

1. Cause of the given pathology in the image?

- a) Persistent of supra cardinal vein
- b) Persistent of sub cardinal vein
- c) Absence of sub cardinal vein
- d) Both a and b



B

2. Only FDA-approved agent specifically for intravesical treatment of papillary CAUB / CIS refractory to BCG

- a) Valrubicin
- b) Thiotepa
- c) Mitomycin c
- d) Epirubicin

A

3. False statement regarding renal papillary ca

- a) Can be Bilateral
- b) Associated with the loss of Chr Y
- c) Type 1 is aggressive
- d) Has a favourable prognosis

C

4. True regarding POUT trial is –

- a) Adjuvant gemcitabine/carboplatin after 3 months of nephroureterectomy
- b) Adjuvant gemcitabine/docetaxel immediately after nephroureterectomy
- c) PFS was primary outcome evaluated
- d) Adjuvant gemcitabine/cisplatin within 3 months of nephroureterectomy

D

5. Post TURBT for bladder tumor, HPE shows small cell carcinoma. No positive lymph nodes. Next line of treatment

- a) Radical cystectomy f/b adjuvant chemotherapy
- b) Neo-adjuvant chemotherapy f/b Radical cystectomy
- c) Radical cystectomy only
- d) adjuvant chemotherapy only

B

6. A male with azoospermia and B/L small testis has FSH 54 IU/L. What is the next best step?

- a) Testicular Biopsy
- b) USG for Varicocele
- c) MRI for pituitary tumor
- d) Karyotyping

D

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7. Which is not a component of Trifecta outcomes after Partial nephrectomy?

- a) Warm ischemia time <25 min
- b) No increase in CKD stage
- c) Negative margin status
- d) Cold ischemia time < 60 min

B

8. Which IHC marker is negative in Seminoma

- a) OCT
- b) NANOG
- c) CD30
- d) SALL4

C

9. "Snowflake hypothesis" is applicable to?

- a) CP/CPPS
- b) Orchalgia
- c) IC/BPS
- d) Balanitis

A

10. In Mucosal type of localized prostatic urethral cancer, first-line treatment?

- a) Urethrectomy
- b) Radical Cystectomy with urethrectomy
- c) TURP and BCG
- d) No treatment

A

11. All of the following are the advantages of microsurgical epididymal sperm aspiration except?

- a) Epididymal sperm has better motility than testicular sperm
- b) Large number of sperm can be harvested for cryopreservation of multiple vials in a single procedure
- c) Indicated for non-obstructive azoospermia
- d) Microsurgical procedure allows lower complication rate

C

12. All of the following are true regarding retroperitoneal fibrosis, except?

- a) Approximately 70% of cases are idiopathic
- b) Most commonly seen in females
- c) Lymphoma is the most common malignancy in RPF cases
- d) Fibrotic mass around distal aorta at L4-L5

B

13. Which type of varicocelelectomy has the highest failure rate?

- a) Coil embolisation
- b) Laparoscopic
- c) Inguinal
- d) Subinguinal

A

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14. Which is not a component of expected pentafecta outcomes post radical cystectomy?

- a) Warm ischemia time <25 min
- b) 12-month recurrence-free rate
- c) More than 3 months duration between TURBT and RC
- d) Absence of complications

C

15. Not a component of Goh's Classification?

- a) Length of urethra
- b) Size of fistula
- c) Closing mechanism involvement
- d) Degree of scarring

C

16. Identify the correct statement regarding radiofrequency ablation:

- a) A grounding pad is not needed
- b) Has a 'heat sink' effect around vessels
- c) May be used in the presence of metallic or electronic implants
- d) Lesions up to 7 cm can be effectively ablated

B

17. Harry Benjamin's criteria is for?

- a) Hypospadias reconstruction
- b) VUR
- c) Epispadias reconstruction
- d) Gender reassignment

D

18. Javelin renal 101 trial compared which combination against Sunitinib?

- a) Bevacizumab + Temeserolimus
- b) Avelumab + Axitinib
- c) Atezolizumab + Cabozantinib
- d) Nivolumab + Ipilumab

B

19. All of the following are true regarding Prune belly syndrome except?

- a) Kidney dysplasia occurs in half of the patients
- b) The distal portion of the ureters has more normal muscle than the proximal portions
- c) Hydroureteronephrosis is often to a severe degree; however calyceal morphology may be well-preserved
- d) The bladder is large with a pseudodiverticulum at the urachus and a wide bladder neck opening into a dilated prostatic urethra

B

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20. A 55-year lady has a history of recurrent muscle cramps. She is taking 3 anti-hypertensives and her serum potassium is 2.9 mEq/L. Primary hyperaldosteronism was suspected. Plasma Aldosterone: Renin ratio is elevated. CT adrenal thin cut revealed 5 mm lesion in the left adrenal. What is the next best step?

- a) Medical management
- b) Serum cortisol levels
- c) Laparoscopic left adrenalectomy
- d) Adrenal vein sampling

D

21. Which of the following is not included in the initial evaluation of asymptomatic microscopic hematuria?

- a) Urine cytology
- b) Cystoscopy
- c) USG KUB
- d) CT urogram

A

22. In the case of renal transplant, the Duplex scan suggestive of early systolic peak is flattened and delayed. What is the diagnosis?

- a) Renal artery thrombosis
- b) Renal artery stenosis
- c) Mycotic aneurysm
- d) Renal vein thrombosis

B

23. Immunosuppressant associated with increased lymphocele formation?

- a) Steroids
- b) mTOR inhibitors
- c) Basiliximab
- d) Tacrolimus

B

24. In laser lithotripsy, ablation crater volumes are associated with the irradiated surface photon density and pulse energy. Rapid vaporization of fluid creates a vapor channel between the fiber tip and the stone surface, allowing for more direct energy transfer. What is the name of this effect?

- a) Erb effect
- b) Joules effect
- c) Moses effect
- d) Pascal effect

C

25. Which statement is false regarding intimal fibroplasia?

- a) Accounts for 10% of the cases of fibromuscular dysplasia
- b) Occurs predominantly in elderly patients
- c) May result in dissection, arterial wall hematoma, and renal infarction
- d) Lesion is usually in the proximal renal artery

B

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26. A 29-year male uses a drug for erectile dysfunction. He complained of low backache and muscle soreness the day after starting the drug. Identify the drug.

- a) Vardenafil
- b) Avanafil
- c) Sildenafil
- d) Tadalafil

D

27. A HPE-proved NMIBC high-grade CIS is planned for Intravesical BCG instillations. SWOG protocol is initiated. The patient developed fever, arthralgia, and lung lesions. What is to be done next?

- a) Continue intravesical BCG with low-dose protocol
- b) Treat BCG toxicity with isoniazid and rifampicin
- c) Both a and b
- d) Shift to EORTC protocol

B

28. Frizzled 8 protein is used as a marker for interstitial cystitis. It is secreted from?

- a) Detrusor
- b) Bladder epithelium
- c) Endothelium
- d) None of the above

B

29. HOSKING'S stone clinic effect states-

- a) Single stone formers placed on a conservative program had a low recurrence
- b) Single stone formers who underwent surgery had low recurrence
- c) Recurrent stone formers who underwent surgery had symptom relief
- d) Recurrent stone formers placed on a conservative program had low recurrence

A

30. Hormone disturbance not seen in choriocarcinoma-

- a) Hypercortisolemia
- b) Hyperthyroidism
- c) Hyperprolactinemia
- d) High androgen

A

31. Salvage radical prostatectomy is not done in –

- a) Biopsy-proven radio-recurrent CaP
- b) PSA > 10 ng/ml
- c) Lack of identifiable metastasis on imaging
- d) At least 10 years of life expectancy

B

32. MTOPS trial in BPH is related to –

- a) Doxazosin and Dutasteride
- b) Doxazosin and finasteride
- c) Terazosin and Dutasteride
- d) Terazosin and fenasteride

B

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33. According to Colapinto–McCallam classification, bladder base injury is –

- a) Type I
- b) Type II
- c) Type III
- d) Type IV

D

34. True statement regarding aqua-ablation used in BPH

- a) Uses thermal high-velocity saline water jet
- b) Prostate size does not affect the duration of the procedure
- c) Target area defined transurethrally with the help of Robo and hydro dissection done with the help of TRUS
- d) Has a high risk of sphincter injury

B

35. True regarding Rezum?

- a) intraprostatic phase shift from liquid to vapour
- b) provides faster symptom relief but requires postoperative catheterization compared to aquablation
- c) can target central zone/ median lobe
- d) transient deterioration in erectile and ejaculatory function

C

36. Emphysematous pyelonephritis classification for old lady with a history of right nephrectomy now present with fever, chills, and increased TLC. On CT, gas around the left kidney pelvicalyceal area. What is Huang's classification?

- a) Class 3A
- b) Class 3B
- c) Class 4
- d) Class 2

C

37. Which condition is less common in males compared to females?

- a) pelvic lipomatosis
- b) Unilateral segmental Megacalycoses
- c) Single system ectopic ureter
- d) Bilateral Renal Agenesis

B

38. Which statement is not wrong regarding Select MDx?

- a). combines prostate volume with PSA and urine biomarkers
- b). DLX1 and HOXC6 assessment in blood
- c). urine-based exosome RNA liquid biopsy test
- d). urine exosomal α -Methylacyl Coenzyme A Racemase included

A

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39. Which condition has no sex predilection?

- a) Renal artery aneurysm
- b) Ask Upmark Kidney
- c) Nephrogenic Adenoma
- d) Calyceal diverticulum

D

40. This radioactive tracer provides the most effective relative GFR measurement in children above 5 years of age?

- a) ^{99m}Tc-diethylenetriaminepentaacetic acid (DTPA)
- b) ^{99m}Tc-mercaptoacetyl triglycine (MAG3)
- c) ¹³¹I- or ¹²³I-orthoiodohippurate (OIH)
- d) ^{99m}Tc-dimercaptosuccinic acid (DMSA)

A

41. What is incorrect regarding the depth of penetration of following lasers?

- a) Nd:YAG – 0.5-1cm,
- b) KTP – 0.9-1 cm
- c) Ho:YAG - 0.4-0.5 mm
- d) CO₂ - 0.1-0.2 mm.

B

42. In a non-randomized controlled study evaluating the hypothesis that laparoscopic nephrectomy, as compared with open nephrectomy, reduces the length of hospital stay; the null hypothesis was true yet rejected. This is known as?

- a) Type I error
- b) False negative error
- c) Power of a study
- d) Type II error

A

43. Which is related to precocious puberty?

- a) teratoma
- b) Leydig cell tumour
- c) seminoma
- d) sertoli cell tumour

B

44. Bladder relaxation during filling is accomplished by:

- a) stimulation of alpha-1a receptors via the hypogastric nerve.
- b) stimulation of beta-3 adrenergic receptors via the hypogastric nerve.
- c) stimulation of alpha-1 d receptors via the hypogastric nerve.
- d) inhibition of beta-3 adrenergic receptors via sympathetic input from the spinal cord.

B

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45. An 18 year old female presented with an enlarged clitoris with a poorly developed vagina and bilateral small testis palpable in the inguinal canal. The Mullerian structures were present and the karyotype was 45 XO/46 XY. The possible diagnosis is

- a) Congenital Adrenal Hyperplasia
- b) Turner Syndrome
- c) Mixed Gonadal Dysgenesis
- d) Pure gonadal Dysgenesis

C

46. Coffin-lid appearance is seen in which stone

- a) Protease inhibitor stones
- b) struvite stone
- c) carboxy-apatite stones
- d) cystine stone

B

47. Renal vessel vasoconstriction caused by all except?

- a) angiotensin II
- b) Noradrenaline
- c) ANP
- d) Endothelin

C

48. Increased level of deoxycortisone seen in which enzyme deficiency?

- a) 11-beta hydroxylase
- b) 21 – hydroxylase
- c) 17- alpha-hydroxylase
- d) 3-beta hydroxy steroid dehydrogenase

A

49. All are true regarding Nadofaragene therapy in bladder ca except?

- a) Intravesical therapy in BCG unresponsive NMIBC
- b) Replication deficient recombinant adenovirus
- c) Delivers human IFN alpha-2b into bladder epithelium
- d) Intravesical therapy in MIBC

D

50. All are included in PADUA score except ?

- a) Tumor size
- b) Renal sinus involvement
- c) Anterior or posterior
- d) Exophytic or endophytic

C

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51. In a case of stage 3 NSGCT, even after giving 1st line and 2nd line of chemotherapy, the size of LN mass and tumor marker increase, what is the next line of management?

- a) Observation
- b) RPLND
- c) 3rd line salvage high dose chemotherapy with SCT
- d) Hospital care

C

52. The most common metabolic abnormality after urinary diversion using jejunal conduit is

- a) hypocholeremic hypokalemic metabolic acidosis
- b) hypercholeremic hypokalemic metabolic acidosis
- c) hypocholeremic hyperkalemic metabolic acidosis
- d) Hypocholeremic hypokalemic metabolic alkalosis

C

53. PINCR trial is related to the use of?

- a) Pazopanib in non- clear cell RCC
- b) Cabozantinib in clear cell RCC
- c) Pembrolizumab in non-clear cell RCC
- d) Lenvatinib in clear cell RCC

A

54. Triangle of Petit is formed by the iliac crest and which muscles

- a) external oblique and latissimus dorsi.
- b) internal oblique and latissimus dorsi.
- c) external oblique and serratus posterior inferior,
- d) internal oblique and serratus posterior inferior,

B

55. Following the removal of a frontal lobe meningioma, detrusor function will most likely be

- a) incomplete coordinated with urgency incontinence and increased residual volume.
- b) uncoordinated due to detrusor-sphincter dyssynergia.
- c) uncoordinated due to detrusor areflexia.
- d) uncoordinated due to primary bladder neck dyssynergia

B

56. Incorrect regarding the effects of sildenafil?

- a) excreted in urine after metabolism
- b) priapism is rare side effect.
- c) Has shorter half-life than avanafil
- d) erythromycin decreases plasma levels of sildenafil.

D

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57. Which of the following penile dermatosis is NOT associated with penile cancer?

- a) Bowenoid papulosis
- b) Paget's disease
- c) Buschke–Löwenstein (Giant condyloma)
- d) Condyloma acuminatum

D

58. Unusual finding in classic RTA?

- a) Hypochloremic metabolic acidosis
- b) Urinary pH<6.5
- c) Calcium hydroxyapatite stones
- d) Failure of H⁺ secretion in the distal nephron

A

59. All of the following are findings of bladder exstrophy by screening ultrasound except:

- a) Lower abdominal bulge
- b) Low-set umbilicus
- c) Hydronephrosis
- d) Small penis

C

60. CIC was first described by

- a) Arthur Smith
- b) Duplay
- c) Lapidès
- d) Grobstein

C

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