







# REGIONAL CANCER CENTRE, THIRUVANANTHAPURAM

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

Phone: **IMAGEOLOGY DIVISION** gov.in

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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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### 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 :



REGIONAL CANCER CENTRE  
THIRUVANANTHAPURAM

Amal Prakash. 15yrs.  
165665.  
Patient Identification

CHEMOTHERAPY PRESCRIPTION

Diagnosis..... Osteosarcoma - High grade.

Objective: Curative-Palliative

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

Treatment Plan: IAP regimen.

Date of Initiation .....

Consent: Yes / No

Drug	Dose	Route	Schedule

Height: 158 Cm

Weight: 50 Kg

Surface Area: 1.5 m<sup>2</sup>

Special Instructions, if any :

Cap. ApreCap 125 mg D<sub>1</sub>  
80 mg D<sub>2</sub>, D<sub>3</sub>

T. Emul 4g 1TT x 5 days

CDOP hydratin Schedule



CYCLE & DOSE ADMINISTRATION

CR No. CTUB004

Name of Patient I

Course No	1/12	2/12	3/12				
Day, month, year	<del>29/11/16</del>	<del>30/11/16</del>	<del>1/12/16</del>		22/12	23/12	24/12
Blood Count	OK	OK	OK		OK	OK	OK
Name of the drug & route	Dose	Dose	Dose	Dose	Dose	Dose	Dose
1 <u>iv</u> : CDDP <u>iv</u>	50mg	50mg	50mg		50	50	50
2 <u>iv</u> : ADR	90mg	-	-		90	X	X
3 <u>iv</u> : HLX <u>iv</u>	1.95g	1.95g	1.95g		1.95g	1.95	1.95
4 infusion							
5 <u>iv</u> : mesna <u>iv</u>	400mg 0, 4, 8h	400mg 0, 4, 8h	400mg 0, 4, 8		400 0-4-8	400 0-4-8	400 0-4-8
6 IVF NS	20	20	20	<del>20</del>	<del>20</del>	<del>20</del>	<del>20</del>
7							
8							
Name & Signature of doctor	<u>B</u>	<u>B</u>	<u>B</u>				
Name & Signature of nurse	<u>Bash</u>	<u>Nige</u>	<u>Yuf</u>		<u>B</u>	<u>Shu</u>	<u>Bash</u>

Course No		III					
Day, month, year	<u>Booked</u> <del>14/11/17</del>	15/11	16/11				
Blood Count	OK	OK	OK				
Name of the drug & route	Dose	Dose	Dose	Dose	Dose	Dose	Dose
1 <u>iv</u> : CDDP	50	50	50				
2 <u>iv</u> : ADR	90mg	X	X				
3 <u>iv</u> : HLX <u>iv</u>	1.95g	1.95g	1.95g				
4 <u>iv</u> : mesna	400 0-4-8	400 0-4-8	400 0-4-8				
6 IVF 20NS	20	20	20				
7							
8							
Name & Signature of doctor	<u>B</u>	<u>B</u>	<u>B</u>				



7500

7349

~~8248~~

# REGIONAL CANCER CENTRE

THIRUVANANTHAPURAM - 695 011

7948

854

## HEMATOLOGY

### DIAGNOSIS

85057

~~93375~~  
~~10325~~  
~~10523~~

Amal Prakash.

160665

Date	Hb gm%	RBC Total /cmm	Platelet /cmm	WBC Total /cmm	Differential Count %					ESR
28.11.16	10.9		322000	10700						
9/12/16	9.1		104000	2100	TeL					
21/12/16						N	L	E	M	
14/12/16	8.3		175000	2300	PL	25	53		12	
15/12	7.8		164000	11600	Ne					Atypical cell = 10
21/12/16	6.6		355000	11500	27.2	16.9	0.0	5.9	0.0	
4/1/17										
30/12/16	6.4		104000	900						TC decreased
4/1/17	8.9		140000	3500						
13/1/17	9.7		518000	7800						
25/1/17	9.0		330000	12800						
23/1	8.0		139000	1300						All parameters ↓ Rpt of med
25/1/17	7.8		71000	9900						
30/1/17	7.5		330000	4500						PL - 330000 /

### BLOOD PICTURE