

# Urology Archive

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## Station 1

Definitions:—

- Infertility
- Asthenospermia
- Teratospermia
- Oligospermia
- Azoospermia

## Station 2

1-Cause ??

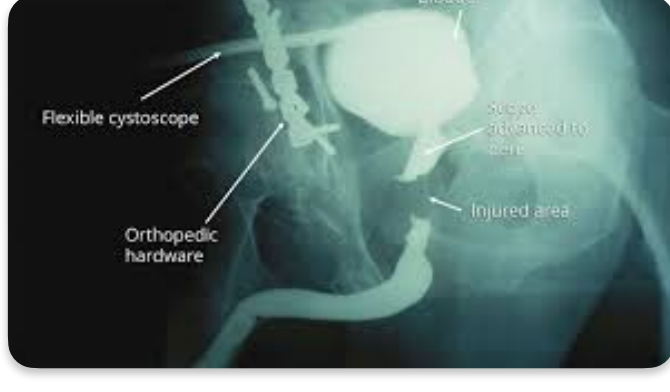
Urethral injury

2-Modality of imaging used??

Retrograde urethrogram

3-Best treatment??

End to end anastomosis *لانه الصورة كانت* complete tear of posterior urethra



## Station 3

1-Type of stone?? Struvite

2-Cause ???

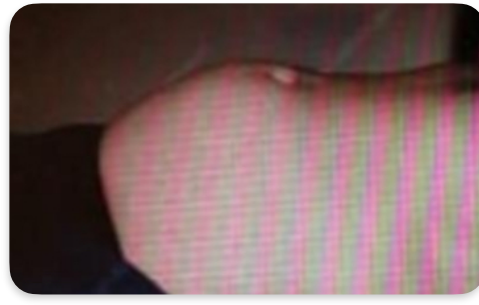
Urease producing bacteria ( klebsiella. Proteus)

3-Gold standard for treatment??

Per cutaneous nephrolithotomy



## Station 4



1-Three differences between acute urinary retention and this condition??

Acute urinary retention	Chronic urinary retention
Bladder capacity (400-500ml).	Bladder capacity (2-3L).
Painful.	Feeling of fullness (Painless).
Bladder is functioning.	Bladder atony (Neurogenic bladder).
No Reflux.	Renal impairment , Hydronephrosis & Reflux.

2-Type of incontinence seen in this condition???

3-Give 4 indication for surgery in BPH???

⚡ Mention 4 indication of surgery in BPH (5) سنوات

1. Failure of medical treatment
2. Recurrent UTI
3. Refractory urinary retention
4. Recurrent gross hematuria
5. Bladder stones
6. Large bladder diverticula
7. Hydronephrosis
8. Renal insufficiency

## Station 5

1-Infertility is failure to conceive conception after one year of unprotected intercourse involve \_\_\_\_\_and\_\_\_\_\_???

2-Best treatment if failed medical treatment???

Penile prosthesis

3-Give 2 causes need surgery???

4-Give a vascular cause for erectile dysfunction??

Hypertension!!!

## Station 6

1-Patient with painless hemiscrotal swelling for one year nearly ???

2-Give 4 differential diagnosis ??

3-Give 2 causes??

في كمان سؤال نسيته

## Station 7

Matching not completed as case scenario

- 1-acute pyelonephritis
- 2-Acute cystitis
- 3-Acute cystitis with suspect upper tract involvement
- 4-Emphysematous pyelonephritis
- 5-Nitrofurantoin
- 6-Vesicouretric reflex
- 7-Need urine culture to detect pathogen and adjust treatment
- 8-Urodynamic evaluation and bladder surgery
- 9-do suprapubic cath
- 10-

- A-diabetic patient
- B-patient with leukocyte esterase positive
- C-25yrs old female with frequency and urgency wbc and nitrite positive
- D- patient with urinary symptoms and bladder prolapse
- E-non toilet trained child
- F- flank pain fever costovertebral angle tenderness
- E-2years child with recurrent UTI and hydronephrosis
- F-fluoroquinolone resistant

## Station 8 ( matching )

- Reinke crystals .....> Leydig Cell
- Always secrete B-HCG .....> Choriocarcinoma
- never secrete AFP .....> Seminoma
- ~~Secretes AFP and B-HCG.....> Yolk Sac~~
- causes precocious puberty .....> Sertoli Cell

MC testicular tumor in children