

Pt. Name:	سعيدة محمد أحمد المطري			Lab Number:	3959-2026
Pt. Age:	60 years.	Gender:	Female	Received date:	2026-06-13
Referred By:	د/ معتز الصنوي			Reported date:	2026-06-18

PATHOLOGY REPORT

Clinical Information.	History of right femur pathological fracture presents with radiographic findings of an abnormal bone edge with loss of cortex and a cystic lesion, alongside intraoperative findings of callus formation with an abnormal callus appearance, for which a bone biopsy from the fracture edges was done.
Nature of specimen.	Biopsy

GROSS:

Biopsy ne fragments collectively measured 3x2.7x0.8 cm, totally embedded.

MICROSCOPIC:

?Sections show a fragmented osteochondral proliferation with a zonal architecture characteristic of bone healing. Lobules of hyaline cartilage displaying focal hypercellularity and plump, sometimes binucleated chondrocytes without cytological atypia or hyperchromasia are noted. This cartilage interfaces with a vascularized fibromyxoid stroma composed of benign spindle cells and thin-walled capillaries. Active endochondral ossification is present at the periphery, where new woven bone trabeculae are rimmed by a uniform layer of reactive osteoblasts. No evidence of specific granulomas. No evidence of atypia or malignancy.

DIAGNOSIS:

Right femur, biopsy from fracture edges:

- Reactive osteochondral proliferation consistent with exuberant callus formation.
- Negative for malignancy.

Pathologist
Prof. Dr. Neveen Tahoun, MD, PhD
18-06-2026
Nerveen Tahoun