

1. Sample Question

A two year old boy presents with a proven UTI and on investigation is found to have a renal calculus. What is the most likely organism to have caused his UTI?

- A. Escherichia coli
- B. Proteus mirabilis
- C. Pseudomonas aeruginosa
- D. Staphylococcus epidermidis
- E. Streptococcus faecalis

2. Sample Question

A 23 year old woman who underwent enterocystoplasty because of neurological bladder dysfunction twelve months previously attends for routine review and complains of troublesome mucus production from her reconstruction. Which one of the following is considered the most effective intervention?

- A. Drinking 250 ml of cranberry juice each day
- B. Long-term flush irrigation with 60 ml saline once daily
- C. Long-term therapy with aspirin 300 mg daily
- D. Long-term therapy with oral ranitidine 150 mg twice daily
- E. Oral potassium citrate solution 10 ml three times a day

3. Sample Question

A 45 year old man who is a lifelong Ugandan resident presents with haematuria and weight loss. Cystoscopy shows an inflamed bladder with raised white plaques on the posterior bladder wall. Which one of the following is the most likely diagnosis?

- A. Carcinoma in situ
- B. Malakoplakia
- C. Schistosoma japonicum infection
- D. Schistosoma mansoni infection
- E. Squamous cell carcinoma

4. Sample Question

A man has erectile dysfunction and a circumferential fibrous plaque at the base of the penis. Following intracavernosal alprostadil there is only minimal distal penile rigidity. Which one of the following is most likely to restore erectile function?

- A. Combination therapy with sildenafil and intraurethral prostaglandin
- B. Incision of the plaque and vein patch grafting
- C. Insertion of a penile prosthesis
- D. Treatment with a vacuum constrictor device
- E. Treatment with sildenafil citrate

5. Sample Question

A 65 year old man undergoes radical nephrectomy for renal cancer. Histology confirmed a 12 cm clear cell carcinoma, nuclear grade 3 with no tumour necrosis, involving the upper pole of the kidney with infiltration of the adrenal gland. One of two regional lymph nodes resected showed metastatic cancer. According to the 8th Edition (2018) TMN classification, what is his TNM staging?

- A. pT2 N1 M0
- B. pT3a N1 M0
- C. pT3a N2 M0
- D. pT3b N1 M0
- E. pT4 N1 M0