

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

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

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

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 an inflatable penile prosthesis
- D. Treatment with a vacuum constrictor device
- E. Treatment with sildenafil citrate

A 65 year old man is taking doxazosin 4 mg daily for lower urinary tract symptoms and uses sildenafil 100 mg once a week for erectile dysfunction.

Which one of the following is the most appropriate advice regarding his medication?

- A. Change doxazosin to tamsulosin 400 micrograms daily
- B. Do not take sildenafil within four hours of doxazosin
- C. Do not take sildenafil within twelve hours of doxazosin
- D. Omit doxazosin on the day of sildenafil use
- E. Omit doxazosin the day after using sildenafil