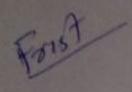
Dr. Shaji's Advanced (1.5 T) MRI Centre

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Name: AMAL PRAKASH

Ref.No: 27549

Age

: 15Years

Date : 31-Oct-16

Address

: ORAVIL,

CALICUT.

Ref. Doctor : MCH

## MRI RIGHT DISTAL THIGH

## Technique:

T1.

- Sagittal.

Sex: Male

IR . T1

- Coronal.

## Observations:

10.5x4.3x4 cm mixed signal lesion seen in distal femur metaphysis and adjacent shaft. Erosion of medial cortex seen with large soft tissue component 7x5.8cm in posteromedial aspect. Subperiosteal soft tissue extension seen. Edema and partial infiltration of vastus medialis muscle fibers. Popliteal vessels are compressed and displaced posteriorly. No significant encasement.

No extension to knee joint.

Screening proximal femur and right hip joint-normal.

Visualised upper tibia and fibula are normal.

## **IMPRESSION**

10.5x4.3x4 cm mixed signal lesion seen in distal femur metaphysis and adjacent shaft. Erosion of medial cortex seen with large soft tissue component 7x5.8cm in posteromedial aspect. Subperiosteal soft tissue extension seen. Edema and partial infiltration of vastus medialis muscle fibers. Popliteal vessels are compressed and displaced posteriorly. No significant encasement.

No extension to knee joint.

Screening proximal femur and right hip joint-normal.

Xray correlation shows osteoid matrix.

Malignant neoplasm most likely osteosarcoma.

JX

Dr. Gopinath MD (RD)