

Pt. Name:	أميره عبده صالح العماد	Lab Number:	0460-2026
Pt. Age:	46 years.	Gender:	Female
Received date:		Reported date:	2026-01-26
Referred By:	د/ وليد المخلافي		

### PATHOLOGY REPORT

Clinical Information.	Acute appendicitis with dilated appendix up to 13 mm.
Nature of specimen.	Appendicectomy

#### GROSS:

Appendicectomy specimen showing appendix 4.5 2.3 cm long with attached mesoappendix measuring 3x1.5 cm. Opening revealed almost complete replacement of appendix by a cyst filled with gelatinous material, with intact wall, 0.2 cm in thickness.

#### PHOTOGRAPH



#### MICROSCOPIC:

Appendicular lumen is distended and appendicular epithelium is extensively ulcerated and reduced in few foci to a flat layer of simple columnar mucigenic epithelium. Foci of ulceration are seen related to dense non-specific inflammation rich in neutrophils, lymphocytes, plasma cells with histiocytes. This infiltrate extends to involve the whole thickness of the thick and fibrotic wall. No evidence of malignancy.

#### DIAGNOSIS:

##### Appendicectomy:

- Non-neoplastic mucocele with associated acute on top of chronic chronic appendicitis.
- Negative for epithelial dysplasia or malignancy.

##### COMMENT:

This represents a non-neoplastic (simple) mucocele resulting from luminal obstruction. Such lesions are entirely benign and are cured by appendicectomy. No evidence of mucinous neoplasm or extra-appendiceal mucin is identified.

#### Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
26-01-2026

*Nerveen Tahoun*