



Perineal Fistula: A Rare Case Presentation

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Abstract

Common cause of perineal pain is fistula in the anal region. Fistula cause by impaction of foreign body is rare. We present to you a case of a 48- year-old man of Asian descent presented to the emergency department with pain and discharge from the anal region in the last three years. He had an impaction of a foreign body that was removed surgically.

Keywords: perineal fistula, foreign Body, bleeding per rectum

Introduction

Common cause of perineal pain is fistula in the anal region. Fistula cause by impaction of foreign body is rare [1]. The anal canal is a very rare site of impaction of a foreign body [2]. Most of the foreignbody

pass out of the anus once they are ingested [3]. The sites of impaction of the ingested foreign body include appendix, caecum, and terminal ileum [2].

Case Presentation

A 48-year-old man of Asian descent presented to the emergency department with pain and discharge from the anal region for three years. He gave no history of bleeding per rectum. He had no medical co-morbidities. His previous surgical history was unremarkable. On local examination, he had a fistula in ano with an external opening seen at 7 O'clock, position and internal opening could not be visualized. Purulent discharge from the external opening was there. Digital rectal examination was normal. His sonofistulogram showed a complex fistula in ano with evidence of a foreign body (3.2 cm) in

the fistulous tract. The rest of his blood investigations were normal. Based on these findings, surgical intervention was planned, and he was taken to the operation theatre. His foreign body removal was done under general anesthesia. The fistula tract was laid open and a bone piece of 3 cm was extracted in piece as shown in **Figure 1a**. Setons were placed in the fistulous tract. The foreign body was sent for histopathological report and it turned out to be. The patient recovered fine.



Figure 1a. Foreign body removed from the patient.



Figure 1b. Foreign body removing from the patient.

Discussion

Ingested foreign body can cause a rare complication of a fistula in ano. Only few cases have been reported in the literature so far 1-4. Fish bones 5, chicken bones 5, suture material1, filshie clips1, etc. have been various unusual contents removed from the fistula in ano.

Risk factors predisposing to impacted foreign body by ingestion include the presence of dentures, previous anal surgery complicated by anal stenosis and alcohol intoxication [6].

Conclusion

Presence of pain and purulent discharge should raise the suspicion of a foreign body in the anal tract although this is very rare but should be kept in mind to decrease morbidity as well as mortality for the

patient. The ultimate treatment would be removing it under general anesthesia.

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