

# RADIODIAGNOSIS

## Faculty

Designation	Number	Names
<b>Professors</b>	02	Dr Lamghare P. K. ( HOD) Dr Pawar S S
<b>Associate Professors</b>	03	Dr Umap RA Dr Bagle SR Dr Hatgaonkar AM
<b>Associate Professors (Contract Basis)</b>	01	Dr Rahalkar MA
<b>Associate Professor (Honorary)</b>	01	Dr Patil SS
<b>Assistant Professors</b>	09	Dr Kokane PV Dr Kadam SS Dr Harish G Dr Deshpande PR Dr Chavan RG Dr Khisti R S Dr Sarbhai PM
<b>Senior residents</b>	06	
<b>Junior residents</b>	24	

## UNITS and weekly cycles :

Not applicable

## Services Available

- Conventional X -Rays
- Computed Radiography
- Specialized Radiological Procedures like Barium Studies, IVP, HSG, etc

- Ultrasonography and Specialized ultrasonographic investigations like Color Doppler etc.
- Interventional Radiological Procedures like image guided biopsy , drainage procedures etc.
- CT and CT guided procedures
- MRI and Specialized MRI investigations like MRCP. MR Urography Arthrography etc.
- Mammography

### **Equipments available**

Sr.No		Name
<b>I</b>	<b>MRI</b>	1.5 Tesla MRI Machine HDXT Signa from Wipro GE
<b>II</b>	<b>CT-Scan</b>	128 Slice CT scanner Somatom Definition AS+Configure from Seimens
<b>III</b>	<b>Colour Doppler UltraSound &amp;</b>	Wipro GE 1) Logic 3 Expert 2) Philips HDX E -11 3) Toshiba Ecocee 4) Toshiba Core Visoin
<b>IV</b>	<b>Mammography</b>	Mam4035 from Allengers
<b>V</b>	<b>X-Ray Machines Fixed</b>	Allengers 1) 500 mA IITV 2) 300 mA Meditronics 3) 500mA Siemens 4) 500mA Siemens 5) 300 mA Siemens

<b>VI</b>	<b>Mobile X-Ray Machines</b>	1) Adonis 100mA 2) Dignox 100mA 3) Dignox 100mA 4) Genius 60mA 5) Adonis 100mA 6) Adonis 7) Genuis 60 8) Medrotronics-60 mA
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### **Yearly Workload**

Sr.	Type	Year 2015 (Upto November 2015)	Year 2014	Year 2013
<b>a)</b>	Conventional Radiographs	114787	118160	110138
<b>b)</b>	Special investigations	2402	2664	1998
<b>c)</b>	USG examinations	46618	47280	44376
<b>d)</b>	CT scans	13309	13551	10535
<b>e)</b>	MRI scans	3849	2359	2576

### **Research:**

- Dr.S.S.Pawar,Dr.V.J. Sharma,Dr.Ibrahim A. --CT evaluation of traumatic head injury (under Process)
- Dr.Anand Hatgaonkar -Publications : Multi detector CT evaluation of Congenital Pulmonary Venolobar Syndrome: Scimitar Syndrome with Pulmonary Arterio-Venous Fistula.IJSS-CR,October 2015/Volume 2/Issue 5,43-47
- Dr.Vijay Sharma --CT evaluation of traumatic head injury (under Process)
- Dr.R.G.Chavan--Safety and performance of the Penumbra Liberty Stent system in a rabbit aneurysm model. JNIS 2015:7:266-271

### Completed research Projects

Sr. No.	Research Title	Student Name	Guide Name
1.	M.R.I. evaluation of intracranial complications of tuberculosis.	Dr. Makasare K.	Dr. Lamghare P.K.
2.	Spectrum of abdominal ultrasonographic findings in P.L.H.I.V. patients.	Dr. Mankeshwar T. K.	Dr. Rahalkar M. A.
3.	Ultrasonographic evaluation of post-operative inguino-scrotal pain.	Dr. Syed M.	Dr. Patil S. S.
4.	Comparative study of CT and MRI findings in extra-pulmonary tuberculosis.	Dr. Patil A.	Dr. Patil S. S.
5.	Role of High Resolution Computed Tomography in diffuse lung diseases.	Dr. Chavan A. D.	Dr. Pawar S. S.
6.	A comparative study of intracranial manifestations by CT and MRI in P.L.H.I.V. and its co-infections.	Dr. Bikash Parida	Dr. Pawar S. S.

### Ongoing research

Sr. No.	Research Title	Student Name	Guide Name
1.	CT coronary angiography findings in asymptomatic high risk patients, post coronary artery bypass grafting and post angioplasty patients.	Dr. Patil M.	Dr. Umap R. A.
2.	MDCT evaluation of neck masses in adult patients.	Dr. Agarwal V.	Dr. Bagle S.R
3.	Evaluation of benign and malignant vertebral compression fractures with DWI MRI.	Dr. Shendey S.	Dr. Patil S.S

4.	Evaluation of thyroid masses on USG and Doppler with FNAC correlation.	Dr. Raul S.	Dr. Rahalkar M.A
5.	Comparative study of USG, Doppler and CT in cases of renal mass.	Dr. Meshram S.	Dr. Patil S. S
6.	Role of high resolution computed tomography in middle ear and temporal bone pathologies.	Dr. Chindhalore A.	Dr. Chavan R.G
7.	CT evaluation of liver lesions with histopathology correlation.	Dr. Syed A.	Dr. Lamghare P. K.
8.	Sonographic evaluation of anterior abdominal wall lesions.	Dr. Mahadule M.	Dr. Rahalkar M.A
9.	Evaluation of paranasal sinuses anatomy on CT.	Dr. Bansal S. S	Dr. Pawar S. S.
10.	Role of MRCP in pancreatico-biliary pathologies.	Dr. Sonawane S.	Dr. Patil S.S
11.	CT evaluation of lung masses.	Dr. Divya.	Dr. Patil S. S
12.	Role of MRI in the evaluation of traumatic injuries of knee joint.	Dr. Bijpuriya A. D	Dr. Umap R. A.

### • Achievements / Awards

- “ Akanksha Swadhi : Prize for Paper presentation Virtual Bronchoscopy versus Fibre optic Bronchoscopy at the Research Society Conference of B J Govt Medical College Pune in February 2015.

### Workshops / Conferences/ CMEs

1. Use of non ionic contrast media in CT imaging in October 2015
2. Use of Biopsy needles and guns on December 2015

