

Pt. Name:	عبد العزيز علي علي أحمد صلاح		Lab Number:	0047-2026	
Pt. Age:	35 years.	Gender:	Male	Received date:	2026-01-03
Referred By:	د/ طه الهيل		Reported date:	2026-01-09	

### PATHOLOGY REPORT

Clinical Information.	Rt. lower jaw lesion extending from the body to right condylar head. ? Osteomyelitis.
Nature of specimen.	Biopsy.

#### GROSS:

Membranous and bone fragments collectively measured 6x5x1 cm, totally embedded.

#### PHOTOGRAPH

#### MICROSCOPIC:

Some of submitted fragments (slide A) showing wall of cyst is lined by parakeratinized stratified squamous cells 5-8 layers in thickness with palisading of the prominent basal layer. Wall of cyst shows focal superficial ulceration with related inflammatory reaction rich in neutrophils, lymphocytes, plasma cells and macrophages. This inflammation extending to surrounding bony tissue. No evidence of atypia or malignancy.

#### DIAGNOSIS:

##### Rt. Lower jaw lesion:

- Keratocystic odontogenic tumor (= odontogenic keratocyst), inflamed, extending to surrounding bony tissue.
- Negative for malignancy.

#### Comment

This lesion may be locally aggressive with tendency for local recurrence. Hence, follow up is recommended.

#### Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
09-01-2026

*Nerveen Tahoun*