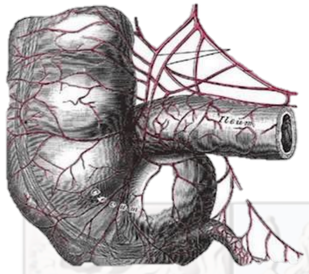
RIGHT ILIAC FOSSA PAIN | *A Rare Case of Triple Pathology*

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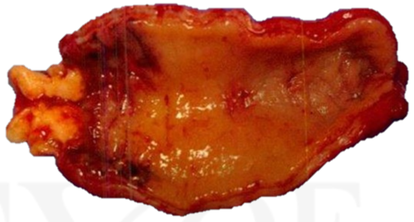


Appendix

INTRODUCTION

Right iliac fossa (RIF) pain is a common emergency surgical presentation. Whilst appendicitis is often suspected, other conditions must be considered. Meckel's diverticulum, the most common congenital anomaly of the small intestine, may cause acute inflammation or gastrointestinal blood loss.

A neuroendocrine tumour (NET) is a rare malignancy. **Triple presentation of acute appendicitis, Meckel's diverticulitis, and a NET is an extremely rare occurrence.**

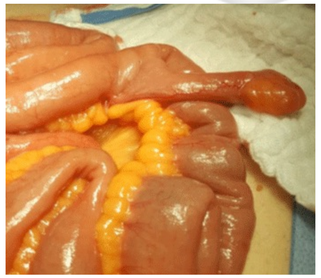


Neuroendocrine tumour in an appendix

CASE STUDY

A fit and well 34 year old male patient presented with RIF pain and clinical features of acute appendicitis. He presented to the emergency department 4 months previously with lower abdominal cramps and watery stools with fresh blood preceded by a restaurant meal: he was discharged home with antibiotics for "gastroenteritis."

He underwent laparoscopy for suspected appendicitis. Intraoperatively, purulent appendicitis as well as a separate interloop abscess associated with an inflamed Meckel's diverticulum was visualised. Laparoscopic appendicectomy and washout was performed, followed by mini-laparotomy and wedge resection of the Meckel's diverticulum. His post-operative recovery was uncomplicated. Histological examination revealed a perforated Meckel's diverticulum containing a completely resected, well-differentiated NET, with an MDT recommendation for no further management.



Small bowel resection containing Meckel's diverticulum

CONCLUSION

We reiterate the importance of remaining alert to the possibility of additional or alternative diagnoses in the management of patients with RIF pain, including the early presentation of intra-abdominal malignancies. The broad visual field enabled by the laparoscopic approach facilitates easier recognition of diagnoses other than appendicitis. In this case, co-incidental development of appendicitis facilitated early detection and cure of an uncommon GI malignancy.

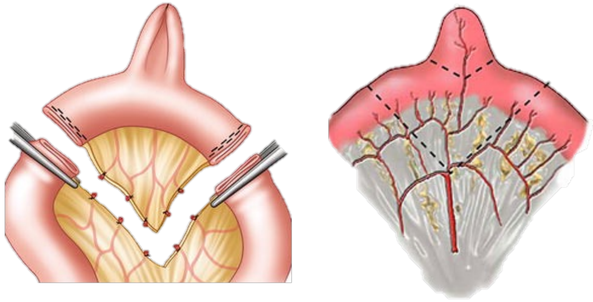


Diagram of wedge resection and anastomosis for Meckel's diverticulum