

BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY

MEDICAL COLLEGE, PUNE

BHARATI HOSPITAL & RESEARCH CENTRE, PUNE

DEPARTMENT OF RADIO DIAGNOSIS AND IMAGING

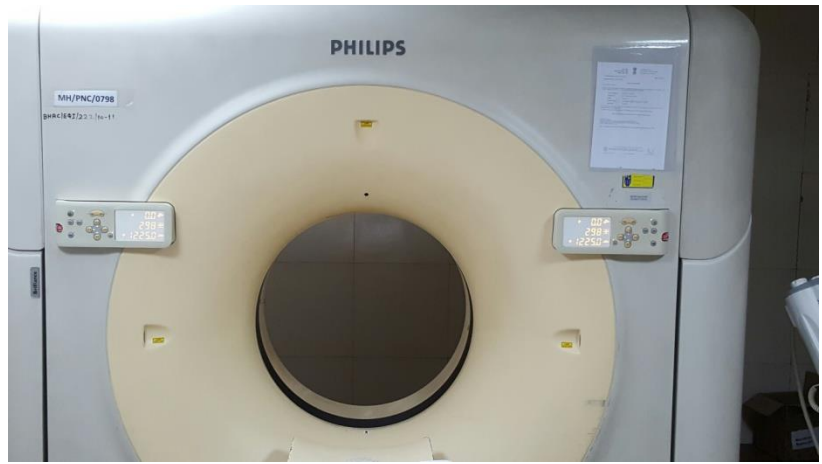


Facilities and Equipment:

The Department of Radio Diagnosis and Imaging of Bharati Medical College and Hospital is a state of the art facility. It was founded in the year 1991.

It has following equipments:

1.5 Tesla Philips AchievaMRI
Special Investigations Include:
MR Spectroscopy
Fetal MRI
MRCP
Diffuse Tensor Imaging
Cartilage Mapping



16 SLICE PHILIPS BRILLIANCE CT SCAN

Special Investigations Offered:

- 1. CT Angiography (Brain, Pulmonary, Abdominal, Peripheral)**
- 2. CT Cisternography.**
- 3. CT Guided Biopsy.**
- 4. 3D Reconstruction of CT images.**



CT and MRI Console Room with workstations:



**TWO DIGITAL FLUOROSCOPY SUITES
with top of the line Flexavision
Shimadzu:**



**BET Medicals DIGITAL Mammography
equipment:**



4 Radiography Suites are available in the department with top of the line Konica Minolta Aero Digital Radiography (DR) X-70. Along with in house portable X-ray units available in ICU and HDU.



Konica Minolta Digital CR Equipment and Reporting Stations:



Eight USG Suites including top of the line GE Voluson E6, Philips IU -22 and Philips Affinity 70 Equipment. In addition there are in house Sonography units in ICU, HDU and Labour Room.

Philips AFFINITY – 70



GE Voluson E6



Philips IU-22



Special Features Include:

- 1. 3D, 4D and Doppler Imaging.**
- 2. Elastography.**
- 3. USG Guided Bopsies.**

The department has work load of around 125 diagnostic X – rays, 100 Ultrasounds, 15 CT scans, 15 MRI scans, 5 Mammography studies, 1 DSA, 5 CT/USG Guided FNACs and 10color Doppler per day.

The department caters to in house patients and out door patients referred from the OPDs & doctors from near by localities and surrounding villages.

Residency Programme Information:



Dr. Priscilla Joshi, Professor and Head Of Department.

The residency training programme in Radiology of Bharati Medical College Pune was introduced in 2003 and is a three year course for M.D postgraduates and two years for DMRD with rotations in various modalities. The residency program includes six M.D. residents and two DMRD residents currently.

Fellowships offered by the department include Pediatric radiology, Body Imaging, Diagnostic Neuroradiology, Musculoskeletal imaging and Critical care imaging.

Programme structure:

Our programme is designed to provide an organized educational experience with exposure to current imaging modalities.

The PG residents rotate themselves in various modalities and also have seminars, tutorials, journal club and film reading sessions. They are encouraged to attend and participate in the various City, State and National level CMEs.

Faculty:

We have a fully staffed academic radiology department composed of trained specialists in all areas including neuro radiology, musculoskeletal and body imaging, pediatric radiology and thoracic imaging. The staff of six professors, four associate professors, two assistant professors and six senior residents is highly committed to the ongoing education of the residents, and they take great pride in their congenial working relationships with the residents. Our faculty members also serve as mentors to the residents as they progress through their residency and are involved in research projects being pursued by the post graduates. Regular guest lectures by visiting professors and experts are arranged for the benefit of PGs and faculty members.



Conferences:

The department is actively involved in organizing CMEs/conferences.

The Conferences/CMEs organized by the department in the year 2015-16 included:

01/03/2015	CME on Cardio-Vascular Imaging	Auditorium, BharatiVidyapeeth medical college, Pune.
03/03/2015	Pre RESCON Workshop	Bharati Hospital, Pune.
26/07/2015	Bharati Radiology Resident's Course – CME on CNS – Brain Imaging	Auditorium, BharatiVidyapeeth medical college, Pune
Bharati Radiology Resident's course (Part II) on Chest imaging on 22November 2015	Bharati Radiology Resident's course (Part II) on Chest imaging on 22November 2015	Bharati Radiology Resident's course (Part II) on Chest imaging on 22November 2015
09/03/2016 – 10/03/2016	Pre RESCON workshop	Auditorium, BharatiVidyapeeth medical college, Pune

08/09/2017	PG Alumni meet	Auditorium, BharatiVidyapeeth medical college, Pune
09/09/2017 – 10/09/2017	XV Annual National Conference Indian Society of Pediatric Radiology	Sheraton Grand Hotel, Raja Bahadur Mill Road, Pune.
8/11/2017	International Day Of Radiology Quiz	Auditorium, BharatiVidyapeeth medical college, Pune
24/2/2018	RADPRACT IV	Conference hall, Bharati hospital, Pune
09/03/2018 and 10 March 2018	Fetal Medicine Update with workshop	Workshop in 4 th floor conference hall Bharati Hospital on 08 March 2018 Conference in ground floor Auditorium, Bharati Vidyapeeth (DTU)medical college, Pune
05/09/2018	Teacher's Day Felicitatation of teachers and interinstitute PG Quiz.	Auditorium, Bharati Vidyapeeth medical college, Pune

Radiologists of Bharati Origin Alumni Meet 08 Sept 2017



HONOURS/AWARDS/PRIZES DEPARTMENT OF RADIODIAGNOSIS AND IMAGING (2017)

ISPR CONFERENCE 2017 ORGANISED BY BHARATI VIDYAPEETH (DTU) MEDICAL COLLEGE PUNE



M.V.K. SHETTY ENDOWMENT ORATION AWARD

FIRST PRIZE QUIZ AT ISPR IN 2017



ISPR CONFERENCE IN 2017



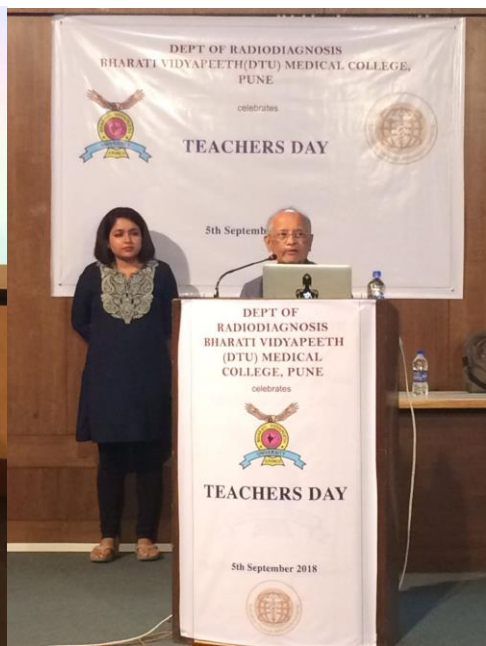
Conferences and CME and workshop (2017-18)



INTERNATIONAL DAY OF RADIOLOGY INTER-INSTITUTE PG QUIZ



Teacher's Day – Felicitation of Teachers and interinstitute PG Quiz



Resources:

Text books, journals and teaching CDS/ DVDs are available for use in the departmental libraries. Residents also use the college book and digital library.

Residents have access to computers, internet and LCD projector for learning and teaching. The department has well stocked film library available for the benefit of the post graduate residents.

Research:

Residents are encouraged to become involved in research and it is mandatory for the third year residents to present a paper at the National Conference. Residents are also encouraged to present posters.

PUBLICATIONS FROM THE DEPARTMENT INCLUDE:

a) ARTICLES PUBLISHED -

1. Mahajan M, Kuber R, Chaudhari KR, Chaudhari P, Ghadge P, Naik R. MR Imaging of carcinoma cervix. Indian Journal of Radiology and Imaging 2013; 23(3): 247-52
2. Chaudhuri S, Joshi P, Goel M. Role of MRI in evaluation of traumatic knee injuries. Journal of evolution of medical and dental science. 2013; 2(7): 765-71
3. Kazi AZ, Joshi P, Kelkar AB, Mahajan M, Ghawate AS. MRI evaluation of pathologies affecting the corpus callosum - A pictorial essay. Indian Journal of Radiology and Imaging. 2013; 23(4): 321-32
4. Chaudhuri S, Joshi P, Goel M. MSCT detection and evaluation of lesions of paranasal sinuses. Lambert Academic Publishing, May 2013
5. SudhirNavale, Priyanka C Saokar. Radiographic correlative study of ponticulusposticus in dental patients. Indian Journal of Applied Research; May 2014; 4 (5); 503-05.
6. SudhirNavale, Priyanka C Saokar. The comparative study of size of sellaturcica in different skeletal types in local population- An in vitro study. Indian Journal of Applied Research; Oct. 2014; 4 (10); 160-2.
7. SaurabhChaudhuri, Priscilla Joshi, WasimSiddiqui, AnishChaudhuri; Role of Renal Resistive Index as a Marker for Evaluation of Chronic Kidney Diseases in Screened 100 Patients; Indian Journal of Applied Research (IJAR) 2015; 5(4): 471-72

8. Mahajan MS, Moorthy S, Karumathil SP, Rajeshkannan R, Pothera R; Hilarcholangiocarcinoma: Cross sectional evaluation of disease spectrum. Indian Journal of Radiology and Imaging (IJRI) 2015; 25(2):184-92.
9. SaurabhChaudhuri, Priscilla Joshi, RuchirJyani, WasimSiddhique. Research Paper: Role of Venous Doppler Ultrasound in Evaluation of Lower Limb Venous Pathologies in 100 Patients. Indian Journal of Applied Research (IJAR). 2015; 7: 718-720
10. Anand Reddy, John Dsouza, Priscilla Joshi. Research Paper: Evaluation of Anatomical Variants of Paranasal Sinuses on HRCT with Assessment of Their Clinical Importance. Indian Journal of Applied Research (IJAR). 2016; 6(4): 442-445
11. Rathee S, Joshi P, Kelkar A, Seth N. Fetal MRI: A pictorial essay. Indian J Radiology Imaging 2016;26:52-62
12. Dr. Prathamesh Bongale, Dr. Priscilla Joshi, Dr. Abhimanyu Kelkar Imaging evaluation of Lisfranc ligament injury in non-athletes without fracture-dislocation: A Case report. Indian Journal of Applied Research (IJAR), 2015; Vol. 5 (5); 19-20.
13. Alok Kale, Priscilla Joshi, A.B.Kelkar. Restricted diffusion in the corpus callosum: A neuroradiological marker in hypoxic –ischemic encephalopathy. Indian Journal of Radiology and Imaging. October- December 2017; 4 (26) 487-492
14. MangalMahajan, SrikantMoorthy, SreekumarP.Karumathi, R. Rajeshkannan, RamchandraPothera: CT evaluation of disease pattern in Hilarcholangiocarcinoma. International Journal of Radiology and Radiation Therapy. 2017; 2(2):1-8
15. Malshe N, Joshi P, Ranchhod LA, Tapryal N, Sharma J. Kidney length in healthy term neonates. Asian Journal of Pediatric Nephrology. 2018 Jan 1;1(1):8.
16. Ramya AS. Dr. Mangal Mahajan Measurement of cervical length using ultrasonography in predicting preterm labour. indian journal of applied research. 2018 Aug 29;8(8).

b) CHAPTERS IN TEXTBOOKS PUBLISHED –

1. Dr. Priscilla Joshi Chapter on Imaging evaluation of the pituitary gland and child with precocious puberty: 'Selected topics from pediatric radiology': Page 803 - 832: ISBN number: 978-93-86673-85-5.
2. Dr. Priscilla Joshi, Ultrasonography and Magnetic Resonance Urography of the kidneys, Ureters and Bladder : 'Practical Procedures In Pediatric Nephrology' : Page 89 – 115: ISBN number: 978-93-86322-77-7.

Awards:

NAME	CONFERENCE	PRIZE
Dr.Ruchita Shah	Ultrafest 2016	3rd Prize (Poster)
Dr.NiveditaDivekar	Rescon 2016	2nd Prize (Paper)
Dr. Amish Qazi	IRIA 2014	Best Paper Award
Dr.Dinika Sharma	ISPR 2017	1st prize(Poster)
Dr. Nikhil Kulthe	ISPR 2017	1st prize(Quiz)
Dr.AishvaryaVasishta	ISPR 2017	1st prize(Quiz)

