

PUBLICATIONS OF FACULTY/ RESIDENTS

1. Mullick P, Kumar A, Prakash S, Jain S. Perioperative dental injury awareness among anesthesiologists. *J Anaesthesiol Clin Pharmacol*. 2025;41:119-25.
2. Mehta K, Baruah U, Krishna B, Agrawal N. Looking past the tip of the iceberg: A case series on perioperative seizures. *Indian J Health Sci Biomed Res KLEU*. 2025;18(2):Article 20.
3. Krishna B, Mohanty A. Stopping the bleed: A hemophilia B success story. *Indian Anaesthetists Forum*. 2025;26(1):79-80.
4. Khurana DK, Krishna B, Kumari S, Mehta K, Jain M, Chaudhary S. Comparison of laryngeal mask airway versus endotracheal intubation in general anaesthesia for endovascular neurosurgery: A prospective, randomized controlled trial. *Rev Soc Port Anesthesiol*. 2025;33(4).
5. Krishna B, Magoon R. Reflections on outcomes of COVID-19 in pregnancy. *J Obstet Anaesth Crit Care*. 2025;15(1):84.
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7. Mehta K, Balakrishnan I, Chauhan R, Kumar V. Perioperative anesthetic challenges in pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension: A case series. *Asian J Med Sci*. 2025;16(1):120-128.
8. Lalthazuali, Gupta A, Balakrishnan I, Mehta K, Gupta A. Effect of ultrasound-guided transversus thoracic plane block on postoperative analgesia in patients undergoing cardiac surgery through midline sternotomy: A randomized controlled trial. *Indian J Thorac Cardiovasc Surg*. 2025;41:1532-43.
9. Chugh V, Kashyap R, Bamba C. Measurement of airway length in neonates using fiberoptic bronchoscopy. *Paediatr Anaesth*. 2026;36(1):43-46.
10. Kalshan R, Gandhi R, Nidhi T, Singh A. Comparative study of premixed versus sequential administration of hyperbaric bupivacaine and fentanyl for subarachnoid block in caesarean section: A randomized controlled trial. *Cureus*. 2025;17(11):e97375.
11. Singh A, Gandhi R, Khutell A. Comparison of bougie- and non-bougie-guided videolaryngoscopic nasotracheal intubation in adults: A randomized controlled trial. *Indian J Clin Anaesth*. 2025;12(2):243-249.

12. Devrajan G, Chhabra PH, Guria S, Gupta K. Comparison of intravenous with perineural dexamethasone for ultrasound-guided erector spinae plane block in patients undergoing modified radical mastectomy: A randomized control trial. *J Anaesthesiol Clin Pharmacol.* 2025;41:357-62.
13. Murugesan P, Kochhar A. Comparison of intubation characteristics with or without placement of shoulder roll in neonates using video laryngoscope. *Indian Anaesthetists Forum.* 2025;26(2):113-118.
14. Singh K, Bajaj J, Bathla S, Mehta K. Comparison of caudal bupivacaine and dexmedetomidine with caudal bupivacaine and intravenous dexmedetomidine for postoperative analgesia in children: A randomised controlled trial. *J Anaesthesiol Clin Pharmacol.* 2025;41(3):455-463.
15. Bathla S. Toxicity of local anaesthesia in paediatric patients: Stay aware of risks and take appropriate measures. In: Bajwa SJS, editor. *Recent advances in paediatric anaesthesia.* 1st ed. New Delhi: Jaypee Brothers Medical Publishers; 2025.
16. Dwivedi N, Choudhuri P, Nayar P. Effects of intravenous dexmedetomidine on sensory and motor block characteristics in adults undergoing infraumbilical surgery under subarachnoid block. *Rev Soc Port Anesthesiol.* 2025;34(3):85-91.
17. Pandey K, Mahendru K, Garg R, Bhatnagar S, Mishra S, Gupta N, Bharti SJ, Kumar V. To evaluate the effect of two ventilatory strategies (conventional bag-mask ventilation vs. manual jet ventilation) on peak inspiratory pressures and dynamic compliance using electrical impedance tomography in adult patients undergoing interventional rigid bronchoscopy for central airway obstruction under total intravenous anaesthesia: VENTIJET-EIT study. *Indian J Anaesth.* 2025;69(6):570-579.
18. Mahendru K, Kumar A, Pandey K, Sarma R. Comparison of the effects of remimazolam and inhalational anesthesia on postoperative recovery in patients undergoing general anesthesia: A systematic review and meta-analysis of randomized controlled trials. *Anesth Pain Med (Seoul).* 2025;20(4):393-405.
19. Mahendru K, Garg R. Perioperative care of pregnant patients for oncological surgery: A narrative review. *J Obstet Anaesth Crit Care.* 2025;15:98-105.
20. Garg R, Mahendru K. Perioperative management of patients on glucagon-like peptide-1 receptor agonists. In: Kulkarni AP, Bhosale SP, editors. *Recent Advances in Anesthesia* 2025. New Delhi: Jaypee Brothers; 2025. p. 16-33.
21. Coondoo A, Khurana DK, Mehta K. Anesthetic management of intracranial saccular aneurysm in second trimester in a pregnant female. *J Obstet Anaesth Crit Care.* 2025;15(1):77-80.

22. Singhal M, Guria S, Khurrana DK, Krishna B. External oblique–rectus abdominis block for robotic adrenalectomy. J Anaesthesiol Clin Pharmacol. 2026.
23. Gupta N, Saigal D, Gupta P, Thakur P. Comparison between video laryngoscope and direct laryngoscope for pressor response in adult patients undergoing craniotomy. Cureus. 2025;17(9):e408292.
24. Yadav D, Sharma AK, Tripathi K, Sarabahi S, Gupta A, Kale S, Gupta A. Effects of photobiomodulation adjunct therapy via superpulsed 904 nm laser in patients with second-degree burns: Randomized controlled clinical trial. J Biophotonics. 2026;19(2):e202500386.

ANATOMY

PUBLICATIONS OF FACULTY/ RESIDENTS

BOOKS/ BOOK CHAPTERS

Dr. Vandana Mehta contributed four chapters on the Anatomy of Pelvis in a book on “Labour Management” published by Francis and Taylor.

PAPER/POSTER PRESENTATION

Dr Jyotsana Suri, Dr Jasbir Kaur, Dr Vandana Mehta, Dr Deepthi Nair, Dr Renuka Sharma, Dr Shweta Singhal -Congenital defects in stillbirth bridging prenatal clues to perinatal loss was presented in NARCHI Conference on 9th August 2025.

Dr Rajarajeshwari, Dr Jasbir Kaur -Morphometric analysis of Cross-sectional area of tibial footprint of Anterior cruciate ligament: A cadaveric study at 13th International conference of Society of clinical Anatomists -Srinagar on 12.7.25

Dr Jasbir Kaur, Dr Davinder Singh- Poster titled Competency based medical education versus traditional learning: A Comparative perspective in Medical Training in METCON, Army College of Medical Sciences on 9th October 2025.

Dr Mohammad Rashid Ali, Dr Jasbir Kaur, Dr Davinder Singh- Poster titled Morphometric study of Anterior cruciate ligaments of knee joints in human cadavers from thesis work by postgraduate student was presented at 13th International conference of Society of clinical Anatomists SOCACON -Srinagar on 12.7.2

Presented a paper titled- Morphological appraisal of Human Glenoid cavity on dry scapulae and 3D CT scan in 13th International conference of Society of Clinical anatomists held from 10th-12th July 2025 at Srinagar, J&K.

BIOCHEMISTRY

PUBLICATIONS OF FACULTY/ RESIDENTS

Publications in indexed journals

1. Palaniyappan G, Mandal S, Rani A. Decoding the link between serum magnesium and tinnitus: A research perspective. *Ind J Otolaryngol Head Neck Surg.* 2025;77(12).
2. Saxena U, Yadav P, Lachyan A, Rani A. Effect of maternal body mass index on N-terminal pro-B-type natriuretic peptide levels in the third trimester. *Am J Perinatol.* 2025;42(9):1141-1151.
3. Kiran NC, Thakur MB, Rani A. Diagnostic accuracy of serum-ascites albumin gradient in esophageal varices in cirrhosis. *Int J Res Med Sci.* 2026;14(1):130-4.
4. Vashistha M, Capoor MR, Khanna G, Rani A, Chaudhary N. Revisiting clinico mycological and immunological aspects of fungal rhinosinusitis during COVID-19 pandemic. *Indian J Med Microbiol.* 2025;59:101036.
5. Anbhule AP, Ramteke A, Porwal Y, et al. Exploring the role of TLR2 and TLR4 adaptor proteins in type 2 diabetes: Implications for inflammation and disease progression. *Indian J Clin Biochem.* 2025.
6. Kumar V, Singh A, Goel N, Dawar R, Sharma S. Incidence, risk factors, and outcome of tumor lysis syndrome in hospitalized children (1–12 years) with malignancy. *Indian J Med Paediatr Oncol.* 2025.
7. Naaz H, Dawar R. Childhood obesity in India: A growing concern. *J Appl Biochem Lab Med.* 2025:62-63.
8. Singh R, Tasnim S, Chandra S, Puthan Peedikakkal R, Choudhary A, Dawar R, Goyal P, Meena MK, Bhattacharjee J, Tyagi S. Association between genetic variants and circulating biomarkers of extracellular matrix remodeling in Indian patients with acute and recurrent myocardial infarction. *J Lipid Atheroscler.* 2025;14(3):339-349.
9. Gupta K, Uppal V, Ish P, Chauhan SS, Patro S, Gupta NK. Interleukin-18 cytokine gene polymorphism -137G/C (rs187238) and susceptibility to tuberculosis in North India. *Monaldi Arch Chest Dis.* 2025 Jun 19.
10. Suneja S, Kaur C. Introduction of objective structured practical examination (OSPE) for formative assessment of medical undergraduates in biochemistry. *Natl Med J India.* 2024;37:205-8.
11. Suneja S, Dhivya S, Haldar D, Rohit Kumar R, Ramteke A. Association of PON-1 genes (Q192R and L55M) polymorphism with cardiovascular disease in type 2 diabetes mellitus in Indian population. *J Med Sci Health.* 2025;11(2):136-46.
12. Suneja S, Khanna G, Kapoor R. Program evaluation of electives in the new CBME curriculum in Indian medical education. *Med Sci Educ.* 2025;35(3):1385-92.
13. Singh SK, Gupta M, Mahato K, Shrivastava S, Pandey VK, Kumar D, Mardi J, Priya D, Baek KH, Mishra AK. A systematic analysis of various clonal lineages of colistin-resistant *Klebsiella pneumoniae* with *mgrB* mutations. *Mol Biol Rep.* 2025;52(1):1029.

Abstracts published in indexed journals

Gangopadhyay S, Meena S. Serum BDNF levels as endophenotypic biomarker in first-degree relatives of obsessive compulsive disorder. In: Abstracts of the 34th World Association of Societies of Pathology and Laboratory Medicine (WASPaLM) and 51st Association of Clinical Biochemists of India (ACBI) Congress. *Indian J Clin Biochem.* 2025;40(Suppl 1):1-124.

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1. Mulchandani R, Kakkar AK, Gandotra S, Isser HS, Dhamija RK, Lyngdoh T. Neuro-cognitive profile of adult statin users at a large tertiary care hospital in Delhi, India. *JRSM Cardiovasc Dis.* 2025;14:20480040251371770.
2. Jain D, Isser HS. Pulmonary hypertension: Diagnosis and management. *J Curr Cardiol.* 2025;3(1):2-11.
3. Agrawal C, Kumar D, Ansari AH. Iron deficiency and heart failure: A review. *Cardiology Today (CIMS Medica India).* 2025;29(1):5-11.
4. Vijay A, Jain A, Ansari AH, Kumar D. Acquired bilateral atrio-ventricular valvular stenosis in a complex single-ventricle physiology following superior cavo-pulmonary connection. *BMJ Case Rep.* 2025;18(4):e265053.
5. Aggarwal A, Gupta A, Aithal S, Jain A, Ansari AH, Kumar D. An unusual cause of ST elevation MI in a young athlete: The eyes see what the mind knows. *J Am Coll Cardiol.* 2025;85(12 Suppl):3410.
6. Vijay A, Aithal S, Kumar D, Jain A, Ansari AH. Triple whammy—a tryst with destiny. *J Am Coll Cardiol.* 2025;85(12 Suppl):3316.
7. Verma S, Ansari AH, Kumar R, Jain A, Aggarwal A, Bansal S, Isser HS. Efficacy of coronary sinus aspiration in reducing contrast-induced nephropathy in high-risk patients. *JACC Adv.* 2025;4(10):102132.
8. Chandwani L, Ansari AH, Kumar D. Aortic dissection presenting as inferior wall myocardial infarction. *J Invasive Cardiol.* 2025;37(10).
9. Arya AK, Akkineni KP, Rao S, Singh SK, Sardar S, Ansari AH, Kumar D. Walls within walls: A tale of twin aortic stenosis in type II familial hypercholesterolemia. *J Invasive Cardiol.* 2025.
10. Farooq Z, Kumar Singh S, Rao S, Ansari A, Kumar D. Ticagrelor-induced complete heart block. *Cureus.* 2025;17(10).
11. Seth S, Chopra VK, Mantri RR, Modi SK, Mittal S, et al. Strategies to optimize management of outpatient worsening heart failure: A national consensus from India. *J Pract Cardiovasc Sci.* 2025;11(1):14-26.
12. Chopra N, Mehta K, Ansari A, Singh SK, Kumar D, Kumar Singh S. Massive air embolism in the pulmonary artery during permanent pacemaker insertion. *Cureus.* 2025;17(11).
13. Aggarwal A, Agrawal C, Mishra V, Shrishakumar S, Malik A, Diva L, Ansari AH, Kumar D. Cardiac tamponade secondary to ruptured amoebic liver abscess. *BMJ Case Rep.* 2025;18(9):e267813.
14. Farooq Z, Gautam S, Aggarwal A, Gupta P. Unveiling diagnostic challenges and therapeutic triumphs: Endovascular management of a paediatric internal carotid artery pseudoaneurysm—a case report. *Eur Heart J Case Rep.* 2025;9(8):ytaf372.
15. Arya K, Agrawal C, Kumar R, Kisku N, Kumar R, Gupta P. Effect of air pollution on mortality of COVID-19 patients admitted in a tertiary care hospital: A retrospective study. *Indian J Chest Dis Allied Sci.* 2025.
16. Raal FJ, Mehta V, Kayikcioglu M, Blom D, Gupta P, Elis A, Turner T, Daniels C, Vest J, Mitchell T, Caldwell K, Bahassi EM, Kallend D, Stein EA. Lerodalcipab and evolocumab for the treatment of homozygous familial hypercholesterolaemia with PCSK9 inhibition (LIBerate-HoFH): A phase 3, randomised, open-label, crossover, non-inferiority trial. *Lancet Diabetes Endocrinol.* 2025.
17. Chopra HK, Sethi KK, Nair T, Gupta P, et al. National consensus statement on role of bisoprolol across cardiovascular continuum: Special focus on women. *J Assoc Physicians India.* 2025;73(5):e16-e33.

18. Ray K, Kaul U, Rao S, et al. Expert opinion on targeted lipid control for very-high-risk Indian patients: Bridging the gap in real-world practice. *Eur Cardiol*. 2025;20:e37.
19. Mundisugih J, Bhaskaran A, Huang K, De Silva K, Turnbull S, So TC, Hashimoto K, Gupta A, Bennett RG, Kotake Y, Bickley M, Campbell T, Kumar S. Stepwise approach to ventricular tachycardia ablation in structural heart disease. *Heart Lung Circ*. 2026;35(1):62-73.
20. Gupta P, Bansal S, Balakrishnan I, Gupta A. Diabetes mellitus and HbA1c as predictors of mortality in hospitalized COVID-19 patients. *Expert Rev Endocrinol Metab*. 2025;20(3):221-232.
21. Hashimoto K, Gupta A, So TC, Turnbull S, De Silva K, Bhaskaran A, Kotake Y, Campbell TG, Perera N, Kumar S. Feasibility of upfront surgical subxiphoid epicardial access for hybrid ablation of ventricular tachycardia. *JACC Clin Electrophysiol*. 2025;11(9):2068-2070.
22. Aggarwal A, Yadav A, Jain A, Gupta A. Tachycardia-induced cardiomyopathy due to ectopic atrial tachycardia originating from the atrial appendage: A case series and review of literature. *Indian Pacing Electrophysiol J*. 2025;25(2):112-117.
23. Gupta P, Yadav AK, Gupta A, Kumar D. Reversible high-grade AV block in a patient with scrub typhus. *BMJ Case Rep*. 2025;18(6):e264143.
24. Ramakumar V, Gupta A, Jain A. Changing rapid wide complex tachycardia in a middle-aged man. *JAMA Intern Med*. 2025;185(10):1282-1283.
25. Aggarwal A, Kumar D, Agrawal C, Gupta P, Bansal S, Gupta A. Colistin-induced Bartter-like syndrome with torsades de pointes: A reversible cause of life-threatening arrhythmia. *JACC Case Rep*. 2025;30(39):106141.

CIO ORTHOPEDICS

PUBLICATIONS OF FACULTY/ RESIDENTS

- Singh P, Beniwal RK, Jalan D, Sajjan SB. Short-term Clinical Outcome of Surgically Managed Acute Floating Knee Injury. *J West Afr Coll Surg*. 2025 Oct–Dec;15(4):380–385.
- Lal S, Jha AK, Agrawal P, Kumar A, Jalan D, Sharma D. Triple-Segmental Shaft Femur Fracture: A Case Report. *J Orthop Case Rep*. 2025 Sep;15(9):149–153.
- Jalan D, Garg P, Prasad R, Khanna G, Singh DK. A Rare Case of Intraosseous Venous Malformation of Tibia in a Young Female – A Diagnostic Dilemma. *J Orthop Case Rep*. 2025 Sep;15(9):265–269.
- Kumar N, Saifi AS, Singh U, Jalan D, Sinha S, Singh DK. Ultrasound-guided release of the fibro-osseous tunnels around the wrist and hand: A technical review. *Br J Radiol*. 2025 Jul 22; (ahead of print). PMID: 40694358.
- Singh DK, Jalan D, Narwani A, Kumar N, Rustagi A, Saifi AS, Singh U, Kaur S, Nischal N. Assessment of neurovascular bundle involvement by an extremity sarcoma on MRI: a critical decision for sarcoma surgeon. *Skeletal Radiol*. 2025 Sep;54(9):1803–1810.
- Sreenivasan R, Kumar R, Walia SK, Singh D. Image- guided intervention for targeted management of musculoskeletal infections: A case series. *Indian J Musculoskelet Radiol*. 2026; 8:119-23. (EMBASE indexed)
- Singh DK, Jalan D, Narwani A, Kumar N, Rustagi A, Saifi AS, Singh U, Kaur S, Nischal N. Assessment of neurovascular bundle involvement by an extremity sarcoma on MRI: a critical decision for sarcoma surgeon. *Skeletal Radiology*. 2025 Sep;54(9):1803-10.

Singh DK, Nischal N, Khanna G, Jalan D, Rustagi A, Kumar N, Kaur S, Yadav N, Vemuri NV, Botchu R. MRI of soft tissue tumours: a structured “8S framework” aligned with WHO 2020 classification. *Skeletal Radiology*. 2026 Mar 25:1-7.

Singh DK, Kumar N, Bhardwaj K, Jalan D, Rustagi A, Saifi AS, Singh U. Modified thermal modulation for safe radiofrequency ablation of spinal osteoid osteoma: a pilot study. *European Spine Journal*. 2025 Aug;34(8):3540-8.

Singh DK, Kumar N, Jalan D, Khanna G, Rustagi A, Saran S. Aggressive bone tumours: what a radiologist can offer to the surgeon? *British Journal of Radiology*. 2025 Jan;98(1165):1-2.

Talwar J, Keer NS, Krishna LG, Rustagi A, Siwach I. Complex Revisions in Total Hip Arthroplasty Amidst COVID-19 Delays: A Case Report. *Journal of Orthopaedic Case Reports*. 2025 Feb;15(2):141.

Kankane A, Rustagi A, Jain U, Krishna L, Talwar J. Juxta-Articular Synovial Hemangioma of the Ankle: A Rare Benign Tumor. *Cureus*. 2025 Apr 2;17(4).

Utkarsh J, Gupta V, keer NS. Isolated double Hoffa fracture of the distal femur without intercondylar extension: a rare case report. *J Orthop Case Rep*. 2025 Sep;15(9):66-70.

Verma PD, Soni M, Gupta V. Effectiveness of DOTS regimen in management of tubercular spine. *Int J Curr Pharm Rev Res*. 2025;17(12):752-756.

In indexed national journal: Singh J, Shaina S, Patralekh M. Study of cervical spine alignment in cervical spondylitis. *IJSR*.13(11):1-3

Karthik B, Palanivelrajan, Sharma BP, Jain V, Lal H, Vishnu S. Arthroscopic synovectomy with loose bodies removal in a case of synovial chondromatosis of knee joint. *Int J Res Orthop* 2025;11:936-8.

Talwar J, Keer NS, Krishna LG, Rustagi A, Siwach I. Complex Revisions in Total Hip Arthroplasty amidst COVID-19 Delays: A Case Report. *Journal of Orthopaedic Case Reports* 2025 February;15(2): 141-145.

Kankane A, Rustagi A, Jain U, et al. (April 02, 2025) Juxta-Articular Synovial Hemangioma of the Ankle: A Rare Benign Tumor. *Cureus* 17(4): e81596.

Rajvanshi U, Gupta J, Prasad R, Garg A. Inflammatory pseudotumour of nerve mimicking a benign peripheral nerve sheath tumor-a rare presentation of an uncommon entity. *The Egyptian J of Radiology*. 2025. 56(1); 1-5,2025.

Aggarwal N, Bargunam P, Prasad R, Khanna G, Singh DK. Exploring unconventional sites of bone metastasis: a comprehensive exploration of common and uncommon tumors in the Lesser-Known realms. *Surgical and Experimental Pathology*. 2025 Apr 7;8(1):8

Jose A, Singh U, Bargunam P, Saifi AS, Rajendran P. From rib to groin: An unusual case report of chest wall leiomyosarcoma with distant lymphatic spread. *Med Rep*. 2025 Oct 1; 13:100300.

Malik V, Khanna G, Bargunam P, Bhardwaj R. Nerve Sheath Myxoma Masquerading as a Parotid Tumor-A. *The Turkish Journal of Ear Nose and Throat*. 2025;35(1):1-4.

Chandrashekhar TN, Reddy AN, Bargunam P, Raheem SA, Siddalingamurthy RA. Parotid rhabdomyosarcoma with spindle cell features masquerading as a benign salivary gland tumour: Pitfall alert. *Revista Española de Patología*. 2025 Apr 1;58(2):100808.

Suneja S, Khanna G, Kapoor R, Programme Evaluation of Electives in the New CBME Curriculum in Indian Medical Education. March 2025. *Medical Science Educator*.

Sureka N, Arora S, Ish P, Khanna G. Programmed Cell Death-Ligand 1 Expression and CD8 Positive Tumor-Infiltrating Lymphocyte Density in Non-Small Cell Lung Carcinoma and Its Association with Histopathological Grading”. *Monaldi Archives for Chest Disease* 2025.

Vashistha M, Capoor MR, Khanna G, Chaudhary N. Revisiting clinicomycological and immunological aspects of fungal rhinosinuitis during COVID-19 pandemic. December 2025. Indian Journal of Medical Microbiology 59:101036.

Saran S, Suri S, Kumar N, Jalan D, Khanna G, Nischal N, Singh DK. Sclerotic Bone Lesion: A Novel Modification in Biopsy Technique to Increase Diagnostic Yield. Indian J Radiol Imaging. 2025 May 17;36(2):247-249.

Saran S, Kumar N, Suri S, Boruah T, Khanna G, Walia SK, Singh DK. Image-Guided Percutaneous Spinal Biopsy: CT or C-Arm Guidance? Indian J Radiol Imaging. 2025 Jun 4;36(1):12-20.

CRITICAL CARE

PUBLICATIONS OF FACULTY/ RESIDENTS

Articles In Indexed Journals

Kanchi M, Aswathappa PG, Choudhury AH, Kumar NS, Havaladar AA, Havaladar AA, Rangappa R, Reddy KS, Nanjundappa RK, Reddy MD, Bhardwaj V, Kola VR, Chhabra PH, Maiti A, Kooloth R, Shyamsundar S. Position statements on use of ultrasound in intensive care unit. J Acute Care. 2024;3(3):111-133.

Li A, Nasa P, Myatra SN, et al. Evaluation of clinical research priorities in Asian intensive care units (ERA-ICU). J Intensive Care. 2025;13:47.

Arora P, Nayar P, Choudhury AH, Kohli S, Savithri H. Comparison of intranasal dexmedetomidine and midazolam as premedication in children undergoing cardiac surgeries and procedures. Acta Med Bulg. 2025;52(1):7-13.

Jain VK, Seth A, Kumar R, Yazhini AA, Kohli S. Comparison of jaw thrust and backward-upward-rightward pressure (BURP) manoeuvre with conventional technique on glottic visualization and intubation characteristics using C-MAC video laryngoscope. J Anaesthesiol Clin Pharmacol. 2025;41(2):304-10.

Devrajan G, Chhabra PH, Guria S, Gupta K. Comparison of intravenous with perineural dexamethasone for ultrasound-guided erector spinae plane block in patients undergoing modified radical mastectomy: A randomized controlled trial. J Anaesthesiol Clin Pharmacol. 2025;41(2):357-62.

Mullick P, Kumar A, Prakash S, Jain S. Perioperative dental injury awareness among anesthesiologists. J Anaesthesiol Clin Pharmacol. 2025;41:119-25.

Garg A, Gautam N, Jain S. Comparative efficacy of two doses of preoperative budesonide nebulization in preventing postoperative sore throat following laparoscopic cholecystectomy: A randomized controlled trial. Bali J Anaesthesiol. 2025;9:143-9.

Gayaz M, Talwar V, Aggarwal S, Krishna B. Comparison of dexmedetomidine and ketamine on haemodynamic changes and perioperative analgesia in patients undergoing dorsolumbar spine surgery: A randomized controlled trial. Indian J Clin Anaesth. 2026;13(1):129-137.

Kanagavalli K, Krishna Murthy M, Gopi Chandran L, Talwar V. Effectiveness of nurse-led training program on evidence-based guidelines in the reduction of ventilator-associated pneumonia: A scoping review. TPM. 2025;32(Suppl 9):1071-1087.

Gupta S. Ultrasonographic assessment of diaphragmatic parameters for predicting weaning outcome in patients on mechanical ventilation in the intensive care unit setting. *Indian J Anaesth.* 2022;66(Suppl 1):S72-3.

Antony S, Mustafi SM, Talwar V, Kumar A, Kohli S. Ultrasound assessment of quadriceps muscle layer thickness as a predictor of outcome in critically ill patients. *Eurasian J Emerg Med.* 2026;25(1):90-97.

Book Chapters

Choudhuri AH, Chhabra PH, Ahuja B (2025). Chest Imaging in the ICU. In: Chawla R, Todi S (eds) *ICU Protocols*. Springer, Singapore.

Choudhuri AH, Bhadoria A, Mishra S (2025). Research Methodology in Critical Care. In: Chawla R, Todi S (eds) *ICU Protocols*. Springer, Singapore.

Articles In Newsletters

Dr. Santvana Kohli

ISA Newsletter April 2025 on “A Transformative Week at Kudankulam”

ISA Newsletter December 2025 on “Why Anaesthesiologists are quietly sneaking into side-hustle Stardom”

Dr. Priyanka H. Chhabra

ISA Newsletter May 2025

ISCCM Newsletter September 2025

CTVS

PUBLICATIONS OF FACULTY/ RESIDENTS

Publications in indexed journals

Sridhar DR, Pramanik S, Dhar DR, Agarwal TM, Gupta A. Comparison and evaluation of outcomes of upper and lower limb vascular trauma: A single-centre retrospective observational study. *Eur J Cardiovasc Med.* 2025;15(7):224-230.

Sridhar DR, Kumar M, Dhar DR, Rai A, Gupta A. Cardiac reverse modelling outcomes following aortic valve replacement in isolated severe aortic stenosis in patients with preoperative normal left ventricular function versus left ventricular dysfunction: A single-centre study. *J Heart Valve Dis.* 2025;30(7):147-153.

Dhar DR, Kumar M, Gupta M, Gupta A, Padhy AK. Early postoperative outcomes following the modified Bentall procedure: A retrospective analysis from a single tertiary care centre. *J Heart Valve Dis.* 2025;30(9):15-20.

Dhar DR, Padhy AK, Pramanik S, Balakrishnan I, Gupta A. Pulmonary endarterectomy: Initial single-centre experience. *J Heart Valve Dis.* 2025;30(10):131-135.

Rai A, Padhy AK, Gupta M, Gupta A, Sharma V. A comparative study on early outcomes of off-pump and on-pump coronary artery bypass grafting: A retrospective study. *J Heart Valve Dis.* 2025;30(10):96-102.

Rai A, Kumar M, Pramanik S, Gupta A. A case series on the surgical management of infective endocarditis. J Cardiovasc Dis Res. 2025;25(9):75-84.

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Agarwal T, Padhy AK, Sharma V, Sridhar DR, Gupta A. Retrospective analysis of robotic-assisted thoracic surgery outcomes at VMMC Hospital: A comprehensive review. Eur J Cardiovasc Med. 2025;15(7):324-328.

Agarwal T, Padhy AK, Popli K, Gupta A, Hadiya N. Edge-to-edge mitral valve repair with aortic valve surgery: A case series on early outcomes. J Heart Valve Dis. 2025;30(8):243-249.

Lakhote AB, Pramanik S, Kumar M, Padhy AK, Popli K, Gupta M, et al. Coronary endarterectomy with coronary artery bypass grafting in diffuse coronary artery disease: A single-centre experience. Heart India. 2026;14:102-111.

DENTAL SURGERY

PUBLICATIONS OF FACULTY/RESIDENTS

Kaur H, Bhardwaj GM, Jain A, Mutneja P, Rajan S. Transforming dentistry: Role of AI in oral health care. Liberte J. 2025;13(1).

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT IF ANY

Swasth Naari Sashakt Parivaar (SNSP) abhiyan

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

Work on construction of the patient waiting area was started in 2025

DERMATOLOGY

PUBLICATIONS OF FACULTY/ RESIDENTS

Publications in indexed journals

1. Antakanavar GM, Sahoo B, Priyadharshini BV, Barman KD, Sharma N. Occupational dermatoses amongst health care workers in Indian scenario. Int J Sci Res. 2025;14(4):84-88.
2. Yadav K, Kathuria S, Khunger N. Sexually transmitted molluscum contagiosum at the nipple-areolar complex. Indian J Sex Transm Dis AIDS. 2025;46(1):98-99.
3. Srivastava P, Srivastava P, Khunger N. Repigmentation of vitiligo universalis after starting antitubercular therapy. Indian Dermatol Online J. 2025;16(1):174-175.
4. Srivastava P, Pulumati A, Dash A, Khunger N. Kissing lesions in dermatology. Indian J Dermatol Venereol Leprol. 2025;91(2):1-4.
5. Dhatarwal N, Khullar G, Monga A, Bhargava A, Khunger N, Muralidhar S. Syndromic and aetiological profile of patients attending STD clinic during COVID-19. Indian J Postgrad Dermatol. 2025;3(2):138.

6. Kathuria S, Gautam Y, Khunger N, Sharma S, Singh R. Reworking the treatment of Indian post kala-azar dermal leishmaniasis: a two-step therapy. *J Vector Borne Dis.* 2025;62(2):248-251.
7. Rathi P, Srivastava P, Khunger N, Yadav K. A hairy encounter: black hairy tongue after linezolid therapy in an ecthyma patient. *Indian J Pharmacol.* 2025;57(4):279-280.
8. Harsh FN, Srivastava P, Khunger N, Sharma S, Krish K. Not just a bleeding scar: the mystery of cesarean scar endometriosis. *Indian Dermatol Online J.* 2025;16(6):999-1002.
9. Goyal A, Lachyan A, Muralidhar S, Khunger N. Venereal disease research laboratory test-reactive syphilis cases from 2018 to 2022 in North India: trends across pre-, during-, and post-COVID periods. 2025;2(9):0-45.
10. Sharma R, Khunger N, Poddar S. Dermoscopy as a novel tool to examine and assess treatment response of acne scars: a pilot study in an Indian population. *J Cutan Aesthet Surg.* 2025;18(3).
11. Verma S, Panda PS, Muralidhar S, Rajan S, Khunger N. Traditional versus reverse algorithm for diagnosis of syphilis: an Indian perspective from a national referral laboratory for sexually transmitted infections. *Indian J Sex Transm Dis AIDS.* 2025;46(1):25-30.
12. Goyal A, Kathuria S, Dash A, Meena SS, Khunger N. Oral sirolimus in blue rubber bleb naevus syndrome: evidence of safety, efficacy, and improved quality of life. *Indian J Dermatol Venereol Leprol.* 2025;91(5):1-3.
13. Hosthota A, Khunger N, Tampi AS, Ravi A, Sethunath S, Narayanaswamy LH. The impact of biofilms in dermatology: the fortified enemies. *Our Dermatol Online.* 2025;16(2).
14. Srivastava P, Harsh FN, Khunger N. The evolutionary enigma of homosexuality: unraveling genetic, epigenetic, and social dimensions. *Indian J Sex Transm Dis AIDS.* 2025;46(1):97-98.
15. Srivastava P, Dash A, Khunger N, Srivastava P. Breaking barriers: how hypospadias increases gonorrhea risk. *Indian J Sex Transm Dis AIDS.* 2025;46(1):102-103.
16. Dash A, Srivastava P, Khunger N, Sharma S. Verrucous growth on the glans penis: a clinical conundrum! *Indian J Dermatol Venereol Leprol.* 2025;91(5):674-676.
17. Rathi P, Srivastava P, Khunger N, Gautam Y. Postcoital penile injury: torn frenulum in an 18-year-old male. *Indian J Sex Transm Dis AIDS.* 2025;46(1):103-104.
18. Harsh F, Garg H, Srivastava P, Khunger N. Penile beading in a Nepalese man with latent syphilis: a case study on cultural sensitivity in venereology. *Indian J Sex Transm Dis AIDS.* 2025;46(1):62-64.
19. Srivastava P, Singh V, Srivastava P, Misri R, Khunger N. Kissing nevus or divided nevus of the uncircumcised penis in an Indian man. *Indian J Sex Transm Dis AIDS.* 2025;46(1):64-66.
20. Rathi P, Srivastava P, Khunger N, Sharma S, Dash A. From clinical clues to histologic truth: a case of condyloma lata. *Indian J Sex Transm Dis AIDS.* 2025;46(1):88-89.
21. Muralidhar S, Anveshi AK, Gupta P, Lachyan A, Verma P, Khunger N. Empowering excellence in surveillance: strengthening and capacity building through supervisory monitoring visits. *Indian J Public Health.* 2025;69(Suppl 1):S78-S80.
22. Rathi P, Srivastava P, Khunger N, Dash A. Bullous eruption with paraphimosis: the unexpected dermoscopic clues. *Indian J Sex Transm Dis AIDS.* 2025;46(1):86-87.
23. Yadav K, Gautam Y, Rathi PV, Khunger N. The linear trail: a dermoscopic approach to diagnosing cunicosis. *J Skin Sex Transm Dis.* 2025;7(2):252-253.
24. Singh V, Srivastava P, Suresh P, Khunger N, Misri R. Innovative low-cost home-made iontophoresis device. *Indian J Postgrad Dermatol.* 2025;3(1):99.
25. Srivastava P, Singh P, Sharma P, Srivastava P, Khunger N. Asymptomatic digital swelling with nail changes: multiple subungual osteochondromas. *Indian J Dermatol Venereol Leprol.* 2025 Mar 11:1-3.

26. Dash A, Bansal S. Trichoscopy basics: tinea capitis revisited! *CosmoDerma*. 2025;5:53.
27. Kuchana P, Bansal S. Conference report: ONYCHOCON 2024, the 13th Annual National Conference of the Nail Society of India. *J Onychol Nail Surg*. 2025;2:65-68.
28. Yadav K, Dash A, Mehrotra K. The hyperpigmented puzzle on the penile shaft: a case of bowenoid papulosis. *Indian J Sex Transm Dis AIDS*. 2025;46:236-238.
29. Yadav K, Chayashree S, Puri P. From chronic pruritus to painful swelling: a rare vulvar transformation. *Indian J Sex Transm Dis AIDS*. 2025;46:248-249.
30. Yadav K, Chayashree S, Puri P. Cutaneous clues to a systemic secret: extensive xanthomas. *Indian Dermatol Online J*. 2025 Nov 19.
31. Yadav K, Rathi PV, Srivastava P, Khunger N. Dermoscopic decoding of a pedunculated scalp nevus: a visual guide. *J Skin Sex Transm Dis*. 2025;7:254-255.

Scientific writings in science magazines

Dr Sushruta Kathuria - IADVL Handbook of Therapeutic Pearls and Anecdotal Therapies in Dermatology

ENDO

PUBLICATIONS OF FACULTY/ RESIDENTS

Publications in indexed journals

Dutta D, Kamrul-Hasan ABM, Jindal R, Mohindra R, Nagendra L, Bhattacharya S. Impact of semaglutide use on glycemic and metabolic profile in adults with type 1 diabetes having overweight or obesity: a systematic review and meta-analysis. *Medicine (Baltimore)*. 2025;104(50):e46446.

Subham, Jindal R, Sharma SS, Uppal H, George S, Sharma R. Comparative effects of aerobic exercise, resistance exercise and yoga on metabolic profile and cellular ageing in type 2 diabetes mellitus. *Indian J Physiol Pharmacol*.

Dutta D, Kumar M, Jindal R, Joshi A, Kamrul-Hasan ABM, Bhattacharya S. Hypoglycemia during oral glucose tolerance test in pregnancy and feto-maternal outcomes: a systematic review and meta-analysis. *Indian J Endocrinol Metab*. 2025;29(4):381-393.

Dutta D, Jindal R, Raizada N, Nagendra L, Kamrul HA, Sharma M. Efficacy and safety of glucagon-like peptide-1 receptor agonism based therapies in obstructive sleep apnoea: a systematic review and meta-analysis. *Indian J Endocrinol Metab*. 2025;29(1):4-12.

Publications in non-indexed journals

Patidar D, Biswas K, Jindal R, Agarwal P, et al. A Rare Triad in Thyroid Autoimmunity: Case Report of Two Patients with Thyroid-associated Orbitopathy, Dermopathy, and Acropachy. Ann VMMC Safdarjung Hosp 2025;1(1):16–19.

Poster presentation

Dr. Diksha (DrNB resident)-A rare triad in thyroid autoimmunity- two interesting cases-presented in the virtual Endocrine club meeting organized by Endocrinology society of Delhi.

Dr. Nidhi (DrNB resident)- Poster presentation on 17/08/2025 DESCON, Topic- Primary Hyperparathyroidism presenting as Genu Valgum/ Varus mimicking rickets- osteomalacia in adolescent – case series.

Dr. Priya (DrNB resident)- Poster presentation on 4th February 2024 SPEEDCON, Topic- Clinically silent but hormonally functioning Adrenocortical carcinoma. An uncommon presentation.

ENT

PUBLICATIONS OF FACULTY/ RESIDENTS

Shamila Pk, Chaudhary N. Effect of Autologous Platelet-Rich Plasma on Thyroidectomy Scars: A Prospective Interventional Study in a Tertiary Care Hospital in India. Cureus. 2025; 17(6):e85404.

Gupta DK, Sharma NK, Chaudhary N, Agrawal U, Singh V. The expression of laminin-5 in malignant lesions of the oral cavity and its association with the aggressiveness of the tumor. Cureus. 2025;17(6):e85406.

Gupta DK, Singh V. Assessment of quality of life in chronic otitis media patients undergoing type I tympanoplasty. Cureus. 2025;17(4):e83060.

Gupta DK, Sharma NK, Chaudhary N, Agrawal U, Singh V. The expression of laminin-5 in malignant lesions of the oral cavity and its association with the aggressiveness of the tumor. Cureus. 2025;17(6):e85406.

Roy K, Bhagat S, Sahni D, et al. A cross-sectional study of audiological assessment in HIV positive children. Indian J Otolaryngol Head Neck Surg. 2025;77:1360–1366.

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR (New equipment/services).

Establishment of a Skill Laboratory for Ear, Nose, and Throat (ENT) training for MBBS students . This dedicated skill lab provides students with a safe and structured environment to practice essential clinical and procedural skills before performing them on patients.

BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY/ INTER-UNIVERSITY/ REGIONAL/ STATE/ NATIONAL LEVEL

Dr. Lavneesh Manchanda

Participation in inter-ministry music (singing) competition 2025-26 at CSOI.

Dr. Avani Jain

2nd place in women's Table tennis singles at ABVIMS & RML hospital inter medical college festival , 17th- 19th March 2025

2nd place in mixed doubles table tennis at ABVIMS & RML hospital inter medical college festival, 17th to 19th March 2025.

FMT

PUBLICATIONS OF FACULTY/ RESIDENTS

Roy D, Das S, Pradhan M, Tyagi Y, Tandon SK. Ingesting the future: Navigating the perils of Nano-liquid urea A case study & Review of Literature. Journal of Forensic Medicine and Toxicology, 2025;42(2):135-141.

Panga SK, Sharma D, Pandit JN, Pradhan M, Zaheer S. Haemothorax in the Context of HELLIP Syndrome: Unravelling the Etiological Dilemma - A Rare Case Report. Journal of Forensic Medicine & Toxicology, 2025;42(2):150-156.

Munesh Kumar, Arzoo Kadian, Vijay Sharma, S.K. Tandon, Mohit Gupta. Echoes of Deception: A Chronicle of Unusual Ventricular Pseudoaneurysm- A Case Series. International Journal of Medical Toxicology & Legal Medicine Volume 28, No. 2s1, 2025: 137-143.

Das S, Kumar M, Sharma V, Roy D, Tandon SK. Sudden deaths linked to undiagnosed intracranial colloid cysts of third ventricle on autopsy: Series of five cases. Medicine, Science and the Law. 2025:00258024251348729.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

During 2025, the Department of Forensic Medicine & Toxicology continued to strengthen medico-legal services by sustaining round-the-clock (24×7) post-mortem facilities, improving the efficiency and timeliness of investigations and supporting law enforcement agencies. The department further enhanced specialized services through its Clinical Forensic Medicine Unit and Gynae Forensic Unit and contributed to national academic outreach by organising a National E-Poster Competition under the aegis of the Indian Academy of Forensic Medicine.

HEMATOLOGY

PUBLICATIONS IN INDEXED JOURNALS

- Sahu M, Chaudhry S, Sharma M, Saluja S, Jain A, Jain A. Assessment of TNF α and IL-6 Levels in Indian Patients of CML and their Correlation with Early Molecular Response: An Observational Study. *Indian J Hematol Blood Transfus*. 2025;41(4):836-842.
- Jain A, Chaudhry S, Sharma M, Khunger JM. Inferior Outcomes of p230-CML with Imatinib: A Report of 2 Cases of p210/p230 Co-Expressed CML Showing Rapid Progression to Leukaemia Cutis along with the Systematic Review. *Indian J Hematol Blood Transfus*. 2025. Epub ahead of print.
- Vaishnavi Sreenivasan, Akshit Arora, Sumit Mehndiratta, J.M. Khunger, Anurag Narula, Aman Gaur, Amitabh Singh. Isolated Ocular Relapse of Pediatric Acute Lymphoblastic Leukemia. *Indian J Hematol Blood Transfus*. 2025.
- Jain A, Gupta P, Govil AJ, Chaudhry S. An Unusual Presentation of IgM Myeloma. *J Assoc Physicians India*. 2025;73(9 Suppl):46-48.
- Gupta N, Seth T, Aggarwal S, Atri S, Shaikh BA, Nigam RK, Jain A, et al. Revolutionizing Treatment Strategies through Inhibition of Tissue Factor Pathway Inhibitor: A Promising Therapeutic Approach for Hemophilia Management. *J Assoc Physicians India*. 2025;73(4):e47-e54.
- Jain A, Prasad P, Chaudhry S, Gupta DK, Saluja S. Eyelid Myeloid Sarcoma Heraldng Relapse of Acute Myeloid Leukemia in a Child: First Report from India and Literature Review. *Indian J Cancer*. 2025;62(3):432-435.
- Jain A. Extranodal NK/T-Cell Lymphoma, Nasal Type. *Turk J Haematol*. 2025;42(2):144-145.
- Gurjar H, Jain A, Wangkheimayum S, Varma S, Vijayvergiya R, Malhotra P. Danazol Causes Significant Changes in the Cardiometabolic Profile of Patients with Acquired Aplastic Anaemia. *Blood Cells Mol Dis*. 2025;112:102921.
- Jain A. A Young Woman with Severe Renovascular Hypertension due to Essential Thrombocytosis: Case Report and Literature Review. *J Hypertens*. 2025;43(7):1252-1255.

MEDICINE

Publications

- Biradar S, Suryawanshi H, Thakur MB. Intracranial bleed and cerebral venous sinus thrombosis in a 35-year-old female: a rare presentation of tubercular meningitis. *Int J Infection*. 2025;9(1):22-24.
- Suryawanshi HK, Biradar S, Thakur MB. Septic thrombophlebitis and embolic complications in an 18-year-old male: a rare case of reverse Lemierre's syndrome. *Int J Infection*. 2025;9(2):34-38.
- Shami A, Thakur MB. Correlation of serum copeptin, C-reactive protein and procalcitonin levels with APACHE II score in sepsis. *Intensive Care Med Exp*. 2025;13(1):000692.
- Jain N, Laisram N, Shekar C, Ranga S, Malik R. Rheumatic disorders of hand and shoulder in patients of type 2 diabetes mellitus and their correlation with microvascular complications. *J Med Sci*. 2025;11(1-4):38-44.
- Malik R, Malaviya AN. Continuous nonsteroidal anti-inflammatory drugs for the treatment of axial spondyloarthritis and cardiovascular disease: harmful, protective or neutral? *Indian J Rheumatol*. 2025;20(4):392-396.
- Rai A, Singh A, Gaur R, Verma A, Nikita, Gulati S, Malik R, Dandu H, Kumar A, Tandon R. MALAT1 is important for facilitating HIV-1 latency reversal in latently infected monocytes. *Gene*. 2025 Feb 5;936:149095.
- Gowda SP, Saluja S, Jain N, Malik R. Epidemiological, clinical, and laboratory profile of anemia in elderly population in North India. *J Lat Am Geriatr Med*. 2024;10(2).

Book chapters

Thakur MB, Sen R. Pregnancy as a mirror to systemic diseases. In: Bhardwaj BL, Sibia RPS, Prakash P, Bhardwaj K, Mohan G, editors. IACM Clinical Medicine Update 2025. New Delhi: Jaypee Brothers Medical Publishers; 2025. p. 644-648.

Microbiology

PUBLICATIONS OF FACULTY/ RESIDENTS

Kulkarni S, Kale V, Vidhate P, Sane S, Muralidhar S, Chawla R, et al. Assessment of the suitability of the dried blood spot samples for detection of treponemal antibodies using in vitro assays. Indian J Med Res. 2025;161(2):152-158.

Dhattarwal N, Khullar G, Monga A, Bhargava A, Khunger N, Muralidhar S. Syndromic and aetiological profile of patients attending STD clinic during COVID-19. Indian J Postgrad Dermatol. 2025;3:138-142.

Goyal A, Lachyan A, Muralidhar S, Dash A, Khunger N, Kumar S, et al. Assessing the effectiveness of HIV counseling and testing programs: a retrospective study at an apex regional STD centre in North India. J Pediatr Res Rev Rep. 2025;7(5):1-2.

Verma S, Panda PS, Muralidhar S, Rajan S, Khunger N. Traditional versus reverse algorithm for diagnosis of syphilis: an Indian perspective from a national referral laboratory for sexually transmitted infections. Indian J Sex Transm Dis AIDS. 2025;46(1):25-30.

Sharma D, Muralidhar S, Joshi NC, Singh R. An unsettling surge in multidrug-resistant and extensively drug-resistant *Neisseria gonorrhoeae*: insights from a national reference centre for sexually transmitted infections in India. Sex Transm Dis. 2025.

Muralidhar S, Verma P, Lachyan A, Gupta P, Sambyal S, Anveshi A, et al. Lessons learned from implementing a surveillance program for sexually transmitted infections in a large population. Majmaah J Health Sci. 2025;13(3):156-170.

Muralidhar S, Anveshi AK, Gupta P, Lachyan A, Verma P, Khunger N. Empowering excellence in surveillance: strengthening and capacity building through supervisory monitoring visits. Indian J Public Health. 2025;69(Suppl 1).

Muralidhar S, Lachyan A. Preparedness for sexually transmitted infection surveillance in India: the role of collaborative efforts in strengthening national systems. Indian J Public Health. 2025;69(Suppl 1).

Muralidhar S, Sharma D, Joshi NC, Panchal M, Karmakar S. Escalating antimicrobial resistance in *Neisseria gonorrhoeae* over four years: impressions of a national reference laboratory. Ann VMMC Safdarjung Hosp. 2025;1(1):1-5.

Goyal A, Lachyan A, Muralidhar S, Khunger N. Venereal disease research laboratory test-reactive syphilis cases from 2018 to 2022 in North India: trends across pre-, during-, and post-COVID periods. J Skin Sex Transm Dis. 2025:1-4.

- Kathuria S, Kuchana P, Khunger N, Yadav P, Sharma S, Gautam D, et al. Variable presentations and treatment outcomes of cutaneous histoplasmosis in immunocompetent individuals. *Natl Med J India*. 2025.
- Kathuria S, Suresh P, Capoor MR. Mycetoma due to rare fungus. *Indian J Postgrad Dermatol*. 2025;3:94-96.
- Vasistha M, Motwani M, Khanna G, Capoor MR. Revisiting clinico-mycological and immunological profile of fungal rhinosinusitis during COVID-19 pandemic. *Indian J Med Microbiol*. 2025.
- Madan NK, Agrawal M, Teckchandani V, Shaktivel V, Capoor MR, Das S. Nonpathogenic fungal contaminants in cytopathology specimens: beware the imitation. *J Cytol*. 2025;42(4):199-203.
- Goel A, Panda A, Jothi JB, Matlani M, Kumar S, Nair D. Prevalence of typhoid fever in dengue patients: insights from a retrospective study at a tertiary care hospital in Delhi. *Trop Doct*. 2025.
- Hawadak J, Goel A, Matlani M, Haider M, Kojom Foko LP, Singh V. Malaria epidemiology, clinical characteristics, and concurrent infections in Delhi, India: a hospital-based study. *J Infect Public Health*. 2026;19(1):103010.
- Chakraborty D, Bhatia M, Gupta P, et al. Assessment of the diagnostic accuracy of the modified Hodge test and modified carbapenem inactivation method for identifying carbapenem resistance mechanisms in *Klebsiella pneumoniae*: a whole genome sequencing-based exploratory study. *Cureus*. 2025;17(3).
- Bhatia M, Shamanna V, Nagaraj G, Gupta P, Omar BJ, Singh A, et al. Genomic characterization and antimicrobial resistance profile of *Salmonella* spp. clinical isolates: a single-centre hospital-based exploratory study from Uttarakhand, India. *Microb Pathog*. 2025;205:107686.
- Govekar S, Singh A, Goel A, Singh YR, Jha T, Puri O, et al. Utility of laboratory biomarkers as mortality predictors for melioidosis: a systematic review. *J Lab Physicians*. 2025;17:293-299.
- Anand S, Panda PS, Thomas BJ, Vats K, Haider M, Rynga D. *Staphylococcus aureus*: prevalence and shifting antibiotic landscape in clinical samples from a tertiary care hospital. *Int J Community Med Public Health*. 2025;12(9):3986-3990.
- Saksena R, Gautam D, Sisodia K, et al. A case of osteoarticular melioidosis misdiagnosed as extra-pulmonary tuberculosis from a low-endemicity region in north-western India. *ID Cases*. 2025;43.
- Sharma A, Saksena R. Swab, aspirate, or biopsy? A retrospective comparison of microbial yield and concordance in suspected pyogenic infections. *Surg Infect (Larchmt)*. 2025.
- Gautam D, Saksena R, Meghna C. A rare presentation of genitourinary melioidosis: isolation of *Burkholderia pseudomallei* from a prostatic abscess in a patient from Puducherry. *Cureus*. 2025;17(8).
- Raina S, Gautam D, Kumar R, Sisodia K, Mukhopadhyay C, Kaur H, et al. Unearthing the burden of melioidosis in North India: an emerging threat in a non-endemic region. *Curr Res Microb Sci*. 2025;8:100344.

Saksena R, Parida A, Jain M, Gaind R. Antibiotic use and antimicrobial resistance: knowledge, attitude and practices survey of medical students to evaluate undergraduate training curriculum. Access Microbiol. 2025;7(1):000638.v4.

Chapters in books/ guidelines

Dr. Manju Bala

1. Contributed to National Guidelines on Quality Management System (QMS) for Laboratories under the National AIDS and STD Control Programme (NACP) published by NACO in November 2025.
2. Expert for Chapter on “Structural and governance aspects” and chapter on “Testing processes” in National guidelines on Quality Management System for laboratories under National AIDS and STD Control Programme.
3. Chapter on “Laboratory Diagnosis of Genital Ulcer Diseases” in the IASSTD & AIDS Textbook of Sexually Transmitted Infections.

Dr. Sumathi Muralidhar

1. Contributed a Chapter on “Laboratory Diagnosis of Genital Discharge Diseases” in the IASSTD & AIDS Textbook of Sexually Transmitted Infections-being published by IASSTD-2025.
2. Contributed two chapters to National Guidelines on Quality Management System (QMS) for Laboratories under the National AIDS and STD Control Programme (NACP) published by NACO in November 2025.

Dr. Malini R. Capoor

1. Malini R Capoor, Textbook on Social and Preventive Medicine, 14 Chapter: Laws related to hospital waste management, NIHFw, MoHFW, 2025
2. Capoor MR. Hospital waste management (p82-89), Chapter 16, Hospital Manual, April 2025, DteGHS, MoHFW, p 1-220
3. Capoor MR, Goenka S. Fungal Zoonosis. In Manual of zoonotic diseases of public health importance, NCDC, MoHFW, 2025
4. Technical Guidelines for surveillance and reporting of healthcare-associated infections for District hospitals. MoHFW, NHSRC, 2025

Poster presentations

Dr. Pragyan S. Panda

“Rare but Resistant: Clinical and Antimicrobial Insights into Morganella Isolates.” Arpita Panda, Hitha Haridas, **Pragyan Swagatika Panda**, Biswajeet Sahoo, Deepthi Nair

Dr. Mohit Bhatia

1. “Clinico-microbiological Profile of Respiratory Viral Infections in Adults with Preexisting Pulmonary Conditions: A Hospital-based Observational Study” Apoorva Sharma, **Mohit Bhatia**. World Society for Virology Conference 2025 held in Kuala Lumpur from 06-05-2025 to 08-05-2025.

2. “Pulmonary Nocardiosis with Tuberculosis and Klebsiella Co-infection in an Immunocompetent Host: A Case Report” Praroop Garg, **Mohit Bhatia**. 4th South Asian Melioidosis Congress held in Guwahati from 26-11-2025 to 27-11-2025.

Nephrology

PUBLICATIONS OF FACULTY/ RESIDENTS

Kumar A, Mahajan S, Kumar R. Nephrotic syndrome with concurrent effusion from a different cause: a case series. *J Family Med Prim Care*. 2025 May;14(5):2053-2057.

Kumar A, Rajput M, Kumar R, Prasad P, Verma H, Mahajan S, et al. Postpartum renal cortical necrosis: experience from a tertiary care center in India. *J Nephrol*. 2025 Jul;38(6):1609-1618.

Kumar A, Rajput M, Kumar R, Mahajan S, Jain C. Sonographic rim sign in postpartum renal cortical necrosis: experience at a tertiary care centre. *Indian J Nephrol*. 2025 Jul-Aug;35(4):520-523.

Kumar A, Prasad P, Menon MC. Vincristine in FSGS: rediscovering an old therapeutic for FSGS. *Kidney Int Rep*. 2025 Sep 18.

Sharma S, Rampal S, Jaiman A, et al. Exploring musculoskeletal disorders in end-stage kidney disease: a systematic review. *Med J Malaysia*. 2025 Jan;80(1):102-107.

Sharma S, Agarwal A, Prasad P, Verma H. Patterns and prevalence of dyselectrolytemia in non-dialysis chronic kidney disease outpatients: a retrospective analysis from a tertiary care center in North India. *Kidney Int Rep*. 2025;10(2):S3.

Sharma S, Agarwal A, Prasad P, Verma H, Dey A, Jha S, et al. Screening for prevalence of tuberculosis among chronic kidney disease patients attending a nephrology OPD in an Indian tertiary care centre. *Kidney Int Rep*. 2025;10(2):S281.

Sharma S, Agarwal A, Prasad P, Verma H, Dey A, Jha S, et al. Concordance between Cy-TB and interferon gamma release assay (IGRA) for diagnosing latent tuberculosis infection in chronic kidney disease patients attending nephrology OPD in an Indian tertiary care centre. *Kidney Int Rep*. 2025;10(2):S281-S282.

Verma H, Sharma S, Prasad P, Agarwal A. Histopathological spectrum of glomerular diseases in a North Indian tertiary care center: a retrospective analysis. *Kidney Int Rep*. 2025;10(2):S212.

Prasad P, Verma H, Agarwal A, Sharma S, Gupta M. Use of a point-of-care test for urine albumin creatinine ratio estimation in diabetic patients. *Kidney Int Rep*. 2025;10(2):S131-S132.

Agarwal A, Verma H, Prasad P, Sharma S, Arora S, Binoy R. The unusual case series of PLA2R membranous nephropathy with PLA2R antigen absent and serum PLA2R antibody present. *Kidney Int Rep*. 2025;10(2):S202.

Sharma S, Kute V, Prasad N, Agarwal SK. One nation-one dialysis: breaking barriers, empowering lives. *Semin Dial*. 2025 May-Jun;38(3):166-175.

Sharma S, Chilaka R, Dassi M. Metabolic dysfunction-associated steatohepatitis: an important juncture in liver-kidney crosstalk. *Kidney News*. 2025;17(6):12.

Sharma S, Sharma N, Kalra S. Nitrocathexis and nitrokathexis. *Indian J Nephrol*. 2025.

Sharma S, Sharma A, Kapoor N, Sharma N, Saravanan P, Kalra S. Obesity-related glomerulopathy: a lesser known complication of obesity. *Curr Opin Endocrinol Diabetes Obes*. 2025 Sep 8.

Sharma S, Venkatesh P, Kalra S, Verma H, Kapoor N, Nagendra L, et al. Evidence-based guidelines for intravitreal anti-VEGF therapy for diabetic retinopathy in chronic kidney disease. *Diabetes Ther.* 2025 Sep 11.

Sharma S, Kumar A, Pradhan SS, et al. Guidelines on the management of delayed graft function in deceased donor kidney transplantation. *Indian J Transplant.* 2025;19(3):289-297.

Sharma S, Verma H, Kute V. Breaking barriers-understanding organ donation perceptions in the Indian transplant community. *Nephrol Dial Transplant.* 2025 Oct;40(Suppl 3):gfafl16.1865.

Sharma S, Jaiman A, Nagar M, Panwar M, Sharma N, Jaiman A. Practical challenges in the implementation of the NMC mentorship program for MBBS students in India and its potential solutions. 2025;1(1):9-12.

Sharma S, Jaiman A, Nagar M, Verma H, Sharma N, Jaiman A, Kumath M. Incorporating rural health and social accountability in the postgraduate medical curriculum: a proposal for structured immersion and evaluation framework. 2025;1(1):6-8.

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Agarwal A, Verma H, Prasad P, Sharma S, Arora S, Binoy R. WCN25-1817: The unusual case series of PLA2R membranous nephropathy with PLA2R antigen absent and serum PLA2R antibody present. *Kidney Int Rep.* 2025;10(2 Suppl):S202.

Poster presentation

Sharma S, Agarwal A, Prasad P, Verma H. Patterns and Prevalence of Dyselectrolytemia in Non-Dialysis Chronic Kidney Disease Outpatients: A Retrospective Analysis from a Tertiary Care Center in North India. *Kidney Int Rep.* 2025;10(2):S3.

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Neurology

Publications of Faculty / Residents

Devi E, Chandan SK, Rani D, Mohapatra DP, Verma S. Comparison of Clinical and Imaging Parameters in Patients With Neuromyelitis Optica Spectrum Disorder and Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease: A Prospective Observational Study. *Cureus.* 2025 Aug 11;17(8):e89840.

Rani D, Chandan SK, Devi E. Motor Unit Number Estimation for Evaluating Disease Progression and Comparison With Functional Rating Scale Scores in Patients With Amyotrophic Lateral Sclerosis. *Cureus.* 2025 Jun 4;17(6):e85348.

Gupta S, Bhatia R, Srivastava MVP, Haldar P, Singh MB, Salunkhe M, et al. Assessment of acute stroke care, stroke metrics and patient outcomes: analysis from the pre-implementation phase of the IMPETUS stroke study. *Front Neurol.* 2025 Dec 3;16:1697658.

Aathira NS, Kaur A, Kumar A, Dar GM, Nimisha, Sharma AK, et al. The genetic risk factors, molecular pathways, microRNAs, and the gut microbiome in Alzheimer's disease. *Neuroscience.* 2025 Jun 21;577:217-227.

Das R, Chatterjee A, Roy S. An interpretable Bayesian framework for Alzheimer's disease prediction with uncertainty quantification. *Neuroscience.* 2025 Nov 28;589:150-160.

Lee H, Chatterjee A, Mackenzie IR, Scott I, Beg MF, Popuri K, et al. Longitudinal behavioral and neuropsychiatric changes and their MRI correlates in predementia. *J Alzheimers Dis Rep.* 2025 Jun 19.

Senapati SB, Acharya A, Puppala S, Mahapatra AK. Book craniotomy: modified craniotomy for midline extradural hematoma. Patient series. *J Neurosurg Case Lessons.* 2025 Apr 28;9(17):CASE2518.

Acharya A, Senapati SB, Mahapatra AK, et al. Prospective Evaluation of Outcome and Surgical Management of Conus Lipoma in Eastern India. *Indian J Neurosurg.* 2025.

Acharya A, Mahapatra AK, Panigrahi S, Deo RC, Tripathy SR, et al. Bilobed Thoracic Myelocystocele: Rare Presentation. *Neurol India.* 2025 Sep 1.

Puppala S, Acharya A. Cognitive Dysfunction in Multi-system Atrophy. J Med Evid. 2025 Oct–Dec;6(4):350-353.

Singh M, Grover D, Kushwaha S. Broadening the Horizons of Mitochondrial Parkinsonism. Neurol India. 2025 Nov-Dec;73(6):1285-1286.

Poster Presentations

Soni A, Bajaj BK, Verma S, Kathait A. Subacute onset asymmetric parkinsonism: A report and review of literature of the uncommon presentation of Osmotic Demyelination Syndrome. Poster session presented at 27th DNaCON, New Delhi, 1st to 2nd February 2025.

Soni A, Bajaj BK, Puppala S, Gupta S. When Immunotherapy backfires: A case report of Progressive Multifocal Leukoencephalopathy in a patient with NMOSD on Rituximab and review of literature. Poster session presented at 32nd IANCON, Varanasi, Uttar Pradesh, 29th October to 2nd November 2025.

Social / Public Service Done by the Department

Awareness activities on epilepsy, Alzheimer's disease and stroke were conducted on 24th September 2025.

Students / Residents Attaining Distinctions

Dr. Deepshikha, Gold Medal in DM Neurology.

Significant Achievements During the Year

The Department of Neurology continued to provide comprehensive outpatient, inpatient and electrophysiological neurological services during 2025, with a substantial volume of clinical activity. Faculty members participated in national and international academic conferences, workshops and professional programmes in areas including stroke, epilepsy, movement disorders, neuroimmunology, dementia and neuromuscular disorders. The department also continued postgraduate and doctoral research through ongoing and completed theses and contributed to the neurological literature through publications and scientific presentations. Public awareness activities related to epilepsy, Alzheimer's disease and stroke were also conducted during the year.

Neurosurgery

Acharya A, Shankar KB. Evaluation of outcomes following decompressive craniectomy in patients with severe traumatic brain injury. Int J Curr Pharm Rev Res. 2025;17(7):1206-1214.

Ahuja S, Mankotia DS, Zaheer S. Pott's puffy tumour: A report of 2 cases highlighting tuberculosis as a microbiological cause. Rev Esp Patol. 2025;58(4):100843.

Ahuja S, Mankotia DS, Kumar N, Teckchandani V, Zaheer S. Navigating rare vascular brain tumors: A retrospective observational study. Cancer Res Stat Treat. 2025;8(2):92-100.

Tanwar I, Shankar KB, Mankotia DS. Giant orbital aneurysmal bone cyst. J Pediatr Neurosci. 2024;19(2):68-71.

Ahuja S, Mankotia DS, Zaheer S. Pediatric neurenteric cysts of the spine: A case report of two cases with review of literature. Asian J Neurosurg. 2026;21(2):365-373.

Parmar P, Yadav V, Mankotia DS, Shankar KB, Dagar A. Prognostic indicators for determining outcome in moderate to severe traumatic brain injury. Int J Acad Med Pharm. 2024;6(3); 615-621
Sarma P, Agrawal A, Sharma AK. Endovascular management of ruptured basilar perforator aneurysm: Nightmare of a treating neurosurgeon. Asian J Neurosurg. 2025.

Sarma P, Agrawal A, Sharma AK. Perfecting the skills in mechanical thrombectomy. J Cerebrovasc Sci. 2025;13(1):11-19.

Nuclear medicine

RESEARCH ACTIVITIES

Successful initiation of the Ph.D. Programme in Nuclear Medicine affiliated under GGSIPU, New Delhi.

DNB Programme in Nuclear Medicine is in the final stages of approval and implementation.

SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

The department has successfully initiated the following advanced PET imaging services:

Ga-PSMA PET Scan for Prostate Cancer
Ga-DOTANOC PET Scan for Neuroendocrine Tumors
68Ga-Exendin PET Scan for Insulinoma
68Ga-FAPI PET Scan

Obg

PUBLICATIONS OF FACULTY/ RESIDENTS

Singh L, Bajaj B, Yadav M, Sarin M, Kumari U, Tanwar P. Correlation of biochemical and endocrinological profile of infertile men with abnormal semen parameters. Fertil Sci Res. 2025;12:37.

Sahoo SM, Bajaj B, Kapoor G. Determinants of success in intra-uterine insemination. J Indian Med Assoc. 2025;123(7):23-28.

Negi R, Singh L, Bajaj B, et al. Retrospective analysis of sperm parameters in patients with positive intrauterine insemination outcome in a tertiary care hospital in North India. Int J Infertil Fetal Med. 2025;16(2):87-92.

- Dasgupta S, Suri J, Bharti R, Bachani S, Hazarika S, Singla H, et al. Maternal and perinatal outcome of peripartum cardiomyopathy: a single-center study in a tertiary referral unit of India. *J Obstet Gynecol India*. 2025.
- Sinha A, Khanam Z, Rani A, Pandey D, Gupta M, Suri J. Role of serum calcium and magnesium estimation at 20–28 weeks of gestation in prediction of pregnancy-induced hypertension. *J Obstet Gynecol India*. 2025.
- WHO ACTION-III PK-PD Collaborators. Population pharmacokinetics and pharmacodynamics of two dosing regimens of antenatal corticosteroids: protocol for a prospective nested study in a randomized controlled trial. *BMJ Open*. 2025;15(6):e096523.
- Pandey D, Suri J, Bharti R, Mittal P. Pregnancy outcome in Eisenmenger syndrome at an Indian tertiary care centre. *J South Asian Feder Obst Gynae*. 2025;16(2):68-73.
- Nagar Y, Bharti R, Baleja K, Malik A, Pandey D, Suri J. Middle cerebral artery pulsatility index for prediction of successful induction of labour in postdated pregnancy: a prospective observational study. *J Clin Diagn Res*. 2025;19(1):QC05-QC08.
- Saini R, Bachani S, Suri J, Gupta M, Gupta A, Sharma P, et al. Comparison of Hadlock and INTERGROWTH-21st growth charts for estimating fetal weight in the third trimester via ultrasound. *Cureus*. 2025;17(3):e81333.
- Talukdar D, Raju YJ, Jana P, Sharma K, Babele P, Kothidar A, et al. Genomic insights into the potency and functional roles of *Lactobacillus* species in term and preterm births. *Genomics*. 2025;117(4):111063.
- Rajput M, Bachani S, Suri J, Bharti R, Kumar A, Kumar R, et al. Acute kidney injury associated with acute fatty liver of pregnancy: an update on a rare clinical entity. *World J Nephrol*. 2025;14(4):110414.
- Kumar A, Rajput M, Kumar R, Prasad P, Verma H, Mahajan S, et al. Postpartum renal cortical necrosis: experience from a tertiary care center in India. *J Nephrol*. 2025;38(6):1609-1618.
- Rajput S, Mata S, Saxena U, Ota S, Gupta B. Ayurveda management of menorrhagia (Raktapradara): protocol for a randomized controlled trial. *JMIR Res Protoc*. 2025;14:e60801.
- Saxena U, Ota S, Rajput S, Anand B, Tripathi A, Singhal R, et al. Clinical evaluation of Ayush-SS granules in exclusively breastfeeding mothers with insufficient lactation: a randomized, double-blind, placebo-controlled trial. *Int Breastfeed J*. 2025;20(1):26.
- Tripathi S, Saxena U, Lachyan A, Prasad S. Role of antenatal breast milk expression and counselling on lactation performance. *Indian Obstet Gynaecol*. 2025.
- Saxena U, Lachyan A. Role of chorionic villus sampling in current invasive prenatal diagnosis. *J Fetal Med*. 2025.
- Bagchi N, Bagri N, Misra R, et al. Diagnostic efficacy of MR perfusion: quantitative and semi-quantitative analysis in the differentiation of benign and malignant adnexal masses. *Indian J Gynecol Oncol*. 2025;23:118.
- Nandi R, Misra R, Bagri N, Shamsunder S, Ahluwalia C. Quantitative diffusion and perfusion MRI as response predictor in cervical squamous cell carcinoma treated with concurrent chemoradiotherapy. *Indian J Radiol Imaging*. 2025.

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Bachani S, Gaikwad HS, Nischal S, Kashika, Tanwar J. Study of dietary pattern in women who develop hypertensive disorders of pregnancy. *Int J Reprod Contracept Obstet Gynecol*. 2025;14(9):2946-2950.

Mittal P, Raina N, Gaikwad H, Suneja A, Nagpal K, Mandal A, et al. Epidemiology of stillbirths in India: findings of a multisite hospital-based sentinel surveillance from 2016 to 2020 in North India. *BMC Pregnancy Childbirth*. 2025;25:895.

Nayar KD, Ghumman S, Sethi A, Bahadur A, Parikh F, Kapoor G, et al. Evidence-based recommendations for managing poor ovarian response. *Glob Reprod Health*. 2025;10(4):e0113.

Dinesan P, Marwah S, Pandurangan H. Enhancing maternal care: exploring the psychometric properties of antenatal care satisfaction instrument. *Malays J Nurs*. 2025;16(3):12-25.

Gupta S, Dhandapani G, Lukhmana S, Khokhar A, Marwah S. Out-of-pocket expenditure among post-natal patients in a tertiary care hospital in Delhi: a cross-sectional study. *J Med Evid*. 2025;6(3):235-240.

Kumari S, Manna S, Marwah S, Ahluwalia H, Panwar S. Oral contraceptive treatment improves cognitive performance in polycystic ovarian syndrome (PCOS) patients. *Arch Womens Ment Health*. 2025;28(6):1527-1534.

Marwah S, Agarwal A, Khushwaha SS. Approach to maternal sepsis – indicators and management. *AOGD Bull*. 2025;25(9):8-13.

Articles in Non-indexed journals

Aggarwal A, Marwah S, Bajaj B, Gaikwad HS, Isha, Zaheer S. Navigating the adnexal imbroglio- Learning the limitless. *AOGD Bulletin* Feb 2025 (second and corresponding author)
Marwah S, Saran A. Resuscitation of pregnant women. *National NARCHI periodical*. 2025;May:81-7.

Papers Presented

10th SEHA International Nursing, Midwifery and allied health conference, (SINMAC), Abu Dhabi UAE, 2024. Dineshan P, Marwah S, Pandurangan H .A Cross-Sectional Study To Evaluate The Satisfaction Of Low Risk Pregnant Women Regarding Midwife-Led Antenatal Care In A Tertiary Care Facility In India (Oral paper)

Marwah S, SuriJ, Bharti R, Bajaj B. A five-year Referral audit of critically ill obstetric women from a tertiary care health facility in India. *FIGO World Congress , Capetown, South Africa, October 2025 (Poster)*

AICOG Mumbai 2025. Agarwal A, Marwah S, Abhigya, Isha, Gaikwad HS, Bajaj B. Beyond the Surface: A Surprising Diagnosis of GIST of Ovarian Origin.(E-Poster)

AICOG Mumbai 2025. Abhigya , Marwah S, Gupta S, Gaikwad HS, Bajaj B. A Large Uterine Leiomyoma masquerading abdominal tumour- an account of an infrequent case.(E-Poster)

VPCON Noida 2025. Abhigya, Marwah S, Gaikwad HS, Bajaj B. Coarctation of aorta unmasked during pregnancy: a case report and multidisciplinary management approach. .(E-Poster)

NARCHICON 2025. September 2025. Abhigya, Marwah S, Gaikwad HS, Bajaj B

Chapters in a book

Dr Bindu Bajaj

Contributed a chapter in the annual publication of NHRC named Journal on Maternal and Child Health Care in India.

Bajaj, B., Raikwar, R., and Naniwadekar, M. “Maternal and Child Healthcare in India: A Journey of Progress, Journal of National Human Commission”, 2025, vol. 24, p. 123-133.

Contributed to development of guidelines on Faculty Based Newborn Care Operative Guidelines by Child Health Division Ministry of Health and Family Welfare (GOI) 2025.

Dr Upma Saxena

Editor, Postgraduate Obstetrics & Gynaecology Textbook and EEBR Placenta

Dr Garima Kapoor

Fertility preservation in Endometriosis , Early pregnancy scan in ART

Dr Sheeba Marwah

Marwah S, Saran A. Resuscitation of pregnant women. National NARCHI Periodical. 2025 May:81-87.

Marwah S, Saran A. Pregnancy in underweight and obese women. In: Malhotra N, editor. Postgraduate Obstetrics and Gynaecology Textbook. Delhi: Jaypee; 2025.

Marwah S, Saran A. Management of female reproductive issues in patients with spinal-cord injury and cerebrovascular accidents. In: Badhal S, editor. Sexual Rehabilitation: The Unspoken Unheard Need. Delhi: Jaypee; 2025.

Marwah S, Singh P, Raghav A. Pregnancy in extremes of age. In: Malhotra N, editor. Postgraduate Obstetrics and Gynaecology Textbook. Delhi: Jaypee; 2025.

Marwah S, Saran A. Obstetric HDU and ICU. In: Malhotra N, editor. Postgraduate Obstetrics and Gynaecology Textbook. Delhi: Jaypee; 2025.

Marwah S, Saran A. Team for optimal care and outcome. In: Vyas L, editor. Critical Care in Obstetrics. Jaipur: Jaypee; 2025.

Marwah S, Priyadarshinee L. Approach to diagnosis and management in couples with recurrent pregnancy loss. In: Tandulwadkar S, Vats V, editors. Progress in Obstetrics and Gynecology. Pune: Jaypee; 2025.

Marwah S, Goyal K. Pregnancy: Navigating the challenges of motherhood. In: Lodha P, Tandulwadkar S, editors. FOGSI Focus on Safe Motherhood. 2025.

Marwah S, Lipsa. EBR-counselling in recurrent pregnancy loss. In: Kale A, Tandulwadkar S, editors. FOGSI EBR on Recurrent Pregnancy Loss. 2025.

Marwah S, Saran A. Post-partum care innovations. In: Goyal P, Tandulwadkar S, editors. FOGSI Gyan Dipika – Maternal Health 360: The Revolutionary Innovations. Delhi: Jaypee; 2024.

Marwah S, Saran A. Hyperprolactinemia and galactorrhea. In: Mandrel K, editor. Textbook of Gynecology. Delhi: Elsevier; 2024.

Marwah S, Singh P, Abhigya. Menstrual disorders in adolescents. In: Malhotra N, editor. OBGY Clinics. Delhi: AOGD; 2024.

Marwah S, Saran A. Role of ultrasound to predict early pregnancy outcome. In: Saxena P, Sharma R, editors. Early Pregnancy: Practical Perspectives. Delhi: Jaypee; 2024.

OPHTHAMOLOGY

Publications of Faculty

Satish NM, Guliani NC, Rajshekhar V, Mittal H, Mehta A. The usual suspects: a case series on bilateral astrocytic hamartomas in tuberous sclerosis. J Ophthalmic Res Pract. 2025;3:1-5.

Satish NM, Mehta N, Sethi HS, Singh D, Mehta A. An unusual case of cranial metastasis masquerading as Foster Kennedy syndrome. Delhi J Ophthalmol. 2025;35:300-303.

Mittal H, Satish NM, Mehta A. Unilateral granulomatous uveitis: an unusual culprit. DOS Times. 2025;30(6):74-75.

Sethi HS, Satish N, Singh R, Sanjana, Duvesh RK. Per-operative biometry: a holy grail. ERWEJ. 2025;5(4):119-127.

Chopra K, Abrol S, Satish N. Emerging technologies transforming vision rehabilitation and eye care accessibility. JEFI. 2025;3(1 Suppl):54-65.

Chopra K, Abrol S, Satish N. Global policy and frameworks for assistive technology in eye care. JEFI. 2025;3(1 Suppl):46-53.

Kumar P, Abrol S, Satish N. Glaucoma drainage devices for beginners. DOS Times. 2025;31(2):66-71.

PEDIATRICS SURGERY

Publications

Yadav R, **Puri Archana**, Gupta J. Clinical insights in managing spontaneously ruptured pyogenic liver abscess with hepatoduodenal fistula. J Indian Assoc Pediatr Surg 2025;30(6):803-4.

Puri A, Totadri VM, Gupta J. Surgical insights and therapeutic challenges in the management of giant complex vascular malformation of the buttock. J Indian Assoc Pediatr Surg. 2026;31(3):475-478.

Chapters in the book

Puri Archana, Viji G, Garg V. Pediatric soft tissue sarcoma. In Babu R: IAPS Textbook of Pediatric Surgery 2nd Ed; Jaypee Medical Publishers, Delhi 2025; 646-61.

Puri Archana, Mishra Kiran, Anand Rama. Non Wilms' renal tumour In: Sarin YK (eds) Wilms tumour springer, Singapore (2025) <https://doi.org/10.1007/978-81-19-3428-5-39>.

Published abstracts

Anand A, Puri Archana, Garg V. Paediatric extragonadal teratomas: Diagnostic & therapeutic challenges. Published in the supplementary issue of J Ind Assoc Pediatr Surg, on 50th Annual conference held at AIIMS Rishikesh.

Sinha Sanskriti, Puri Archana, Garg Vaibhav. Coloplasty for Congenital pouch colon: Functional outcome analysis. Published in the supplementary issue of J Ind Assoc Pediatr Surg on 50th Annual conference held at AIIMS Rishikesh.

Charulata Naik, Puri Archana, Viji G, Garg Vaibhav. The enigma of pediatric distal oesophageal perforations: A case series. Published in the supplementary issue of J Ind Assoc Pediatr Surg on 50th Annual conference held at AIIMS Rishikesh.

Sinha Sanskriti, Puri Archana, Garg Vaibhav. Post pyeloplasty functional recovery in poorly functional kidney with unilateral congenital pelviureteric junction obstruction. Published in the supplementary issue of J Ind Assoc Pediatr Surg, on 50th Annual conference held at AIIMS Rishikesh,

Sharma Aditi, Puri Archana. Does overnight drainage improve renal functional and upper tract status in valve bladder syndrome? Published in the supplementary issue of J Ind Assoc Pediatr Surg, on 50th Annual conference held at AIIMS Rishikesh.

Anand Anshul, Puri Archana. Duckett tube urethroplasty revisited: A comprehensive outcome analysis, Published in the supplementary issue of J Ind Assoc Pediatr Surg, on 50th Annual conference held at AIIMS Rishikesh.

Charulata Naik, Puri Archana, Viji G Age at surgery an important determinant in post pyeloplasty functional recovery. Published in the supplementary issue of J Ind Assoc Pediatr Surg, on 50th Annual conference held at AIIMS Rishikesh.

PATHOLOGY

Rajvanshi U, Gupta J, Prasad R, Garg A, Nakhro N, Singh D, et al. Inflammatory pseudotumor of nerve mimicking a benign peripheral nerve sheath tumor—a rare presentation of an uncommon entity. Egypt J Radiol Nucl Med. 2025;56.

Sharma N, Sharma S, Singh M. The Papanicolaou Society of Cytopathology system for reporting respiratory cytology: to establish efficacy and ease to use in routine cytology practice. J Adv Lung Health. 2025;5:20-24.

Saini A, Sharma A, Singh M, Goyal S, Narang M, Ranga S. Evaluation of neutrophil cluster of differentiation 64 (CD64) in adult sepsis as a novel diagnostic biomarker. Med Lab J. 2025;19(3):17-21.

Surekha N, Sharan S, Ahluwalia C, Ahuja S, Ranga S. Diagnostic utility of bronchoalveolar lavage in pulmonary disorders. Rev Esp Patol. 2025;58(3):100830.

Sharan S, Surekha N, Ahluwalia C, Ahuja S, Ranga S. Cytomorphological patterns in bronchoalveolar lavage in the diagnostic evaluation of pulmonary diseases. Rev Esp Patol. 2025;58(2):100803.

Surekha N, Ahluwalia C, Ahuja S, Madan NK, Agrawal M, Ranga S. Assessment of thyroid fine-needle aspirates using 2023 Bethesda System. Acta Cytol. 2025;69(3):280-290.

Ahuja S, Khan AA, Ahluwalia C, Ranga S. Application of the WHO reporting system for soft tissue cytopathology with assessment of risk of malignancy: a retrospective study. *J Am Soc Cytopathol.* 2025;14(1):44-54.

Shakthivel V, Ahluwalia C, Ahuja S, Ranga S. Diagnostic accuracy of the WHO System for Reporting Lung Cytopathology: a retrospective analysis. *Diagn Cytopathol.* 2025;53(1):27-34.

Arvind A, Khambra P, Sharma S. Significance of platelet parameters in preeclampsia: a prospective cross-sectional study from a tertiary care centre in North India. *Asian J Med Sci.* 2025;16(8):41-47.

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Shah A, Malik S, Khan AA, Ahluwalia C. Tumor budding in invasive breast carcinoma and its association with clinicopathological parameters: an experience from a tertiary care center in India. *Korean J Clin Oncol.* 2025;21(1):13-19.

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Khan AA, Nagar N, Ahluwalia C, Ahuja S. Bilateral primary ovarian clear cell carcinoma in a multiparous perimenopausal woman. *Rev Esp Patol.* 2025;58(3):100823.

Garg A, Bagri N, Bhayana A, Ahluwalia C, Misra R. Primary retroperitoneal lipoleiomyoma: a rare differential of retroperitoneal fat-containing lesions. *Egypt J Radiol Nucl Med.* 2025;56(1).

Mishra A, Gupta C, Shamsunder S, Kolte S, Malik S. Vulval myxoma in a young female: an extremely rare occurrence. *J Obstet Gynaecol India.* 2025;75(Suppl 1):556-559.

Rajendiran I, Khan AA, Kolte S, Raj N. Double trouble: a rare case of intestinal tuberculosis and Taenia co-infection with comprehensive review of literature. *Indian J Surg Oncol.* 2025;16(6):1523-1527.

Kataria R, Ghasi RG, Kataria SP, Kolte S. Dynamic contrast enhanced MRI in nodal lymphoma: correlation of quantitative MR perfusion parameters with lymphoma subtype, Lugano stage, and Ki-67 index. *Br J Radiol.* 2025;98(1168):586-591.

Chadha S, Kolte S, Shamsundar S. A retrospective audit of frozen section accuracy against final histopathology in borderline ovarian tumors: a single-center analysis. *Indian J Gynecol Oncol.* 2025;23:91.

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Ahuja S, Zaheer S. Systematic review and meta-analysis of the Papanicolaou Society of Cytopathology (PSC) system in diagnosing pancreatic lesions: evaluating diagnostic accuracy. *Rev Esp Patol.* 2025;58(3):100820.

Malik S, Zaheer S. The impact of liquid biopsy in breast cancer: redefining the landscape of non-invasive precision oncology. *J Liq Biopsy.* 2025;8:100299.

Aden D, Zaheer S, Surekha N, Trisal M, Chaurasia JK, Zaheer S. Exploring immune checkpoint inhibitors: focus on PD-1/PD-L1 axis and beyond. *Pathol Res Pract.* 2025;269:155864.

Dubey A, Ahuja S, Zaheer S. Prognostic significance of tumor budding in endometrial cancer: clinicopathological insights. *Korean J Clin Oncol.* 2025;21(1):9-12.

Chouhan S, Zaheer S. Mucinous cystic neoplasm of gall bladder lacking the usual ovarian-like mesenchymal stroma. *Indian J Surg Oncol.* 2025;16(2):717-721.

Rathore R, Ahuja S, Gautam A, Chouhan S, Zaheer S. Massive plexiform neurofibroma involving multiple salivary glands: a rare case report. *Indian J Otolaryngol Head Neck Surg.* 2025;77(4):1903-1906.

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Dr. Renu Yadav

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Tiny lung, Big Challenges – ISPR Indore 2025

Unmasking many faces of Rhabdomyosarcoma at ISPR 2025 Indore.

Poster presentation

Dr. Anuradha Sharma

ISGAR 2025:

Unveiling the unusual: imaging insights into rare forms of pancreatitis

Plain but powerful role of NCCT in Acute Abdomen

Comparative Evaluation of Bi-parametric and Multiparametric MRI in the Detection of Muscle-Invasive Bladder Carcinoma

The peri-biliary puzzle”: Making our Way Through the Maze of Peri-biliary Pathologies

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Presentations/ Poster/ Paper

Dr Siddharth Verma

Video Presentation in NZUSICON 2025-Robot Assisted Laparoscopic Totally Intracorporeal Ileocalicostomy- For Long Segment Ureteric Stricture

Video Presentation in RUFCON 2025- Robot Assisted Laparoscopic Totally Intracorporeal Ileal Ureter

Dr Gaurav Vashist

Video presentation RUFCON 2025 - Robot assisted Adrenalectomy for large adrenal myelolipoma

Dr Aniket Sharma

Video Presentation NZUSICON- Complications of robot assisted partial nephrectomy - our experience

Video Presentation NZUSICON- Missed congenital bladder diverticulum post augmented anastomotic urethroplasty

Poster Presentation USICON- From Obstruction to Perforation: Managing Inferior Vena Cava Injury During Percutaneous Nephrostomy in Cervical Cancer Obstructive Uropathy

Dr Dheerain Gupta

Poster Presentation NZUSICON-When embarrassment turns deadly: a rare occurrence of Fournier's gangrene in a neglected urethral foreign body

Poster Presentation NZUSICON- Recurrent UTIs in an adult with a solitary functioning kidney: trailing mishaps of misdiagnosed BOR syndrome

Poster Presentation USICON-When embarrassment turns deadly: a rare occurrence of Fournier's gangrene in a neglected urethral foreign body

Poster Presentation USICON- Recurrent UTIs in an adult with a solitary functioning kidney: trailing mishaps of misdiagnosed BOR syndrome

Dr Sambit Kar

Poster Presentation NZUSICON- “Malignant masquerade - A rare case paratesticular malignant mesothelioma” has been “Accepted for Moderated Poster”

Video Presentation USICON- Robotic Urology, titled “Robot assisted laparoscopic partial nephrectomy for large renal hilar tumor - Case series of an unconventional and challenging approach”.

laparoscopic partial nephrectomy for large renal hilar tumor - Case series of an unconventional and challenging approach

Dr Biswajeet Sarmah

Poster Presentation NZUSICON : Massive Ewing’s sarcoma of kidney with IVC thrombus: Chemotherapy followed by consolidation surgery as a curative option.

Dr Praneeth Chowdhary

Video Presentation NZUSICON- Combined RARP with inguinal hernia repair: A rational approach

Poster Presentation NZUSICON- Management of Fossa navicularis and meatal reconstruction using minimal invasive novel approach

Video Presentation USICON- Laparoscopic management of paraganglioma of Organ of Zuckerkandl: A rare and unconventional surgical challenge