

Patient Name	: Mr.MANISH	Visit No	: CHA250044430
Age/Gender	: 12 Y/M	Registration ON	: 12/Mar/2025 10:18AM
Lab No	: 10141725	Sample Collected ON	: 12/Mar/2025 10:18AM
Referred By	: Dr.KGMU	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 12/Mar/2025 04:27PM

MRI: RIGHT THIGH

IMAGING SEQUENCES (NCMR)

AXIAL: T1 & TSE T2 Wis. **CORONAL:** T1 & TIRM Wis.

Right femoral shaft (predominantly middle 3rd) is showing subtle altered marrow signal intensity with cortical thickening and sclerosis along postero-medial aspect. No obvious bony destruction is seen. Moderate to large sized periosseous collection is seen in upper, mid and distal part of thigh (measuring approx. 32 (AP) x 44 (TR) x 225 mm (CC) is seen. the collection is involving vastus intermedius muscle. the collection is seen extending overlying subcutaneous plane and skin surface in medial aspect of distal thigh. Small T1/T2 hypointense sclerotic content measuring approx. 24 mm in length and 3.8 mm in thickness is seen within the collection.

Rest of the visualized femur is normal in outline, shape and MR signal intensity. No evidence of avascular necrosis of femoral head. Both hip joints are showing normal articulation and alignment. Visualised pelvic bones are showing normal signal intensity and outline.

Vastus muscles are edematous. Rest of the visualized thigh muscles are displaying normal MR morphology, signal intensity and outline.

Femoral and popliteal neurovascular bundle is normally visualised.

IMPRESSION

- **Subtle altered marrow signal intensity with cortical thickening and sclerosis involving right mid femoral shaft with large periosseous collection as described - ? Osteomyelitis.**

ADV : Histopathological correlation.

Please correlate clinically.

CHARAK

DR. RAVENDRA SINGH
MD

(Transcribed by Rachna)

*** End Of Report ***

