

## **Anus & anal canal**

### **Case 1**

#### **Anal fistula**

50 years old woman presents with small volume soiling of the underwear with blood & feces. She mentions a hospital admission 3 months ago with perianal pain & swelling that was treated with antibiotics.

#### **Questions**

1. What is the definition of a fistula and what is believed to be the mechanism of their formation?
  2. Are you aware of the classification of the fistula?
  3. What is Goodsall's rule
  4. How are you going to manage this patient?
  5. Are there any other options available for treating a fistula?
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### **Case 2**

#### **Hemorrhoids**

20 years old man presents with a history of intermittent rectal bleeding and a palpable lump which he is able to reduce manually. Proctoscopy reveals circumferential engorgement of the anorectal venous cushions.

#### **Questions**

1. What is the classification of hemorrhoids?
2. Discuss the non-operative management of hemorrhoids
3. You have banded the patient's piles twice and they are still grade 3. What newer techniques are you aware of to avoid an open operation?
4. What are the complications of open hemorrhoidectomy?
5. Please list the grades of the hemorrhoids and the appropriate treatment options