

DR GAURAV RAJ

EDUCATION & TRAINING:

- **Radiology Residency (MD):
King George's Medical University, Lucknow
June 2004 – June 2007**
- **Senior Resident Radiology
King George's Medical University, Lucknow
July 2007 - February 2011**
- **Clinical Observership
Neuroradiology and Body Imaging
Medical College of Wisconsin, USA,**
- **Advanced training CT guided procedures & biopsy
University Hospital, Frankfurt Germany,**
- **Erasmus fellowship in Neuroradiology from
UCL Medical College, London**
- **One Year Dedicated Abdominal And Cancer Imaging
Fellowship Degree From Ottawa University(2018-
19), (special emphasis on abdominal MRI and
malignancies)**

Working currently as **Professor & HEAD** in Department of Radiodiagnosis in Dr. Ram Manohar Lohia Institute of Medical Sciences since February 2011, established the department.

Achievements

- **Received Dr. Panna Lal Varshney Oration Award** in 35th Annual state conference of Indian Radiological and Imaging Association, UP state chapter held in 7th -8th October 2023, Gorakhpur, organized by Gorakhpur city chapter of UPIRIA.
- Examiner for DNB/ MD Radiology/ PDCC/ fellowship (Gastroradiology/ Oncoradiology/ MRI fellowship).
- Active executive council member for more than 10 yrs of UP chapter of Indian Radiological And Imaging Association (IRIA). Held position of –
 - Secretary Scientific
 - Central Council Member
 - Joint Secretary
 - Currently Vice President, IRIA, State Chapter
 - Currently Secretary of Lucknow Chapter of IRIA
- NMC/ DNB inspector for various undergraduate, postgraduate and fellowship courses.
- Reviewer for multiple National and International Radiology/ Abdominal Radiology and cancer journals.
- Subject expert, reviewer and assistant editor of Abdominal and Oncoimaging section of Indian Journal of Radiology and Imaging.
- Written chapters in two text books on-
 1. Title of the Book- "A primer of Radiology for undergraduate students", Chapter name- Oncoimaging
 2. Title of the Book- "Practical approach to imaging in paediatric oncology", Chapter name- Oncological Emergencies in paediatrics
- Conducted Harman Singh Midterm National Radiology CME of IRIA at DR.RMLIMS, Lucknow, on 26th – 27th August 2023 as organizing secretary.
- The Nodal officer of hospital for all kind of image guided biopsy.

- First Radiologist in state to have started robotic guided CT biopsy in year 2013.
- Responsible for given training in ultrasound and CT guided biopsy to various residents and radiologists of Uttar Pradesh, as the department is an centre of excellence for image guided biopsy.
- Subodhi foundation awarded for exceptional radiology services during COVID in 2021.
- Received Best resident Paper presentation "Role of MRI in Gynaecological Malignancy" Award - "PC Srivastava Oration Award", IRIA (Indian radiological and imaging association) State Chapter held at Jhansi in November'2008
- Received best oral paper presentation radiology resident award in radiology meet IRIA(held in 2005 Kanpur)for Role of Ophthalmic Ultrasound in Trauma
- Received Certificate of honour in E.N.T. & Physiology in Medical school(MBBS)
- Received Best Overall Student Award for final semester exam in medical school (MBBS)
- Imparted training to doctors in CT guided and robotic biopsies in workshop held in various medical colleges and institutes both nationally and internationally

MEMBERSHIP

- Indian Radiological and Imaging Association (IRIA).
- Corresponding member of European Congress of Radiology.
- Corresponding member of European Society of Gastrointestinal & Abdominal Radiology.
- Indian Society of Neuro-Radiology.
- Indian Society of Paediatric Radiology.
- Radiological Society of North America (RSNA).
- American Roentgen Ray Society (ARRS).
- Society of Abdominal Radiology (SAR).
- Indian Society of Gastro-intestinal & Abdominal Radiology (ISGAR).
- American Society of Emergency Radiology (ASER).
- Indian Society of Emergency Radiology.
- European Society of Oncology Imaging

International workshop/courses

- MR imaging course at National University Hospital Singapore, 2014
- Breast Ultrasound & Biopsy workshop July 2015 San't Andreas Hospital, Rome
- CT guided lung biopsy workshop at Gentofte Hospital, Copenhagen, Denmark, 2016
- Radiofrequency ablation training from interventional radiology unit, King Chulalongkorn Memorial Hospital, 2017
- Attended workshops in European Congress of Radiology, Vienna, 2020
- Attended International conference and workshop of paediatric radiology, Vancouver, 2020
- 13th mini fellowship Musculoskeletal MRI & for Radiologists, Penang Malaysia, Sept. 2021.

Appendix – I

Invited lectures/talks as faculty/speaker

1.	Approach to small bowel masses	16 th and 17 th November 2024, 36 th Annual Conference of Indian Radiological & Imaging Association RICON 2024, Noida, State of U.P
2.	Photon counting CT: An emerging technology	9 th November 2024, The World Radiology Day & Continuing Medical Education Programme 2024, AIIMS, Raebareli
3.	Penile Doppler in erectile dysfunctioning	CME on erectile dysfunctioning held in Dr. RMLIMS by Department of Surgery in October, 2024
4.	Basics of MRI brain for Intensivists	28th September 2024, CRITICON 2024,SGPGI Lucknow
5.	“Head & Neck Emergencies in Paediatric Radiology”	21-22 September 2024, XXII Annual National Conference Indian Society of Paediatric Radiology (ISPR) 2024, KGMU, Lucknow
6.	Gastric Cancer: Radiologic Patterns With Radiologic-Pathologic Correlation	2th July 2024, 6th Annual Conference of Society of Oncoimaging, Society of Oncologic Imaging India (SOIICON), Krishna Institute of Medical Sciences, KIMS Hospitals, Secunderabad, Hyderabad.
7.	i. Approach to benign liver lesions ii. Approach to myelitis iii. LIRADS	15, 16 and 17 JUNE, 2024 Department of Radiodiagnosis, Dr RMLIMS, Lucknow RML LUCKNOW,MRI TEACHING COURSE
8.	i. MRI in Carcinoma Prostate ii. MRI ORADS	27-28 th April, 2024, Advanced Imaging and Interventional Radiology Conference, SRMS, Bareilly
9.	Chairperson and Judge of paper and poster presentation by residents.	13th and 14th April, 2024, “CME and Workshop on Head and Neck Imaging & Interventions.”, MPMMCC, Varanasi.
10.	ORADS and approach to ovarian lesion on USG	7th April 2024, Dr. G.S. Bathla Mid Term CME, Prayagraj.

11.	Chairperson and speaker for the "Exploring new frontiers in MRI and CT workshop and symposium"	17-18 th February, 2024 by Department of KGMU and Indian Society of Radiographers & Technologists at KGMU, Lucknow
12.	"MR imaging of perianal fistulas".	3 rd and 4 th February, 2024 29 th Annual Meeting of National Magnetic Resonance Society, SGPGI, Lucknow
13.	"Approach to Splenic lesions : Case based"	January 26, 2024 Indian Radiological and Imaging Association (76 th Annual IRIA 2024), Vijayawada
14.	Spinal Tumor in Paediatric age group	National Conference in Indian Society of Paediatric radiology, held in Banaras Hindu University on 8 th April 2023
15.	Imaging of Lung cyst on HRCT.	Harman Singh Mid term National Radiology CME of IRIA at DR.RMLIMS, Lucknow, on 26 th – 27 th August 2023
16.	Approach to Bone Tumor	In National conference of musculoskeletal society of india in DRRMLIMS, Lucknow on 12 and 13 August 2023
17.	Imaging of Transplanted kidney	In CME conducted on Renal Transplant by Department of Nephrology and Urology DR. RMLIMS on 4 th March 2023
18.	Judge for students papers and posters.	1 st July, 2023, Society of Oncologic Imaging India (SOIICON), Ahmedabad.
19.	Carcinoma Tongue on MRI	IRIA, Annual meeting in Amritsar on 3 rd February 2023
20.	Cancer endometrium on MRI	In City Chapter IRIA on 28 th January 2023
21.	Radiation Protection	On 8 th November 2022 on World Radiography day at Hind Institute of Medical Sciences, Lucknow.

22.	Carcinoma tongue on MRI Perfusion MRI - emerging concept & its application in radiation therapy Radiation protection	The 29th Annual Conference of the Association of Gynaecologic Oncologists of India is being organized from 4th to 6th Nov. 2022 at KGMU, Lucknow, India.
23.	Obstretical And Placental MRI	On world radiography day at department of Radiodiagnosis, Hind institute of medical sciences, Barabanki, November 8 2022.
24.	Multiphasic imaging of liver	Dr. G.S Bathla Miderm CME-2022" of UP State Chapter IRIA at Rohilkhand Medical College & Hospital, Bareilly on, 7th & 8th May 2022.
25.	Contrast reactions and management	34th RICON (annual conference of IRIA UP state chapter), held on 24th / 25th of Sept., 2022 at Kanpur
26.	What every technician should know apart from radiology	8th November 2021 , world radiography day CME ,organized by ISRT UP CHAPTER , RMLIMS
27.	Imaging of endometriosis	13 NOV 2022, world radiography day CME, organized by ISRT UP CHAPTER,RMLIMS
28.	"The ABC of MRCP"	33 Annual meeting of state chapter of IRIA (Indian radiological and imaging association), September 2019 Agra
29.	Cross-sectional imaging -what the anaesthetist needs to know	32 nd Annual meeting of state chapter of IRIA (Indian radiological and imaging association) 6th& 7 th October2018- Orcha, Jhansi
30.	Faculty for hands on workshop on lung biopsies	Central zone post graduate teaching assembly for anaesthesia held at luck now Feb. 2018
31.	Radiology panel faculty for clinicopatho-radio interesting case discussions	5th preceptorship programme for lung biopsies held in Tata memorial cancer hospital ,Mumbai on aug 2017

32.	Macrocytic vs Linear MRI contrast	Annual conference of neuropathology held at Lucknow Feb 2018
33.	Non-traumatic head and neck emergency	National meet of radiology technicians –Techspire held at Kolkata in May 2018
34.	Abdominal radiology quiz and spotters	Annual meeting of state chapter of IRIA (Indian radiological and imaging association) October 2017- Aligarh Muslim University
35.	Skull base imaging – solving the puzzle	GRASP (Guidance in radiology for aspiring students and post graduates), Sanjay Gandhi Postgraduate Institute of medical sciences , February 2017
36.	Ligament injury of knee joint on MRI	Annual meeting of state chapter of IRIA (Indian radiological and imaging association) October 2016- Banaras Hindu University
37.	Radiological evaluation in common pediatric emergency and trauma 2016	Mid-term musculoskeletal CME IRIA (Indian radiological and imaging association) State chapter, Agra 2016
38.	Subarachnoid hemorrhage and aneurysm	Orthopaedic & Trauma society meet in King Georges University, Lucknow, March 2016
39.	Imaging of congenital anomalies of urinary system	Annual meeting of state chapter of IRIA (Indian radiological and imaging association) 2015
40.	Imaging of pituitary lesions	ISPR(Indian Society of Paediatric Radiology), national conference 2015, Lucknow
41.	Faculty of Ian Donald inter-university school of ultrasound hands on ultrasound workshop- 1. Obstetrical MRI 2. Radiological approach to adnexal masses	Dr. G S Bathla Radiology CME 2015 held in Kanpur, June 2015 State Conference of gynaecology and obstetrics held in Kanpur 2015

42.	Evaluation of prostatic malignancy on MRI	R.K Goulati national radiology CME 2015, held in SGPGIMS (Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow)
43.	Conducted workshop as faculty on Liver Abscess Drainage	Image-guided therapy national conference AIIMS(All India Institute of medical sciences) in December 2015
44.	Imaging of laryngeal malignancy	IRIA (Indian radiological and imaging association), Uttar Pradesh chapter, Gorakhpur Oct 2014
45.	Staging of carcinoma cervix on MRI	IRIA(Indian radiological and imaging association)annual conference Jan 2014
46.	Contrast reaction and management	Techspire-radiology technician teaching program 2014
47.	Interpretation of chest X-rays	Annual Conference of the Association of Physicians of India 2013

APPENDIX –II

INTERNATIONAL POSTER AND ORAL PRESENTATION

<p>Multi parametric MR evaluation of post neo adjuvant chemo radiation cases of rectal cancer</p> <p>Imaging spectrum of splenic lesions on CT</p>	<p>24-25 February 2024 ARGANZ (Abdominal Radiology Group of Australia and New Zealand), Melbourne</p>
<p>Case of disappearing acardiac twin with TRAP syndrome</p> <p>Comparative analysis of ultrasound and MRI in diagnosis of Placenta Accreta Spectrum</p>	<p>15 - 18 September 2024, ISUOG 2024 (World Congress on Ultrasound in Obstetrics and Gynaecology), Budapest, Hungary</p>
<p>Pneumothorax as complication of CT guided lung biopsy: frequency, severity, rate of resolution with risk factor assessment</p>	<p>21st Asian Oceanian Congress of Radiology (AOCR 2023) and 59th RST-RCRT Annual Scientific Meeting, Theme- "Redefining the possibilities in medical imaging", Bangkok, February, 2023</p>
<p>Congenital anomalies of the craniovertebral junction: a pictorial presentation</p>	<p>Radiological Society of North America (RSNA)At: Chicago , USA 2022</p>
<p>Arterial involvement in Carcinoma gall bladder with CT Angiography G. Raj, N. Kaushik</p> <p>Evaluation of colorectal pathologies with multi detector computed tomography and histopathological correlation B. Singh, G. Raj</p>	<p>ESGAR (European Society of Gastrointestinal and Abdominal Radiology), 2020, MAY 19 - 22 Vienna, Europe</p>
<p>"MDCT Features of Bowel Ischemia: Spotlight on Non Occlusive mesenteric Ischemia" (Abstract CID: 3224255), is accepted as a poster exhibit.</p> <p>Abstract entitled, "Gas producing infections of abdomen and pelvis: A pictorial review" (Abstract CID: 3224270), is accepted for Podium & Poster presentation.</p>	<p>The ASER 2019 (Annual Scientific Meeting and Postgraduate Course in Emergency and Trauma Radiology), September 11 - 14, 2019 at the Hyatt Regency Gainey Ranch in Scottsdale, Arizona.</p>

APPENDIX-III

RESEARCH/ THESIS/ INTRA AND EXTRAMURAL PROJECTS

Completed Intramural/Extramural projects/Chief Guide thesis

1. Role of MRI in evaluating the characteristics of perianal fistula and its agreement with operative findings.
2. MRI evaluation of squamous cell carcinoma of tongue in locoregional staging with surgical and pathological correlation.
3. Multi parametric MR evaluation post neoadjuvantchemoradiation cases of rectal cancer.
4. Complications of CT guided lung biopsy and its determinants.
5. Metastatic pattern of carcinoma gall bladder on abdominal CT scan and its prognostic impact on outcome.
6. Role of triple phase CT angiography in delineation of vascular variants and involvement in patients of Hepato-Pancreatico-Biliary malignancy.
7. The role of dynamic contrast enhanced 3T MRI for differentiation of benign and malignant breast lesion with Histopathological correlation.
8. The utility of multiparametric 3T MRI in grading of gliomas.
9. Role of dynamic contrast-enhanced and diffusion weighted images 3T MRI in prostate cancer.
10. MR cholangiopancreatography: Tool to define the extent of malignant hilar biliary obstruction and its use in prospective percutaneous interventions.
11. Determinants and accuracy of percutaneous CT guided spine biopsy & evaluation of robotic arm technique
12. Serial blood brain barrier qualification using DCE-MRI in patients with single calcified NCC while on epileptic therapy
13. Metabolomic study in body fluids for differentiation of pyogenic & TB meningitis in adults: A pilot study
14. Association of hypertension, ultrasonographic parameters of carotid artery and cerebral diffusion tensor imaging in small vessel disease.
15. EGFR and HER-2/neu expression in gallbladder carcinoma .
16. Relationship of blood cell parameters with vascular calcification in ESRD (end-stage renal diseases)patients.
17. Proton MR metabolomic study in serum & urine for differentiating fertility & staging of intra-abdominal hydatid cyst – a pilot study.
18. Metabolomic study in CSF, serum & urine for rapid diagnosis of cryptococcal meningitis in adults.
19. Genotoxicity Assessment in Human Lymphocytes Following Exposure to CT scan and Radiotherapy
20. Comparison of the efficacy of contrast enhanced mammography with combination of digital Breast tomosynthesis and ultrasound in the assessment of the indeterminate breast lesions.
21. MRI evaluation of malignancy of tongue in locoregional staging with surgical and pathological correlation
22. Role Of MRI In Evaluating The Characteristics Of Perianal Fistula And It's Agreement With Operative Findings

23. Multiparametric MR evaluation of post neoadjuvant chemoradiation cases of rectal cancer”
24. Association of normal appearing white matter (NAWM) in small vessel disease by cerebral diffusion tensor imaging (DTI)

Ongoing Intramural/ Extramural projects/ Chief Guide thesis

25. Neuro-psychiatric sequelae following tuberculous meningitis and the role of Diffusion Tensor Imaging in its assessment (Extramural project – ICMR, New Delhi)
26. Radiological accuracy in TNM staging of T3/T4 laryngeal carcinoma.
27. Comparison of procedural complications based on different approaches in cases of CT guided vertebral bone biopsy.
28. “Accuracy of magnetic resonance imaging in the diagnosis of placenta accreta complex”.
29. Correlating the characterisation of type of renal cell carcinoma on cross sectional imaging with histopathology.

APPENDIX –IV

Publications:

	Topic	Journal	Name
1.	Prevalence of osteoporosis and sarcopenia in middle aged subjects with low back pain	The Indian journal of radiology and imaging (2024) DOI:10.1055/s-0044-1787683	Shamrendra Narayan, Rishabh Pratap, Gaurav Raj , Abhishek Chauhan, Tushant Kumar, Neha Singh, Ajai Kumar Singh, Nikhil Gupta
2.	Role of advanced magnetic resonance imaging (MRI) in the evaluation of renal masses: A prospective cross-sectional study	International Journal of Pharmaceutical and Clinical Research 2024; 16(6); 2230-2236	Navneet Ranjan Lal, Deb Kumar Boruah, Gaurav Raj , Rajnikant R Yadav
3.	Evaluation of focal liver lesions using Real-time ultrasound	International Journal of Pharmaceutical and Clinical Research 2024; 16(6);2237-2242	Navneet Ranjan Lal, Deb Kumar Boruah, Gaurav Raj , Shamrendra Narayan
4.	Comparative analysis of conventional chest radiographs and HRCT Thorax for the assessment of patients with interstitial lung disorders.	International Journal of Pharmaceutical and Clinical Research 2024; 16(6); 2219-2224	Navneet Ranjan Lal, Deb Kumar Boruah, Gaurav Raj
5.	Dropped Gallstones: An Uncommon complication of an uncommon entity- Silent Gall Bladder Perforation: A rare case report	International Journal of Life Sciences, Biotechnology and Pharma Research, 13 (2024) 260-262	Kaustubh Gupta, Priya Das, Gaurav Raj
6.	Transient Adult Intussusception with GIST as lead point: A case report	International Journal of Life Sciences, Biotechnology and Pharma Research, 13 (2024) 302-304	Kaustubh Gupta, Priya Das, Gaurav Raj
7.	Hepatic visceral larva migrans: A radiological case report	Radiology Case Reports, 19 (2024) 2467-2471	Aniket Kashyap, Pranjali Joshi, Gaurav Raj , Shamrendra Narayan, Piyush Upadhyay, Nuzhat Hussain
8.	Unusual presentation in a case of diffuse large B-cell lymphoma	Radiology Case Reports, 19 (2024) 4440-4444	Priya Das, Kaustubh Gupta, Gaurav Raj , Vini Tandon, Namrata Punit Awasthi, Yatendra Parashar
9.	Liver abscess with extension into the inferior vena cava: Case series of a rare complication	Radiology Case Reports Volume 19, Issue 2, February 2024, Pages 594-599	James Marak, Gaurav Raj , Shamrendra Narayan, Priya Das
10.	Leriche syndrome: Clinical and diagnostic approach of a rare infrarenal aortoiliac occlusive disease	Radiology Case Reports Volume 19, Issue 2, February 2024, Pages 540-546	James Marak, Gaurav Raj , Shamrendra Narayan, Harsha Gara, Navneet Ranjan Lal
11.	Primary anorectal amelanotic Melanoma with liver lungs and lymph nodal metastases	BMJ case report 16 (11):e257510 doi: 10.1136/bcr-2023-257510	James Marak, Gaurav Raj , Shivam Dwivedi, Ariba Zaidi

12.	Multi-parametric MR evaluation of post neo adjuvant chemo- radiation cases of rectal cancer	Asian Pac J Cancer Biol, 8 (3), 235-242 DOI:10.31557/APJCB.2023.8.3.235	Gaurav Raj , Harsha Gara
13.	Primary hepatic epithelioid hemangioendothelioma masquerading as metastases: A rare case report	Radiology Case Reports Volume 18, Issue 10, October 2023, Pages 3739-3747	James Marak, Gaurav Raj , Shashwat Verma, Ajeet Kumar Gandhi
14.	Role of multidetector computed tomography in differentiation of benign and malignant cavitary lung lesions with a histopathological correlation: A retrospective cross-sectional study	2023: Cureus 15(8) DOI: 10.7759/cureus.43005	Navneet Ranjan Lal, Deb Kumar Boruah, Gaurav Raj
15.	Vanishing a cardiac twin with traps in room: A case report	Radiology Case Rep 2023 Jun 3;18(8):2735–2737.	Swasti Pathak, Gaurav Raj
16.	Primary monophasic synovial sarcoma of the lung: Rare case report	Radiology Case Rep 2023 Apr 13;18(6):2212–2218.	James Marak, Gaurav Raj , Tanvi Khanna, Harsha Gara
17.	Large prostatic utricle cyst with calculus in a child: A rare entity	International Journal of Medical Reviews and Case Reports (2023) 7(3):64-66 DOI:10.5455/IJMRCR.172-1660639481	Neha Singh, Tanvi Khanna, Gaurav Raj , Deepak Kumar Singh
18.	Late presentation of Swyer syndrome: A case report	Radiology Case Reports, 18 (2023) 3295-3298	Swasti Pathak, Gaurav Raj , Rishabh Pratap, Shivam Singh
19.	Leg muscle involvement in polyarteritis nodosa (limited form) - A rare case report	Radiology Case Reports, 2023 Apr; 18(4): 1601–1604.	Rishabh Pratap, Gaurav Raj
20.	Macrodystrophic lipomatosa of finger - A rare case report	Radiology Case Reports, 2023 Apr; 18(4): 1613–1616	Rishabh Pratap, Gaurav Raj
21.	Primary squamous cell carcinoma of pancreas in a patient with chronic pancreatitis: A rare case report	Radiology Case Reports, 2023 Mar 24;18(5):2024-2029	James R. Marak, Gaurav Raj , Tanvi Khanna, Nuzhat Husain, Ajeet Gandhi
22.	Imaging of Intramedullary Spinal Cord Lesions on MRI	Journal of Clinical and Diagnostic Research. 2022 Apr, Vol-16(4): TJ01-TJ04	Bhanupriya Singh, Dewansh Mishra, Gaurav Raj
23.	Case Report of CT Findings in Post Partum Renal Cortical Necrosis	Austin Journal of Radiology 9(2): id1189 (2022)	Neha Singh, Gaurav Raj
24.	Primary pancreatic lymphoma-diagnosed on computed tomography: A rare case report	Journal of Elsevier Radiology Case Report. 2022 Apr 4;17(6):1831-1835.	Rajlakshmi Yadav, Gaurav Raj , Yashraj Gupta, Anurag Gupta

25.	Performance evaluation of digital mammography, digital breast tomosynthesis and ultrasound in the detection of breast cancer using pathology as gold standard: an institutional experience	Egyptian Journal of Radiology and Nuclear Medicine 53, 1 (2022)	Pranjali Joshi, Neha Singh, Gaurav Raj , Ragini Singh, Kiran PreetMalhotra and Namrata Punit Awasthi
26.	Comparative colour doppler study of lower limb deep venous thrombosis in diabetic and non diabetic patients with review of current knowledge	International Journal of Medical Reviews 2022, Volume 10, Issue 6, Page No: 75-78	Bhanupriya Singh , HarshaGara a, Mridu Singh, Gaurav Raj and James Marak a
27.	Diagnosis of Intrauterine Growth Retardation with Color Doppler Evaluation of Cerebral-Umbilical Pulsatility Ratio and Prediction of Adverse Perinatal Outcome	Journal of Research in Medical and Dental Science 2022, Volume 10, Issue 6, Page No: 70-74	Bhanupriya Singh, Prashant Agrawal, Neha Singh, Gaurav Raj , RishabhPratap
28.	Varied presentations of scrotal pathologies on high-frequency ultrasound and colour doppler with review of current knowledge	International Journal of Medical Reviews and case reports Int J Med Rev Case Rep. 2022; 6(7): 75-83	Bhanupriya Singh, James Maraka, Gaurav Raj , Priyanka Raia, HarshaGara and Arpan Yadava
29.	Transabdominal and Transvaginal Ultrasound Evaluation of Abnormal Uterine Bleeding in Post-Menopausal Women	Journal of Research in Medical and Dental Science 2022, Volume 10, Issue 6, Page No: 79-85	Bhanupriya Singh, Tanvi Khanna, Devyani Mishra, Gaurav Raj1
30.	Diagnosis and demonstration of single coronary artery by multi detector CT angiography: series of two cases	Egyptian Journal of Radiology and Nuclear Medicine 53, 179 (2022).	Neha Singh, Yashraj Gupta, Bhanupriya Singh1, Gaurav Raj Agrawal and Subhash Rajput2
31.	Case Report of CT Findings in Post Partum Renal Cortical Necrosis	Austin Journal of Radiology 2022; 9(2): 1189.	Neha S, Gaurav Raj , Ankur L and Ankur S
32.	An Interesting Case of Post CovidMucormycosis with Rhino-Cerebro-Orbital Involvement	Austin Journal of Radiology 2022; 9(2): 1188.	Gaurav Raj , Bhanupriya S and Ankur S
33.	Performance evaluation of digital mammography, digital breast tomosynthesis and ultrasound in the detection of breast cancer using pathology as gold standard: an institutional experience	Egypt J RadiolNucl Med (2022) 53:1 https://doi.org/10.1186/s43055-021-00675-y	Pranjali Joshi , Neha Singh Gaurav Raj ,Ragini Singh Kiran Preet Malhotra and NamrataPunit Awasthi2
34.	Breast calcifications on mammography: A pictorial essay	Indian J Cancer 2022 Jan-Mar;59(1):136-139.	Pranjali Joshi, Gaurav Raj , Neha Singh

35.	Clinical applications of Susceptibility Weighted Sequence in Neuroimaging at 3 Tesla	Eropean Congress of Radiology ECR 2022/ C-14686	B. Singh, Gaurav Raj , A. Chauhan, T. Kumar, S. Narayan
36.	MRI evaluation , classification and differential diagnosis of spinal tumors.	Eropean Congress of Radiology ECR 2022 / C-14689	B. Singh, S. Kawlra, Gaurav Raj , A. Chauhan, S. Narayan, T. Kumar.
37.	Pictorial essay of congenital fetal anomalies on antenatal sonography and MRI.	Eropean Congress of Radiology ECR 2022 / C-14688	B. Singh, S. Kawlra, Gaurav Raj , A. Chauhan, S. Narayan, T. Kumar.
38.	Metastases from renal cell carcinoma-Report of three unpredictable cases and literature review	Indian Journal of Cancer April 2021 58(2):273-277	Kiran P Malhotra , Anurag Gupta , Saumya Shukla, Gaurav R Agarwal 1, Hardeep S Malhotra 2
39	Imaging Features of Intramedullary Spinal Cord Lesions with Histopathological Correlation	Asian Journal of Oncology DOI https://doi.org/10.1055/s-0042-1750792 . (2022) ISSN 2454-6798.	Singh, B, Chauhan A, Gaurav Raj ,
40.	MDCT Angiography Evaluation of Arterial Involvement in Carcinoma Gall Bladder: An Institutional Experience	Austin Medical Sciences, Austin Publishing group. Austin Med Sci 6(2): id1050 (2021)	Gaurav Raj , Neha Singh, Bhanupriya Singh, Richa Raj
41.	Case report High riding innominate artery: An unusual pulsatile pretracheal mass	Radiology Case Report, Elsevier 2021 May 1;16(7):1732-1735.	Tanu Mishra, Gaurav Raj , Dr Saurabh Dwivedi
42.	A Radiological Study for Assessment of Cartilage Abnormalities in Patients with Osteoarthritis of Knee	Austin Medical Sciences 2021; 6(2): 1049.	Singh B, Gaurav Raj and Gupta H
43.	Cognitive assessment of refractory epilepsy patients using MOCA scale.	International Journal of Scientific Research 2021; 10(06):34-35.	Dewansh Mishra, Tushant Kumar, Mandavee Ojha, Gaurav Raj , Shamrendra Narayan.
44.	Prevalence and distribution of dominance and ramus intermedius in north indian population on ct cardiac angiography- an institutional experience.	International Journal of Anatomy Radiology and Surgery. 2021 Oct, Vol -10 (4): R005 -R008	Mishra D, Gaurav Raj , singh B.
45.	Shear wave elastography of ulnar nerve in arm: An observational study for evaluation of performance.	Indian J MusculoskeletRadiol 2021;3(1):3-9	Narayan S, Choudhury N, Singh AK, Anand T, Raj G , Agarwal D.
46.	High riding innominate artery: An unusual pulsatile pretracheal mass	Radiology Case Reports Volume 16, Issue 7, July 2021, Pages 1732-1735 https://doi.org/10.1016/j.radcr.2021.04.018	Tanu Mishra, Gaurav Raj , Saurabh Dwivedi

47.	Hirayama Disease: Magnetic Resonance Imaging Manifestations and Single Centre Experience	Austin J Radiol - Volume 8 Issue 3 – 2021 Austin J Radiol. 2021; 8(3): 1132. ISSN : 2473-0637	Rathore P, Raj G , Yadav R and Singh A
48.	A Case of Renal Hydatid Presenting with Hydatiduria – Diagnosed on Computed Tomography.	J Med Imaging Case Rep,2021, 5(2): 32-34.2021.	Yadav R, Agarwal G , Gupta Y, Srivastava A
49.	Evaluation of the relationship between blood cell parameters and vascular calcification in dialysis-dependent end-stage renal disease patients.	Sauidi J Kidney Dis Transpl. 2020 Jan-Feb;31(1):136-143. doi: 10.4103/1319-2442.279933. PMID: 32129206	Chandra A, Raj G , Awasthi NP, Rao N, Srivastava D
50.	Lymph nodal metastatic pattern in carcinoma gall bladder with MDCT – An institutional experience; Type: Original Article	Asian journal of oncology Published July 2020 DOI https://doi.org/10.1055/s-0040-1714306 ISSN 2454-6798.	Gaurav Raj (submitting secretary), Bhanupriya Singh (corresponding author), Ragini Singh (Co-author)
51.	Circulating free DNA as a marker of response to chemoradiation in locally advanced head and neck squamous cell carcinoma	Indian J PatholMicrobio. Oct-Dec 2020;63(4):521-526. doi: 10.4103/IJPM.IJPM_28_20.	TriptiVerma , Swati Kumari, Sridhar Mishra, Madhup Rastogi, Vandana Tiwari , Gaurav R Agarwal , Nidhi Anand , Nuzhat Husain
52.	Assessment of Celiac Axis and Hepatic Artery Variations in Hepatobiliary and Pancreatic Malignancy with Multidetector Computed Tomography Angiography;	Asian journal of oncology , Published 2020-05-04 DOI https://doi.org/10.1055/s-0040-1710203 ISSN 2454-6798.	Gaurav Raj Namrata Kaushik Ragini Singh Neha Singh Abhishek Chauhan Shamrendra Narayan Tushant Kumar1 Nitin A. Dixit;
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