ROBOTIC REPAIR OF RECURRENT INGUINAL HERNIA PRESENTING AS AMYAND HERNIA

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Background

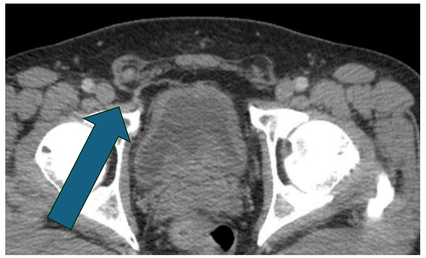
- Amyand hernia is the presence of the appendix within an inguinal hernia sac.
- It accounts for <1% of all inguinal hernias.
- Management becomes more complex in recurrent hernias with prior mesh.
- Robotic surgery offers improved visualization and dexterity in reoperative fields.

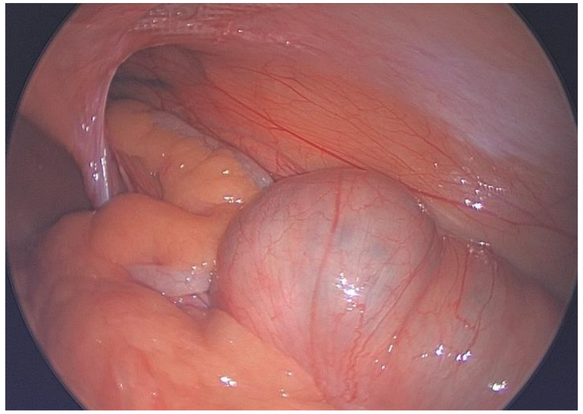
Case Summary

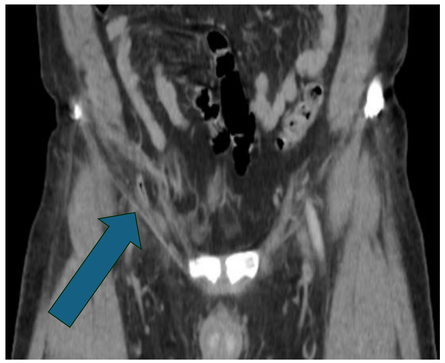
PATIENT HISTORY:

- 59-year-old male with 3 months of intermittent RLQ pain.
- PMH: Psoriasis, Hyperlipidemia.
- PSH: Laparoscopic right inguinal hernia repair with mesh (2019).
- Physical exam: Small reducible right inguinal hernia.
- CT abdomen/pelvis showed appendix extending into right inguinal canal

Figures







Case Summary

OPERATIVE MANAGEMENT:

- Robotic right recurrent inguinal hernia repair performed
- Appendix identified within hernia sac and reduced
- Appendix appeared non-inflamed; appendectomy not performed
- 15 × 10 cm ProGrip mesh placed with wide overlap
- Uneventful post-operative recovery

Conclusions

- Robotic repair is a safe and effective approach for recurrent Amyand hernia.
- Enhanced visualization allows careful reduction of appendix.
- Mesh repair can be safely performed when appendix is non-inflamed.

References:
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2.Manatakis DK, Tasis N, Antonopoulou MI, et al. Revisiting Amyand's Hernia: A 20-Year Systematic Review. World J Surg. 2021;45(6):1763-1770. doi:10.1007/s00268-021-05983-y