

★ Case 1

1. What's the most likely diagnosis?
- Most likely diagnosis is colon cancer (carcinoma).

- Most likely investigations are required?

2. What further investigations are required?
 - ① Occult blood
 - ② sigmoidoscopy → reveal tumor, allow biopsy
 - ③ colonoscopy → enable reach higher regions
 - ④ Barium enema → reveal stricture
 - ⑤ CT → staging
 - ⑥ Laprotomy → doubt of Dx

3. What's the appropriate management?

- A. preoperative
 - clear bowel by enema, laxative
 - Antibiotics (cephalosporine)
 - Blood transfusion if necessary
- B. Operative
 - resection of growth + lymph node affected
 - if obstruction present → resect it.
- C. Post operative
 - Chemotherapy
- D. follow up colonoscopy

Case 2

What's the D/D?

- ① Ulcerative colitis
- ② Crohn disease
- ③ tumor of large bowel
- ④ dysentery
- ⑤ diverticulosis

2. Why have the Investigations?

- ① sigmoidoscopy
 - reveals edema + bleeding
- ② colonoscopy → whole bowel view + biopsy taken
- ③ Barium enema → reveal the findings
 - Ulceration
 - edema, fibrosis
 - Lipipe sign

④ stool examination

3. What's the appropriate action?

- A. Medical management
 - High protein diet + Vit supplements
 - Blood transfusion if severe anemia
 - I.V fluids, electrolytes (K⁺, + Iron)
 - Steroids, Immuno suppressor
 - Anti diarrhea
 - Biological therapy (Infliximab)
- B. Surgical (not res to medical)
 - total removal of colon with either
permanant ileostomy or Ileoanal
anastomosis