

**The Department of Radiation Oncology at Kidwai Memorial
Institute of Oncology KMIO, Bangalore**

Radiation Oncology is one of the main specialities in catering services to the patients attending KMIO. More than 8000 patients are being treated annually and about 350 patients are treated per day with Teletherapy and about 2000 patients treated with Brachytherapy. The Department is adequately staffed with consultants, Resident Surgeons, Post Graduate Students and Medical Physicists. It has adequate Teletherapy, Brachytherapy facilities as out lined below. The department actively participates in Multidisciplinary clinics, teaching and research activities at KMIO.

At Kidwai Memorial Institute of Oncology each year 14,000 new patients are registered and approximately 60% of them undergo Radiation therapy. Every day about 300 to 350 patients receive radiotherapy. In the next decade it is projected that the number of new cancer patients is going to double, therefore there is a need to fortify the already inadequate infrastructure and prepare for the current and future needs of the cancer patients.

The future need for Radiation Therapy services will increase as both the numbers of cancer patients and the percent who receive radiation therapy increase. In this regard the institute has made efforts in creating the necessary medical and paramedical training infrastructure to train and create the specially trained necessary manpower and it is also the need of the hour to improve and create the necessary treatment infrastructure to cater to this increasing number of cancer patients.

Being a regional cancer centre, it is also our duty from time to time to update ourselves and provide the state of the art treatment for our patients.

KMIO has adequately skilled and trained radiotherapy staff for each of these machineries like fulltime radiation oncologists, radiation physicists, radiation therapy technologists or radiotherapists, nurses, and support personnel.

I. LIST OF EQUIPMENT AVAILABLE IN THE DEPARTMENT OF RADIATION ONCOLOGY:

RADIOTHERAPY MACHINES AND FACILITIES:

01.	TELEETHERAPY MACHINES:	
	a) Linear Accelerator (Clinac- DHX) –IMRT, 3D CRT & (Clinac- DBX) –	02
	b) Tele Cobalt (Theratron 780-c, Theratron 780-E1, Theratron 780-E2)	03
02.	SIMULATOR (>25YRS OLD DUE FOR DECOMMISSIONING)	01
03.	BRACHYTHERAPY MACHINES HDR – Remote after loading machine (Gammamed with I/c and Implantation facilities,	01

04.	OTHER BRACHYTHERAPY FACILITIES (LDR) MANUAL	
	a) I/C MAL BARC Applicators	04
	b) I/L Applicator	01
	c) Surface Mould Therapy Facilities	02
	d) Ir-192 Implantation facility with Syed – Neblett Templates	01
	e) Sources:	
	i) CS-137 Tubes	01 Set
	ii) CS-137 Needles	01 Set
	iii) Ir-192 Wire	Available
05.	TREATMENT PLANNING SYSTEMS	02
06.	MOULD ROOM	01
07.	CT SCANNERS	01

III. STAFF POSITION (UPTO GROUP – C):

	Sl. No.	Designation
	Name	

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	01. Dr. K.P.R. Pramod	Prof. & HOD & HOU-I
	02. Dr. V. Lokesh	Prof. & HOU-II
	03. Dr. G.V.Giri	Prof. & HOU-II
	04. Dr. Thejaswini B.	Associate Professor.
	05. Dr. Naveen T.	Associate Professor
	06. Dr. Bindhu Joseph	Assistant Professor
	07. Dr. Nanda R.	Assistant Professor
	08. Dr. C.R. Tanvir Pasha	Assistant Professor
	09. Dr. Siddanna R. Palled	Assistant Professor
	10. Dr. K.P. Jagannath	Assistant Professor
	11. Dr. Aradhana Katke	Assistant Professor
	12. Dr. Ravi Kiran B.	Assistant Professor
	13. Dr. Sridhar P.	Asst Professor (ADHOC)
	13. Dr. R. Jayashankar Raju	Senior Radiotherapist

POST GRADUATE STUDENTS:

14.	Dr. Padma M.R.	PG MD - RT
15.	Dr.Raghunandan.R.	PG MD - RT
16.	Dr. Lavanya. G.	PG MD - RT
17.	Dr.Kavitha.K .	PG MD - RT
18.	Dr. Anil Kumar M R	PG MD - RT
19.	Dr.Nikesh. H.	PG MD - RT
20.	Dr. Bindu K V	PG MD - RT
21.	Dr.Shruthi K	PG MD - RT
22.	Dr.Priyadarshini	PG MD - RT
23.	Dr. Sandesh Rao	PG MD - RT
24.	Dr, Jayanth Bharghav	PG DM - RT
25.	Dr, Giriappa G	PG DM - RT

OFFICE STAFF:

24.	Mr. Linge Gowda	Store Clerk-Cum-Typist
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RTT - TECHNICAL STAFF:

25.	Mr. M.S. Nagesh	Chief Radiographer
26.	Mr. G.H. Narasimhaiah	Chief Radiographer
27.	Mr. R. Prabhushankar	Radiographer
28.	Mr. J. Paul Raj	X-ray Technician
29.	Mr. Mohan Das D.	X-ray Technician
30.	Mr. N. Javaraj	X-ray Technician
31.	Mr. C. Kalle Gowda	X-ray Technician
32.	Mr. Gopi Raghunath	X-ray Technician
33.	Mr. R.G. Hegde	X-ray Technician
34.	Mr. Santhana Krishna	X-ray Technician
35.	Mr. Venkataramanappa	X-ray Technician
36.	Mr. Keshavamurthy	X-ray Technician
37.	Mr. Vishwa Kumar D.K.	X-ray Technician
38.	Mr. Bullappanavar Revenappa	X-ray Technician
39.	Mrs. Umadevi	Trainee X-ray Technician
40.	Mrs. Yamunavva	Trainee X-ray Technician
41.	Mr. Aradhya	Trainee X-ray Technician
42.	Mr. J angham Srinivasulu	Trainee X-ray Technician

RT STAFF NURSE - 06

MEDICAL PHYSICISTS - 05

MOULD ROOM TECHNICIAN – 1

LAB TECHNICIANS - 2

IV. TYPES OF SERVICES AVAILABLE IN THE DEPARTMENT OF RADIATION

ONCOLOGY:

- a) In patient facility; Hospital has a male ward 21 beds and a female ward 81 beds for the department of Radiation Oncology. In addition to Special Wards, Emergency wards and Day care treatment facility.

STATISTICS OF DEPARTMENT OF RADIATION ONCOLOGY
JANUARY 2008 TO DECEMBER 2010