

Department Of Radio-Diagnosis

Brief Introduction

Department of Radiology came into existence in 1937 with establishment of PBM hospital. It was known as Ganga X-Ray & Radium Institute then. In 1983, the department was bifurcated into Radiodiagnosis & Radiotherapy. At present, Radiology services are provided in following :

- Pediatric Hospital
- Radiotherapy Department (ATRCTRC)
- Cardiology Department (Govt MC HR Hospital)
- Respiratory Medicine Department (TB & Chest Hospital).

Teaching Faculty:

S.No.	Designation	Name	Qualifications	Address	Mobile Number	Email Address
1	Senior Professor	Dr. G.L. Meena	MBBS, MD (Radiodiagnosis), Nuclear Medicine qualification from AIIMS	III/3, UG Hostel campus, PBM Hospital, Bikaner	9413143709	meenabkn@yahoo.co.in
2	Assistant Professor	Dr. Ridhima Gupta	MBBS, DNB(Radiodiagnosis)	Near Haryana Hotel, Gangashahar road, Bikaner	9929236624	doc.rids@gmail.com
3	Medical officer	Dr. Madhav Sharma	MBBS	27, Nagnechiji Scheme, Pawanpuri, Bikaner	9414264714	Dr.madhavsharma@gmail.com

Courses Conducted

The department offers Post Graduation degree MD in Radiodiagnosis with current annual intake of 3 students. The department also conducts regular teaching activities for MBBS students.

List of Equipment

S.NO	MACHINE	DESCRIPTION	PLACEMENT
1.	MRI (PPP mode)	1.5 Tesla (Philips)	Maharaja CT &MRI centre
2.	CT (PPP mode)	64 slice MDCT (Philips)	Maharaja CT &MRI centre
3.	USG (colour Doppler)	Sonosite	General USG room no.22
4.	USG (Color Doppler)	Sonosite	ATRCTRC room no. 10
5.	USG (Color Doppler)	Sonosite colour	Gynecology Hospital
6.	Direct Digital Radiography (D R System)	Fuji	Room no. 22

7.	Computer Radiography Systemsystem (4)	AGFA	Room no. 73 Cardiology ATRCTRC Room no. 9 TB Hospital
8.	Computer Radiography System	Fujifilm	Room no. 61
9.	Mammography		ATRCTRC
10.	Stationary X-Ray 500 mA Two units	Wipro GE	Room no. 74 &75
11.	Stationary X-RAY 300 mA	Wipro GE 300ma (2)	Room no.21 &pediatric Hospital
12.	Stationary X-RAY 500 mA Two Units	Siemens (2)	Room no. 73 &ATRCTRC
13.	Stationary XRAY 300 m A	Siemens	Room no. 8
14.	OPG	Meditronics	Room no. 77
15.	Mobile XRAY Unit	Shimadzu (4)	1 Medical ICU 2.Casualty ICU <ul style="list-style-type: none"> ● Cardiology ● Gynae
16.	Mobile Xray	Allenger (1)	ward
17.	Mobile Xray Unit	Med ford (3)	Ward

Academic Activities

Sunday (9 am)	Seminars
Monday (9 am winter, 8 am summer)	Film reading session
Tuesday (9 am winter, 8 am summer)	Journal Club
Wednesday (9 am winter, 8 am summer)	Interdepartmental discussion
Thursday (9 am winter, 8 am summer)	Case discussion
Friday (9 am winter, 8 am summer)	Film Reading session
Saturday (9 am winter, 8 am summer)	Radiology Quiz

Conferences Held

Indian Radiological & Imaging Association (IRIA), Rajasthan Chapter 18th State Conference organized by Department of Radio diagnosis, SP Medical College, Bikaner in 2009 under the presidentship of Dr. Satish Kachhawa.

Recent Publications

1. CT findings of primary extra-intestinal gastrointestinal stromal tumor of greater omentum with extensive peritoneal and bilateral ovarian metastases. Jindal G, Rastogi R, Kachhawa S, Meena GL. Indian J Cancer. 2011 Jan-Mar;48(1):135-7.
2. Uterus didelphys with unilateral obstructed hemivagina with hematometocolpos and hematosalpinx with ipsilateral renal agenesis. Jindal G, Kachhawa S, Meena GL, Dhakar G. J Hum Reprod Sci. 2009 Jul;2(2):87-9.

3. Case report: Mounier-Kuhn syndrome.Kachhawa S, Meena ML, Jindal G, Jain B.Indian J Radiol Imaging. 2008 Nov;18(4):316-8. doi: 10.4103/0971-3026.40955.
4. Cystic lymphangiomascroti: a common tumor at a rare location.Rastogi R, Meena GL, Kumar R, Rastogi V.Saudi J Kidney Dis Transpl. 2010 Nov;21(6):1132-4.
5. Gall bladder carcinoma presenting as multiple cavitary pulmonary metastases - a rare event.Rastogi R, Rastogi UC, Meena GL, Rastogi V.Indian J Surg. 2009 Apr;71(2):101-3.
6. A 22-year-old woman with fever, shortness of breath and chest pain.Meena GL, Jindal G, Rastogi R, Jindal K. Ann Thorac Med. 2009 Jul;4(3):158-60.
7. Interstitial ectopic pregnancy: A rare and difficult clinicosonographic diagnosis.Rastogi R, Gl M, Rastogi N, Rastogi V. J Hum Reprod Sci. 2008 Jul;1(2):81-2.

Oral Presentations

1. "Role of MRS in evaluation of Brain Masses" by Dr. Shalini Sharma at IRIA State Conference, 2012, Jaipur.
2. "Role of MRCP in evaluation of Pancreaticobiliary pathologies" by Dr. MohanlalGarg at IRIA State Conference, 2013, Jaipur.
3. "MRI Characterization of Adnexal Masses" by Dr. Ankur Patel at IRIA National Conference 2015, Kochi and IRIA State Conference, 2014, Jodhpur.
4. "Role of MRI in evaluation of Seizures" by Dr. Richa Singh at IRIA National Conference 2015, Kochi.
5. "Role of MRCP in evaluation of Pancreaticobiliary pathologies" by Dr. Satish Khyalia at IRIA National Conference, 2015, Kochi.

Poster Presentations

1. "Rhinolithiasis with Oronasal Fistula" by Dr. Hukmichand Rathore at IRIA State Conference 2013, Jaipur.
2. "A case of Male Hermaphroditism" and "Pancreatic Fracture and associated Pseudocyst" by Dr. Ankur Patel at IRIA State Conference 2013, Jaipur.

ePosters

1. ePoster titled "Role of MRS in evaluation of Brain Masses" by Dr. Satish Khyalia at IRIA National Conference, 2015, Kochi.

Thesis

S.NO	YEAR	TOPIC	PRESENTED BY	GUIDE
1.	2001	Radiological evaluation of intracranial IV contrast enhancing ring lesion by CT	Dr. Arun kumar	Dr. K K Sabharwal
2.	2002	The length of cervix as a predictor of preterm delivery in at risk patient : USG assessment	Dr. Rajesh Arora	Dr. Satish Kachhawa
3.	2002	CT evaluation of cerebral infarction with in 24 hrs of onset	Dr. H R Gattani	Dr. Satish Kachhawa
4.	2002	Pre-op evaluation by CT of gastric adenocarcinoma with surgical correlation	Dr. Govindarajan	Dr. Satish Kachhawa
5.	2003	Prognostic significance of various CT features in spontaneous intacerebral hemorrhage	Dr. B L Nayak	Dr. Satish Kachhawa
6.	2003	Pre-op evaluation of colorectal CA by CT	Dr. Raju Rastogi	Dr. Satish Kachhawa
7.	2004	Hepatic injury in blunt trauma: USG and CT evaluation	Dr. Sushil Saharan	Dr. Satish Kachhawa
8.	2005	Chronic diffuse ILD: comparison of diagnostic accuracy of HRCT & CXR	Dr. Arshad Hussain	Dr. Satish Kachhawa
9.	2005	CT staging of renal cell ca	Dr. Vishal singh	Dr. Satish Kachhawa
10.	2006	Role of CT in evaluation of splenic trauma	Dr. K. gehlot	Dr. Satish Kachhawa
11.	2006	CT evaluation of hepatic mass lesion	Dr. Hitesh M	Dr. Satish Kachhawa
12.	2007	Evaluation of bowel wall thickening by CT	Dr. C Tapasvi	Dr. Satish Kachhawa
13.	2007	CT spectrum of CSOM and its complication	Dr. Mohd. Hasan	Dr. Satish Kachhawa
14.	2008	CT evaluation of primary musculoskeletal neoplasm	Dr. Sakshi Singla	Dr. Satish Kachhawa
15.	2008	CT evaluation of meningitis	Dr. Hridesh Sant	Dr. Satish Kachhawa

16.	2009	Ct evaluation of laryngeal mass	Dr. Narendra Kumar	Dr. M L Meena
17.	2009	Evaluation of abdominal lymphadenopathy by CT	Dr. Gaurav Jindal	Dr. Satish Kachhawa
18.	2009	CT evaluation of orbital mass lesion	Dr. Gopal Dhakar	Dr. M L Meena
19.	2010	CT study in seizure disorder	Dr. Manoj Kumar	Dr. Satish Kachhawa
20.	2010	Evaluation of neck masses by CT	Dr. L K Parihar	Dr. Satish Kachhawa
21.	2010	CT in evaluation of hydrocephalus	Dr. R Santosh Martis	Dr. G L Meena
22.	2011	High frequency USG evaluation of scrotum	Dr. A K Bansal	Dr. Satish Kachhawa
23.	2011	MDCT evaluation of GB carcinoma	Dr. Rohit Khandelwal	Dr. Satish Kachhawa
24.	2011	USG evaluation of carotid arteries in patients post radiotherapy	Dr. M Ashok Kumar	Dr. G L Meena
25.	2012	Detection of coronary artery stenosis by calcium scoring with 64 slice helical CT scanning by agatston & mass scoring methods & CT coronary angiography	Dr. Thyagraj	Dr. Satish Kachhawa
26.	2012	To determine the role of diffusion weighted imaging in ischemic stroke and comparison with MR sequences	Dr. Ramakant Goyal	Dr. G L Meena
27.	2012	CT evaluation of Mediastinal masses	Dr. Santosh	Dr. Satish Kachhawa
28.	2013	Proton-MRS clinical application in patients with brain lesions	Dr. Shalini Sharma	Dr. Satish Kachhawa
29.	2013	Evaluation of bone tumors with MRI & correlation with surgical & pathological findings	Dr. Neha Gupta	Dr. G L Meena
30.	2014	Role of sonographic measurement of placental thickness in evaluation of gestational age of fetus	Dr. Hukmichand	Dr. Satish Kachhawa
31.	2014	Cross sectional study to evaluate the role of MRCP in pt with pancreatobiliary pathology	Dr. Mohanlal	Dr. Satish Kachhawa
32.	2014	Role of MRI in evaluation of knee joint trauma	Dr. Dinesh Kumar	Dr. Satish Kachhawa
33.	2014	Role of MRI in evaluation of posterior fossa SOL	Dr. Rani Sharma	Dr. G L Meena

Photographs



Digital Radiography Workstation



Digital Radiography Machine



Ultrasound Machine

Resident Doctors

Name	Designation
Dr. Jagdish Prasad	IIIrd year Resident
Dr. Preetam Barupal	IIIrd year Resident
Dr. Sapna Rani	IIIrd year Resident
Dr. Pawan Kumar Morwani	IInd year Resident
Dr. Surbhi Gupta	IInd year Resident
Dr. Mohd. Khizer Razak	IInd year Resident
Dr. Dharmendra Kumar Becharbhai	Ist year Resident
Dr. Pradish Sheoran	Ist year Resident
Dr. Omprakash Khokhar	Ist year Resident

Radiographers:

S.No.	Name	Post
1.	G. R. Sharma (In-Charge)	Radiographer
2.	Mohd. Ali	Radiographer
3.	Pradeep gaur	Radiographer
4.	Gom singh	Radiographer
5.	Shailesh Kumar	Radiographer
6.	Banke Bihari Sharma	Radiographer
7.	Santosh Sharma	Radiographer
8.	Kailash Dan Ratanu	Radiographer
9.	Sushil Kumar	Radiographer
10.	Surendra Swami (RSO)	Radiographer
11.	Daulat ram	Radiographer
12.	Chhagan Lal Jakhar	Asst. Radiographer
13.	Prem Chand	Asst. Radiographer
14.	Mohd. Saleem	Asst. Radiographer
15.	Manohar Lal Yadav	Asst. Radiographer
16.	Shiv Kumar	Asst. Radiographer
17.	Manish Bhati	Asst. Radiographer
18.	Rajesh Beniwal	Asst. Radiographer
19.	Zaheer Khan	Radiographer
20.	Veera Gogna	Radiographer
21.	Mahesh Daiya	Dark Room Asst.

Record Keeper cum Clerk: Mr Ravindra
Nurse Grade I - Smt Kiran Devi
Nurse Grade II - Smt Shanti Sharma
Information Assistant : Smt Jyoti Swami

