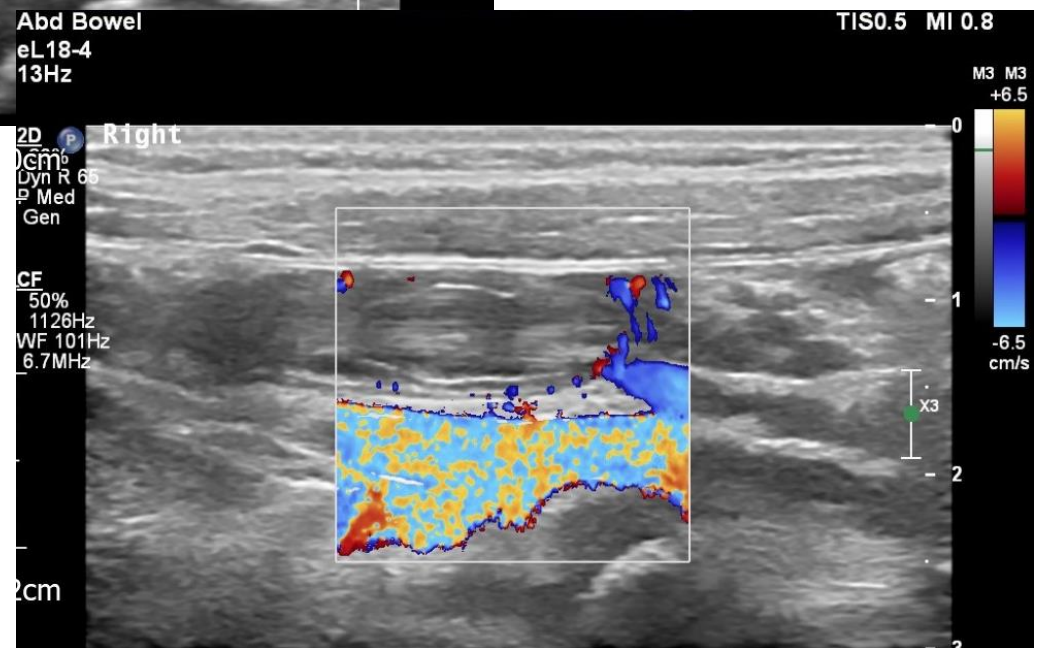


# General Medical Case no.7

March 2023

Clinical details: Emergency admission

15 year old male. H/O initially central abdominal pain but now focal RIF pain for last 6 hours. High temperature. Nauseous.



Do not progress to the next slide until you have attempted to write a report.

# Ultrasound report

## Lower abdominal ultrasound

The appendix is non-compressible and thickened to approx 8mm wide, and demonstrates increased vascularity on colour Doppler. The surrounding mesenteric fat is hyperechoic. Nil else of note.

Conclusion: Acute appendicitis.

Patient returned immediately to SAU for further management.

# Acute Appendicitis Fact File

- Affects 1:1000 people but is more common in teenagers and young adults
- Higher risk of complications in the elderly
- Most appendices are retrocaecal, making visibility on ultrasound more difficult
- However, in experienced hands, ultrasound has a similar accuracy to CT for detecting acute appendicitis
- Around one third of cases have an intraluminal appendicolith