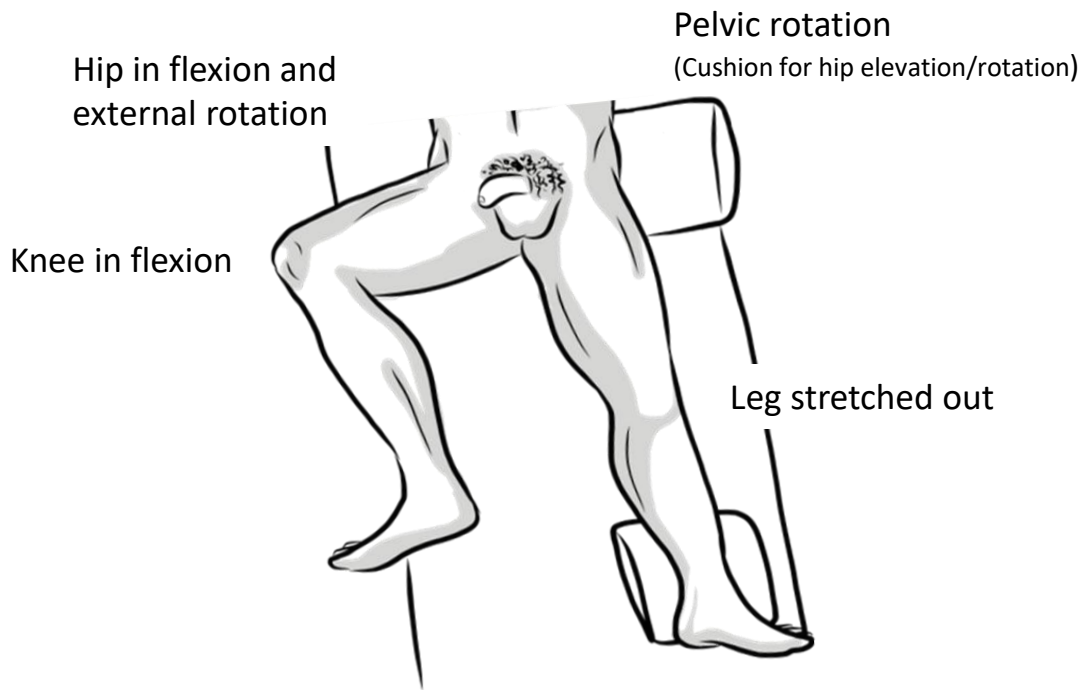
Club de la  
**URETRA**

**MALE URETHROCYSTOGRAPHY:  
TECHNIQUE**

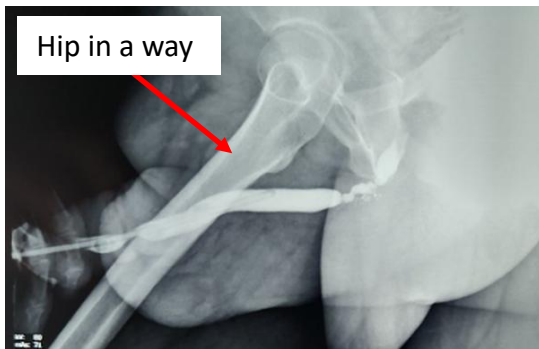
# EXAMPLE of MATERIALS



# POSITION



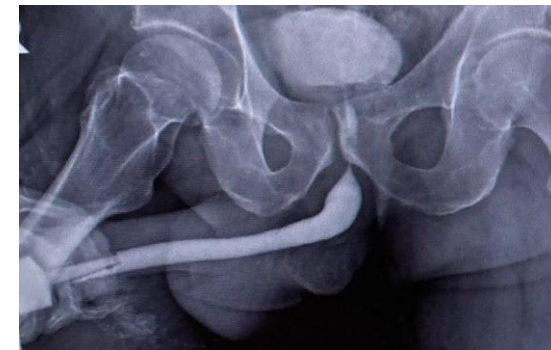
**OVER-ROTATION (too lateral)**  
No obturator foramen



**CORRECT ROTATION**  
One obturator visible



**UNDER-ROTATION (too AP)**  
Both obturator foramina visible



# EXAMPLE of RETROGRADE PHASE

Penile traction = stretched urethra

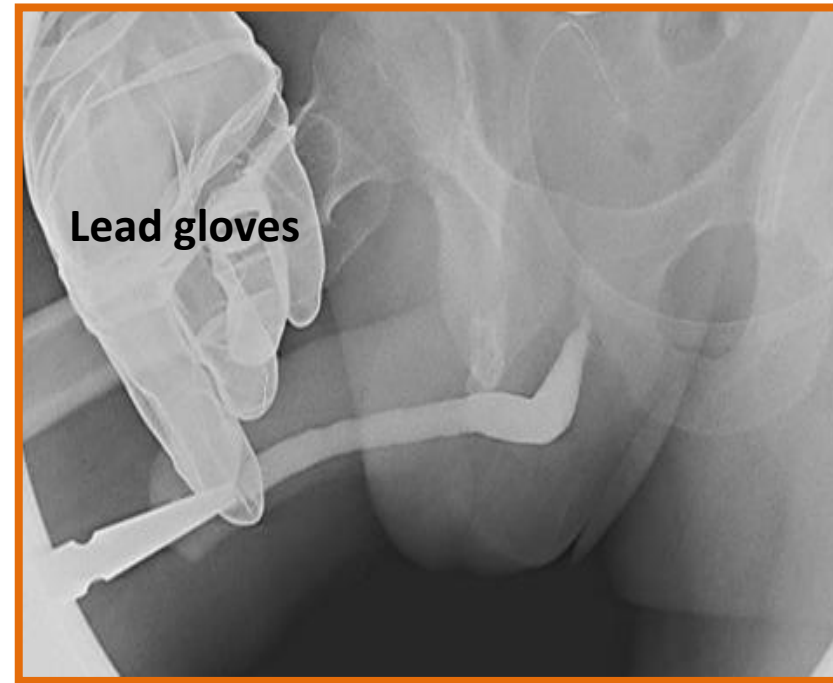


Flat table



Conical tip adapted to  
the urethral meatus

Contrast medium diluted  
to 50% with saline solution



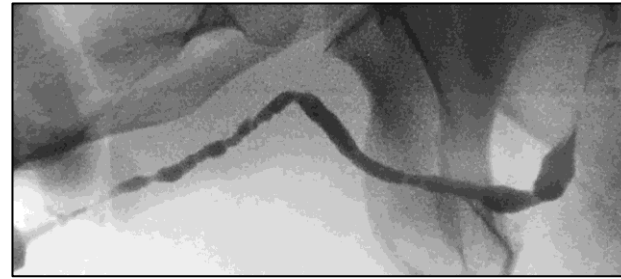
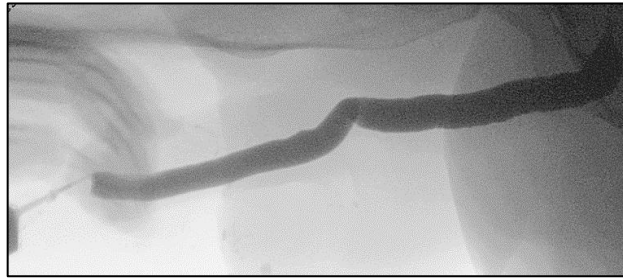
Avoid exposure of the hands to  
radiation

Lead gloves protect against radiation-induced injuries; however, they also increase radiation intensity due to the higher density of the glove. An alternative method to achieve adequate penile traction is the use of a long gauze

# RETROGRADE PHASE

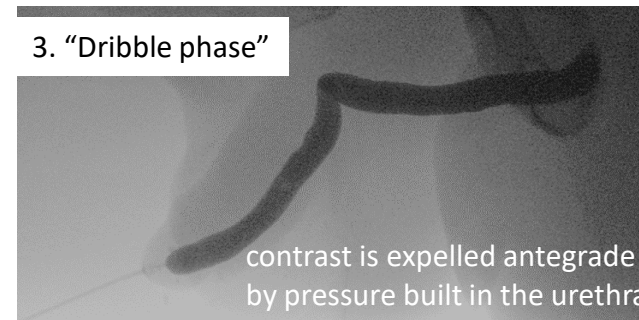
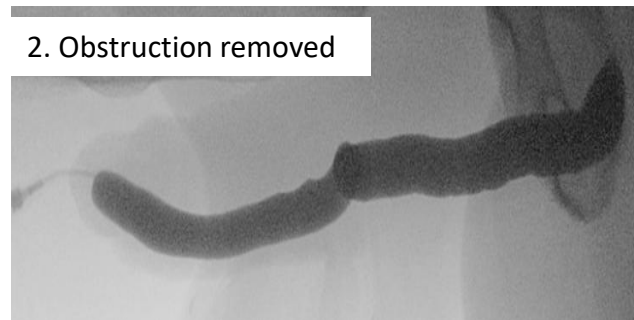
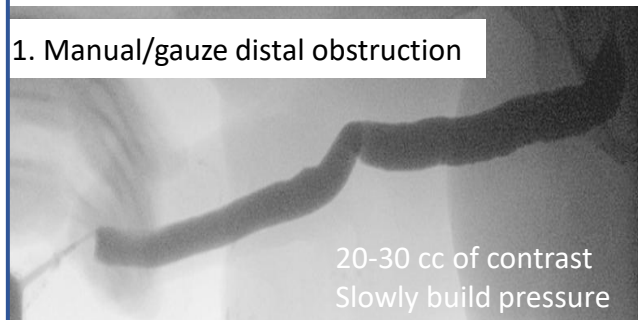
## MEATAL/FOSSA NAVICULARIS STENOSIS

- Difficult to assess
- 18-22 gauge lubricated angiocatheter
- **Why do we need it?** the length of the stenosis may be more extensive

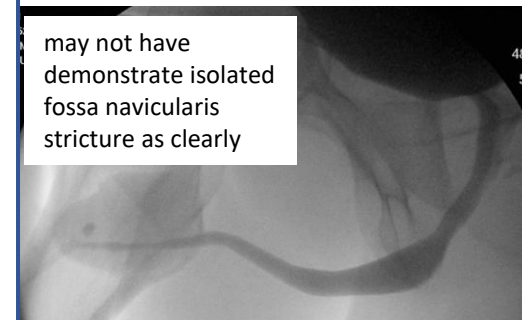


- **How to obtain the most information during the retrograde phase?**

### RETROGRADE PHASE

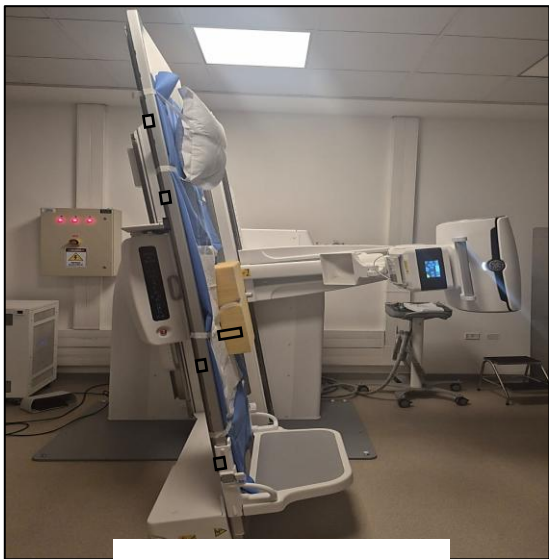


### VOIDING PHASE

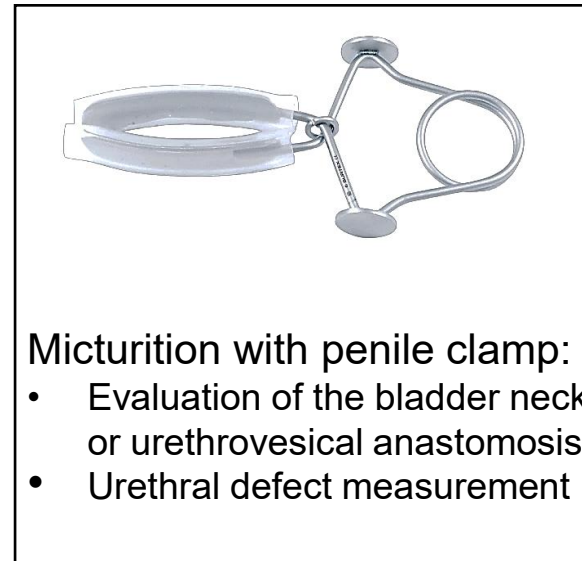
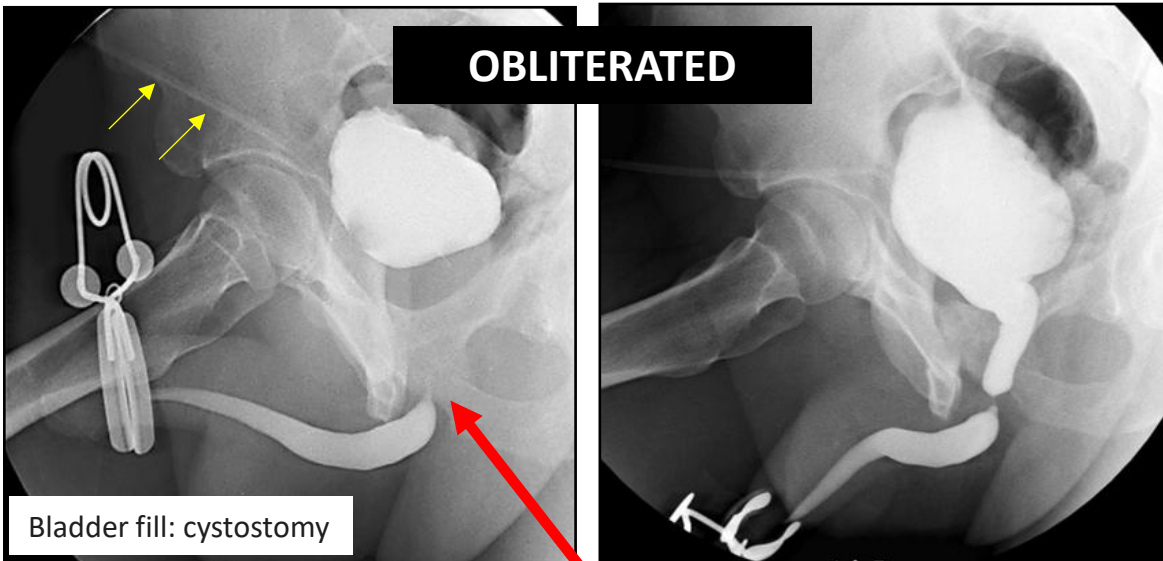
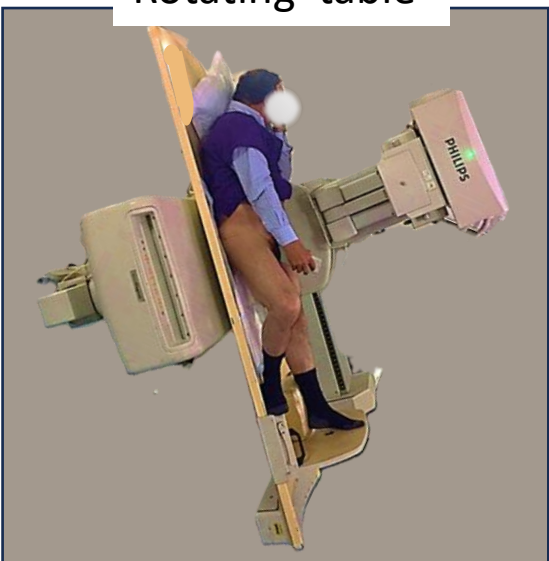
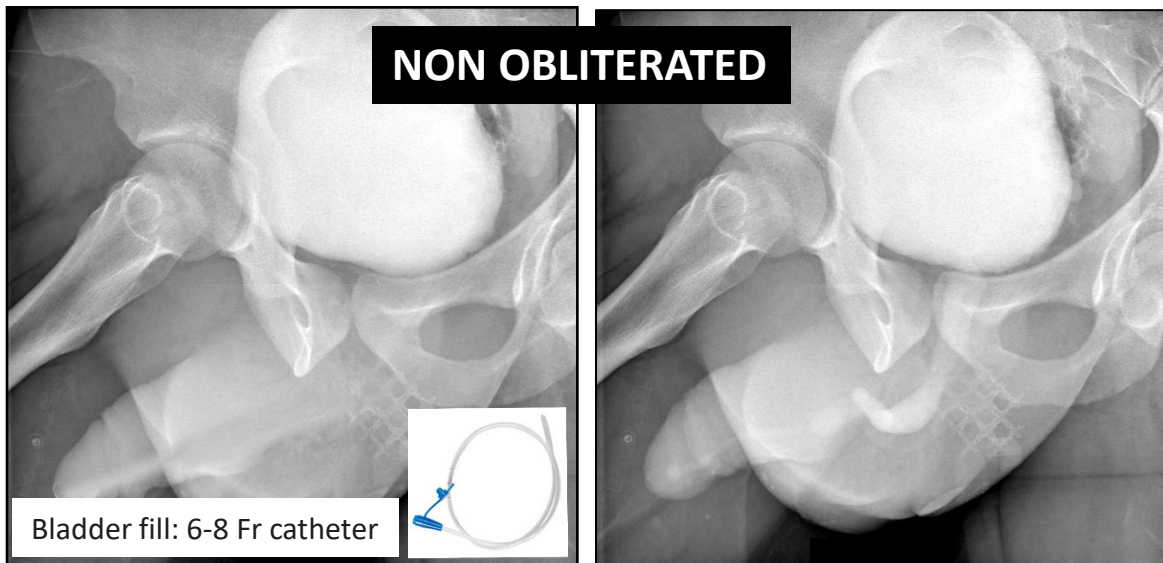


# VOIDING PHASE

- Important to evaluate prostatic, sphincteric urethra



Rotating table



Based on RUG alone it is unclear if patient has more proximal stenosis vs inability to relax sphincter

## REFERENCES

- **EAU Guidelines.** Edn. presented at the EAU Annual Congress Madrid 2025. ISBN 978-94-92671-29-5. <http://uroweb.org/guidelines/compilations-of-all-guidelines/>.
- Wessells H, Morey A, Vanni A, Rahimi L, Souter L. **Urethral stricture disease guideline amendment (2023).** J Urol. 2023;210(1):64-71.
- Freitas PS, Alves AS, Correia PS, Dias JL. **Urethrocytography: a guide for urological surgery?** Diagn Interv Radiol. 2023 Jan 31;29(1):9-17. doi: 10.5152/dir.2022.21640.
- Velarde, L., Gómez, R (2021). **Traumatic Urethral Injuries.** A Clinical Guide to Urologic Emergencies, First Edition. Edited by Hunter Wessells, Shigeo Horie, and Reynaldo Guillermo Gómez. 2021 John Wiley & Sons Ltd. <https://doi.org/10.1002/9781119021506.ch9>.