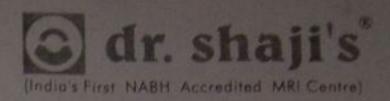
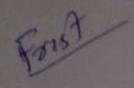
Dr. Shaji's Advanced (1.5 T) MRI Centre

Opp. Super Speciality Block, Medical College P.O., Calicut Ph: 0495 2351553, 9846291111, e-mail: admin@drshajimri.com web: www.drshajimri.com





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**

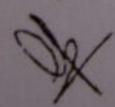
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No extension to knee joint.

Screening proximal femur and right hip joint-normal.

Xray correlation shows osteoid matrix.

Malignant neoplasm most likely osteosarcoma.



Dr. Gopinath MD (RD)



# REGIONAL CANCER CENTRE, THIRUVANANTHAPURAM

P.O. Box 2417, Medical College Campus, Thiruvananthapuram 695 011

## Phonel MAGEOLOGY DIVISION gov.in

Ph:0471-2522228, 2522470, 2522241 email: img@rcctvm.gov.in

Dr. Ramachandran K., MD, DMRD. Professor & HOD

Dr. Venugopal M., DMRE, DNB. Additional Professor

Dr. Jiji V. ,DNB. Associate Professor

Dr. Sumod Mathew Koshy, MD, FRCR. Associate Professor

Dr. Anil Prahladan, DNB, EDIR. Assistant Professor

Dr. Anitha Sen, MD, DMRD, FRCR. Assistant Professor

Dr. Priya A, MD. DNB. Assistant Professor

Dr. Jubie Raj, MD, DMRD. Senior Resident Dr.Jeslean Jose, MD. Senior Resident

Dr.Nikhil G.

Dr. Parvathy Anil Dr. Reshma P.

Dr.Nitya P.

Patient Name: Amal Prakash

Patient ID: 16D665

Approved BY:

DOB/SEX: 20.06.2000 / M

Admission Type: OutPatient

Accession No: 228760

#### Osteosarcoma right femur

## MRI EXTREMITIES of 05.01.2017:

Sequences Studied:

Coronal T1, T2, Post contrast Axial T1, T2, DWI + ADC, Post Contrast Sagittal T1, PD FS, Post Contrast

#### Observations:

Long segment of altered marrow signal intensity (heterogeneously hypointense on T1 and T2 and hyperintense on PDFS) seen involving the distal metadiaphysis of the right femur.

The proximal extent of the tumour is approximately 13 cm from the distal femoral articular surface.

Associated cortical destruction and lobulated soft tissue component seen measuring 14 x 14 cm in the axial plane (maximum dimension).

Patchy restricted diffusion is seen within the mass. After administration of contrast, heterogenous, enhancement is seen.

The lesion is extending to the distal femoral epiphysis. No definite tumour extension into joint cavity. Tumour mass is abutting anterior cruciate ligament at its femoral attachment.

The distal superficial femoral vascular bundle is encased by the mass and is displaced posteriorly.

Popliteal neurovascular bundle is posteriorly displaced and is abutting tumour mass, partially enclosed within lobulations of mass, but fat planes preserved.

Altered signal intensity focus in distal femoral metaphysis separate from the lesion -suppressed on PDFS images -possibly benign-?intraosseous lipoma.

No altered signal intensities in left femur.

#### **IMAGEOLOGY DIVISION**

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Assistant Professor

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Dr. Priya A, MD. DNB.

Assistant Professor

Dr. Jubie Raj, MD, DMRD.

Senior Resident

Dr.Jeslean Jose, MD.

Senior Resident

Dr.Nikhil G.

Dr.Parvathy Anil

Dr.Reshma P.

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Patient Name: Amal Prakash

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Admission Type: OutPatient

Accession No: 228760

#### Conclusion:

K/C/O Osteosarcoma,

Current MR study shows residual lesion in the distal metadiaphysis of right femur with epiphyseal extension. No skip lesions in contralateral femur.

Dr Parvathi

Resident

Report Approved Date & Time:

OCLARO

## REGIONAL CANCER CENTRE THIRUVANANTHAPURAM

9 mal prakash. 1545 160665-Patient Identification

## CHEMOTHERAPY PRESCRIPTION

Diagnosis Osteosalcoma - High grade

Objective: Curative-Palliative

Indication: Pre OP/Pre RT/Concurrent/Adjuvant/Palliative

Treatment Plan: JAP Doginey.

Date of Initiation .....

Consent:

Yes / No

Weight 50 Kg

Drug	Dose	Route	Schedule		

Special Instructions, if any:

Cap. Aprecap 125 mg D, 80 mg 02, 03 7. Emil 44 177 x 5ds

COOP tydram Schedule.

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