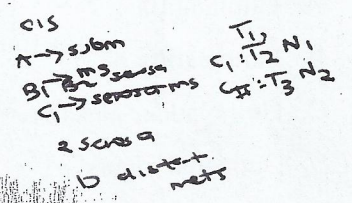


22. Colonic pseudo obstruction is caused by all except *atrophic*

- A. Systemic illness ✓ *hypokalemia*
  - \* Kawasaki dx
  - \* Parkinson's dx
  - \* Genetic causes
- B. Electrolyte imbalance ✓ *FAP H*
- C. Faecal impaction ✓ *1*
- D. Opioids ✓ *T*
- E. Hypothyroidism ✓ *T*
  - \* DM, chronic renal failure
  - \* Myxedema
  - \* Anticholinergic

23. An 18 year old girl is brought to the casualty with worsening severe abdominal pain which started 6 hours ago. Her abdomen is tender particularly in the lower abdomen and there is guarding. She also has a history of Chlamydia. She is tachycardic but her blood pressure is normal at 13/78. Which one of the following is the diagnosis you should confirm or rule out in this patient?

- A. Acute appendicitis ✓ *2500*
- B. Pelvic inflammatory disease ✓
- C. Acute intestinal obstruction ✓
- D. An ectopic pregnancy ✓ *2500*
- E. Crohn's disease ✓

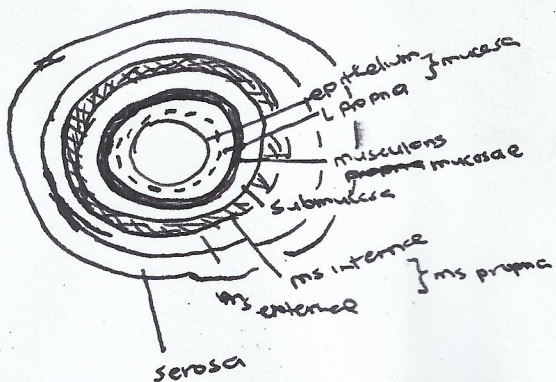
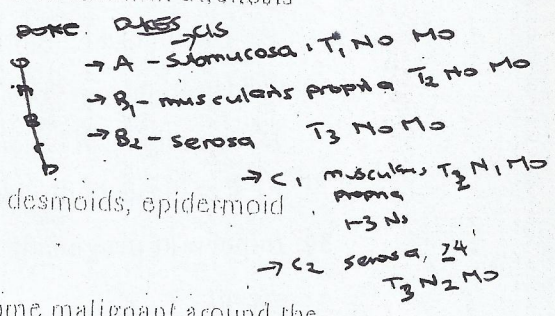


24. Which of the following is incorrect concerning colorectal carcinoma?

- A. Is the second most cause of cancer related death in western world? *In Britain it is 2nd to lung cancer*
- B. A T1 N1 M0 stage III is equivalent to Duke stage C tumour. *T & mets*
- C. Majority of the carcinoma occur in the descending colon. *F to rectosigmoid*
- D. Familial adenosis polyposis and HNPCC are two inherited causes of colonic cancer. *Lynch syndrome*
- E. Patient with primary Sclerosing cholangitis and ulcerative colitis have increased risk of developing colon cancer. ✓

25. Which ONE of the following is INCORRECT with regard to familial adenosis polyposis.

- A. Account for about 1% of colorectal cancers ✓
- B. Is autosomal dominant inherited ✓
- C. Patient may develop extra colonic manifestation such as desmoids, epidermoid cysts and dental cysts. ✓
- D. Adenomas develop during teenage years of life will become malignant around the age of 20. *(39 yrs)*
- E. Treatment is with a subtotal colectomy ✓



**STAGING**

**TUMOUR SIZE**

T0: No tumour found  
 T1: Carcinoma in situ  
 T1: submucosa  
 T2: muscularis propria  
 T3: serosa  
 T4: adjacent structures and organs

N0: regional node involvement  
 N1: mets 1-3 regional nodes  
 N2: mets 2-4 regional nodes  
 N0: distant mets  
 M1: distant mets