

Perforated Appendix with Periappendicular Abscess in a Inguinal Hernia Sac - Amyand's Hernia

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Abstract

Amyand's hernia is a rare form of inguinal hernia, where the appendix is included in the hernia sac. We present the emergency case of an 81-year-old patient with right inguinal pseudo-tumor, accompanied by marked local pain, nausea, low grade fever and bowel disorders. Emergency surgery is indicated due to a suspected incarcerated inguinal hernia with imminent strangulation. The intraoperative findings reveal the presence of a periappendicular abscess as the cause of gangrenous appendicitis, perforated in the right indirect inguinal hernia sac. The practice includes the evacuation of the abscess, appendectomy and surgical cure of the inguinal hernia – Bassini's procedure, Douglas drainage and subcutaneous drainage. The postoperative outcome was favorable, the patient being discharged on the fifth postoperative day. Postoperative checks performed at 3 and 9 months have not revealed the presence of a hernia recurrence.

Key words: Amyand's hernia, periappendicular abscess, inguinal hernia, perforated appendix, appendicitis

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