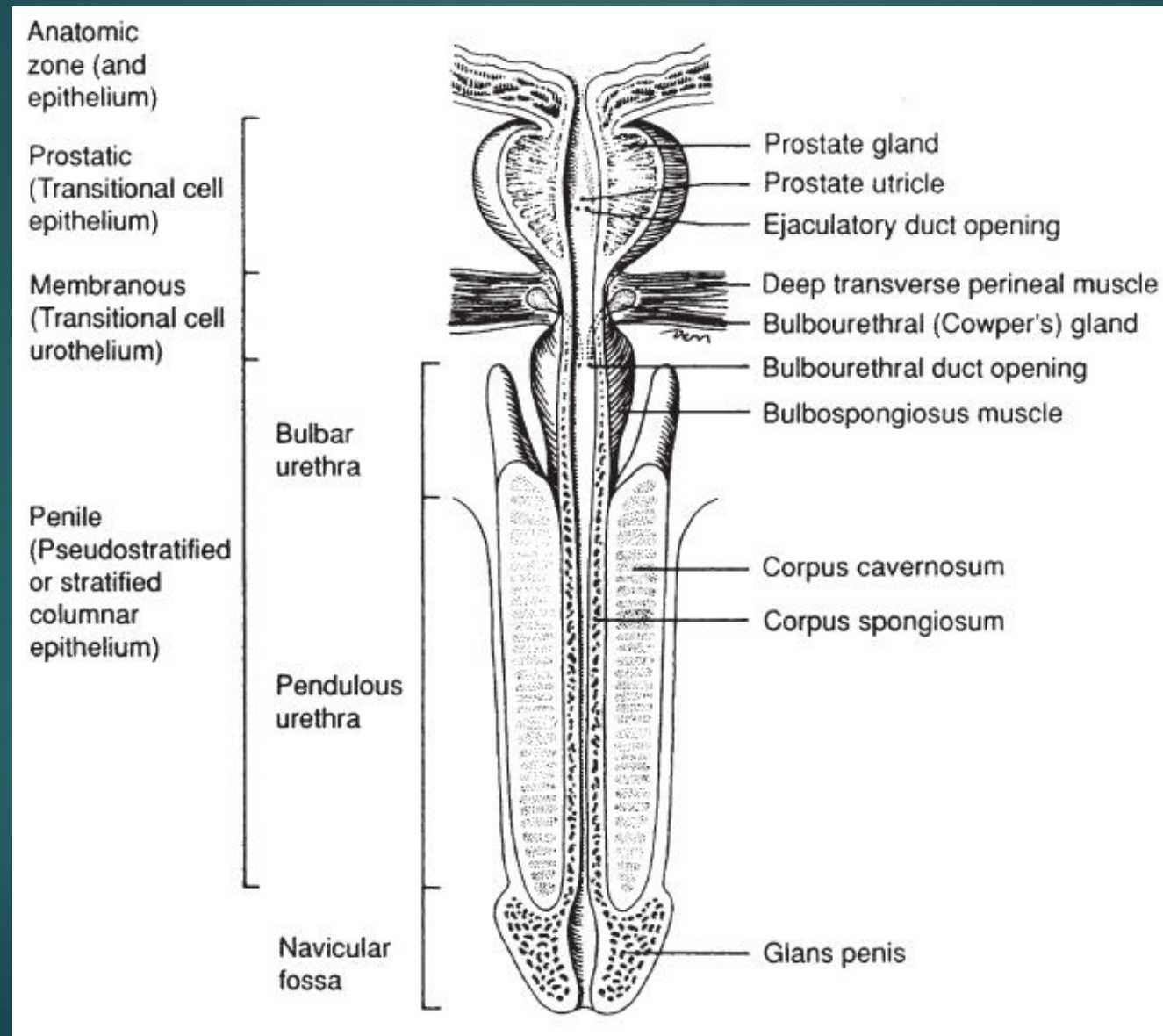


CASE 1

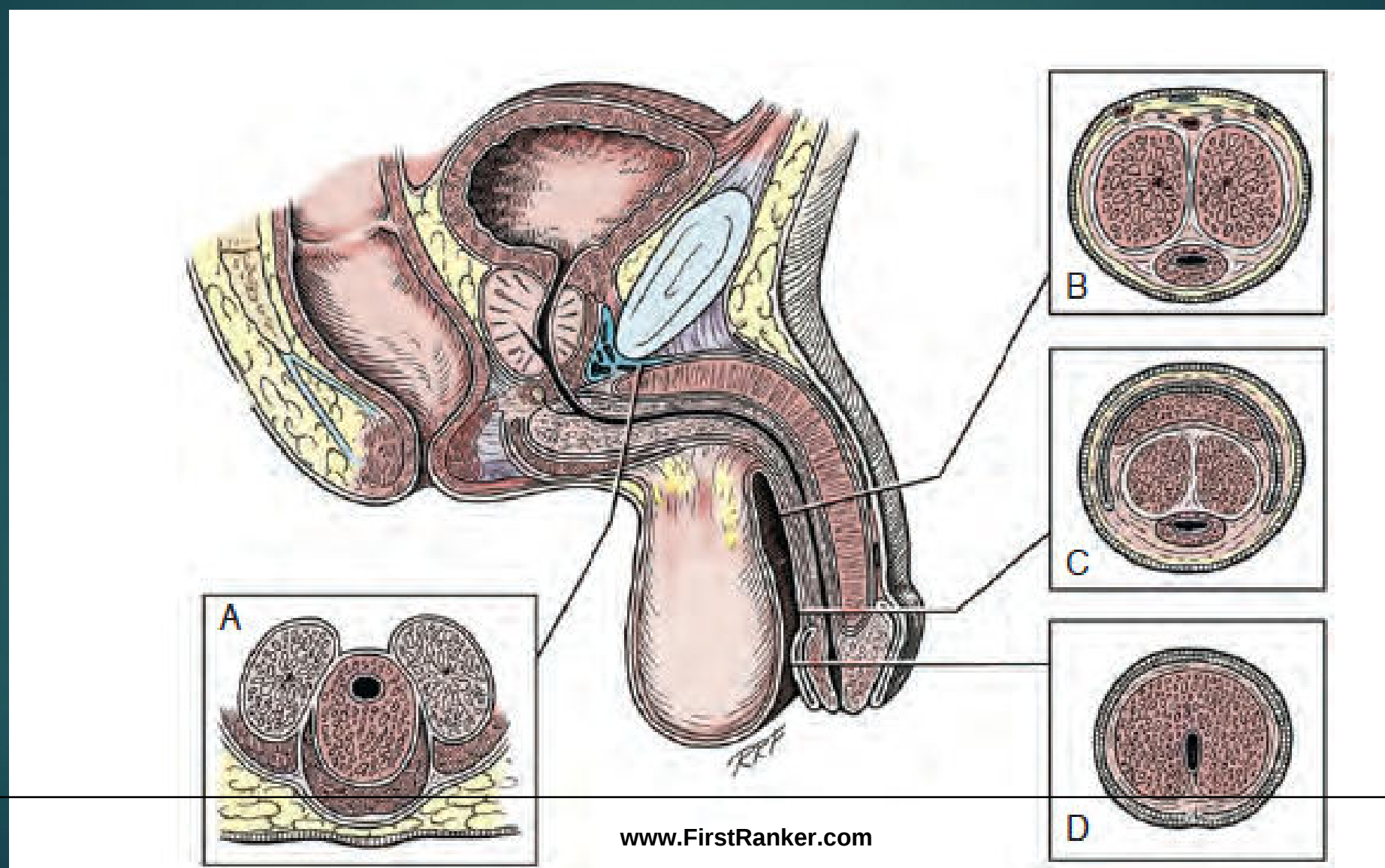
- ▶ 36, M , married for 3 years
 - ▶ Sexually active
 - ▶ c/o discharge per urethra since 3 month
 - ▶ c/o thinning of urinary stream since 1 month
-
- ▶ Diagnosis

Urethral Stricture Disease

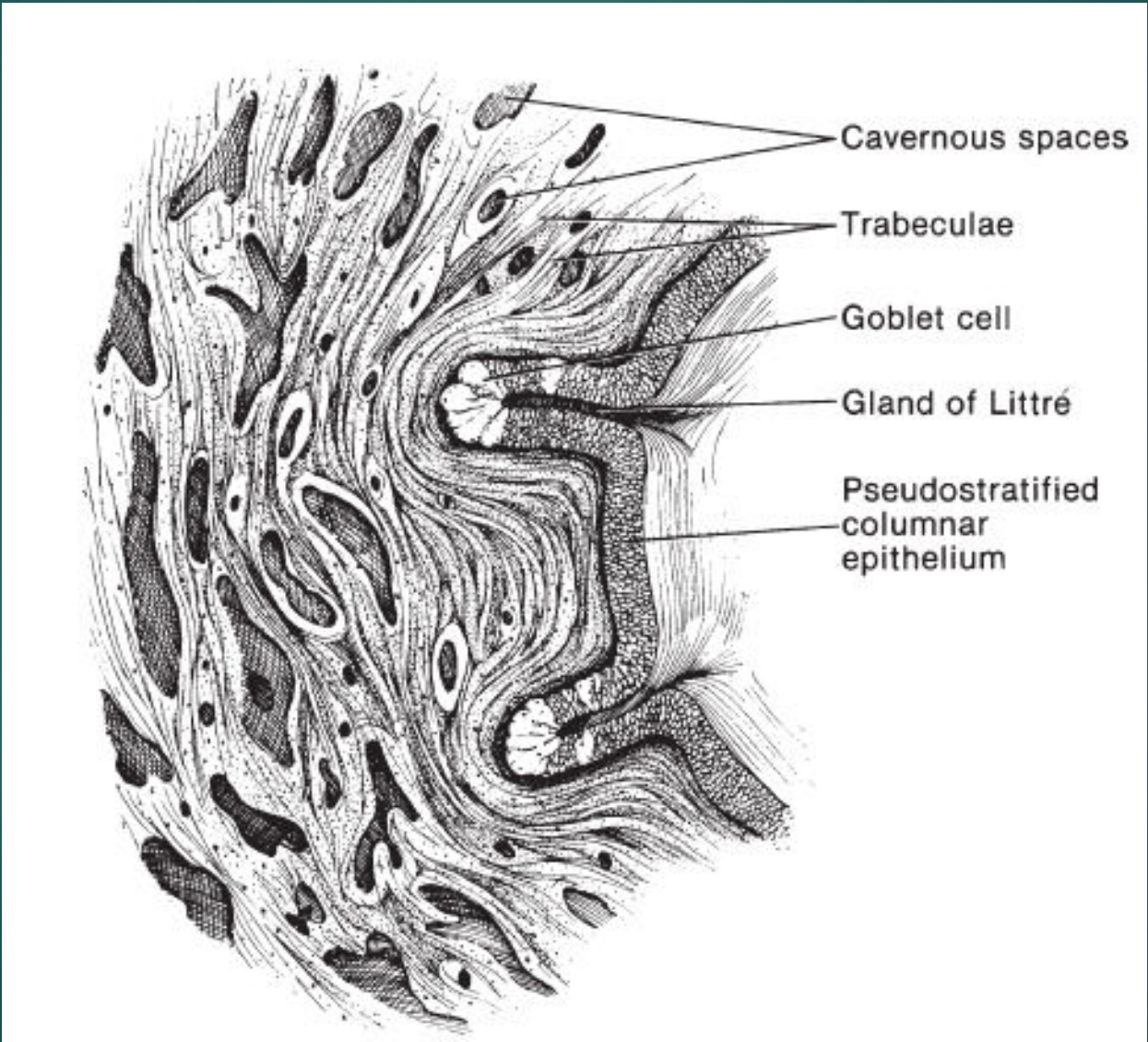
Anatomy of male urethra



Anatomy of male urethra



Anatomy of male urethra



Etiology of stricture disease

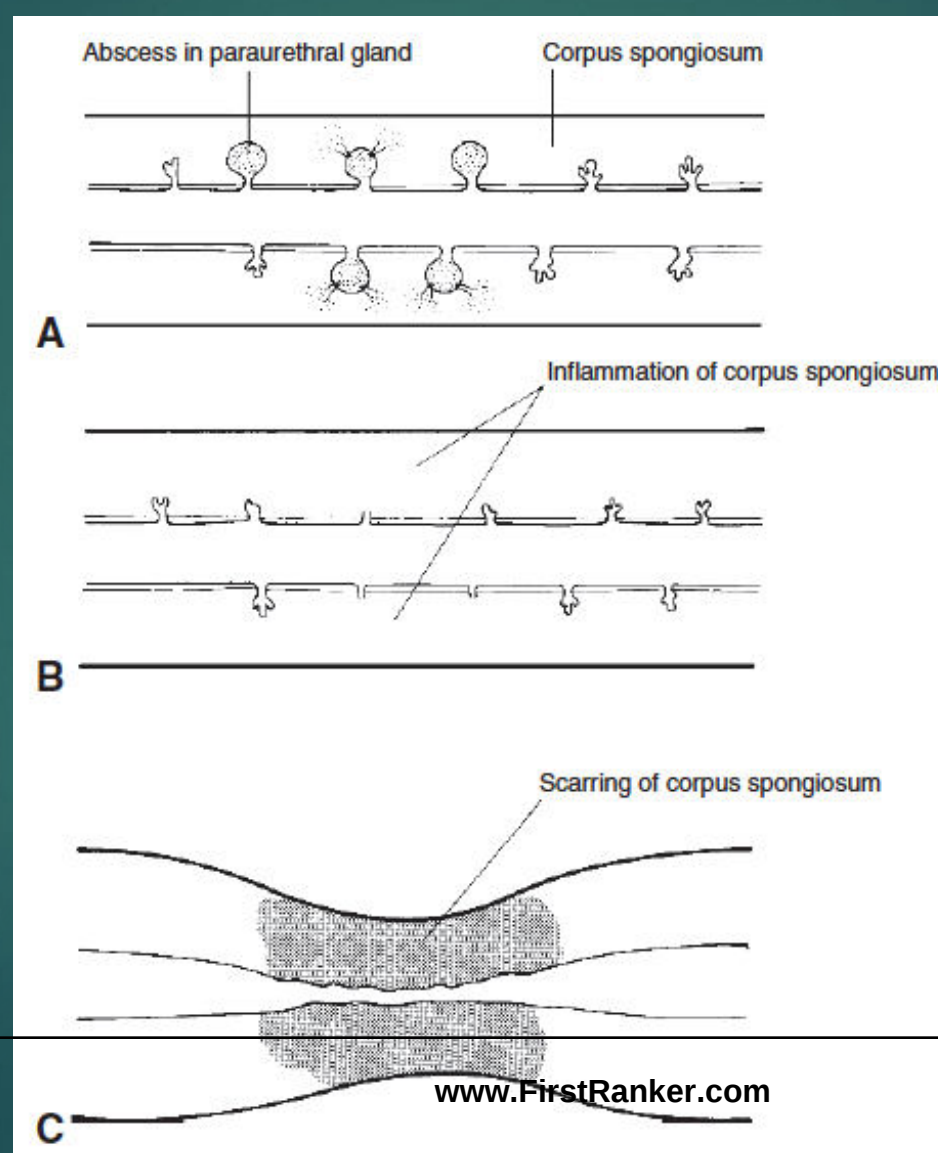
Investigator	Stricture (n)	Cause (n)			
		Idiopathic	Iatrogenic	Inflammatory	Traumatic
Wessells and McAninch	40	5	12	13	10
Wessells et al.	25	0	11	9	5
Andrich and Mundy	83	35	38	7	1
Santucci et al.	168	64	24	12	68
Elliot et al.	60	37	9	7	7
Andrich et al.	162	38	84	23	17
Fenton et al.	194	65	63	38	28
Total (%); included only bulbar strictures	732	244 (33)	241 (33)	109 (15)	136 (19)

Meta-analysis of anterior urethral stricture etiology

Iatrogenic urethral injury

- ▶ Traumatic/difficult catheterization
- ▶ Prolonged catheterization
- ▶ Endourological procedures

Inflammatory



Traumatic

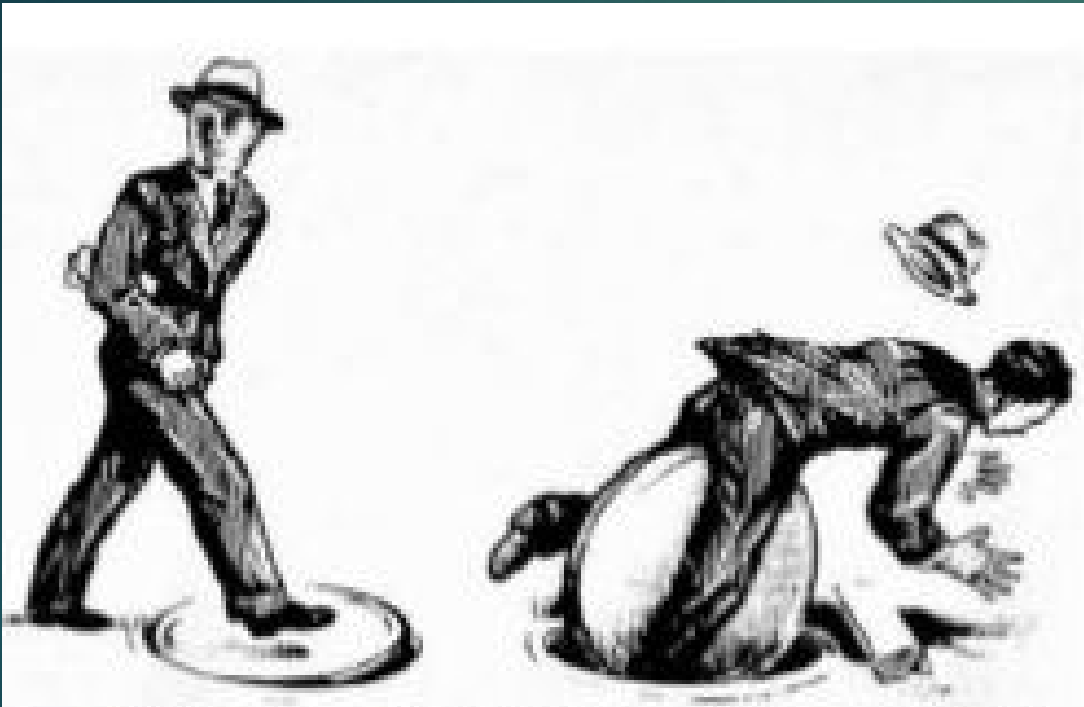
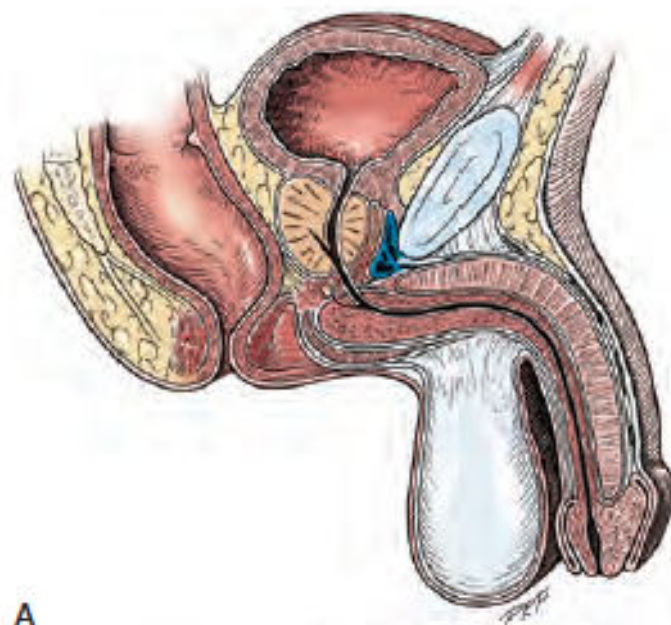
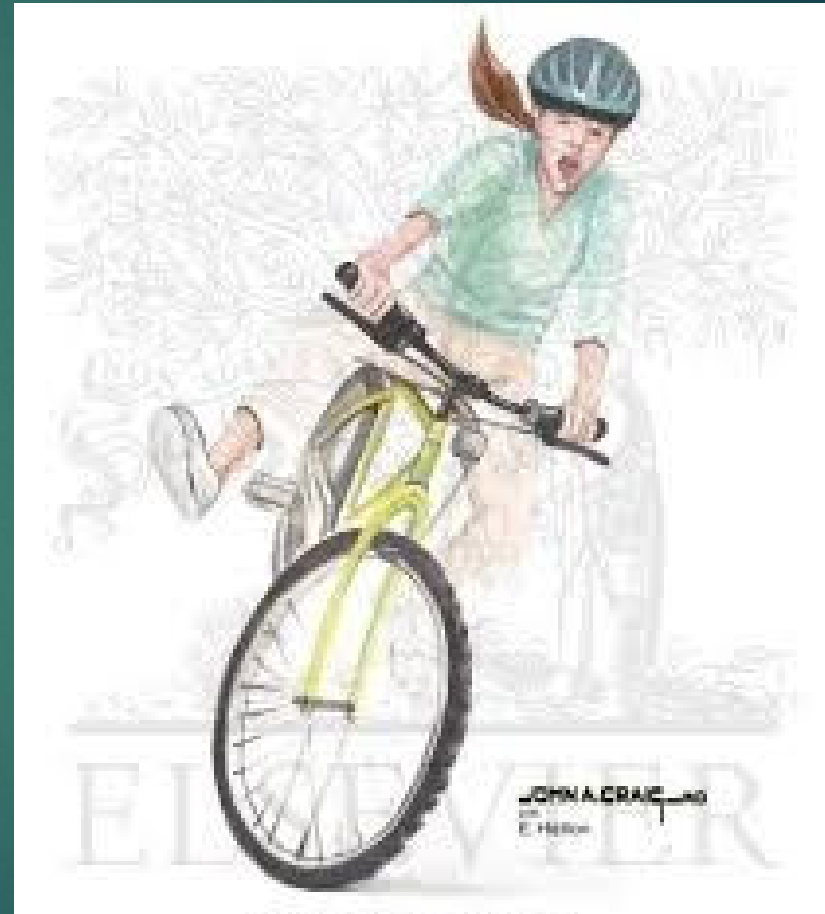
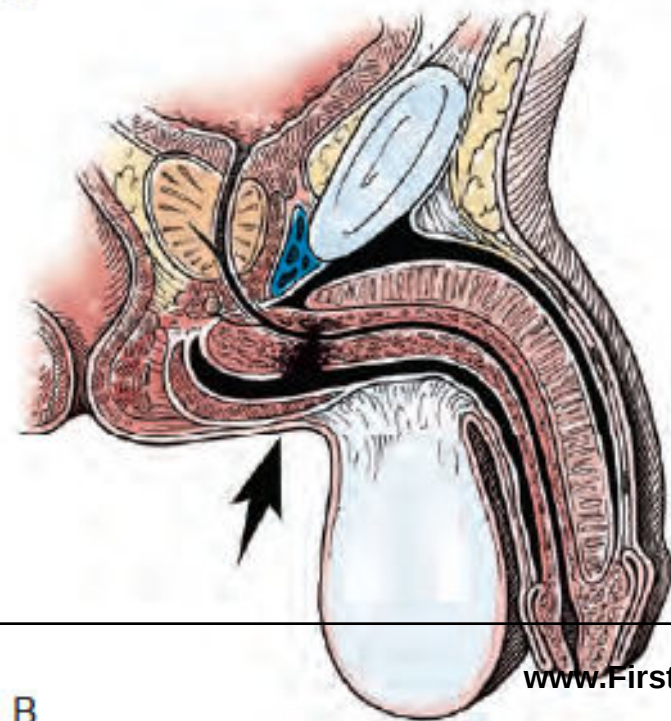


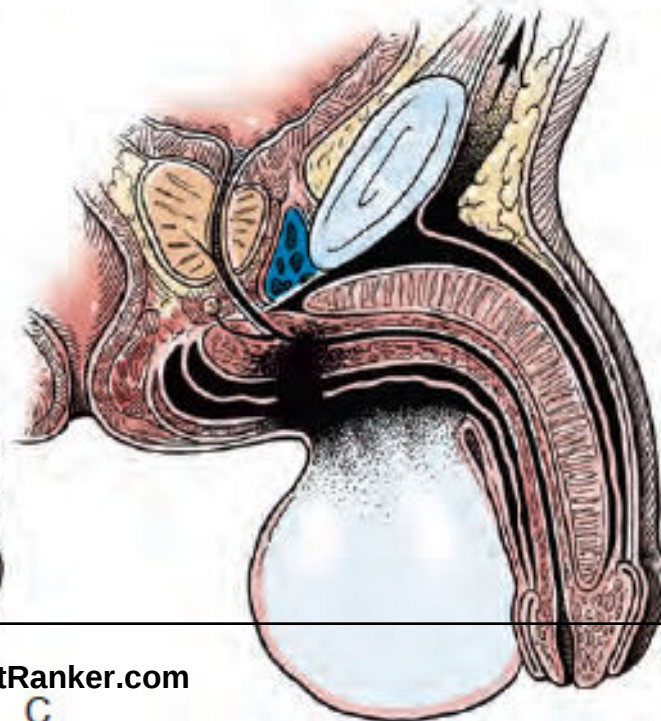
Figure 74.3 The type of accident that results in a ruptured bulbar urethra (after V.J. O'Connor).



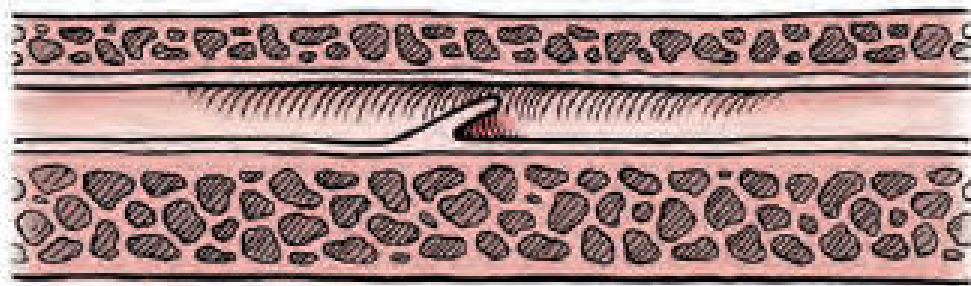
A



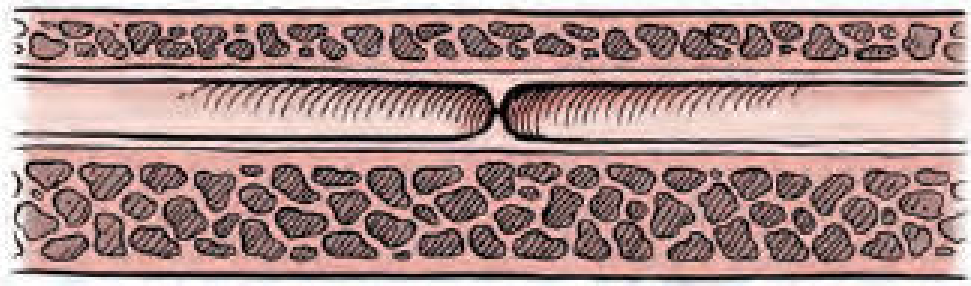
B



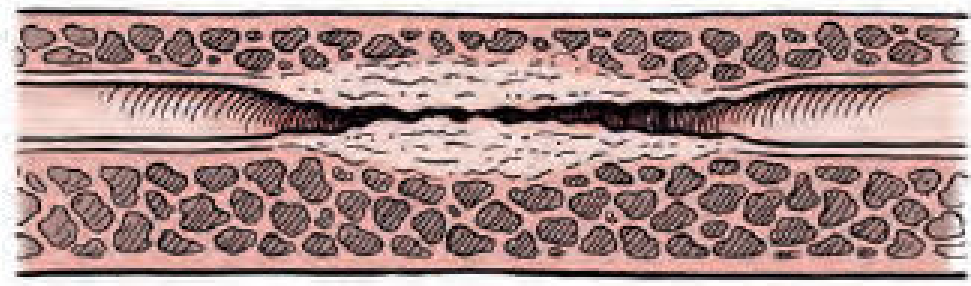
C



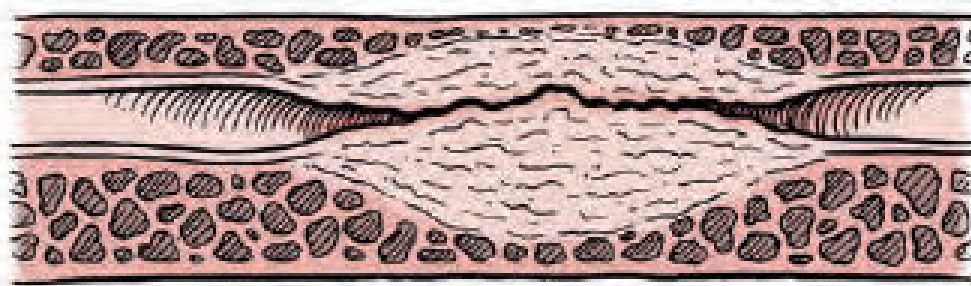
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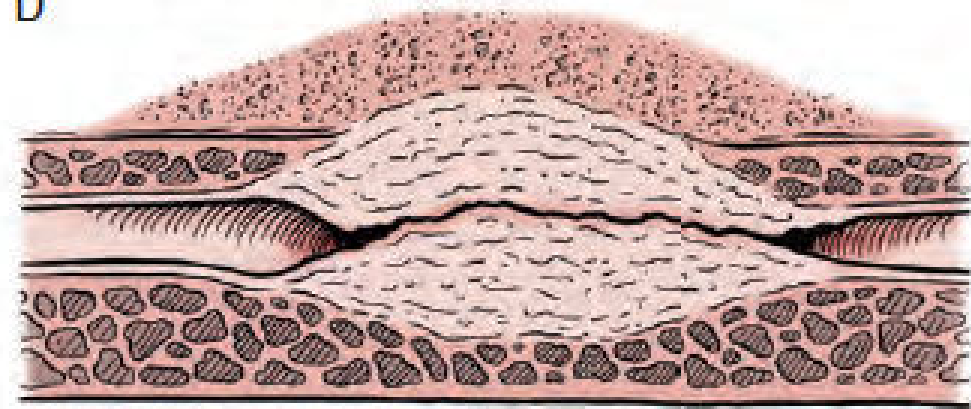
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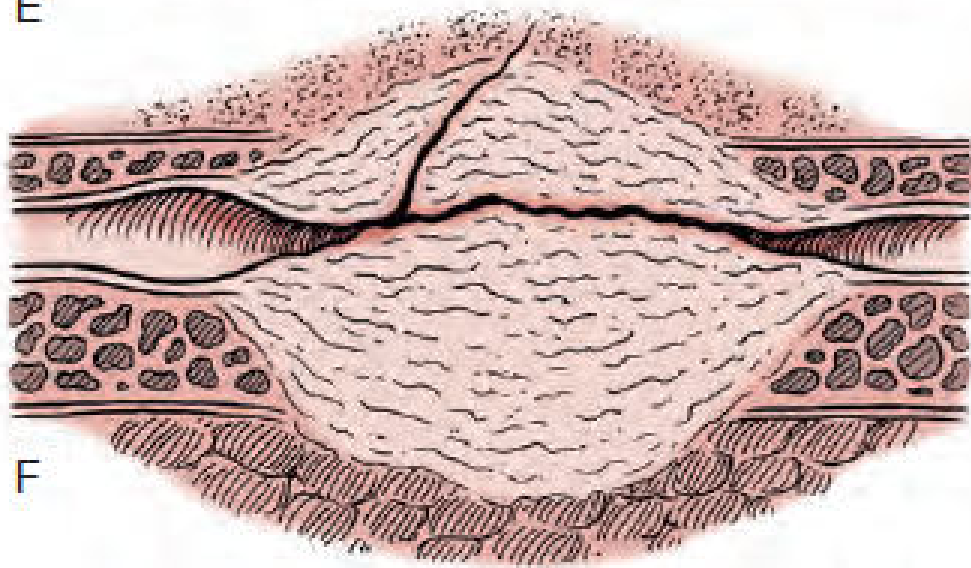
C



D



E

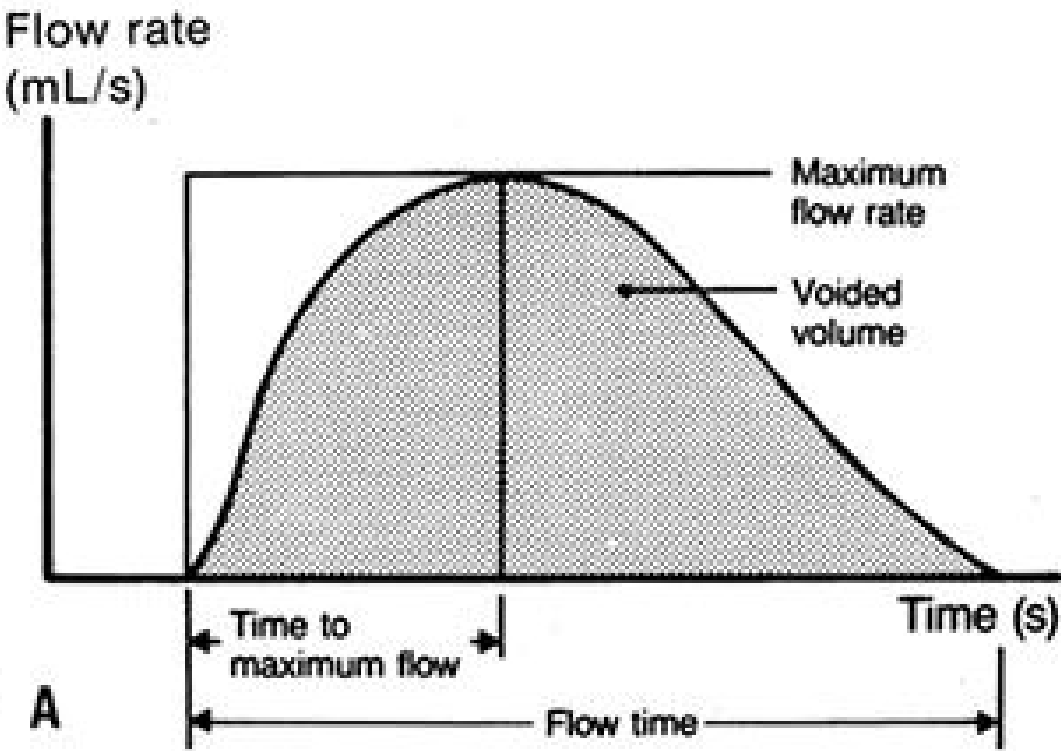


F

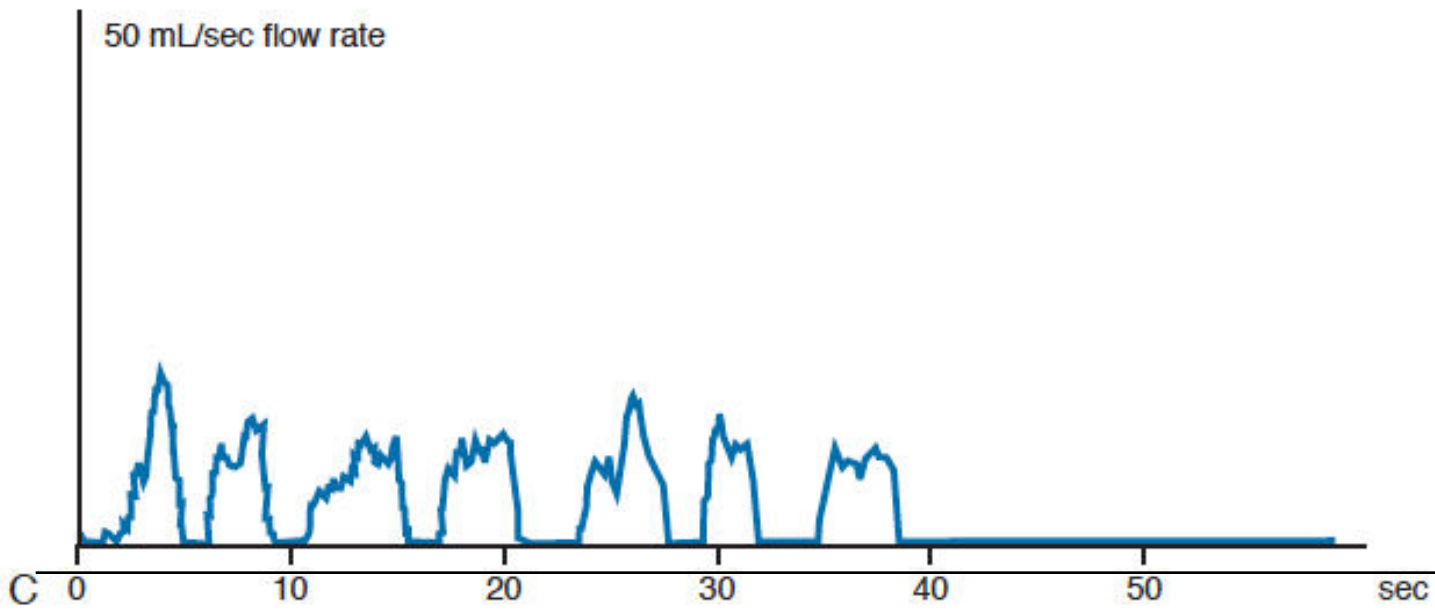
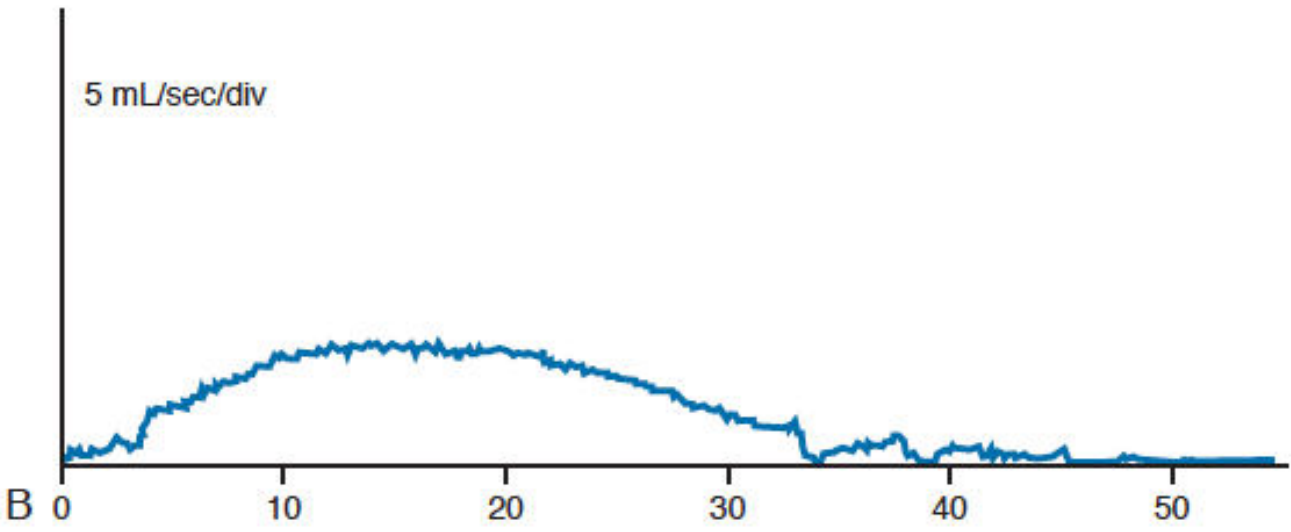
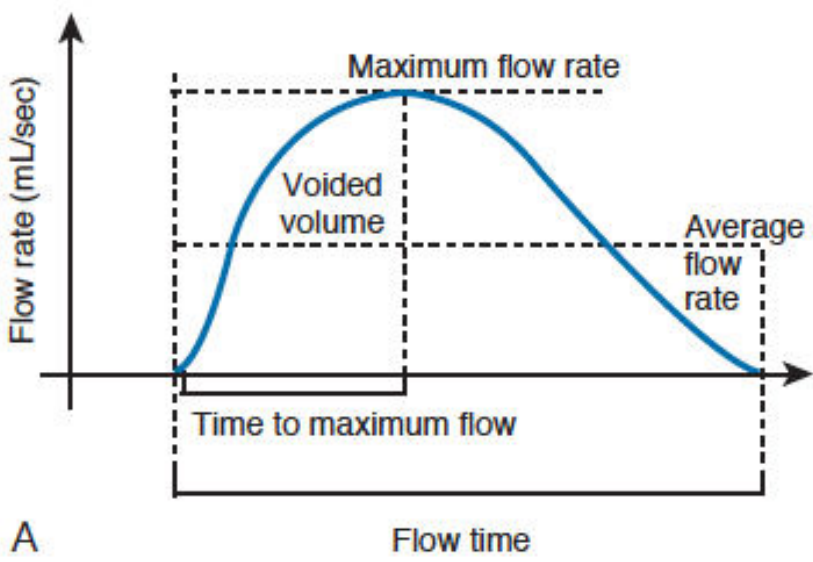
INVESTIGATIONS

- ▶ Uroflowmetry
- ▶ Retrograde Urethrogram
- ▶ Endoscopic evaluation

Uroflowmetry

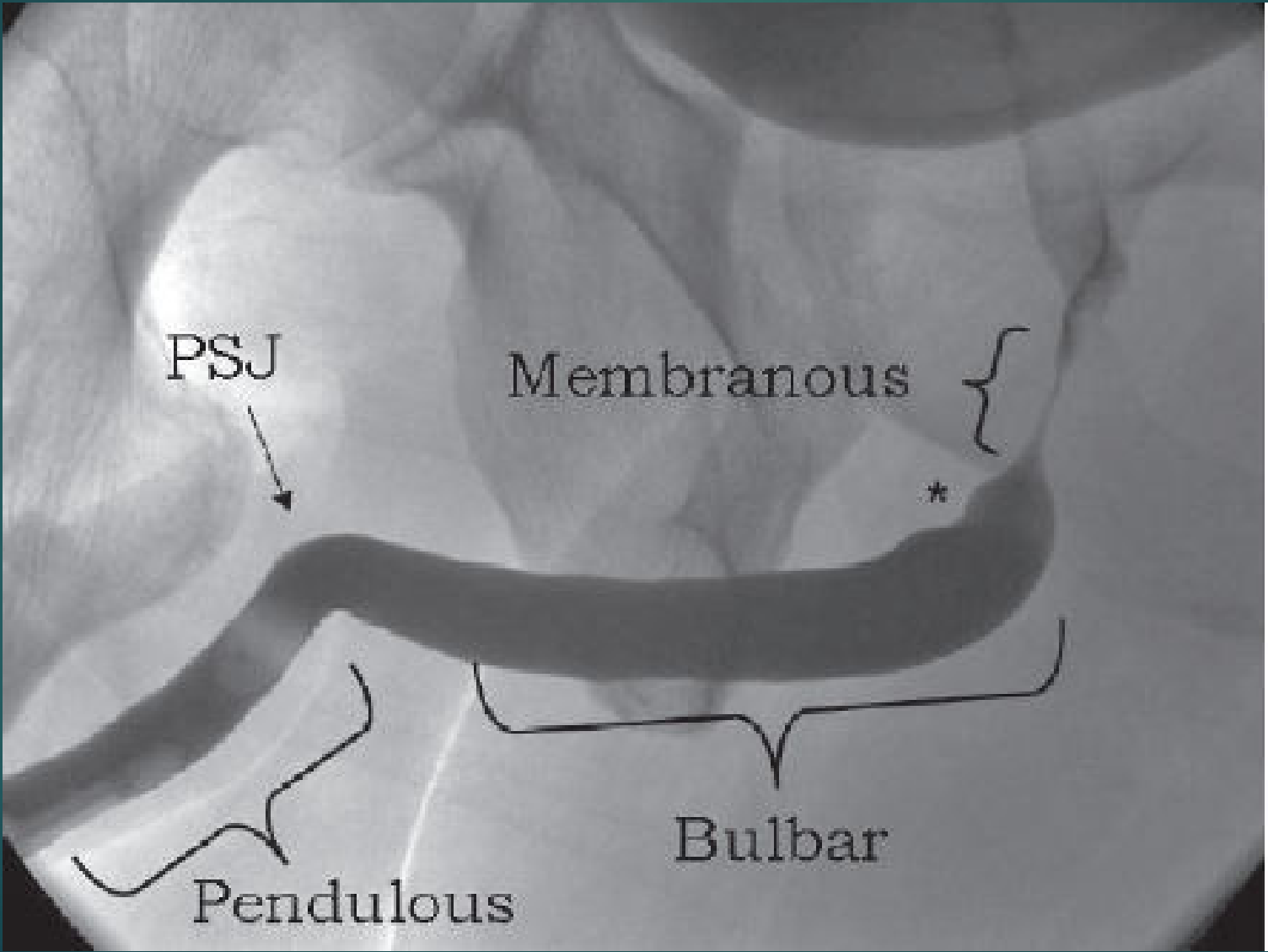


Uroflowmetry A

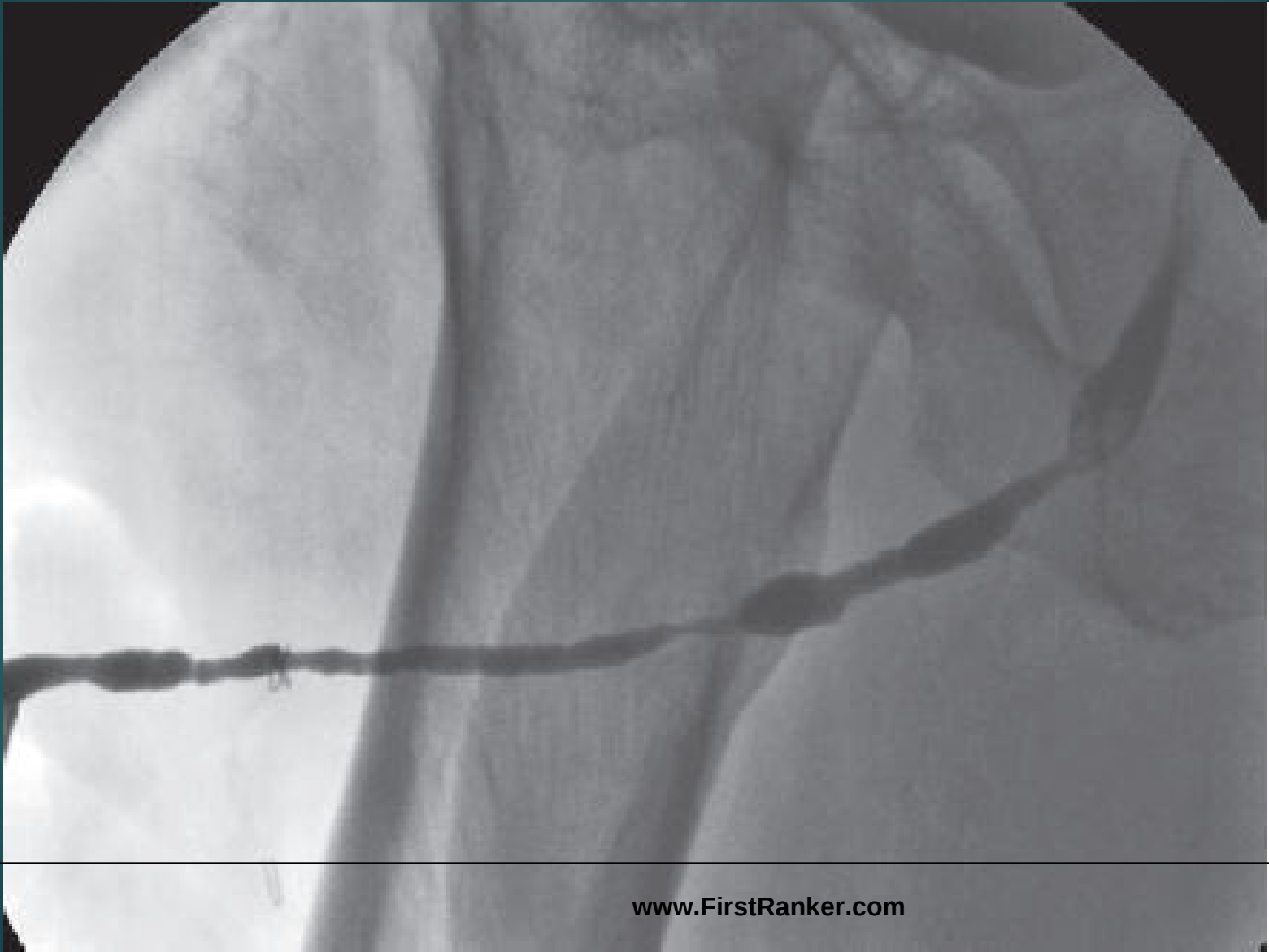


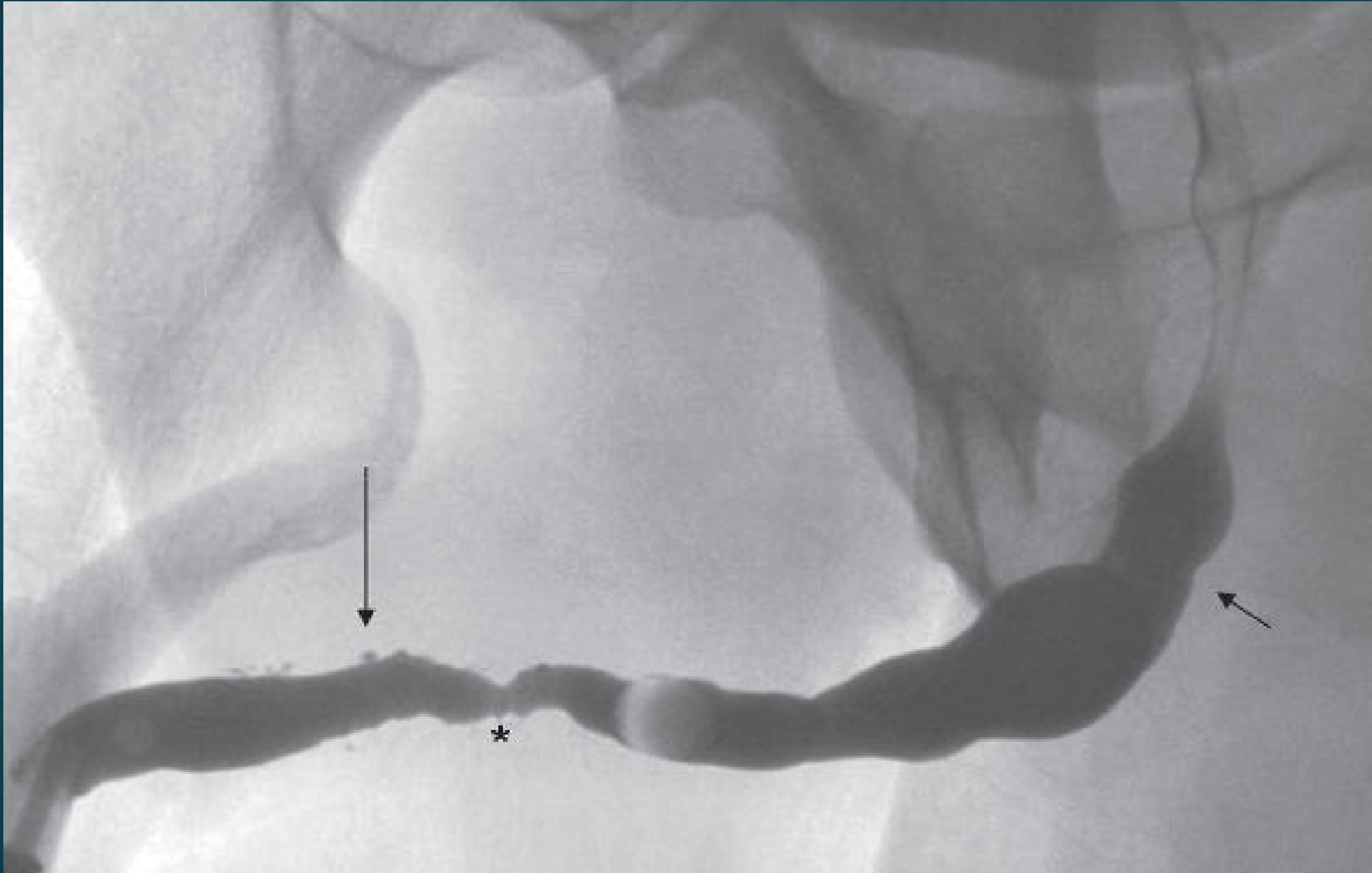
Investigations

RGU

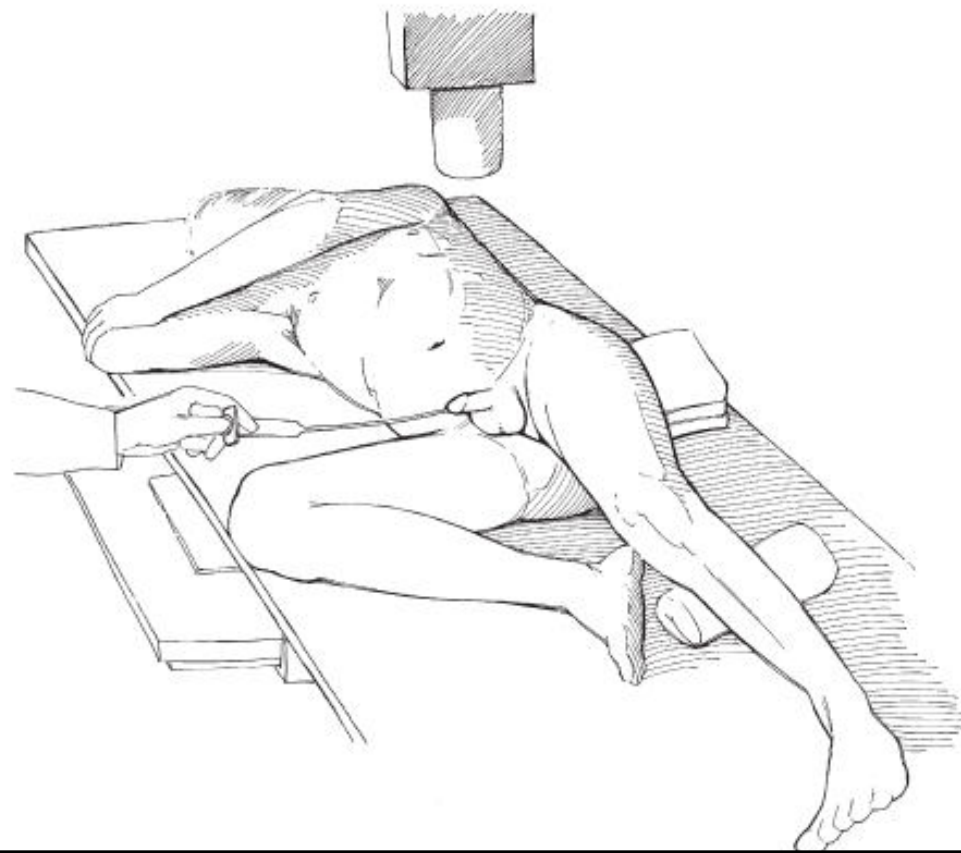
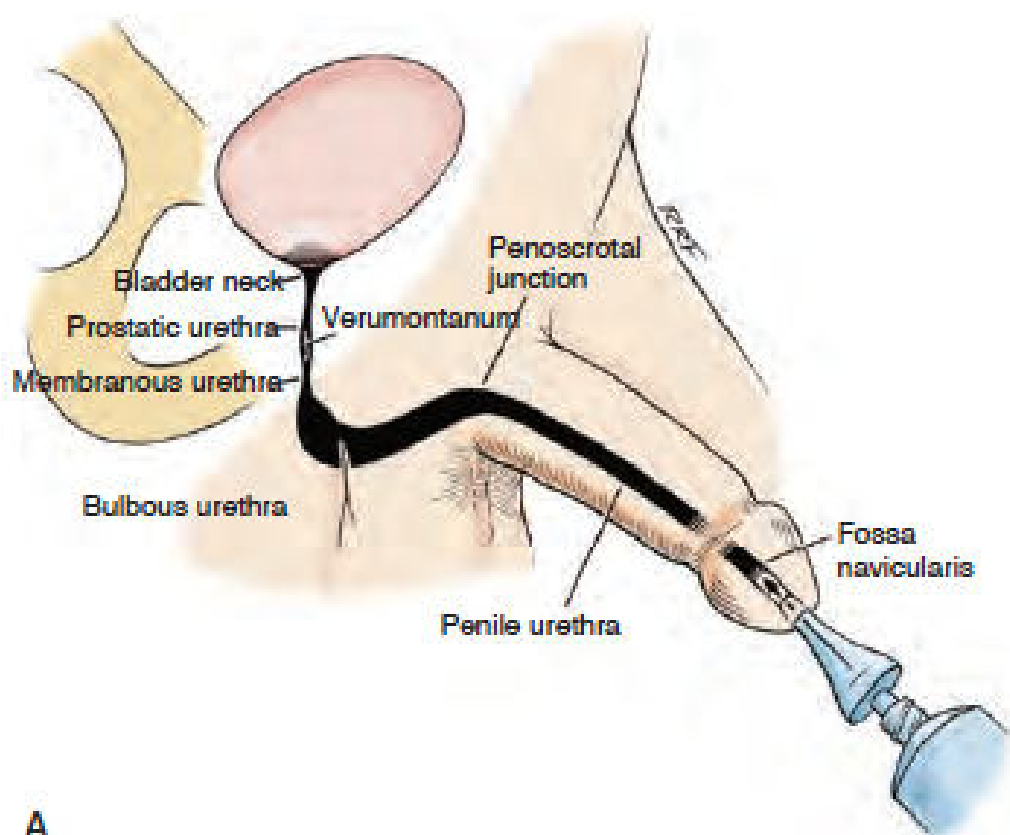


RGU



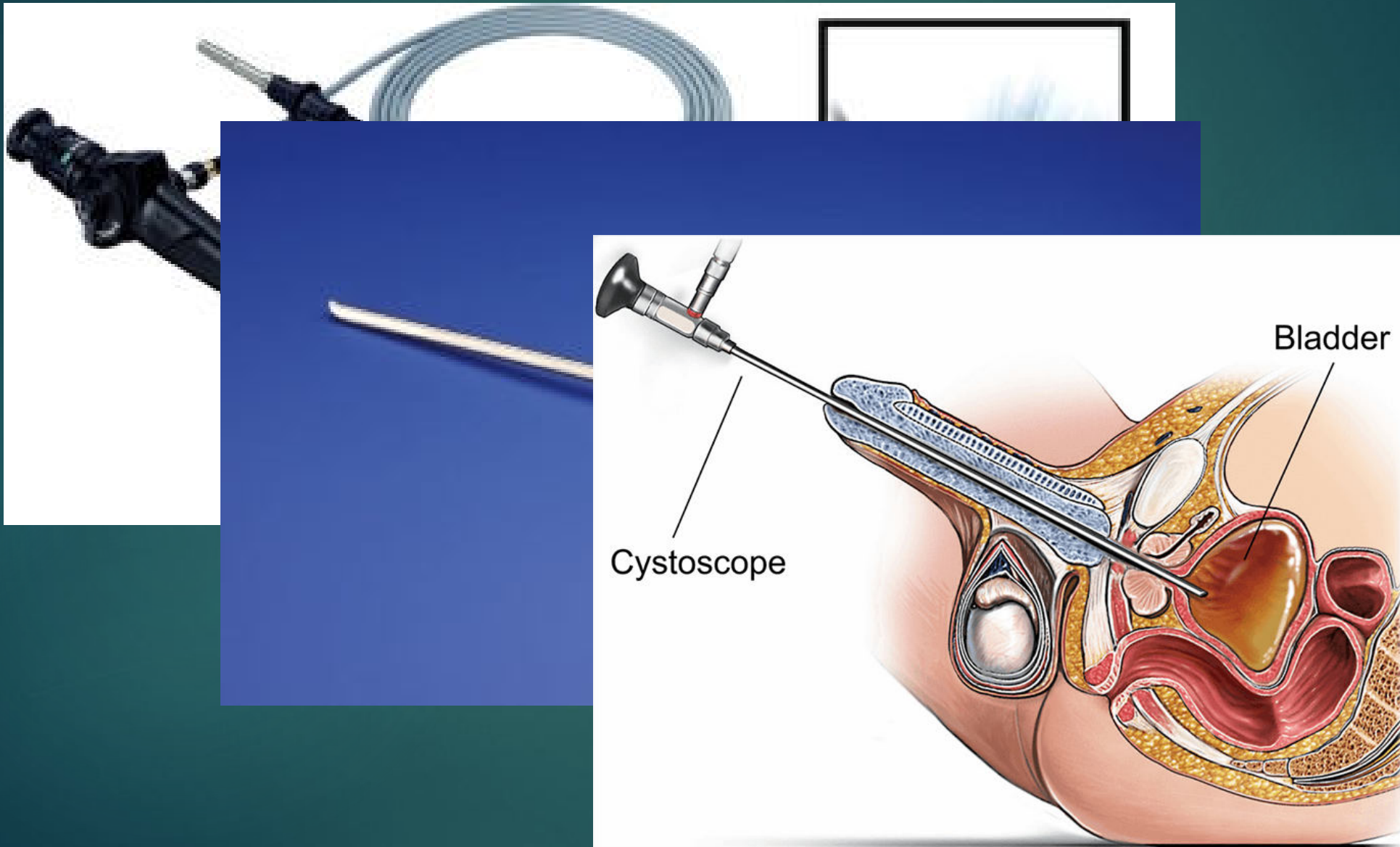


RGU



A

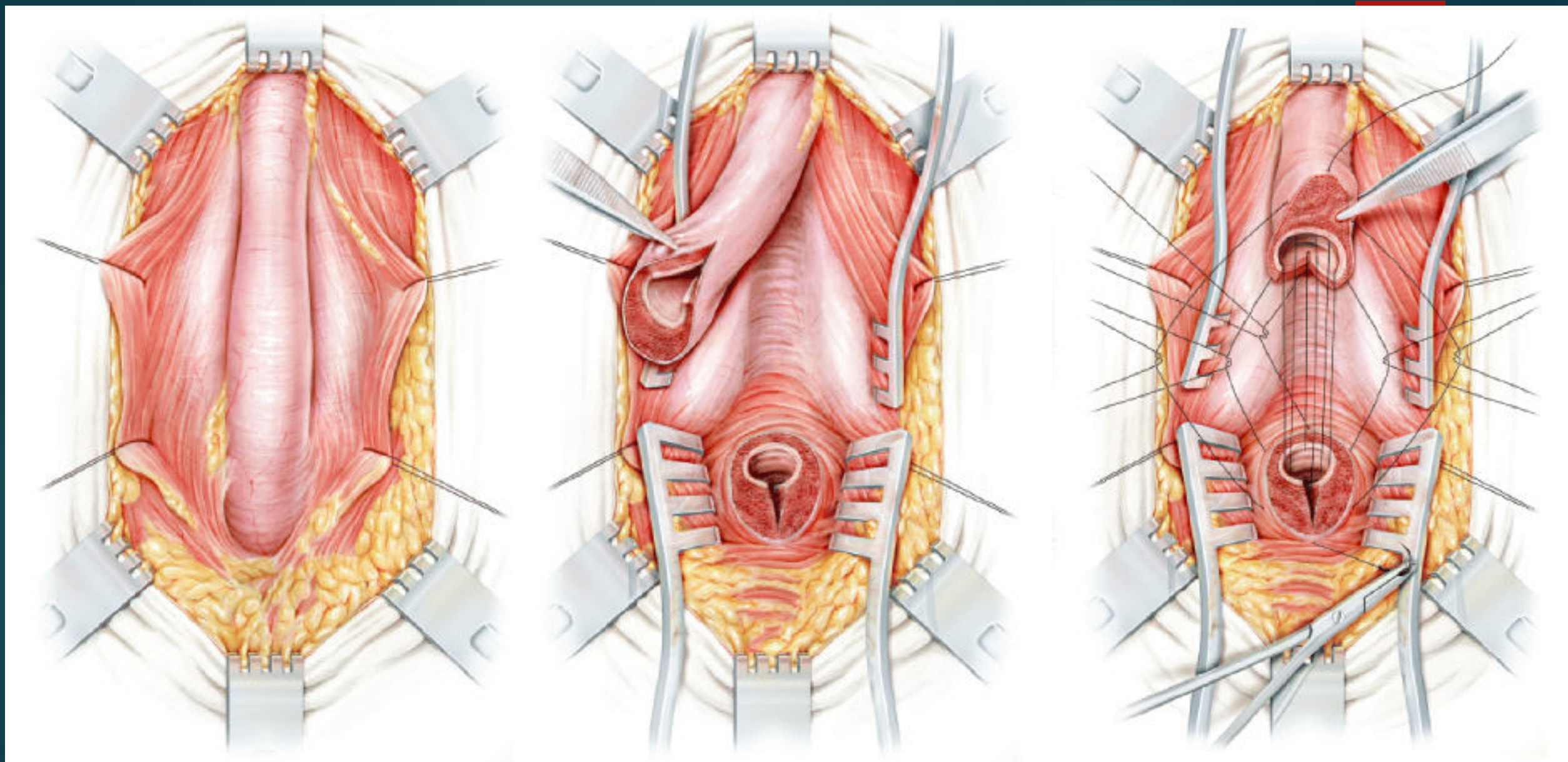
Urethroscopy

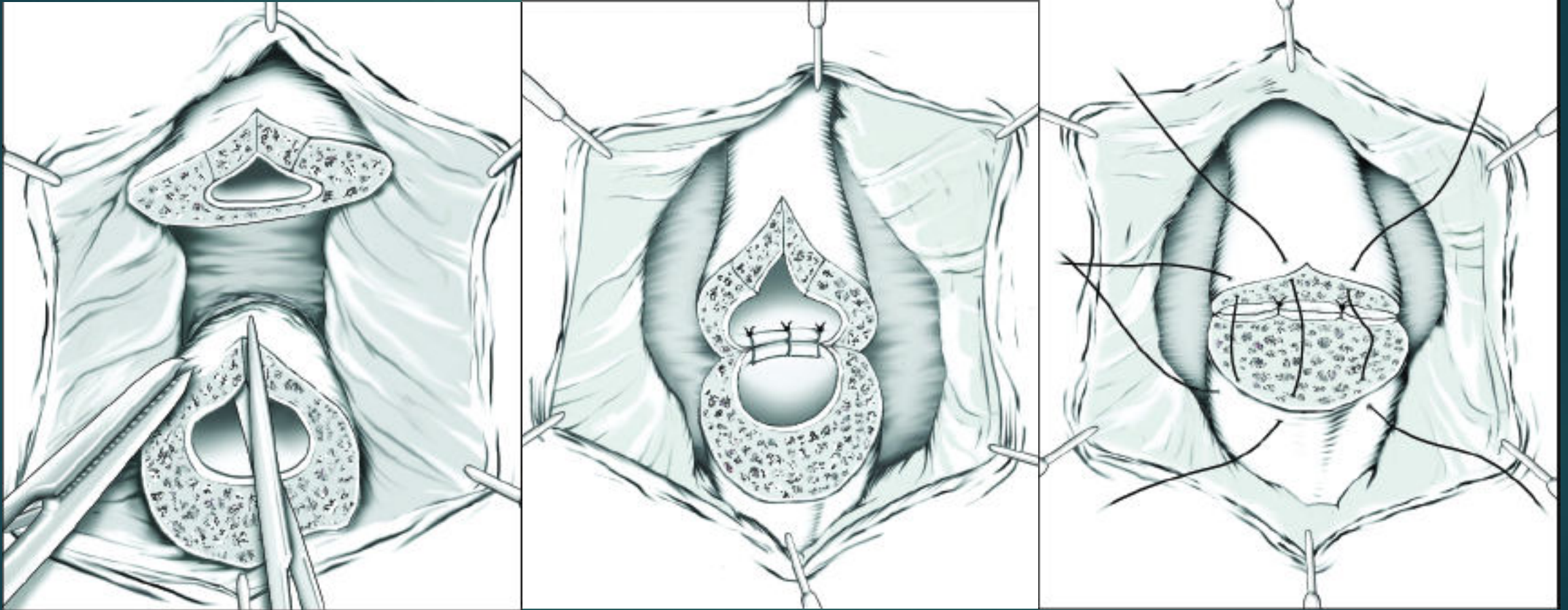


Treatment

- ▶ Dilation
- ▶ Optical Internal Urethrotomy(OIU)
- ▶ End to end urethroplasty
- ▶ Substitution urethroplasty

Urethral dilators





Follow up

- ▶ Uroflowmetry
- ▶ RGU



THANK YOU

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