



Centre for Nuclear Medicine



- ✓ PET - CT Scans
- ✓ SPECT Scan
- ✓ Radionuclide Therapy

Contact Us 



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On 14th June 2024, Dr. Sudeep Gupta, Director – TATA Memorial Centre, inaugurated 'Nuclear Medical Centre' for cancer diagnosis and treatment in a grand ceremony at B. K. L. Walwalakar Hospital and Medical College; Srishetra – Dervan. On this occasion, Ms. Riddhi Bhatia, Mr. Yogesh Karmarkar, representatives of Kotak Mahindra Bank, who has given huge financial support to this centre; Ms. Chitra and Ms. Hemadri Buzruk of Rama- Purushottam Trust, Officers of Nana Palkar Trust, Dr. Shripad Banavali, Director (Academic), Tata Memorial Centre, Mumbai; Executive Trustee of Vitthalrao Joshi Charities Trust Shri. Vikasrao Walawalkar and Chief Trustee, Shri. Ashokrao Joshi, Medical Director of Dervan Hospital Dr. Suvarna Patil, Dean of, B.K.L. Walawalkar



Medical College Dr. Mansingh Ghatage, Dr. Rita Mulherkar, and much more dignitaries, faculty, staff, students and locals were present. Chief Guest Dr. Sudeep Gupta and his wife Dr. Sumedha Gupta, including the guests of honor, had reached Dervan the evening before. All of them were given a tour of the medical college, and in the college's conference hall, Dr. Suvarna Patil gave an elaborate presentation to the guests about the philanthropic work that the Trust undertakes in a

variety of fields. Each guest took an interested look around the hospital. The "Nuclear Medicine Centre," which is 6500 square feet in size and features PET and SPECT facilities in addition to high and low doses of nuclide therapy, is being inaugurated today; in a recently built multi-storey structure. Every structure, including walls, floors, and ceilings, etc. are 230 mm, as advised by the AERB, made of substantial reinforced concrete. 6.10 X 7.5 m for SPECT and PET imaging. Size rooms have been built with a separate electrical room, radio pharmacy, dose administration room, waiting area, safe radioactive waste storage system, and separate room for radioactive material storage. Attached labs are also included. Here, the heart's muscle strength is also assessed through a "stress test." A separate room has been set up for patients receiving high dose therapy. According to AERB standards, two 6000-liter tanks are constructed for contaminated miles. The people of Konkan will be benefitted from PET-CT ScanF-18, FDGF-18, PSMAF-18, Cardiac Viability, and SPECT Scan for Renal, Cardiac, Liver, Bone, Thyroid, GE Reflux, Lung Perfusion scan, Iodine therapy for thyroid disorders etc.

MBBS Students Visit to Centre for Nuclear Medicine



List of Test

Sr. No.	Test name	OPD/ IPD		Indication
1	F-18 FDG PET CT (CECT)	OPD		Benign & Malignant tumors
2	F-18 FDG PET CT (NCCT)	OPD		Benign & Malignant tumors with elevated serum creatinine, sarcoma, lymphoma
3	Cardiac FDG PET CT:	OPD		viability
4	F-18 DOPA PET CT	OPD		Brain tumors, epilepsy ,etc
5	PSMA PET CT	OPD		Ca prostate
6	SSR PET CT	OPD		NET
7	Myocardial perfusion imaging (MPI)-MIBI scan	OPD		Viability
	Rest	OPD		
	Stress			
8	Pertechnetate Thyroid scintigraphy	OPD		Graves disease & Thyroiditis
9	Bone scintigraphy	OPD		Benign & Malignancy, cellulitis, osteomyelitis
10	Three Phase bone scan			
11	Parathyroid scintigraphy	OPD		Adenoma, Hyperplasia
12	DTPA scan	OPD		Obstructive Uropathy
13	DMSA scan	OPD		Infections, Absolute Function
14	EC scan	OPD		MRD, Renal Failure
15	Lung Perfusion	OPD		Pulmonary embolism
16	Radioiodine scan	OPD		Post Thyroidectomy
17	m-IBG Scan	OPD		Pheochromocytoma and neuroblastomas.
Therapy Procedures				
18	Radioiodine therapy (Low dose 10 mci)	OPD		Grave's disease
	(Low dose 15 mci)	OPD		Grave's disease
19	Radioiodine therapy (High Dose)	50 mCi	Indoor stay	Papillary Carcinoma
		100 mCi	Indoor stay	Papillary Carcinoma with nodal mets
		150 mCi	Indoor stay	Papillary Carcinoma with lung mets Follicular carcinoma
		200 mCi	Indoor stay	
		250 mCi	Indoor stay	
20	PRRT(Lu-177) DOTA TATE therapy	100 mCi	Day care	CRPC
		200 mCi	Day care	-
	PRRT(Lu-177) PSMA therapy	100 mCi	Day care	Ca prostate
		200 mCi	Day care	-
21	m-IBG therapy	100 mCi	Indoor stay	pheochromocytoma and neuroblastomas.