



2025

KARNATAKA RADIOLOGY EDUCATION PROGRAM

- Name – XYZ
 - Age – 30 years
 - Sex – Male
 - Place – Hubballi
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- Chief complaints – c/o pain in the thigh x 2months

No known comorbidities

Family history – Nothing significant

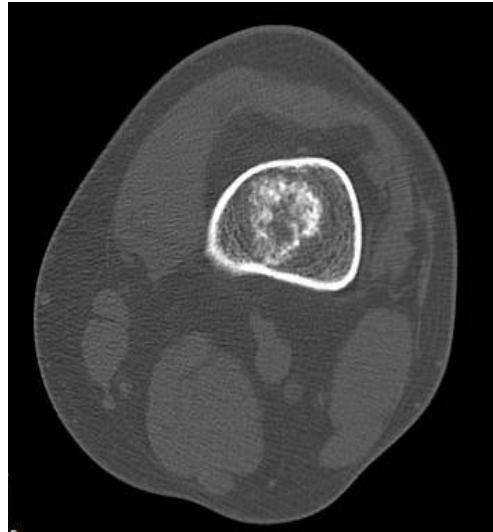
X RAY



X RAY FINDINGS

- A partially calcified lesion is noted in the distal end of metaphysis of the femur
- There is no evidence of endosteal scalloping
- There is no evidence of cortical destruction.
- No periosteal reaction and no pathologic fracture could be seen

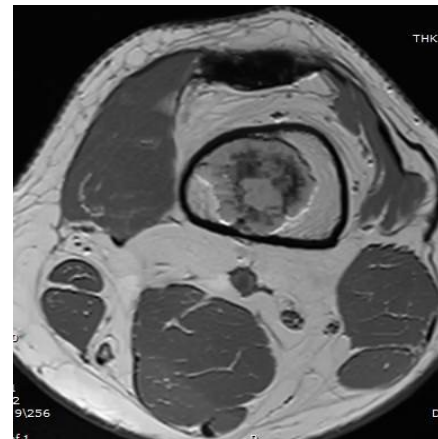
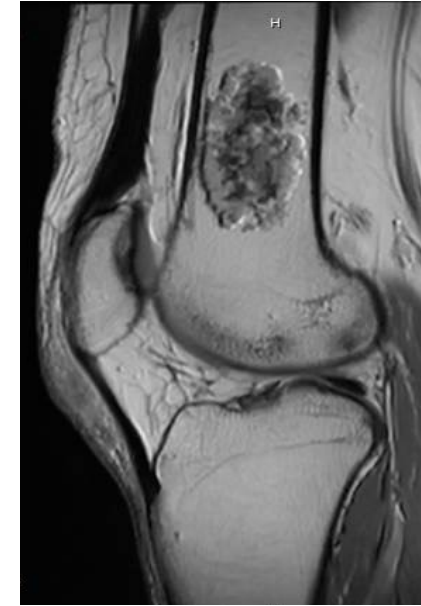
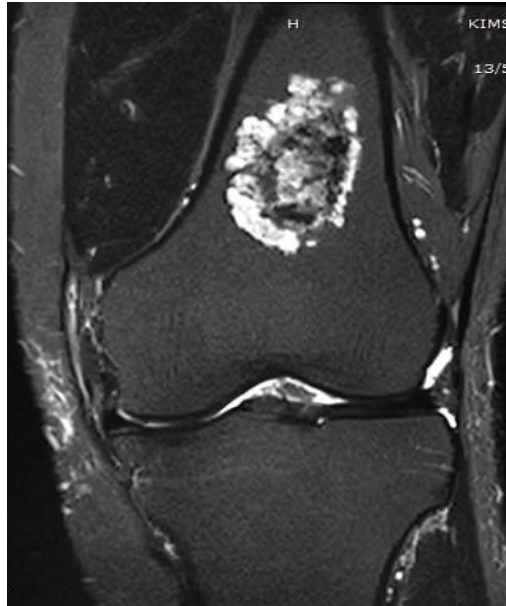
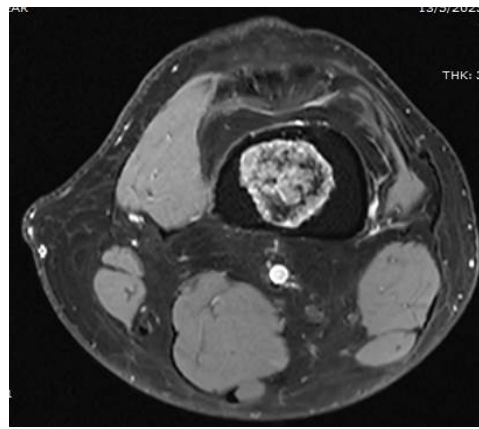
CT



CT FINDINGS

- An intramedullary lesion with typical rings and arcs calcifications in the distal diaphysis and metaphysis of the left femur.
- The endosteal cortical border was not eroded.
- Impression – D/D To be considered –
 - 1) Enchondroma
 - 2) atypical cartilaginous tumors
 - 3) chondrosarcomas

MRI



MRI FINDINGS

- Bones: E/o T2/STIR hyperintense lobulated lesion noted measuring 4.4x2.8 cm in the lower end of femur with central blooming. The lesion shows intensive contrast enhancement - S/o Enchondroma.

- IMPRESSION:

ENCHONDROMA IN LOWER END OF FEMUR

HISTOPATHOLOGICAL

- FNAC confirmed the diagnosis

MENTORS

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