

MICOD 15/09/2023

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MI-COD

MSS INDIA- Case Of the Day



43 y/o techie came for HRUS with h/o painful swelling on anterior aspect of left knee

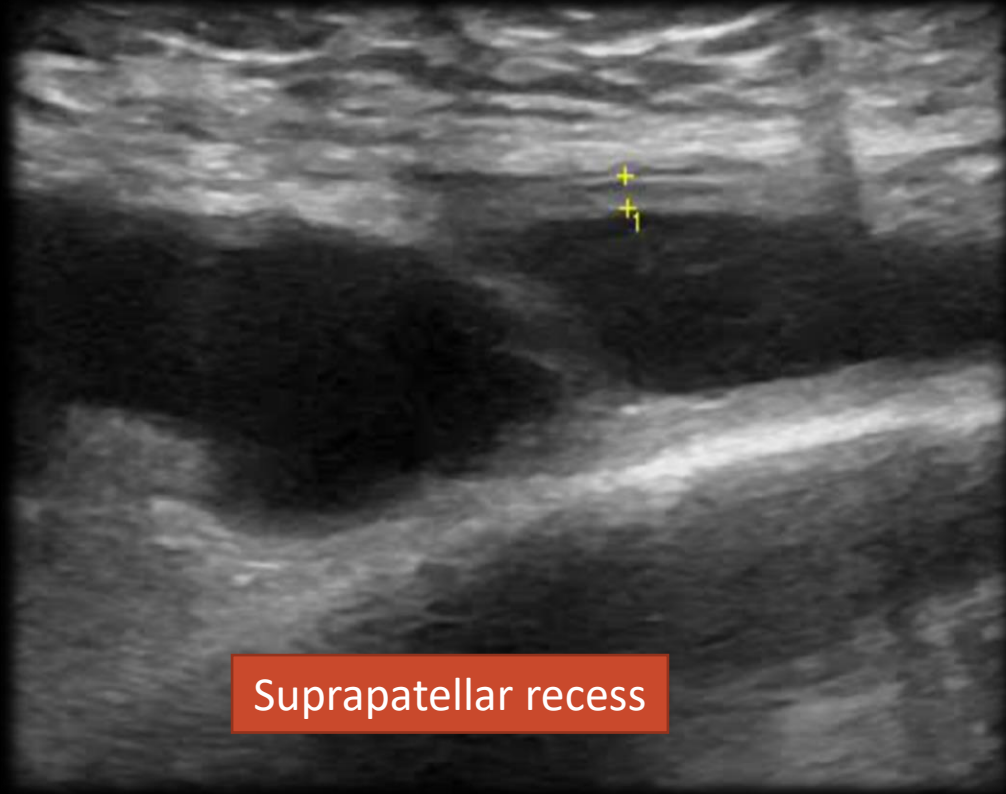
O/E : diffuse anterior knee swelling with severe tenderness.

All lab work was normal

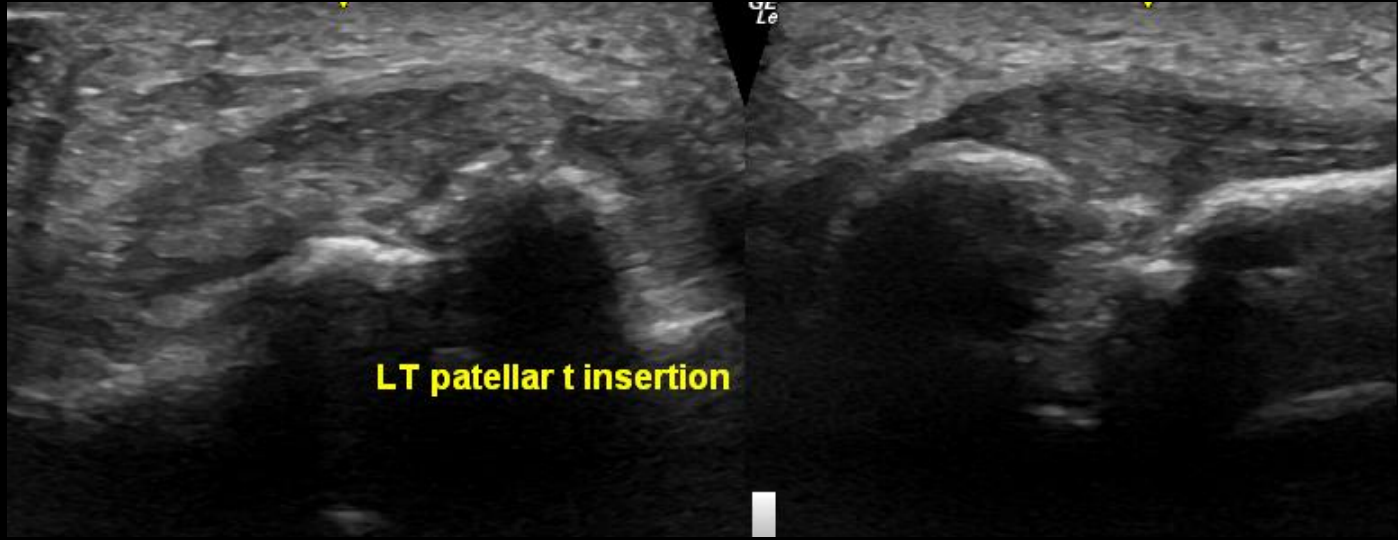
Plain radiographs



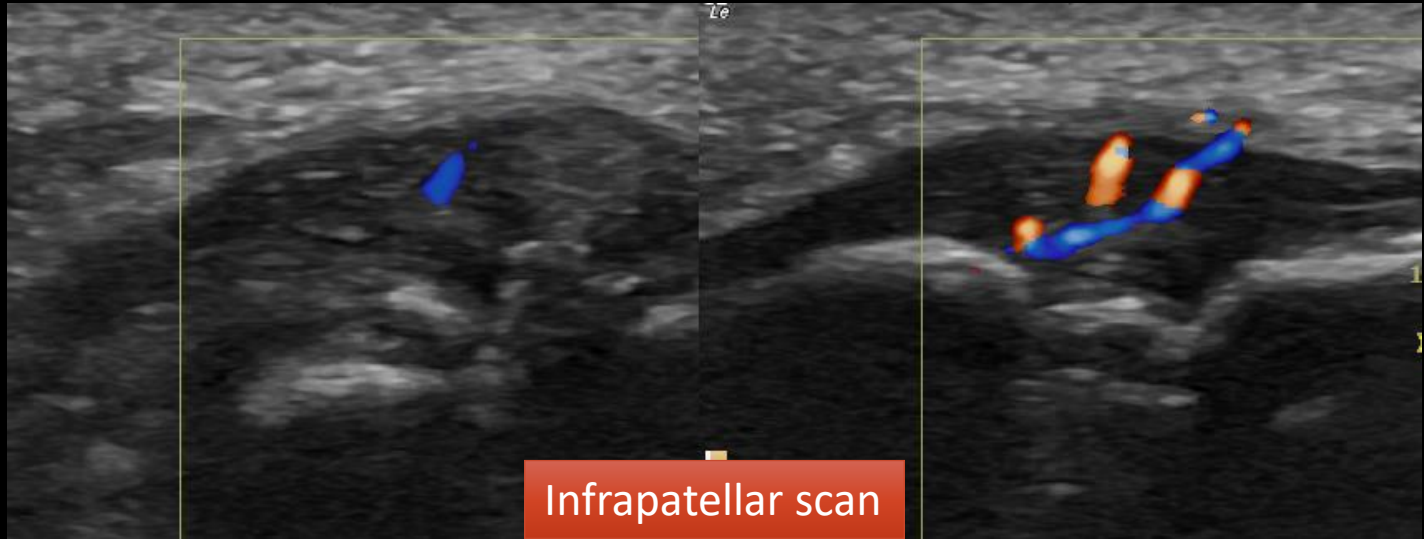
HRUS



Suprapatellar recess

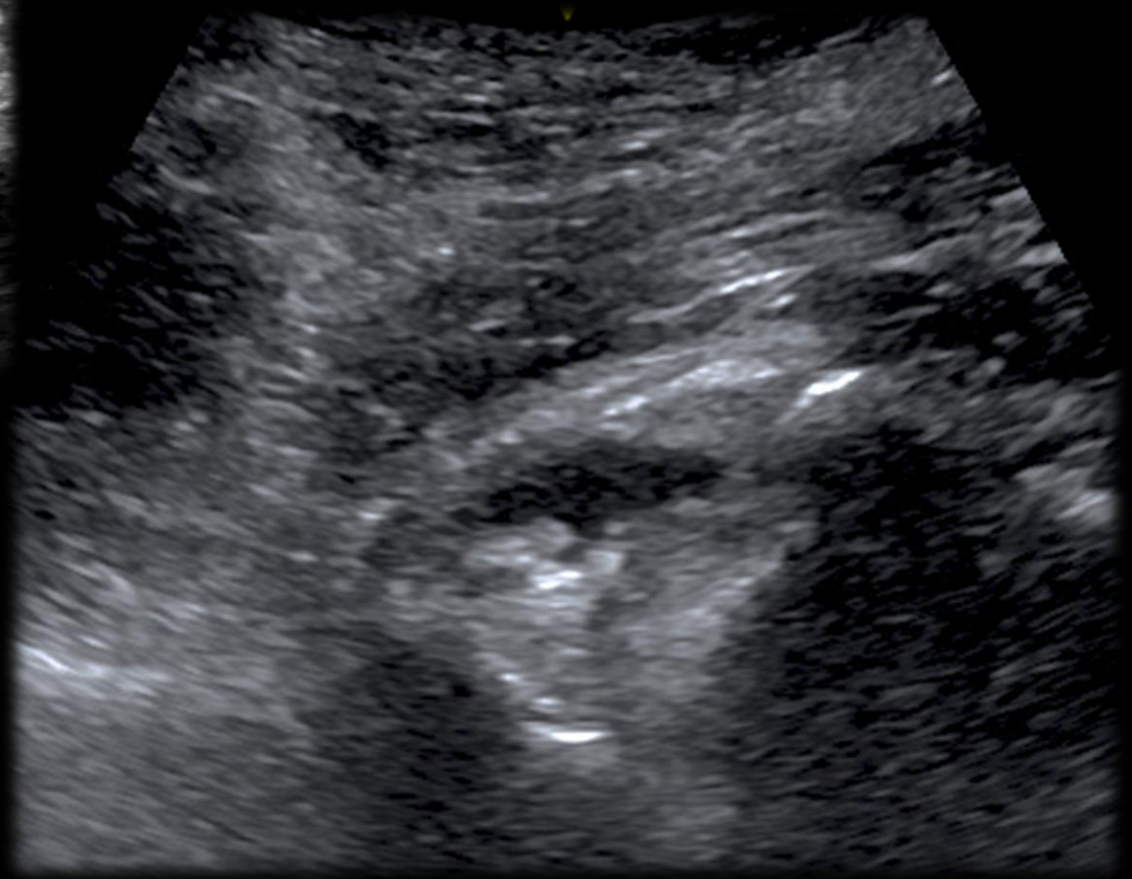
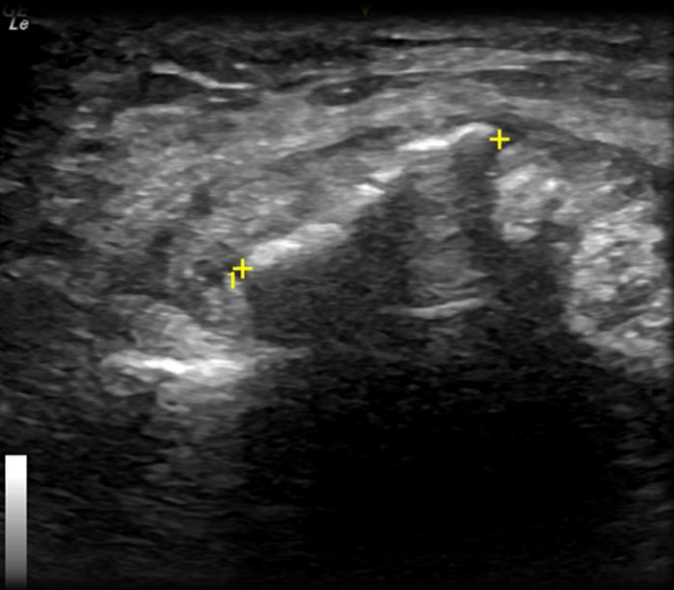
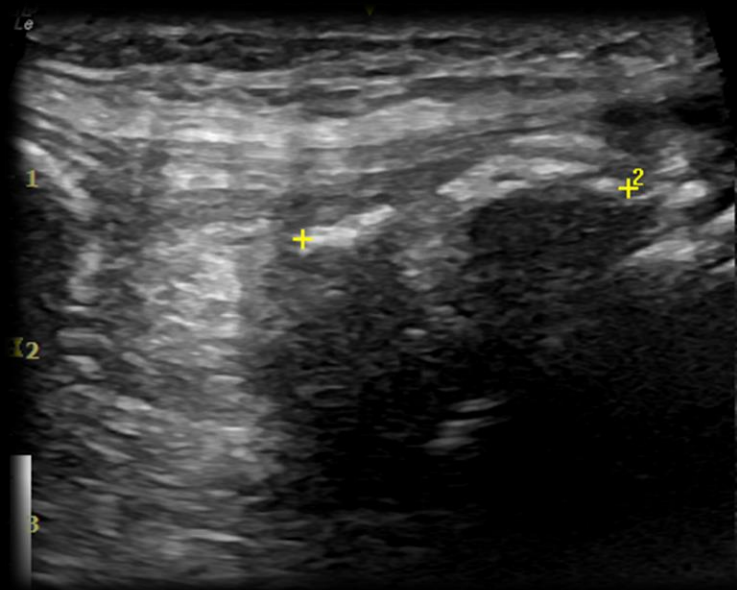


LT patellar t insertion

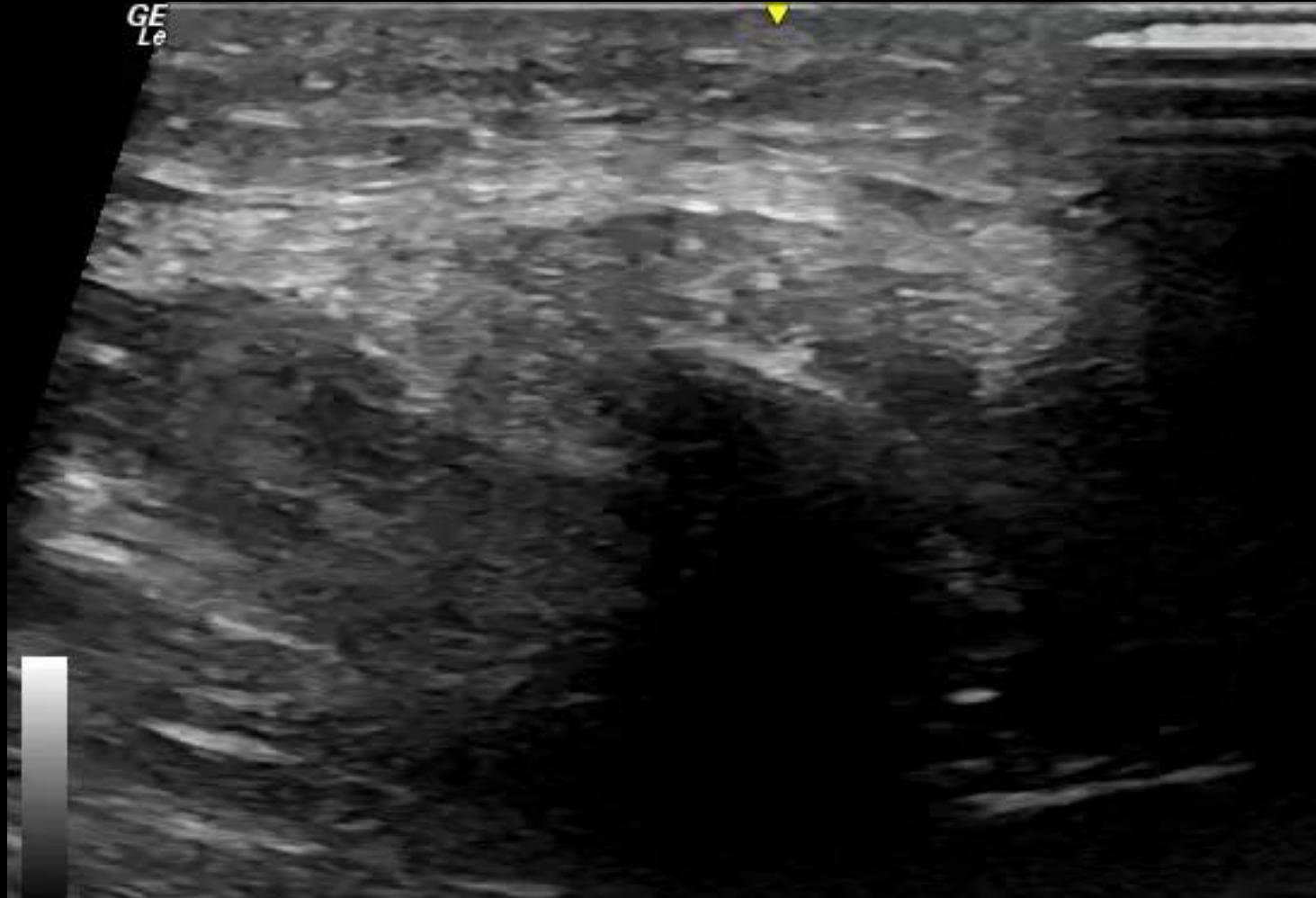


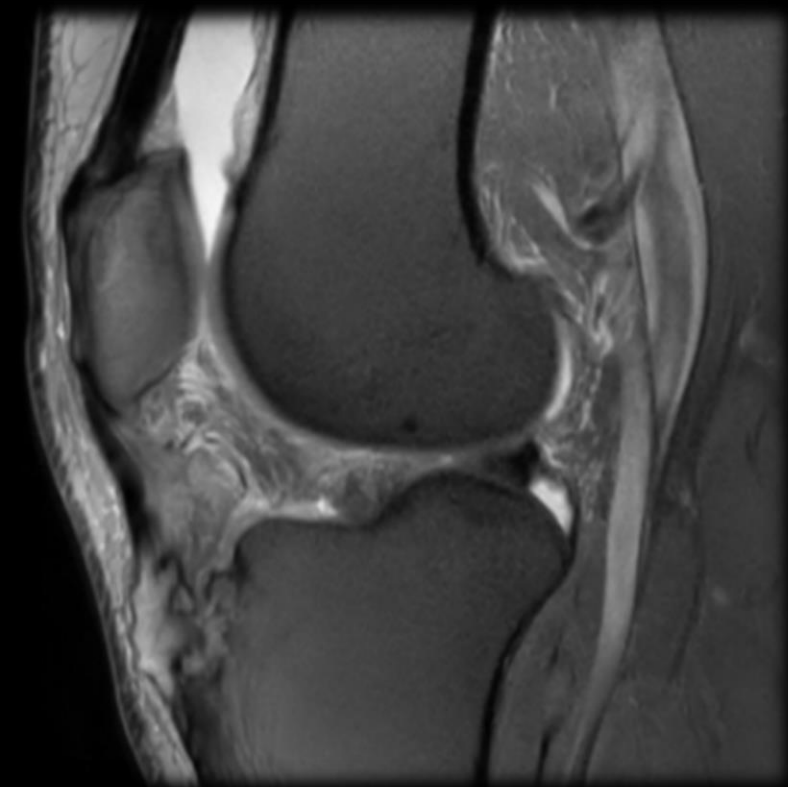
Infrapatellar scan

Hoffa's fat pad

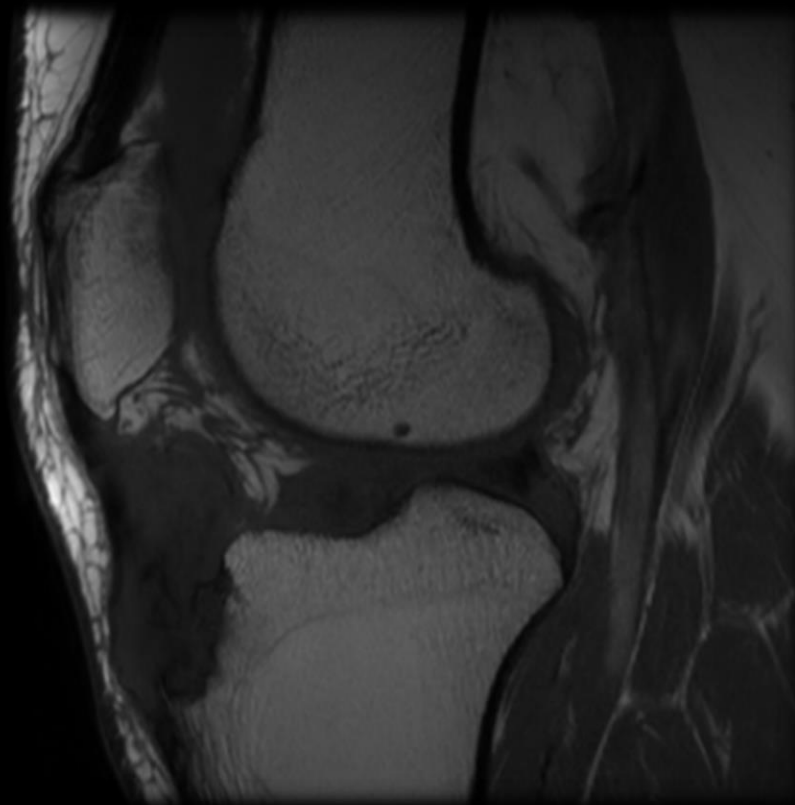


Video loop patellar tendon short axis

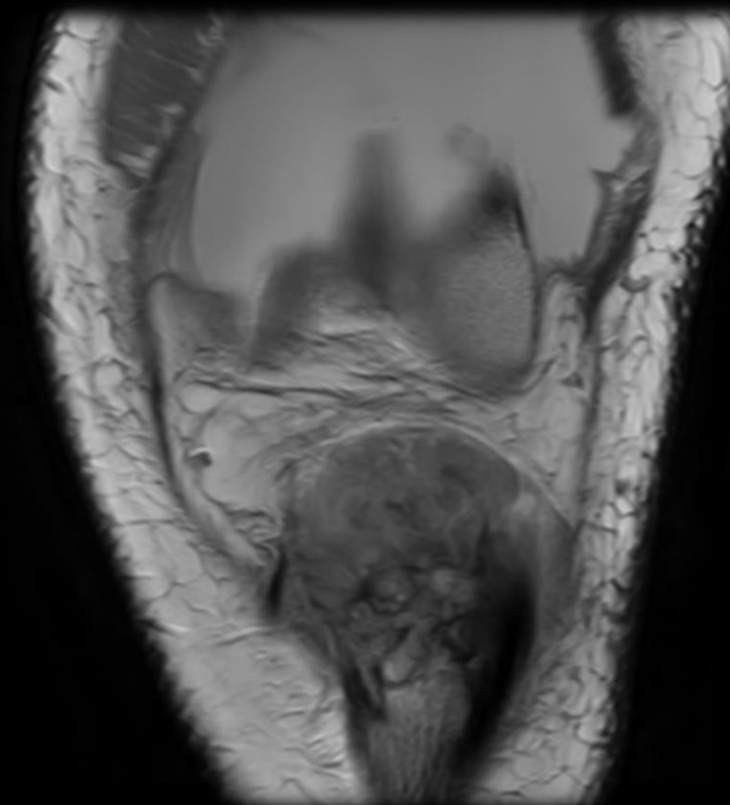




PDFS

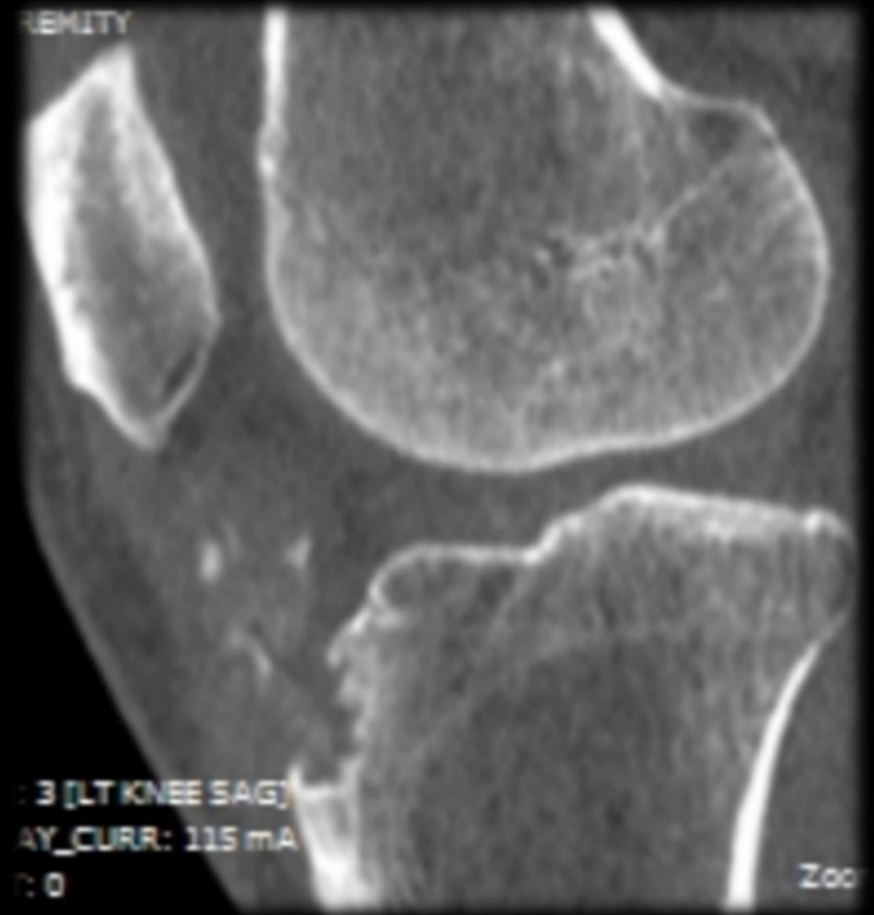
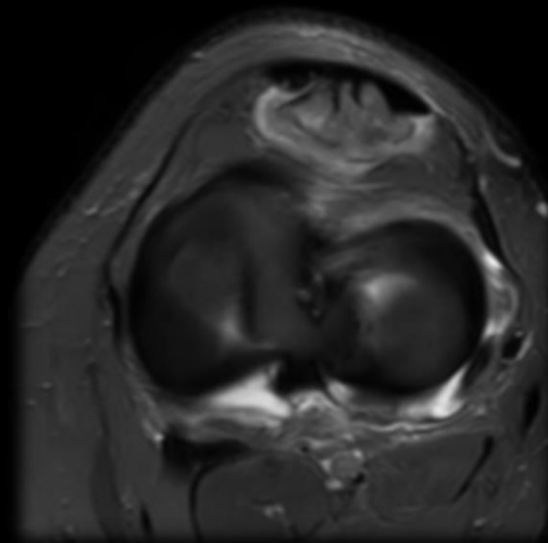
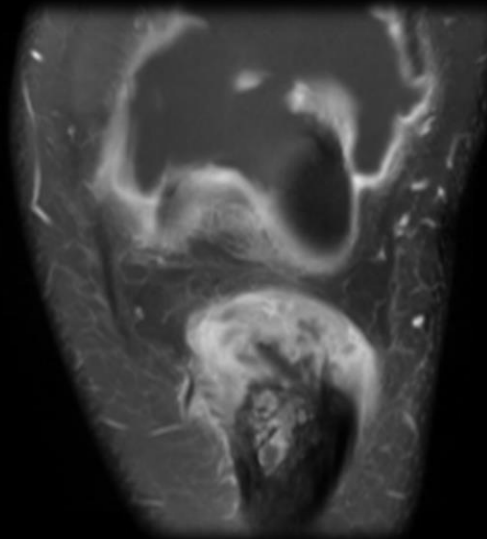
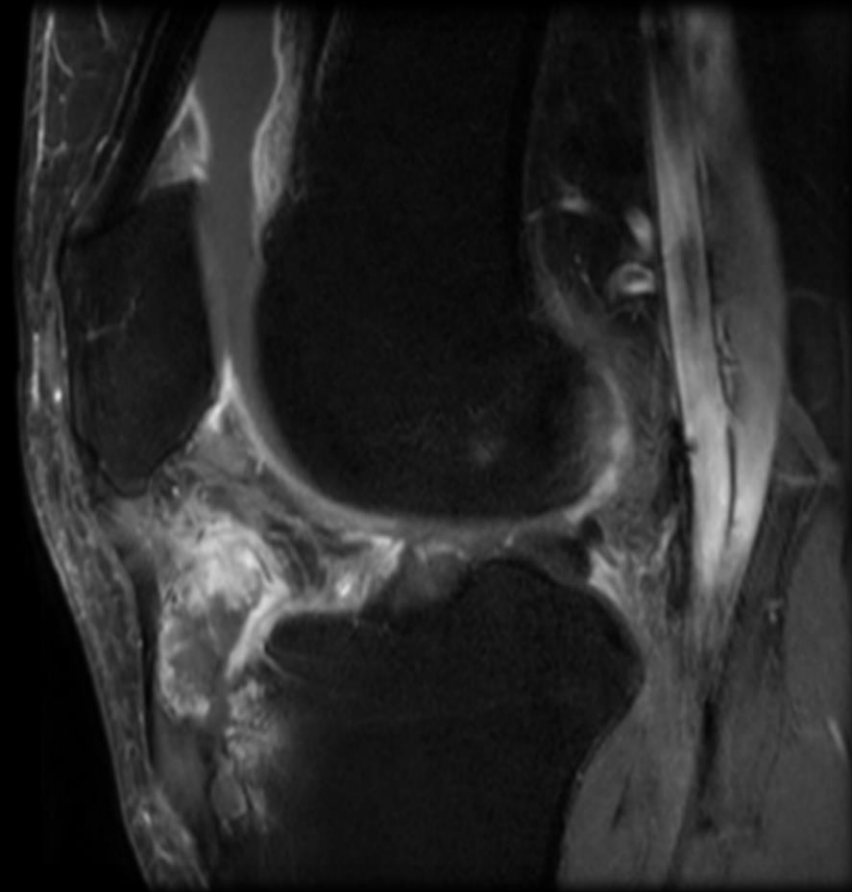


T1W

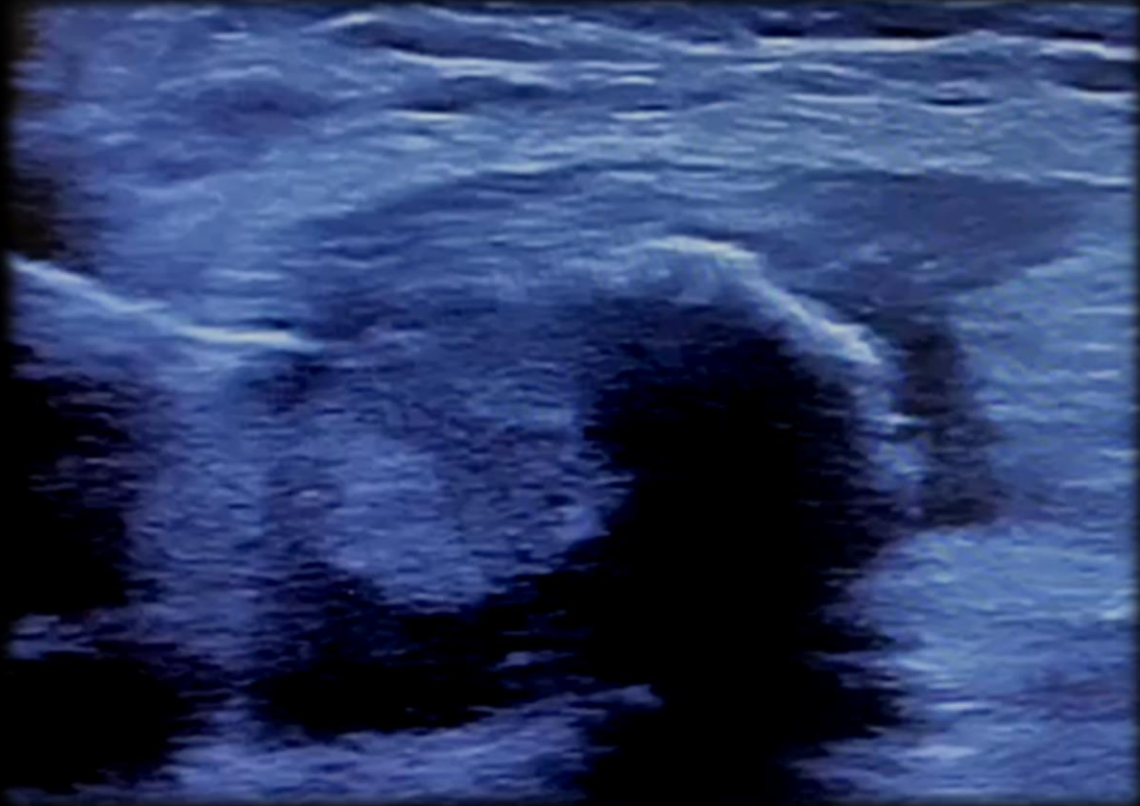


PD COR

Post contrast and CT cuts



USG guided trucut biopsy



Surgical Pathology Report

Clinical History : C/O Focal lesion along dorsal surface of patellar tendon.

Specimen : Patellar tendon lesion USG guided tru cut biopsy for HPE.

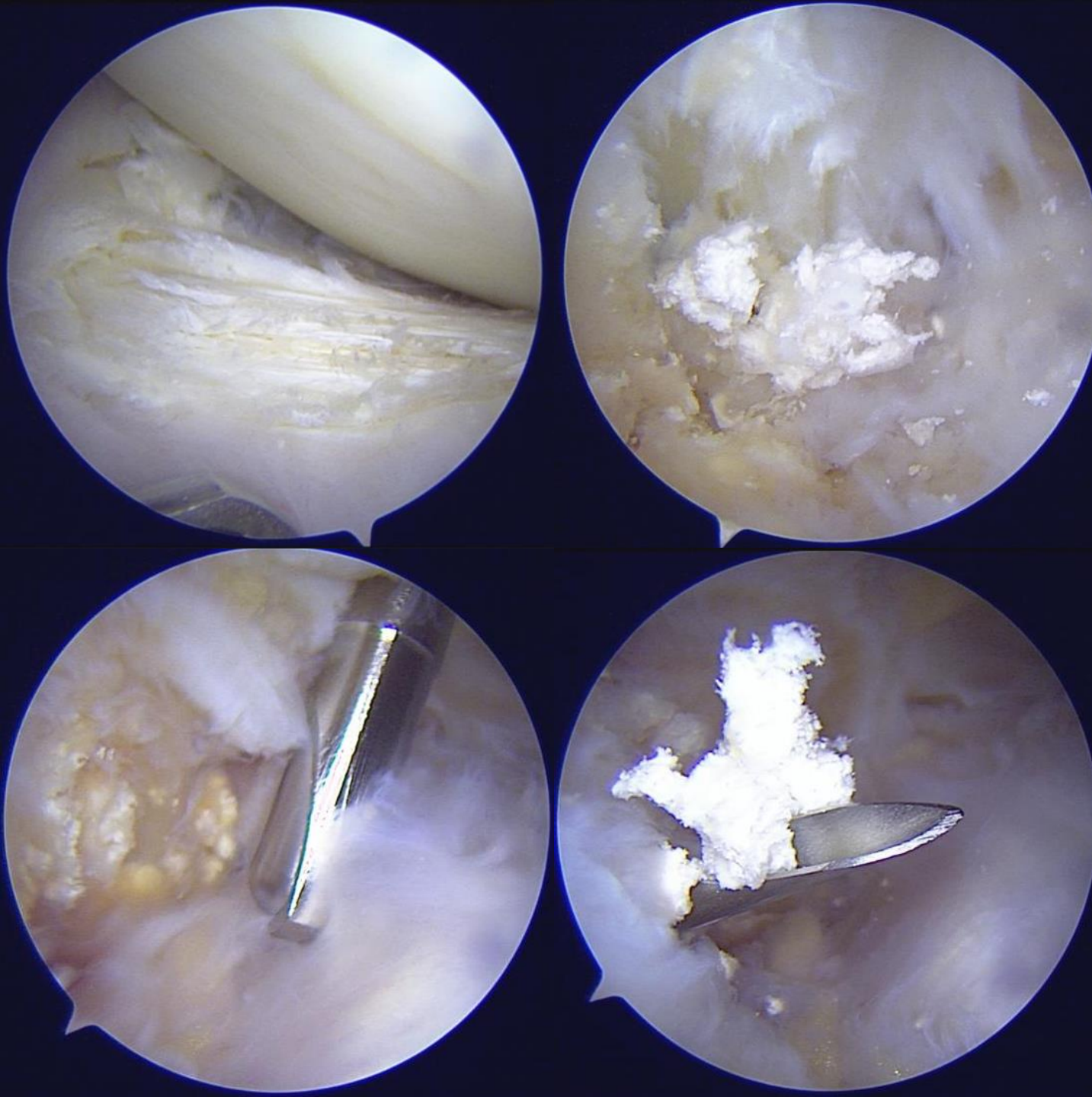
Gross : Received in formalin is a specimen consisting of multiple whitish tissue cores longest measuring 0.5cm. All processed. Blocks (01, 02).

Microscopy : Biopsy cores show collections of amorphous hyaline granular material surrounded by a prominent fibrous and foreign body type giant cell reaction. At places, this material contains multiple sharp needle like crystals. No e/o Koch's or RA or malignancy.

Impression : **Patellar tendon lesion; USG guided tru cut biopsy:**
Gouty tophi with foreign body inflammatory reaction.
No e/o Koch's or RA or malignancy.

Suggested: Clinical and Sr. Uric acid level correlation.

*** End of Report ***



Conservative management
was tried but failed .

Patient underwent
arthroscopic synovectomy
and gouty tophi removal