

The Utility of Intraoperative Ultrasound in the Localization of Post-Open Appendectomy Interstitial Incisional Hernia: A Case Report

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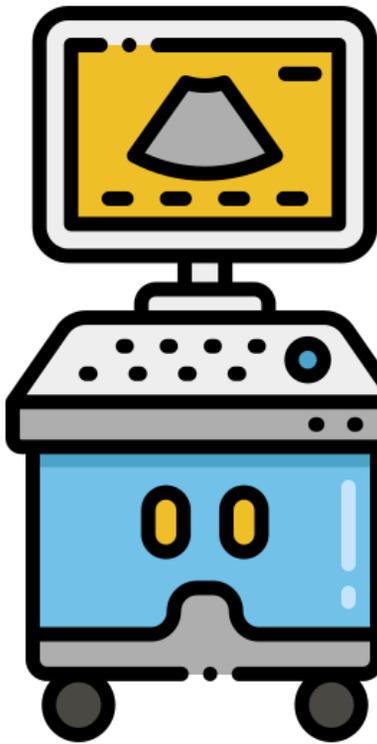


300,000 appendectomies per year



<0.12% have incisional hernia

CASE PRESENTATION



Patient Information

- 59/F
- 8 months post-open appendectomy
- Painful bulge over Rocky-Davis incision



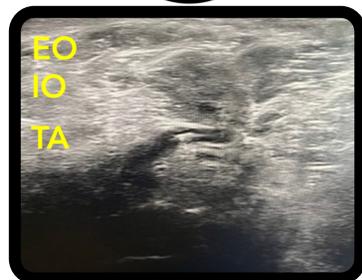
Imaging

- Ultrasound: incisional hernia
- CT scan: interstitial incisional hernia



Operative Findings

- Defect hard to locate visually
- Intraoperative ultrasound-guided localization



Outcome of Operation

Mesh was placed successfully over the peritoneum with a 5 cm circumferential overlap



Interstitial Hernia

- Defect in the transversus abdominis and internal oblique aponeurosis and muscle
- Intact external oblique aponeurosis and muscle



Intraoperative Ultrasound

- Accurate localization
- Surgical precision



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