Department of Transfusion Medicine

Publications in the last one year

1. Manuru S, Mittal K, Kaur R, Pandey AK, Kaur P, Kaur G, Sharma S. Effect of red blood cell processing on hemoglobin increment in oncology patients. Hematol Transfus Cell Ther. 2026;48:106503. https://doi.org/10.1016/j.htct.2026.106503.
2. Bhartia R, Kaur P, Mittal K, Tahlan A, Gupta V, Kaur R, Kaur G. Coagulation factor stability and sterility of thawed fresh frozen plasma stored at 2-6 o C for five days: Towards optimizing utilization. Hematol Transfus Cell Ther. 2025;47:103988. doi: 10.1016/j.htct.2025.103988.
3. Kaur R, Mittal K, Cheema R, Aggarwal H, Kaur P, Kaur G, Takkar N, Chawla D. Assessment of Alloantibody Presence in Breast Milk of Rh D-Negative Mothers. Indian J Hematol Blood Transfus 2025;32: 2008-13. https://doi.org/10.1007/s12288-025-02224-3.
4. Aashiqeen N, Kaur P, Kaur R, Jain S, Goel P, Mittal K, Kaur G. Comparison of Anti-A and Anti-B isoagglutinin titers by conventional tube and column agglut-ination technique in O Rh-D Positive mothers and their impact on neonatal out-comes. Transfus Apher Sci. 2025. 64:104170.https://doi.org/10.1016/j.transci.2025.
5. Garg A, Kaur R, Sood T, Palta A, Mittal K, Kaur P, Kaur G. Impact of oral iron supplementation on first-time whole blood donors deferred due to low haemoglobin. Transfus Clin Biol. 2025; 32:141-146.
6. Mittal K, Kaur P, Kaur R, Kaur G, Parmar A, Sharma S. Trends in syphilis seroreactivity among blood donors: A 17-year retrospective analysis and follow-up at a tertiary care hospital.Transfus Apher Sci. 2025;64:104068. doi: 10.1016/j.transci.2025.
7. Sharma D, Kaur R, Sood T, Palta S, Mittal K, Kaur P, Kaur G, Sharma S. Incidence and risk factors of acute transfusion reactions in patients admitted in Intensive care unit on active monitoring after transfusion. Transfusion Clinique et Biologique 2025. Transfus Clin Biol. 2025;32:147-152. https://doi.org/10.1016/j.tracli.2025.02.007.
8. Muraleedharan V, Kaur P, Mittal K, Palta S, Kaur R, Kaur G. Effect of platelet storage duration on platelet increment and clinical outcomes in critically ill patients - A randomised controlled trial. Transfus Clin Biol. 2025;32(1):20-27. doi: 10.1016/j.tracli.2024.11.001.

Conference/CME organised

1. CME on “Quality Systems: A pillar of safe and effective transfusion services” was held on April 25, 2025 in collaboration with the International Society of Blood Transfusion.
2. CME on ‘Understanding blood component therapy: from basics to bedside was held on April 10, 2026 in collaboration with the International Society of Blood Transfusion.

Awards

Dr. Ravneet Kaur was awarded V.L. Ray Award at TRANSMEDCON 2025 held at Jaipur for best published thesis paper “Impact of oral iron supplementation on first-time whole blood donors deferred due to low haemoglobin”.

Dr. Nishtha Gupta Post Graduate Junior Resident was awarded PG fellowship award at TRANSMEDCON 2025 held at Jaipur for her thesis paper “ Association of blood donor glycated haemoglobin levels with quality of packed red blood cells during storage”

GOVT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH
DEPARTMENT OF ANATOMY

Authors DR Kanchan Kapoor ,DR Jyotsna Singh & DR Pinki Rai Published a book titled "Fundamentals of "ANATOMY & PHYSIOLOGY" for Allied health Courses, First edition(2025), Publisher SAURABH MEDICAL PUBLISHERS.

GOVT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH
DEPARTMENT OF BIOCHEMISTRY

Information for Website

Publication 2025

1. Jamal M., Jaswal S., Kaur J., Sharma V., Dalal U., Kaur R., Handa U, Kaur M. Circulating miR-27a as a Non-Invasive Diagnostic Biomarker to Differentiate Malignant from Benign Breast Lesions: A Preliminary Study. Biomarkers 2025;1–20.
2. Rashid I, Tiwari P, D'cruz S, Jaswal S. Exploring the Impact of Serum Phosphate Levels and Hyperphosphatemia on Renal Outcomes: A Real-World Evidence Study. Value in Health 2025; 28(6): S41
3. N Arora, S Jaswal. Uric acid levels and its correlation with lipid ratios in non-diabetic chronic kidney disease patients. Kidney International Reports, 2025;10(2):S99
4. P Dhingra, S Gupta, S Jaswal, J Kaur, SS Lehl, D Kaur. Serum calprotectin levels: A measure of disease activity in rheumatoid arthritis. Muller Journal of Medical Sciences and Research 2025; 16 (1), 18-23
5. Rashid I, Tiwari P, D'Cruz S, Jaswal S. Real-world assessment of elevated serum alkaline phosphatase and hyperphosphatemia as predictors of mortality in non-dialysis chronic kidney disease patients: a hospital-based prospective cohort study. Current Medical Research and Opinion. 2026:1-11
6. Kaur A, Jaswal S, Narang S, Kaur J, Singla M, Gupta S. Serum Pentraxin 3 and Vascular Endothelial Growth Factor as Early Predictors of Diabetic Retinopathy. Indian J Med Biochem 2025; 29 (3):220-225.
7. Jamal M, Jaswal S, Palta S, Gupta S, Krishna S. Evaluation of Lactate Levels and Standard Base Excess in the Prognosis of Critically Ill Patients: An Observational Study. Indian J Med Biochem 2025; 29 (3):235-239.
8. Bandlish S, Mehra R, Goel P, Kaur J, Gupta S. Correlation of Levels of Placental Growth Factor and Soluble FMS-Like Tyrosine Kinase with Severity and Prognosis of Preeclampsia–Eclampsia Syndrome. The Journal of Obstetrics and Gynecology of India; https://doi.org/10.1007/s13224-025-02170-0
9. Gureh M, Attri AK, Gupta S, Kaur J, Jain M. Role of biomarkers in Diabetic foot osteomyelitis. J. Orthop Case Rep. 2025:15(9):342-347.
10. Suave, Singla, M, Gupta S, & Singh, H. (2025). Protocol for a randomized controlled study comparing the efficacy and safety of daily versus alternate day teneligliptin 20 mg in type 2 diabetes mellitus patients. International Journal of Clinical Trials 2025;12(2):153–162.
11. Singh S, Jaggi S, Gupta S, Aggarwal D, Kaur Sodhi M, Bhatia C, Saini V. Evaluation of fibroblast growth factor 23 as a marker of severity in stable chronic obstructive pulmonary disease. Monaldi Arch Chest Dis. 2025;doi: 10.4081/monaldi.2025.3271.

12. Mangotra A, Randev S, Gupta S, Kumar P, Guglani V. Antitubercular Therapy induced Hepatitis in Children: Incidence, Risk Factors, Role of Cytokeratin 18 and outcome. Journal of Clinical and Experimental Hepatology, Volume 15, 102849

13. Sharma TK, Saxena S, Arora P, Sharma AK. S100A12 Protein Levels in Juvenile Idiopathic Arthritis (JIA): a Systematic Review and Meta-Analysis. Clin Lab. 2025;71:839-850

CME/Workshops conducted 2025

1. Organized the 4th National PG Update Workshop & Conference under the aegis of the National Association of Medical Biochemists of India from 17-19 April 2025
2. Organized the International Medical Laboratory Professionals Week from from 21-26 April 2025
3. Organized the North Zone AMBI Workshop on Basic and Advanced Genomic Techniques from 18-19 Sept 2025

Awards and Achievements of Faculty 2025

1. Dr Shivani Jaswal was resource faculty of the Workshop of Method Validation & Verification during the national conference of the Association of Medical Biochemists of India held at PSG Coimbatore from 11-14 Dec 2025
2. Dr Shivani Jaswal Professor & Head, nominated the National Coordinator for the Association of Medical Biochemists of India.
3. Dr Seema Gupta nominated the Chandigarh State representative of Association of Medical Biochemists of India.
4. Dr Seema Gupta completed six-month Fellowship in Genetic Diagnostics from PGIMER, Chandigarh supported by Department of Biotechnology, New Delhi

GOVT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH
DEPARTMENT OF DENTISTRY

Awards, Achievements & Publication of Last one Year

Awards

1. Dr Gurvanit Kaur Lehl was awarded the Star Pedodontist Award during the 45th ISPPD National Conference at Bengaluru, Karnataka (25th-28th September 2024) for displaying administrative capabilities along with distinguished services for the improvement of Dental Health and Education.
2. Dr. Manjit Talwar Attended a Geriadent e-conference on 19th & 20th October 2024 and was awarded for Poster Presentation in the special category.
3. Dr. Gurvanit Kaur Lehl was awarded the fellowship of Pierre Fauchard Academy on 8th December 2024.
4. Dr Manjit Talwar was awarded the Fellowship of the International College of Dentists on 23rd February 2025 at Chennai, India.
5. Dr Sapna Singla was awarded the Fellowship of the International College of Dentists on 23rd February 2025 at Chennai, India.
6. Dr Anand Gupta completed his one year Fellowship in Oral, head and neck surgery at University of Tennessee, Knoxville, USA .
7. Dr Gurvanit Kaur Lehl was awarded the first prize in faculty original research at the 5th International Conference of South Asian Association of Paediatric Dentistry (SAAPD) 2025, Taj Samudra, Colombo, Sri Lanka. She was also awarded for the outstanding service as an Outstanding Rigorous peer Reviewer for JSAAPD.
8. Dr Gurvanit Kaur Lehl was awarded the fellowship of Indian society of Dental Research in the IADR Asia Pacific Regional 2025 & 35th ISDR Conference at New Delhi.

Achievements

1. Dr Gurvanit Kaur Lehl attended the 45th ISPPD National Conference at Bengaluru, Karnataka (25th-28th September 2024). She presented a guest lecture on the topic of Navigating Oral Health in Neonates: An Interdisciplinary perspective. She was also awarded the Star Pedodontist Award.
2. Dr Manjit Talwar attended the virtual Editors' Conclave on "Editors' Code of Conduct in Research Integrity and Publishing Practices" organized by Innovative Education and Scientific Research Foundation in collaboration with the IP Innovative Publication held on 20th September 2024.
3. Dr Sapna Singla attended 58th Indian Orthodontic Conference held at Bengaluru from 20th to 22th September 2024. She presented a paper and chaired a session during this conference.
4. Dr. Gurvanit Kaur Lehl attended and organized a guest lecture on "Preventing Musculoskeletal Disorders Among Dental Professionals" on 07th October 2024 organized IDA Chandigarh State Branch
5. Dr. Gurvanit Kaur Lehl attended a Virtual National CME on Research Methodology organized by Research Cell AIIMS, Rajkot Gujarat on 17th to 18th October 2024
6. Dr. Gurvanit Kaur Lehl attended and organized a CDE programme on "Recent Advances in Dentistry" on 27th October 2024 organized by Oral Health Sciences Centre , PGIMER, Chandigarh and IDA Chandigarh State Branch
7. Dr. Manjit Talwar Attended a Geriadent e-conference on 19th & 20th October 2024. Geriadent Modern day solutions to age old problem organised The Board of Geriatrics Dentistry under the aegis of Federation of Special Care dentistry and was awarded for the Poster Presentation in the special category.
8. Dr. Sapna Singla presented a Research paper at 7th International Medical Olympiad Conference on Global Health: Emerging Trends and Future Challenges held at Panjab University, Chandigarh from 15.11.2024 to 17.11.2024 sponsored by SERB-DST and Science & Technology & Renewable Energy, Chandigarh Administration and organized by Centre for Nuclear Medicine, Panjab University, Chandigarh, India.
9. Dr. Manjit Talwar presented a Research paper at 7th International Medical Olympiad Conference on Global Health: Emerging Trends and Future Challenges held at Panjab University, Chandigarh from 15.11.2024 to 17.11.2024 sponsored by SERB-DST and Science & Technology & Renewable

Energy, Chandigarh Administration and organized by Centre for Nuclear Medicine, Panjab University, Chandigarh, India.

10. Dr Gurvanit Kaur Lehl attended 21st Annual National Conference at BHU, Varanasi, Uttar Pradesh from 29th November 2024 to 1st December 2024 organized by Indian academy of Geriatrics. She chaired a session on Dr Sachdeva panel Discussion (Caregivers in Geriatrics session) during this conference.
11. Dr. Gurvanit Kaur Lehl attended continuing dental education programme on “3D Guided Endodontics“ on 05.12.2024 organized by Unit of Endodontics Oral Health Sciences Centre, PGIMER, Chandigarh.
12. Dr. Gurvanit Kaur Lehl attended a workshop on "Biostatistics and Research Methodology: We Must Know for on Successful Research Protocols": 7th - 8th February 2025 organized by Department of Community Medicine, Government Medical College and Hospital (GMCH) Sector 32, Chandigarh, Sponsored By The Anusandhan National Research Foundation (ARF)/ Science and Engineering Research Board (SERB), Government of India.
13. Dr. Gurvanit Kaur Lehl was Moderator in the Ist module of the course on Special Health Care Needs in Dentistry held online, organized by the Head Office of the Indian Society of Pedodontics & Preventive Dentistry on 19th - 21st February 2025.
14. The Department of Dentistry Government Medical college and hospital sec 32 Chandigarh in collaboration with ICD,IDA chd state branch and Department of obstetrics and Gynaecology GMCH 32 organized a preventive oral health programme on 13th March to celebrate the international women's day. It was an interactive programme where talks on Oral Health Prevention were given by Dr Gurvanit Kaur Lehl and her team. Brushing demonstration was also given and free toothpastes were distributed.
15. Dr. Gurvanit Kaur Lehl attended a workshop on "Endodontic Talk: - Update and Upgrade" on 17.03.2025 organized by Dental Department, GMSH-16, Health Department UT Chandigarh.
16. The Department of Dentistry and Psychiatry of the Government Medical College and Hospital Sector 32 Chandigarh in collaboration with Oral Health Sciences Centre, PGIMER Chandigarh, International College of Dentists Section VI (India, Sri Lanka and Nepal) and IDA Chandigarh State Branch celebrated the World Oral Health Day and World Down Syndrome Day on 21st March 2025 at the Government Rehabilitation Institute for Intellectual Disabilities (GRIID) Sector 31, Chandigarh. A Dental check up camp was held for the children with Down Syndrome where they were examined and treatment was advised to them. The parents and teachers were also educated about specific aspects of preventive oral health care for these children. The team led by Dr

Gurvanit Kaur Lehl from GMCH and Dr Richa Shrivastava from OHSC PGIMER Chandigarh examined the children and gave them preventive advise on brushing and dietary restriction of sugars so that overall good oral health can be maintained. Free toothpastes and toothbrushes were distributed among the children.

17. Dr. Manjit Talwar attended a virtual CDE on Oral Leukoplakia – New Concepts by Dr Anand S. Tegginamani SEGI University Malaysia and stem cells for infection by Dr Sivan Padma Priya RAKMHSU, UAE on 24.03.2025 organized by Department of Oral and Maxillofacial Pathology and Oral Microbiology, VMSDC in association with Pierre Fauchard Academy, India section.
18. Dr Sapna Singla attended the CDE programme 'Temporary Anchorage Devises – Management of Complex Malocclusion' on 22.03.2025 organized by Chandigarh Orthodontic Study Group.
19. Dr Gurvanit Kaur Lehl attended a virtual CDE on Oral Leukoplakia – New Concepts by Dr Anand S. Tegginamani SEGI University Malaysia and stem cells for infection by Dr Sivan Padma Priya RAKMHSU, UAE on 24.03.2025 organized by Department of Oral and Maxillofacial Pathology and Oral Microbiology, VMSDC in association with Pierre Fauchard Academy, India section.
20. Dr Gurvanit Kaur Lehl attended a CDE on Let's Join hands to Phase out Mercury Amalgam on 30.03.2025 organized by Toxics Link & Indian Dental Association, Chandigarh State Branch.
21. Dr. Manjit Talwar attended a virtual International Conference on 'Immediate Implants Post Extraction' by IDA on 08.03.2025.
22. Dr Manjit Talwar invited for talk as guest speaker on World Oral Health Day (20.03.2025) organized by ECHS Polyclinic Ropar, Punjab for a Dental Education Program and dental camp.
23. Dr Sapna Singla attended a modular course on Cleft Lip and Palate Orthodontics on 09.05.2025 and 10.05.2025 organized by Indian Orthodontic Society and PGIMER, Chandigarh.
24. The Department of Dentistry Government Medical College and hospital sector 32 Chandigarh in collaboration with IDA Chandigarh state branch and ICD section VI observed the World No Tobacco Day 31st May 2025 in the Department of Dentistry. The staff of hospital including safai karamcharis, attendants and patients visiting the hospital were made aware about the ill effects of Tobacco use. Awareness talk on harmful effects of Tobacco was given with powerpoint presentation. The talk started with emphasis on the Theme of this year " Unmasking the appeal: Exposing industry tactics on Tobacco and Nicotine products" They were educated about creating awareness of ill effects of Tobacco so that we can give rise to a healthy and Tobacco free society. Also

effects of Tobacco on oral health and overall health were dwelt upon .Different methods used for Tobacco cessation were also discussed. Pamphlets depicting ill effects of Tobacco and remedial measures were also distributed. Brushing demonstration was also given and toothpastes were distributed.

25. Dr. Gurvanit Kaur Lehl attended the 5th International Conference of South Asian Association of Paediatric Dentistry (SAAPD) 2025, Taj Samudra, Colombo, Sri Lanka, from 08.08.2025 to 10.08.2025. She was also the organizing committee member for the conference
26. Dr. Gurvanit Kaur Lehl attended a CDE on Posterior Composists Mastering esthetics and function conducted by IDA Chandigarh State Branch on 25.08.2025 by Dr Vishal Gupta
27. Dr Anand Gupta attended a workshop on Evidentce Quality Assessment and GRADE – ing for Guideline Development on 23rd and 24th of August 2025 organized by PGIMER, Chandigarh
28. Dr Anand Gupta attended a workshop on Evidentce Synthesis for Guideline Development on 09th and 10th August 2025 organized by PGIMER, Chandigarh
29. Dr Anand Gupta attended a National Congress of the Indonesian Association of oral and maxillofacial surgeons 2025 in Makassar, Indonesia in physical mode from 26rd and 30th of August 2025 organized by Indonesian Association of Oral & Maxillofacial Surgeons
30. Dr. Gurvanit Kaur Lehl attended the IADR Asia Pacific Regional 2025 and 35th ISDR Conference at New Delhi from 19.09.2025 to 21.09.2025. She presented a paper and also chaired a session in the conference
31. Dr. Gurvanit Kaur Lehl attended the workshop on Evidence Synthesis: Workshop on Systematic review & Meta Analysis at OHSC, PGIMER, Chandigarh from 29.09.2025 to 30.09.2025.
32. Dr Anand Gupta attended a conference on Panellist at excellence in Head and Neck Oncology (EHNO) at New Delhi from 13rd to 14th of September 2025
33. Dr. Anand Gupta attended the workshop on Systematic review & Meta Analysis at NIPER, Mohali from 30.09.2025 to 01.10.2025. The department of Dentistry organized a Dental Camp under the Swasth Nari, Sashakt Parivar Abhiyan on 18.09.2025 in collaboration with department of Community Medicine, GMCH-32, Chandigarh. The women were educated about Preventive Oral Health and Oral Cancer Screening was also done.
34. Dr Manjit Talwar attended online the National Seminar cum workshop on Elderly Issue from 30th and 31st October 2025 organized by Central University of Jammu, Samba in collaboration with the National Institute of Social Defense (NISD), Ministry of Social Justice and Empowerment, GOI. Speaker/Resource

Person in the Two-Day national Level Workshop cum Seminar on Elderly issues.

35. Dr. Anand Gupta attended the workshop on “Bridging Evidence to Decisions: A Workshop on Systematic Review, Meta-Analysis & GRADE,” organised under the TRC Learning Series in collaboration with DHR, held from 30th September to 1st October 2025.
36. Dr Anand Gupta presented a lecture on Sternocleidomastoid flap for Facial Contour Defects in Head and Neck Forum-IX, 2025, from 11th to 12 October 2025 at Patel Hospital, Jalandhar.
37. Dr Anand Gupta chaired a session on ‘Role of Robotics in Oropharyngeal Cancer’ at Head and Neck Forum-IX, 2025, from 11th to 12 October 2025 at Patel Hospital, Jalandhar.
38. Dr. Gurvanit Kaur Lehl attended the CDE on Interdisciplinary approaches to Oral Health Care in Pediatric Hemato-Oncology on 01st November 2025 organized by Oral Health Sciences Centre PGIMER Chandigarh. She also chaired a session during the CDE.
39. Dr. Gurvanit Kaur Lehl attended the 46th ISPPD National Conference at Bhubaneswar, Odisha from 20.11.2025 to 22.11.2025. She presented a guest lecture on Forensic Pathways in Peadiatric Dentistry. She also chaired a session during the conference. She was also elected the executive committee member of ISPPD for the year 2025-2026.
40. Dr. Gurvanit Kaur Lehl was empanelled as advisor to UPSC for selection on 13th November 2025.
41. Dr. Manjit Talwar was empanelled as advisor to UPSC for selection on 13th November 2025.

Publication

1. Chen S, Huang YC, Su ZK, Yang F, Lubamba GP, Gupta A, Alkebsi K, Zhang ZY, Zhang Z, Xia H, Zhang YQ, Li CJ, Xuan M, Tang XF, Zhu GQ. Clinical and patient-reported outcomes between full-endoscopic and conventional parotidectomy: a prospective cohort study. Clin Oral Investig. 2025 Jan 7;29(1):49. doi: 10.1007/s00784-024-06118-y. PMID: 39762579.
2. Abhinav Chopra, Anand Gupta, Naveen Aggarwal. Artificial intelligence in dental age estimation- applications, technological advances and legal aspects: A narrative review, Journal of Oral Biology and Craniofacial Research,Volume 15, Issue 6, 2025, Pages 1534-1538, ISSN 2212-4268,https://doi.org/10.1016/j.jobcr.2025.09.010.

DEPARTMENT OF OPHTHALMOLOGY

RESEARCH PUBLICATIONS IN LAST 1 YEAR

1. Current perspectives in tackling glaucoma blindness.

Bhartiya S, **Ichhpujani P**, Wadhwani M.Indian J Ophthalmol. 2025 Mar 1;73(Suppl 2):S189-S196. doi: 10.4103/IJO.IJO_3280_23.

2.Weighted Quality of Life in Glaucoma Patients with Advanced Disease.
Bhartiya S, **Ichhpujani P**, Kapoor S, Parmar UPS, Singh D, **Kumar S**.J Curr Glaucoma Pract. 2025 Apr-Jun;19(2):85-89. doi: 10.5005/jp-journals-10078-1474.

3. Long-Term Outcomes of Trabeculectomy with Collagen Matrix Implant as a Bevacizumab Depot.
Thattaruthody F, Seth NG, **Ichhpujani P**, Raj S, Kaushik S, Pandav SS.SeminOphthalmol. 2025 Nov;40(8):795-801. doi: 10.1080/08820538.2025.2488888.

4.Assessment of central and peripheral contrast sensitivity in myopes using Spaeth/Richman contrast sensitivity.
Ichhpujani P, Parmar UPS, Singh RB, **Kumar S**.Oman J Ophthalmol. 2025 Feb 25;18(1):16-21. doi: 10.4103/ojo.ojo_271_23.

5 Color vision and contrast sensitivity changes in patient with primary angle closure and primary angle closure glaucoma.
Dhillon HK, **Ichhpujani P**, Parmar UPS, **Gupta SK**.Oman J Ophthalmol. 2025 Oct 28;18(3):315-321. doi: 10.4103/ojo.ojo_286_24.

6. Associations between ocular surface parameters, contrast sensitivity, and higher-order aberrations in computer vision syndrome.
Singh VA, **Ichhpujani P**, Singh T, **Kumar S**, Kaur N.Indian J Ophthalmol. 2026 Jan 1;74(1):104-110. doi: 10.4103/IJO.IJO_1441_25.

7. Commentary on: The role of gonioscopy-assisted transluminal trabeculotomy in a resource-stratified world.
Ichhpujani P.Indian J Ophthalmol. 2026 Mar 1;74(3):394-395. doi: 10.4103/IJO.IJO_2898_25.

8. Sharma S, Singla N, **Arya SK**, Gulati N, Chander J. Keratomycosis: An insight into epidemiology, etiology, and antifungal susceptibility testing of causative agents at a tertiary care centre. Med Mycol. 2025 Apr 2;63(4):myaf038. doi: 10.1093/mmy/myaf038.

9. Sharma S, Singla N, **Arya SK**, **Narang S**, Chander J. Letter Regarding: Botryosphaeria dothidea Mycotic Keratitis: A Novel Phytopathogen Causing Human Infection. Cornea. 2024 Oct 1;43(10):e24-e25. doi: 10.1097/ICO.0000000000003607.

10. Bhalerao SS, Ahuja V, Thapa D, Mitra S, Attri AK, **Arya SK**, Garg S. Evaluation of the correlation between pre-anaesthetic P-POSSUM score, ultrasound muscle assessment and frailty index on perioperative outcome - An observational trial. Indian J Anaesth. 2025 Jul;69(7):700-709. doi: 10.4103/ija.ija_1338_24.

11.Jha UP, **Narang S**, Jindal V. Corneoscleral plaque brachytherapy using 'BARC I-125 Ocu-Prosta seeds' in the management of iridociliary melanoma. BMJ Case Rep. 2025 May 26;18(5):e255721. doi: 10.1136/bcr-2023-255721.

DETAILS OF CME/CONFERENCES AND ACADEMIC ACTIVITIES CONDUCTED

- 14th Post graduate teaching program and AIOS Prayogshala was conducted from 6th December to 7th December 2025.
- Dr Swetha Umesh, PGJR won the 2nd prize in the Post Graduate Ophthalmology held during the AIOS Prayogshala on 6th December 2025.
- Multiple activities carried out during the 40th National Eye Donation Fortnight from 25th August to 8th September, 2025.
- Multiple activities were carried out during the Glaucoma Awareness Week from 10th March 2025- 16th March, 2025.
- A lecture was delivered by Dr Parveen Sen ,Vitreoretina Surgeon and Head Retina Services, Dr Aggarwal Eye Hospital, Chandigarh and Former Senior Consultant Sankara Nethralaya, Chennai on 21.03.2025 on the topic " What's new in anti VEGF treatment' & 'Use of electrophysiology in day to day ophthalmic practice'.
- Dr Parul Ichhpujani, Professor was awarded Honorary FAICO Glaucoma Fellowship by All India Ophthalmological Society in 2025.
- A lecture was delivered by Dr. Suresh Kumar at the mini symposium titled "Glaucoma: The Sight Stealer – From Diagnosis to Surgical Innovations"**,** held at the CH(WC) Sushruta Auditorium on 19/02/2026. The lecture covered the topic "Surgical Management: Trabs and Tubes."
- Glaucoma Awareness Session on 10/03/2026 at AIMS, Mohali**.** The program aimed to spread awareness about glaucoma, often referred to as the "silent thief of sight." Professor Suresh Kumar was invited as Chief Guest. He delivered a Talk on Awareness about Glaucoma to Medical and Paramedical students and staff of AIMS, Mohali.

GOVERNMENT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH
DEPARTMENT OF DERMATOLOGY

1. **Any research publications during the last one year**.

    1) From corn to cancer- A case report of Acral Melanoma with unusual longevity – IJPGD – Dr. Sunidhi Sharma

    2) Comparative efficacy of different concentration of topical tazarotene and topical tretinoin in acne vulgaris – Cosmoderma - Dr. Sunidhi Sharma

    3) Disfiguring Plexiform Neurofibroma of the Face in a Patient with Neurofibromatosis Type S Aneja, M Sethi, JK Sandhu
    Indian Journal of Postgraduate Dermatology• Volume 3.

    4) Voriconazole-induced phototoxicity in two Indian patients: likely "reversible iatrogenic xeroderma pigmentosum" accepted for publication in European journal of dermatology 2026

    5) Cutaneous T cell lymphoma pages 616-22 IADVL Handbook of Therapeutic Pearls and Anecdotal Therapies in Dermatology CBS Publishers and Distributors Pvt. Ltd. – Dr. Jasleen Kaur

    6) Delphi consensus on melasma management by international experts and pigmentary disorders society. J Eur Acad Dermatol Venereol. 2025- Dr Mala Bhalla
    7) The Price of Exposure: Xeroderma Pigmentosum and Skin Cancer. Cureus. 2025- Dr Mala Bhalla
    8) Role of cosmetic camouflage in improving quality of life in dermatological disorders: A narrative review. Indian J Dermatol Venereol Leprol. 2025- Dr Mala Bhalla

2. Details of CME programmes, conferences and academic activities conducted by the Institution - NIL

3. Details of any awards and achievement received by the students or the faculty:

    1) Travel grant awardee- Dr. Sunidhi Sharma at World Congress of Itch 2025, Heidelberg, Germany.

    2) Dr Monika Junior resident - Second in Oral paper in CUTICON 2025
    Title: Comparative efficacy and safety of topical and oral minocycline in acne vulgaris

    3) Dr Tanya Jain Junior Resident - Maria Duran award at ICD Rome 2025
    4) Dr Mala Bhalla IADVL Travel grant award to attend ICD Rome 2025.

GOVERNMENT MEDICAL COLLEGE & HSOPTIAL, CHANDIGARH
DEPARTMENT OF ENT

PUBLICATIONS 2025

1. Pulpra S, Dass A, **Gupta N**, Kaur R, **Singhal SK**. Comparison of High-resolution Computed Tomography Findings and Surgical Findings in Patients with Atticoantral Type of Chronic Suppurative Otitis Media. Int J Otorhinolaryngol Clin 2025; 17 (2):109-113.
2. Verma RR, Saini V, Sharma J, **Gupta N**. Floor of Mouth and Submandibular Schwannomas: Review of Literature and a Case Report. Int J Otorhinolaryngol Clin 2025; 17 (1):67-75.
3. **N. Gupta**, "Comparative Study of Nasopharyngeal Swab, Oropharyngeal Swab and Oral Saliva for the Diagnosis of COVID-19", IJRAMT, vol. 6, no. 11, pp. 20–22, Nov. 2025
4. Garg A, Kundu R, Punia RS, Gupta A, **Gupta N**. Diagnostic utility of modified Papanicolaou stain in the detection of micrometastasis in head and neck squamous cell carcinoma [Internet]. IP Arch Cytol Histopathol Res. 2025 [cited 2026 Mar 09];10(4):135-142
5. Aggarwal, M., **Singhal S.K**. & **Gupta, N**. p16 Expression in Head and Neck Squamous Cell Carcinoma. Indian J Otolaryngol Head Neck Surg **77**, 4682–4687 (2025)
6. Kaur M, Garg A, **Gupta N**. Large odontogenic fibroma of the mandible mimicking malignancy in an adolescent male: Diagnosis unveiled onhistopathology. Ann Pathol LabMed. 2025;12(10):C180
7. Kaur M, Garg A, **Gupta N.** Large Odontogenic Fibroma of the Mandible Mimicking Malignancy in an Adolescent Male: Diagnosis Unveiled on Histopathology. Ann of Pathol and Lab Med [Internet]. 2025 Oct. 29 [cited 2026 Mar. 9];12(10):C180-C184.
8. Gupta N et al. Mycological profile in patients of nasal polyposis. International journal of Otolaryngol clinics (Accepted)

ACHIEVEMENTS DURING 2025

1. Dr. Nitin Gupta,Prof. & Head has been felicitated for demonstrating cadaveric FESS during NW Zone Conference Tanda held on 22.12.25
2. Dr. Nitin Gupta, Prof. & Head invited as chief faculty on 4th hands on Temporal Bone Dissection Course (TBD Workshop) at GMC Patiala on 08.03.2026.
3. Dr. Surinder K Singhal, Professor has attended training programme at "American Clinical Congress 2025" held from 4th - 7th October at Chicago & felicitated with "Fellowship of the American College of Surgeons" during the convocation.
4. Dr. M. Uma Devi, Sr. Resident and Dr.Tanisha Goel, PG-JR were runner up at Neck Dissection Competition at HAOICON Faridabad held on 14.12.25
5. Dr.Tanisha Goel, PG- JR Awarded Gold medal in Panjab University, Master of Surgery (all MS courses) of Batch of 2022.
6. Dr. Tanisha Goel and Dr. Satyam Kumar, PG JRs, were runner up position at Resident Quiz Competition at HAOICON-2025 Faridabad held on 14.12.25
7. Dr. Satyam, PG JR has won first prize in the Junior PG award paper presentation category at the National IAOHNS Conference, Surat held on 08.09.2025
8. Dr. Pratibha Yadav, PG JR won 2nd prize in temporal bone dissection at NW Zone Conference Tanda held on 22.12.25

Details of CME programmes, conferences and academic activities conducted by the Deptt during 2025: Nil

GOVERNMENT MEDICAL COLLEGE & HOSPITAL, SECTOR-32, CHANDIGARH
DEPARTMENT OF GENERAL SURGERY

Information required by NMC

Point No. 1- Any research publications during the last one year-

1) Paper publications & Articles

1. Khemchand AK, Behera M, Bansiwal RK. Large lateral abdominal wall hematoma in an elderly female with chronic obstructive pulmonary disease: An unusual surgical complication of a medical entity. Amrita J Med 2025; 21:158-60.

2. Behera M, Chaudhary A, Khemchand AK, Sharma . Spontaneous splenic rupture in pregnant female – An unusual cause of acute abdomen in pregnancy. Amrita J Med 2025; 21:99-101.

3. Kumar A, Khemchand AK, Bansiwal RK, Sharma R. Abbreviated Laparotomy in Emergency Colorectal Disease from Battlefield Innovations to Modern Practice. J Emerg Trauma Shock. 2025 Jul-Sep;18(3):141-144. doi: 10.4103/jets.jets_27_25. Epub 2025 Jul 29.

4. Gupta R, Bansiwal R, Khemchand AK, Gupta S, Palta S, Sharma R. Effect of sham feeding on return of bowel peristalsis in patients undergoing laparoscopic cholecystectomy – A randomized controlled trial from North India. J Appl Sci Clin Pract 2025;6:9-16.

5. Kumar A, Bansiwal RK, Khemchand AK, Singh M, Palta S, Sharma R. Effectiveness of intraperitoneal instillation of normal saline in reducing shoulder tip pain following laparoscopic cholecystectomy - A randomised controlled trial from North India. J Minim Access Surg. 2025 Oct 8. doi: 10.4103/jmas.jmas_171_25. Epub ahead of print. PMID: 41059748.

6. Khemchand AK, Gill RK, Saxena P, et al. Efficacy of Laparoscopic Subcostal TAP Block vs Conventional Analgesia in Laparoscopic Cholecystectomy: A Randomized Controlled Trial. World J Lap Surg 2025; Accepted on 12/02/25

7. Nagpal, L., Singh, S., Kaushik, R., & Kaur, J. Serum Procalcitonin Levels as Predictors of Clinical Outcomes in Patients with Secondary Peritonitis. Albanian Journal of Trauma and Emergency Surgery 2026; 10 (1): 1984-1988. https://doi.org/10.32391/ajtes.v10i1.510

8. Rohilla R, Gupta M, Anish TS, Cherian JJ, Singh MP, Kakkar AK, Mukherjee A, Mittal N, Kaushal S, Vijay D, Kaushik R, Naeem SS, Charan J; IMPRESS ('Impact of Multi-Pronged intervention on REducing Surgical Site Infection') Study Group. Multipronged interventions to reduce surgical site infections: A multicenter implementation research protocol. PLoS One. 2025 Mar 27;20(3):e0319645. doi: 10.1371/journal.pone.0319645.

9. Geetanshu Gupta, Swati Jindal, Deepika Gupta, Sanjeev Palta, Robin Kaushik. Quality of recovery after breast surgery: A randomized clinical trial comparing dexamethasone with dexmedetomidine as adjuvant to ropivacaine in ultrasound guided single shot mid-point transverse process to pleura block. Perioperative Care and Operating Room Management 2005: 38: 100456. https://doi.org/10.1016/j.pcorm.2024.100456

10. Gupta S, Aggarwal A, Bansal I, Attri AK. Laparoscopic common bile duct exploration for managing difficult common bile duct stones after failed endoscopic retrograde cholangiopancreatography. J Minim Access Surg. 2025 Sep 18. Doi: 10.4103/ jmas.jmas_23_25. Epub ahead of print. PMID: 40965094.

11. Gupta, Sanjay; Khan, Talib, Aggarwal, Aaina; Attri, A.K.; Kaur, Ravinder. "Enhanced" view extraperitoneal (eTEP) approach for repair of ventral hernia: Our initial experience. International Journal of Abdominal Wall and Hernia Surgery 8(3): p 147-157, July- September 2025. DOI: 10.4103/ijawhs.ijawhs_56_25

12. Aggarwal, A., Sharma, M., Gupta, S et al. Congenital Diaphragmatic Hernia with Gastric Perforation in an Adult Masquerading as a Paraesophageal Hernia. Indian J Surg (2026). https://doi.org/10.1007/s12262-026-04522-0

13. Akshita Kundra, Mandeep Singh, Usha Dalal, Harshit Choudhary. Retroperitoneal fasciitis following perianal abscess managed by vacuum-assisted closure and local sump application in a 20-year-old man in India: a case report. Journal of Acute Care Surgery 15(3):148-152. DOI: 10.17479/jacs.2025.0017

14. Tanupriya Bindal, Reetu Kundu, Uma Handa, Usha Dalal. Fine needle aspiration cytology in diagnosing tubercular mastitis: A rare entity with differential diagnoses and learning points July 2025 Indian Journal of Tuberculosis DOI:10.1016/j.ijtb. 2025.07.002

15. Aishwarya Sharma, Ravinder Kaur, Narinder Kaur, Uma Handa, Usha Dalal, Anurag Gupta. Shear Wave Elastography as a Supplement Tool in Differentiating Benign and Malignant Axillary Lymph Nodes. Journal of ultrasound in medicine: official Journal of the American Institute of Ultrasound in Medicine 2025 May;44(5):935-944. Doi: 10.1002/jum.16653. Epub 2025 Jan 27.

16. Maryam Jamal, Shivani Jaswal, Jasbinder Kaur, Vishal Sharma, Usha Dalal, Ravinder Kaur. Circulating mIR-27a as a non-invasive diagnostic biomarker to differentiate malignant from benign brease lesions: a preliminary study. Biomarkers: biochemical indicators of exposure, response and susceptibility to chemicals. 2025 Sep; 30(6);449-461.doi: 10.1080/1354750X.2025.2568870. Epub 2025 Oct 10.

Point No. 2- Details of CME programmes, conferences and and academic activities conducted by the Institution

2) CME & Conferences organized by department –

***a)* CME and conference:**

- 119TH FMAS Skill course – Oct 2025

***b)* Skill and simulation workshop :**

- Organised suturing and simulation workshop on 1st Jan 2026 in the Department of General Surgery at GMCH 32 .
- Organised stoma workshop on 07th Feb 2026 in the Department of General Surgery at GMCH 32

Point No. 3- Details of any awards and achievement received by the students or the faculty.

1. Dr. Mandeep Singh- awarded FMAS
2. Dr. Ashwani Dalal- selected as Editorial Board Member JMAS (Journal of minimal access Surgery) Sectional Editor Indian Journal of Surgery 2026- 2029
3. Dr. Usha Dalal- elected as President of Association of Thoracic and Vascular Surgeons of India 2026-2028
4. Dr. Jaskeerat Singh Malhotra won 1st prize in poster presentation titled "Gluteal Region Subcutaneous Mucromycosis: in 84th Annual Conference of The Association of Surgeons of India
5. Dr. Sauvik Konar won 3rd prize in poster presentation titled "Gall Stone Ileus: A rare presentation" in 84th Annual Conference of The Association of Surgeons of India
6. Dr. Anoushka Chaudhary won 3rd prize in poster presentation titled "Spontaneous splenic rupture in pregnant female- an unusual case of acute abdomen in pregnancy" in 84th Annual Conference of The Association of Surgeons of India
7. Dr. Bhumika Bandlish won 2nd prize in poster presentation titled " Beyond the knife: Art of Plastic Surgery" in CME and Celebration of 15th National Plastic Surgery day at AIIMS Bhatinda.
8. Dr. Anoushka Chaudhary qualified ATLS student and Instructor courses and achieved instructor candidate status.

Department of Pharmacology

Information for Website

1. **Academic Activities Conducted by the department**

   A. **Organised 5th National Pharmacovigilance Week Celebrations from 17th to 23rd September, 2025,** under the aegis of Indian Pharmacopeia Commission-National Coordination Centre to generate awareness about Pharmacovigilance Programme of India and ADR reporting.

Dr.Rajiv Kumar
Professor and Head
Publication:

1. **RE: Ticagrelor vs Prasugrel in Patients With Diabetes and Multivessel Coronary Artery Disease The TUXEDO-2 Randomized Clinical Trial** Rajiv Kumar, MBBS, MD | Faculty, Dept. of Pharmacology, Government Medical College & Hospital Chandigarh, India. **Comment for the article published**. **February 17, 2026** JAMA Cardiol doi: 10.1001/jamacardio.2025.5057 **https://jamanetwork.com/journals/jamacardiology/article-abstract/2844869**

2. **RE: Topical Anti-Inflammatory Treatments for Atopic Dermatitis** DR RAJIV KUMAR, MBBS, MD | Faculty, Dept. of Pharmacology, Government Medical College & Hospital, Chandigarh-160030. India. **Comment for the article published**. **October 30, 2025** JAMA Dermatol doi: 10.1001/jamadermatol.2025.3986 **https://jamanetwork.com/journals/jamadermatology/fullarticle/2840443**

3. **RE: Design, Conduct, and Analysis of Externally Controlled Trials.** Rajiv Kumar, MBBS, MD | Faculty, Dept. of Pharmacology, Government Medical College & Hospital, Chandigarh, India.

Comment for this article **published**. **October 29, 2025** JAMA Netw Open doi:10.1001/jamanetworkopen.2025.30277 **https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2838487**

4. **Re: Leveraging Large Language Models to Generate Multiple-Choice Questions for Ophthalmology Education.** DR RAJIV KUMAR, MBBS, MD | Faculty, Dept. of Pharmacology, Government Medical College & Hospital, Chandigarh, 160030. India. Comment for this article **published. October 28, 2025 JAMA Ophthalmol doi: 10.1001/jamaophthalmol.2025.3622 https://jamanetwork.com/journals/jamaophthalmology/fullarticle/2839639**

5. **RE:Medications and Risk for Microscopic Colitis** Dr.Rajiv Kumar Faculty, Dept. of Pharmacology. Government Medical College & Hospital Chandigarh-160030, India. **Comments published 7 July 2025 https://www.acpjournals.org/doi/10.7326/ANNALS-25-00268#comments-section**

6. **RE: Tyrosine Kinase 2 Inhibition With Zasocitinib (TAK-279) in Psoriasis A Randomized Clinical Trial** DR RAJIV KUMAR, MBBS, MD | Faculty, Department of Pharmacology, Government Medical College and Hospital Chandigarh-160030,India. **Comment for this article published. July 4, 2025** *JAMA Dermatol*. 2024;160(10):1066-1074. **doi:10.1001/jamadermatol.2024.2701** Published online August 21, 2024. **https://jamanetwork.com/journals/jamadermatology/fullarticle/2822710**

7. **RE: Cucurbit Toxins Lead to Rapid and Severe Distributive Shock.** Dr.Rajiv Kumar Faculty, Dept. of Pharmacology, Government Medical College & Hospital Chandigarh, India. **Comments published 17 March 2025**

https://www.acpjournals.org/doi/10.7326/aimcc.2023.1037#comments-section

8. **RE: Naloxone Knowledge, Carrying, Purchase, and Use.** Rajiv Kumar, MBBS, MD | Faculty, Dept. of Pharmacology, Government Medical College & Hospital Chandigarh, India. Comment for the article published. **March 27, 2025.** *JAMA Netw Open.* 2025;8(3):e2462698. doi:10.1001/jamanetworkopen.2024.62698 **https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2830817**

9. **RE: "Early Maternal Prenatal Cannabis Use and Child Developmental Delays"**
   Rajiv Kumar, MBBS, MD | Faculty, Dept. of Pharmacology, Government Medical College & Hospital Chandigarh, India. **Study limitations. Comment for the article published. January 1, 2025** JAMA Netw Open. 2024;7(10):e2440295. doi:10.1001/jamanetworkopen.2024.40295 **https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2825076**

Dr. Sangeeta Bhanwra
Professor, Pharmacology

2. **Academic Activities Conducted:**

   A. Working as a Coordinator, Adverse Drug Reaction Monitoring Centre (AMC), GMCH, Chandigarh since July 2024 and Conducted training programmes (online as well as offline)for faculty, residents and Nursing officers about Pharmaco-vigilance Programme of India (PvPI) and Adverse drug reactions (ADR) reporting under PvPI.
   B. **Organised 5th National Pharmacovigilance Week Celebrations from 17th to 23rd September, 2025,** under the aegis of Indian Pharmacopeia

Commission-National Coordination Centre to generate awareness about Pharmacovigilance Programme of India and ADR reporting.

C. Conducted sensitization programme on the topic- Pharmacovigilance and ADR Reporting for the nursing officers of GMCH, Chandigarh on 16th January, 2026.
D. Organised Basic Course Medical Education Workshop, as Member of Medical
Education Unit (MEU) and participated as a Resource person for BCME from 18th to 20th August, 2025. Took five sessions in the workshop.
E. Delivered lecture on topic 'Safety and adverse events' in 'NMC mandated Ethics Course Workshop' for 3rd year postgraduate students on 31.07.2025.
F. Session on the topic 'Leadership Skills' in Foundation Course of MBBS Phase I, Batch 2024 &2025.

3. **Achievements**

A. Received certificate of appreciation in recognition of contribution as a member of National Advisory Board for the 'Essentials of Medical Pharmacology' (Ninth Edition) by KD Tripathi, published by Jaypee Brothers Medical Publishers in 2025.
B. Acknowledged in a book 'Medical Pharmacology (Eighth edition) 2025' by PadmajaUdaykumar by CBS Publishers & Distributors.
C. Participated as Judge/ Chairperson in the Undergraduate Quiz Session in the AMSCON 2025 organised by IMA, Chandigarh on 29th -30th November, 2025 at IMA Complex, Chandigarh.

Dr. Harmanjit Singh, Assistant Professor, Pharmacology,

PUBLICATIONS

1. GBD 2021 Asthma and Allergic Diseases Collaborators. Global, regional, and national burden of asthma and atopic dermatitis, 1990-2021, and projections to 2050: a systematic analysis of the Global Burden of Disease Study 2021. Lancet Respir Med. 2025 May;13(5):425-446.

2. Suave, Singla M, Gupta S, Singh H. Protocol for a randomized controlled study comparing the efficacy and safety of daily versus alternate day teneligliptin 20 mg in type 2 diabetes
mellitus patients. Int J Clin Trials 2025;12(2):153-62.
3. Lee S, Son Y, Hwang J, Kim MS; GBD 2021 Dietary Iron Deficiency Collaborators; Il Shin J, Yon DK, Kassebaum NJ. Global, regional and national burden of dietary iron deficiency from 1990 to 2021: a Global Burden of Disease study. Nat Med. 2025 Jun;31(6):1809-1829.
4. GBD 2023 Vaccine Coverage Collaborators. Global, regional, and national trends in routine childhood vaccination coverage from 1980 to 2023 with forecasts to 2030: a systematic analysis for the Global Burden of Disease Study 2023. Lancet. 2025 Jul 19;406(10500):235-260.
5. GBD 2021 Asia Allergic Disorders Collaborators. Asthma and Atopic Dermatitis in Asia, 1990-2021: The Global Burden of Disease Study 2021. ClinExp Allergy. 2025 Aug;55(8):671-690.
6. Global Burden of Cardiovascular Diseases and Risks 2023 Collaborators. Global, Regional, and National Burden of Cardiovascular Diseases and Risk Factors in 204 Countries and Territories, 1990-2023. J Am CollCardiol. 2025 Dec 2;86(22):2167-2243.
7. GBD 2023 Cancer Collaborators. The global, regional, and national burden of cancer, 1990-2023, with forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2023. Lancet. 2025 Oct 11;406(10512):1565-1586.
8. GBD 2023 Disease and Injury and Risk Factor Collaborators. Burden of 375 diseases and injuries, risk-attributable burden of 88 risk factors, and healthy life expectancy in 204 countries and territories, including 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023. Lancet. 2025 Oct 18;406(10513):1873-1922.
9. GBD 2023 Demographics Collaborators. Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 660 subnational locations, 1950-2023: a demographic analysis for the Global Burden of Disease Study 2023. Lancet. 2025 Oct 18;406(10513):1731-1810.
10. GBD 2023 Lower Respiratory Infections and Antimicrobial Resistance Collaborators. Global burden of lower respiratory infections and aetiologies,

1990-2023: a systematic analysis for the Global Burden of Disease Study 2023. Lancet Infect Dis. 2025 Dec 15:S1473-3099(25)00689-9.

11. Oh J, Kim S, Yim Y, Kim MS; GBD 2023 Global Chronic Respiratory Disease and Covid Collaborators; Hay SI, Il Shin J, Yon DK. Global, regional, and national burden of chronic respiratory diseases and impact of the COVID-19 pandemic, 1990-2023: a Global Burden of Disease study. Nat Med. 2026 Jan;32(1):197-223.
12. GBD 2023 Asia Chronic Respiratory Disease Collaborators. Burden of chronic respiratory disease in Asia, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023. Lancet Respir Med. 2026 Mar;14(3):233-255.
13. GBD 2023 Breast Cancer Collaborators. Global, regional, and national burden of breast cancer among females, 1990-2023, with forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2023. Lancet Oncol. 2026 Mar;27(3):302-326.
14. Kang J, Kim HJ, Kim MS; GBD 2023 Substance Use Collaborators; Shin JI, Yon DK. Global burden of amphetamine, cannabis, cocaine and opioid use in 204 countries, 1990-2023: a Global Burden of Disease Study. Nat Med. 2026 Feb;32(2):527-544.

CONFERENCES/WORKSHOPS ATTENDED/ INVITED LECTURES/TALKS

1. Attended In-person workshop on "Qualitative Research Methods (Aug 11-13, 2025) at IIPHD, Gurgaon
2. Delivered a talk '**Writing a cover letter, navigating the peerreview process, and understanding journal publishing practices – submission'** during Online CME on "Scientific Writing & Publishing," organised by the Society of Antimicrobial Stewardship Practices (SASPI) held on 8th November 2025.
3. Delivered a lecture (as Invited Speaker)**'GLP-1 Receptor Agonists: Emerging Safety Signals and Real-World Challenges'**at55th Annual Conference of the Indian Pharmacological Society (IPC-IPSCON 2025) from November 20–22, 2025, at Panjab University, Chandigarh
4. Delivered a lecture**'Emerging Adverse Events with GLP-1 and Dual GIP/GLP-1 Agonists: Bedside Signals Outpacing Bench Evidence'** (as Invited

Speaker)at the 22nd Joint International Conference 2026 of IACS (India Chapter) and SNOAR (5–7 February 2026, HIMSR, New Delhi

AWARDS/OTHER ACHIVEMENTS

1. Certificate of appreciation for contribution as a member of the National Advisory Board for the textbook **'Essentials of Medical Pharmacology (9th Edition)'.**
2. **'Certificate of Review'** for reviewing the renowned text book Pharmacology **'Lippincott Illustrated Reviews: Pharmacology, Second South Asian Edition (SAE)'.**
3. Appointed as a memberof **'Subject review committee'by the Indian Pharmacopoeia Commission (IPC), Ghaziabad, Ministry of Health and Family Welfare (MoHFW), India,**for the upcoming edition **of National Formulary of India 2026 (NFI 2026) of India**
4. Received **'Best Researcher Award'** (among Assistant Professors)at GMCH Chandigarh, during Annual Research day held on Oct 17th, 2025.

Dr Preeti Garg , Assistant Professor, Pharmacology,

Dr Preeti Garg has been awarded Membership of National Academy of Medical Sciences **(NAMS)** on 8th November 2025.

Department of Pulmonary, Critical Care & Sleep Medicine

1. Any research publications during the last one year

- Tomar S, Aggarwal D, Kaur K, Saini V, Kaur R. Role of Diaphragmatic ultrasound in the assessment of disease severity in stable interstitial lung disease patients: Diaphragmatic ultrasound in interstitial lung disease. Monaldi Arch Chest Dis. 2025 https://doi.org/10.4081/monaldi.2026.3533.
- Joshi P, Kaur KD, Sodhi MK, Aggarwal D, Saini V. Understanding Prolonged Hospitalization In Acute Exacerbation Of COPD Patients: A Cross-Sectional Study. IJCDAS 2026 (Accepted for publication)
- Bellan S, Kaur KD, Jaggi S, Sodhi MK, Aggarwal D, Saini V, Kaur N, Singh M. Predictive accuracy of lung and diaphragmatic ultrasound in weaning from mechanical ventilation: a comparison with RSBI. Monaldi Arch Chest Dis. 2025 (Accepted)
- Boora S, Bhatia C, Kaur K, Sodhi MK, Aggarwal D, Saini V. Clinical and Demographic Correlates of Obstructive Sleep Apnea in Stable Chronic Obstructive Pulmonary Disease Patients - A Cross-Sectional Study. National Journal of Medical Research 2026; 16(01): 1–7. https://doi.org/10.55489/njmr.160120261191
- Akshita, Aggarwal D, Saini V, Kaur R, Kumar A. Ultrasound-assessed Diaphragmatic Function as a Predictor of Lung Function and Exercise Capacity in Stable COPD: A Case–Control Study. Indian Journal of Respiratory Care 2025;14(2): 107-11.
- Singh G, Kaur K, Aggarwal D, Palta A, Bhatia C, Saini V. Prevalence of blood eosinophilia and its impact on lung functions in stable chronic obstructive pulmonary disease patients. Lung India 2025 (Accepted for publication)
- Singh S, Jaggi S, Gupta S, Aggarwal D, Kaur Sodhi M, Bhatia C, Saini V. Evaluation of fibroblast growth factor 23 as a marker of severity in stable chronic obstructive pulmonary disease. Monaldi Arch Chest Dis. 2025 Jun 5. doi: 10.4081/monaldi.2025.3271.
- Dogra M, Jaggi S, Kaur K, Bhatia C, Aggarwal D, Saini V. STOP BANG score versus Epworth Sleepiness Scale as a screening tool for obstructive sleep apnea. Int J App Basic Med Res 2025;15:116-21.
- Shafiq N, Kumar A, Vohra V, et al. Four-month clofazimine regimen for susceptible pulmonary TB: a randomized clinical trial. Journal of Antimicrobial Chemotherapy. 2025;80(8):2100-2108
- Aulakh PS, Kaur J, Jaggi S, Aggarwal D, Sodhi MK, Saini V. Impact of Vitamin D supplementation on sputum smear conversion and inflammatory marker (IL-6) in Pulmonary Tuberculosis. Indian J Med Biochem 2026;30(1):51-55.

- Arora H, Jaggi S, Aggarwal D, Sodhi MK, Saini V. Effect of Home based versus Hospital based Pulmonary Rehabilitation Program on Lung Functions in Recovered Covid-19 Patients. Natl J Med Res 2025;15(02):103-108.
- Jharotiya K, Sodhi MK, Aggarwal D, Saini V, Kaur K, Kashyap JR. Clinico-etiological profile and treatment outcome of hospitalized diffuse parenchymal lung disease patients: a prospective cohort study. Monaldi Arch Chest Dis.2025 Spe 18. Epub ahead of print.

2. Details of CME programmes, conferences and academic activities conducted by the Institution

- CME ON NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME conducted on 09.10.2025.

- Pulmonary Function Test and Rehabilitation Workshop held in IACMCON 2025 on 15.11.2025

3. Details of any awards and achievement received by the students or the faculty

Nil

The information as asked vide email dated 05.03.2026 in respect of Dept. of Pulmonary Critical Care & Sleep Medicine, GMCH-32, Chandigarh and Dept. of Tuberculosis and Respiratory Diseases, GMCH-32, Chandigarh is as under:-

Sr. No.	Information Required	Reply
1	Any research publications during the last one year.	(i) Dogra M, Jaggi S, Kaur K, Bhatia C, Aggarwal D, Saini V. STOP-BANG score versus Epworth Sleepiness

		Scale as a screening tool for obstructive sleep apnea. Int J App Basic Med Res 2025:15:116-21. (ii) Arora H, Jaggi S, Aggarwal D, Sodhi MK, Saini V. Effect of Home bases versus hospital based pulmonary rehabilitation program on lung functions in recovered Covid-19 patients. Nati J Med Res 2025; 15(02):103-108
2	Details of CME programmes, conferences and academic activities conducted by the Institution	• CME ON NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME Organized by Dept. of Tuberculosis & Respiratory Diseases in collaboration with Dept. of Pulmonary Critical Care & Sleep Medicine, GMCH Chandigarh on 9th OCTOBER 2025 • Pulmonary Function Test and Rehabilitation Workshop held in IACMCON 2025 in Chd. on 15.11.2025
3	Details of any awards and achievement received by the students or the faculty	

RADIOLOGY DEPARTMENT

RESEARCH PUBLICATIONS IN YEAR 2025

1. **Sabharwal P, Kaur N, Kaur R**, Bansiwal R, Bhagat R.. Integrating morphology, vascularity and elasticity: diagnostic role of multiparametric quantitative ultrasound in breast lesions. Journal of Ultrasound https://doi.org/10.1007/s40477-026-01116-0.
2. **Sharma A, Kaur R, Kaur N,** Handa U, Dalal U, **Gupta A**. Shear Wave Elastography as an Supplement Tool in Differentiating Benign and Malignant Axillary Lymph Nodes. J Ultrasound Med. 2025 Jan 27. doi: 10.1002/jum.16653. Epub ahead of print. PMID: 39868854
3. **Kadian R, Kaur R, Gupta R, Bedi R,** Gupta V. Role of Diffusion-weighted Imaging and Magnetic Resonance Spectroscopy in Differentiating and Grading of Intra-axial Brain Tumors. Journal of Radiation and Cancer Research. 2025 Jul 1;16(3):116-22.
4. Anuradha Singh, Manisha Jana, **Ravinder Kaur**, Aparna Irodi, Mandeep Garg, Vimal Raj, Parang Sanghavi, Ashu Seith Bhalla: Role of USG in Thoracic Extra pulmonary Tuberculosis: Imaging Recommendations by the Society of Chest Imaging and Interventions.DOI https://doi.org/ 10.1055/s-0045-1812088. ISSN 0971-3026. IJRI.
5. Navneet Takkar, Pallavi Arora, Bharti Goel, **Ravinder Kaur, Narinder Kaur**, Phiza Aggarwal. Correlation of ovarian adnexal reporting and data system classification with histopathological examination in diagnosis of adnexal masses. International Journal of Reproduction Contraception, Obstetrics and Gynecology. 2025 Feb:14(2):578-585.
6. Anurag Gupta, **Narinder Kaur**, Jeet Ram Kashyap, **Ravinder Kaur**. Can computed tomography of chest help in diagnosis of pulmonary arterial hypertension – correlation between findings of computed tomography and echocardiography. Journal of Clinical Images and Medical Case Reports. DOI:ww.doi.org/10.52768/2766-7820/3422 –published :Jan 14,2025.
7. **Gupta R**, Sachar C, Jindal S, Gupta R. Leptomeningeal metastasis with perivascular invasion in a case of breast carcinoma: A radiological perspective. J Med Sci0;0:0.
8. **Gupta R**, UppalL, Gupta M, et al. Total Anomalous Pulmonary Venous Connection: A Case Series. J Assoc Physicians India 2025;73(7):50–53.
9. **Rekha G, Aishwarya S, Rana S**, **Priya B**. Cerebellopontine Angle Lipoma With Extra cranial Subcutaneous Component and a Bony Defect: A Case Report. Journal of Pediatric Neurosciences. 2025 Apr 1;20(2):84-8.
10. **Gupta R**, Sachar C, Jindal S, Azad C. Lopsided brain: a case of hemispheric dysplasia with cortical malformation in an infant. Sudanese Journal of Paediatrics. 2025;25(2):152.

AWARD

1. First Prize consisting of a Certificate and cheque for Dr. JC Patel and BC Mehta Best Paper award during APICON 2025 (Dr. Rekha Gupta).
2. Dr.Priya Behl and Dr.Kashish Goyal won First Prize in the quiz at Dr.Gyan P. Lal CME , Bathinda held on 16th March,2025 .
3. Dr.Priya Behl got third prize at Dr.Gyan P. Lal CME , Bathinda held on 16th March,2025
4. Dr.Manpreet- ISVIR (3rd prize in e poster presentation)
5. Dr.Anisha - poster presentation (European congress of radiology)

DETAILS OF CME PROGRAMMES, CONFERENCES AND ACADEMIC ACTIVITIES CONDUCTED BY THE DEPARTMENT OF RADIODIAGNOSIS

1. **Quarterly CME of Chandigarh Chapter of Indian Radiological Imaging Association** held on 14th June,2025 at GMCH-32, Chandigarh.

2. Guest Lecture delivered by Dr. Manphool Singhal, Professor, Deptt. of Radiodiagnosis, PGIMER Chandigarh on the topic **"**Essentials of CT Coronary Angiography: acquisition to interpretation**"** in the Departmental Seminar Room, Ground Floor, D Block, Department of Radiodiagnosis, GMCH-32, Chandigarh at 3.30PM on 6th August, 2025 (Wednesday)

3. Guest Lecture delivered by Dr. Sandhya Dhankhar, Director & Consultant, Faith Diagnostic & Fetal Centre, Chandigarh & Mohali on the topic **"Pre eclampsia screening, protocol and its role in prevention of eclampsia"** in the Departmental Seminar Room, Ground Floor, D Block, Department of Radiodiagnosis, GMCH-32, Chandigarh on dated 31st October,2025 (Friday) at 3.30pm.