

PUBLICATIONS GIMS – 2022-23

1. **Agarwal N, Jain P, Khan TN, Gupta R.** Chest radiographic findings and their correlation with disease progression in COVID 19 patients in northern India. *J Family Med Prim Care* 2022;11:559-66
2. **Nazir N, Saxena A, Singh S, Jain S.** Randomized controlled trial to study the efficacy and safety of ultrasound-guided pectoral nerve block for superficial breast surgeries. *J Edu Health Promot* 2022;11:172.
3. **Pandey S, Yadav P, Roychoudhury A, Bhutia O, Goswami D.** A randomized controlled trial to compare functional, combined rigid and functional and rigid fixation in double mandibular fractures. *J Oral Biol Craniofac Res.* 2022;12(2):233-237.
4. **Rajesh Harsvardhan, Ruchi Kushwaha, Rakesh Gupta.** A study on low-cost model of hospital pharmacy at a government healthcare teaching institute, as a feedforward measure of control. *Journal of Indira Institute of Medical Sciences.*2022.Vol 8 (1):48-55.
5. **Gitanjali Jain, Suprita Kalra, Saurabh Sharma, Gautam Kumar Vasnik, Rakesh Gupta.** Hemophagocytic lymphohistiocytosis in a child with chronic granulomatous disease: A rare complication of a rare disorder. *MJAFI.* 2022; 78: 99-102.
6. **Gupta S, Goel V, Nazir N, Srivastava S, Srivastava A.** Impact of body mass index on critically ill COVID-19 patients admitted in a tertiary care hospital : a retrospective observational study. *Asian J Med Sci* 2022;13(1), 3–7.
7. **Kulkarni R, Prusty RK, Chakma T, Thomas B, Menon GR, Singh R, Jakhar K et al.** Challenges and opportunities in mixed method data collection on mental health issues of health care workers during COVIS-19 pandemic in India. *International Journal of Research in Medical Sciences.*2022;10(4):838-844
8. **Chaitanya S, Datta A, Bhandari B,** et al. Effect of Resonance Breathing on Heart Rate Variability and Cognitive Functions in Young Adults: A Randomised Controlled Study. *Cureus* 2022; 14(2): e22187.
9. **Joshi A, Mittal PS, Rai A M, Verma R, Bhandari B.** Variations in Pulmonary Fissure: A Source of Collateral Ventilation and Its Clinical Significance. *Cureus* 2022; 14(3): e23121.

10. **Varun Goel, Savita Gupta, Vivek Gupta, Ajay Kumar Sahni.** Environmental surface sampling for SARSCoV- 2 around hospitalized patients with COVID-19 in a tertiary care hospital. *Asian Journal of Medical Sciences.* 2022; 13:1-15.
11. **Nazir, N. and Saxena, A.,** 2022. Comparative study to evaluate the effect of intubation box on tracheal intubation difficulty with King Vision ® and TRUVIEW video laryngoscope in manikin in a tertiary care hospital. *Sri Lankan Journal of Anaesthesiology*, 30(1), pp.40–45. DOI: <http://doi.org/10.4038/slja.v30i1.8860>
12. Singh R, Singh P, **Verma R,** Diwan RK. Unusual additional distal aponeurotic slips of biceps brachii: A rare variation. *J Anat Soc India* 2022;71:74 6.
13. **Agarwal N, Jain P,** Khan TN, Raja A. A retrospective study of association of CT severity with clinical profile and outcomes of patients with Covid-19 in the second wave. *J Cli Imaging Sci* 12 (17) (26th April, 2022)
14. **Bhandari B,** Chopra D, Rani A, Verma R. Online teaching and learning during COVID era: Medical students' feedback and their perspectives. *J Punjab Acad Forensic Med Toxicol* 2021;21(2): 21-26.
15. **Saxena A, Nazir N,** Pandey R, **Gupta S.** Comparison of Effect of Non-invasive Ventilation Delivered by Helmet vs Face Mask in Patients with COVID-19 Infection: A Randomized Control Study. *Indian J Crit Care Med* 2021; /pdf/10.5005/jp-journals-10071-24155.
16. Jain S, **Nazir N,** Mustafi SM. Preemptive low-dose intravenous ketamine in the management of acute and chronic postoperative pain following laparoscopic cholecystectomy: a prospective randomized control study. *Med Gas Res.* 2022;12(4):141-145.
17. Sarkar S, **Verma R, Singh S,** Faculty and Students' Perceptions on Experiential Learning Based Anatomy Dissection Hall Sessions for Medical Undergraduates, *Advances in Medical Education and Practice*, 2022:13 543–554
18. **N Nazir, A Saxena.** The effectiveness of high-flow nasal cannula and standard non-rebreathing mask for oxygen therapy in moderate category COVID-19 pneumonia: Randomised controlled trial. *African Journal of Thoracic and Critical Care Medicine* 2022;28(1):9.
19. Chandran DS, Muthukrishnan SP, Barman SM, Peltonen LM, Ghosh S, Sharma R, Bhattacharjee M, **Bhandari B,** Carroll RG, Sengupta J, H Chan JY, Ghosh D. Operations perspective to competency-based medical education: Experiences of

- IUPS-ICMR Physiology Education Workshop series (2018-2019) conducted in India. Indian J Med Res. 2022 Apr 6. doi: 10.4103/ijmr.IJMR\_757\_21.
20. **Nazir N, Saxena A.** Isolated pneumomediastinum in severe category COVID-19 patients admitted in ICU: a case series. *Ain-Shams J Anesthesiol* 14, 37 (2022). <https://doi.org/10.1186/s42077-022-00235-0>.
  21. **Agarwal P, Bhandari B.** Ethical challenges in imparting medical education. *Research and Development in Medical Education*. 2022;11(1):1–1.
  22. Singh S, Khasbage S, Kaur RJ, **Sidhu JK, Bhandari B.** Chimeric antigen receptor T cell: A cancer immunotherapy. *Indian J Pharmacol* 2022;54:226-33.
  23. Agarwal P, **Bhandari B.** The Menace of Predatory Journals. *Sudan Journal of Medical Sciences* 2022; 17 (2): 279-283.
  24. **Chopra D, Bhandari B, Rai J, Upadhyay R, Sidhu JK, Srivastava S.** Hydroxychloroquine: Adverse Drug Reaction Profile of an Old Drug in a New Situation. *Curr Drug Saf.* 2022. doi: 10.2174/1574886317666220301111913. Epub ahead of print. PMID: 35232354.
  25. **Nazir N, Chopra D, Bhandari B, Sidhu JK.** Adverse Drug Reactions in Corona Virus Disease patients admitted to Intensive care unit: An Observational Study. *Curr Drug Saf.* 2022. doi: 10.2174/1574886317666220513095618. Epub ahead of print. PMID: 35570533.
  26. **Bhandari B, Agarwal P, Chopra D, Panwar A et al.** Implementation of Self-Directed Learning in Physiology for Phase 1 Undergraduate Medical Students. *Med.Sci.Educ.* (2022). <https://doi.org/10.1007/s40670-022-01585-y>.
  27. Shreevastava AK, Mavai M, **Mittal PS, Verma R, Kaur D, Bhandari B.** Assessment of the psychological impact of COVID-19 pandemic on undergraduate medical students in India. *J Edu Health Promot* 2022;11:214.
  28. Kumari A, Rai PL, Bhatnagar R, et al. Clinicolaboratory Parameters of Pediatric COVID-19 patients and its Correlation with Outcome : A Study at a Tertiary Hospital of Northern India. *Pediatr Inf Dis* 2022; 4(1) : 6-10
  29. **Agarwal P, Bhandari B.** Ethical challenges in imparting medical education. *Research and Development in Medical Education*. 2022;11(1):1–1.
  30. Singh S, Khasbage S, Kaur RJ, **Sidhu JK, Bhandari B.** Chimeric antigen receptor T cell: A cancer immunotherapy. *Indian J Pharmacol* 2022;54:226-33.
  31. Agarwal P, **Bhandari B.** The Menace of Predatory Journals. *Sudan Journal of Medical Sciences* 2022; 17 (2): 279-283.

32. **Agarwal N, Jain P**, Khan TN, Raja A. Pulmonary cystic lesions in patients with COVID-19 -a case series. Accepted for publication in Journal of Clinical and Diagnostic Research on 6th May 2022.
33. **Jain P, Agarwal N, Saxena V, Srivastav S, Solanki H**. Mortality in patients with Coronavirus disease 2019 (COVID-19) and its clinicoradiological and laboratory correlates: A retrospective study. Accepted for publication in J Family Med Prim Care on 12th May 2022.
34. Shaw SC, Negi V, Bhat V, Kumar A, Joshi RK, Venkatnarayan K, **Gupta R**, Gopalkrishnan S, Tewari VV, Kanitkar M. Gestational Age-Specific Nomogram of Transcutaneous Bilirubin in First 120 h of Life for Term and Late Preterm Indian Neonates. Journal of Tropical Pediatrics 2022; 68(4).
35. Shailey M, Verma R, Badesara S, Anand KS, **Jakhar K**. Trait Impulsivity and Risk Taking Behaviour in Bipolar Disorder and Epilepsy. International Journal of Medical Science and Current Research 2022;5 (1):843-854
36. The global burden of cancer attributable to risk factors, 2010–19: a systematic analysis for the Global Burden of Disease Study 2019. GBD 2019 Cancer Risk Factors Collaborators (**Bhandari B**). Lancet 2022; 400;563-91.
37. **Joshi, A.**, Yadav, Y., **Verma, R.**, Kaul, N. V., & **Vineel, P**. Morphometric analysis of bregma and lambda and presence of any Wormian bone in bregma in north Indian population. International Journal of Health Sciences 2022, 6(S6), 11381–11385.
38. Gokhale MV, **Agarwal P**, Biswas DA. Does Fat Distribution Play a Role in Obesity-Associated Iron Deficiency Anemia? An Anthropometry-based Analysis in Young Women. International Journal of Scientific Research in Dental and Medical Sciences. 2022;4(3):119-126.
39. Priya Tiwari, Shikha Seth, **Ritu Sharma, Ruchi Verma**, Meher Narain, **Rakesh Gupta**. Evaluating cervical mucous inflammatory status as novel predictor for spontaneous onset of labour at term: A prospective observational study. MJAFI. doi.org/10.1016/j.mjafi.2022.06.006
40. Zoya Ahmad, **Rupali Kalsi**, Sachit Anand Arora, Kumar Saurav, Vandana Yadav, & Simran Saluja. (2022). Delmopinol – An antiplaque agent. Journal of Pharmaceutical Negative Results, 1111–1115.
41. **Saxena V, Jakhar K**, Kumar S, **Sethi P, Solanki HK**. A Cross-Sectional Study of the Impact of the COVID-19 Pandemic on Previously Diagnosed Patients With Fibromyalgia. Cureus. 2022;14(9): e29337.

42. Kaur D, Negi G, Jain A, Meinia SK, Sidhu TK, **Bhandari B**. Structured feedback: A teaching and learning tool for the postgraduate medical students in transfusion medicine. *Asian J Transfus Sci.*, Oct. 2022.
43. **Agarwal P**. Medical Professionalism: Do We Practice What We Preach?. *J Med Edu.*21(1):e130131. doi: 10.5812/jme-130131. Indexed in DOAJ
44. **Goel V, Gupta S, Manocha H, Srivastava S**. Device-associated healthcare-associated infections surveillance in an intensive care unit of a tertiary care hospital in COVID-19 patients. *J Clin Sci Res* 2022;11:228-33.
45. Jain G, Adhikari KM, Vasnik GK, Singh D, Somasundaram V, **Gupta R**, et al. Prevalence of subclinical Vitamin K deficiency in early infancy in exclusively breast-fed term infants. *J Mar Med Soc.* 2022. Oct (20).
46. Garg H, Ahluwalia R, Grewal SB, **Pandey SK**, Mahesh A, Saini N. Stainlesssteel vs. titanium miniscrew implants: Evaluation of stability during retraction of maxillary and mandibular anterior teeth. *J Orthodont Sci* 2022;11:49.
47. Yadav, Y., **Verma, R.**, Kaul, N.V., **Vineel, P., Joshi, A**. Morphometric Analysis and Study of Asterion in North Indian Population. *NeuroQuantology* 2022;20(15):2965-2969.
48. **Sethi P**, Maheshwari K, **Adhlakha B, Kalhan S, Gupta R K**. Cutaneous Adverse Reactions after Administration of Covishield Vaccine in a Tertiary Care Hospital in Western Uttar Pradesh: A Series of Cases. *Int J Pharm Clin Res.* 2022; 14(11): 176-86.
49. **Vineel P**, Subramanian RK, Muthu Kumar T. Morphometric and biomechanical analysis of gracilis and semitendinosus tendons: A cadaveric study in the South Indian setting. *MGM J Med Sci* 2022;9:491-4.
50. **Panwar A**, Tyagi PK, Bhargava A, **Gupta RK**. Acceptance of COVID-19 Vaccine and Its Related Determinants Among the Residents of Western Uttar Pradesh. *MAMC J Med Sci* 2022;8:201-6.
51. **Nazir N**, Chopra D. Inadvertent intravenous injection of carboprost in a COVID-19-positive patient: A case report. *J Obstet Anaesth Crit Care* 2022;12:158.
52. **Chaturvedi N**, Singh P, Bhattacharya M. Screen exposure time and computer vision syndrome in school-age children during COVID-19 era: A cross-sectional study. *J Clin Ophthalmol Res* 2022;10:105-9.
53. **Pandey SK, Baidya M, Srivastava A**, Garg H. Comparison of autologous blood prolotherapy and 25% dextrose prolotherapy for the treatment of chronic recurrent

temporomandibular joint dislocation on the basis of clinical parameters: A retrospective study. *Natl J Maxillofac Surg* 2022;13:398-404.

54. **Mishra N, Verma R**, Jadaun P (January 31, 2022) Study on the Effect of Berberine, Myoinositol, and Metformin in Women with Polycystic Ovary Syndrome: A Prospective Randomised Study. *Cureus* 14(1): e21781. DOI 10.7759/cureus.217
55. **Sharma R, Verma R, Solanki H K**, et al. (February 01, 2022) Impact of Severity of Maternal COVID-19 Infection on Perinatal Outcome and Vertical Transmission Risk: An Ambispective Study From North India. *Cureus* 14(2): e21820. DOI 10.7759/cureus.21820
56. **Bhadouria N** et al., " A cross sectional survey study regarding psychological impact of COVID-19 outbreak on front line nurses working in various hospitals of Madhya Pradesh India.", *International Journal of Health Sciences*, 6(S2),ISSN 2550-6978 E-ISSN 2550-696X, 7954–7970 <https://doi.org/10.53730/ijhs.v6nS2.7064>
57. **Bhadouria N**, Prasad K. A cross sectional survey Study regarding Psychological impact of COVID-19 outbreak on front line nurses working in various hospitals of Madhya Pradesh India-A pilot study. *Int J Adv Psychiatric Nurs* 2022;4(1):12-16. DOI: 10.33545/26641348.2022.v4.i1a.75.
58. **Adhlakha B**, Yadav P, Jigjini S, Swati. Milan System for Reporting Salivary Gland Cytopathology with the Implication for Risk of Malignancy: An Experience in a Tertiary Care Hospital. *Int J Pharm Clin Res.* 2022; 14(11): 274-81.
59. Singh D, Arif S H, Rehman S, **Adhlakha B, Kalhan S**, Allhabadi S. A Study of Hematological and Lipid Profile Status of Apparently Healthy Donors in Blood Bank at a Tertiary Care Centre in North India: A 2 Year Experience. *Int J Pharm Clin Res.* 2022; 14(11): 295-9.
60. **Gupta V**, Devdhar S, Gautam R, Chaudhary A, **Adhlakha B**. Intracholecystic Papillary Neoplasm with Low-grade Intraepithelial Neoplasia: A Rare Entity. *J Clin Diag Res.* 2022; 16(4): 03-05.
61. **Gupta V**, Scaria V, Srivastava, Raja A, **Kalhan S**. Clinical, pathological and genomic study of SARS CoV 2 Infections in the pediatric patient. *Journal of Clinical Diagnostics and Research.* 2022. 16(7):13-16.
62. Yadav PD, Kumar G, Mukherjee A, Nyayanit DA, Shete AM, **Gupta V**, et al., Delta Variant SARS-CoV-2 infections in pediatric cases during the second wave in India. *Journal of Microbiology, Immunology and Infection.* 2022.

63. Rajvanshi, H, Islam F, KashyapV, **Pathak R**, Agarwalla, R, Gupta E, Lal . Assessment of frontline health workers in providing services for malaria elimination in the tribal district of Mandla, Madhya Pradesh. *Journal of Family Medicine and Primary Care* 11(11):p 7233-7262, November 2022.
64. Singh FH, Islam F, Shaikh A, **Pathak R**, Kohli S, Kashyap V. A Randomized controlled trial to assess the effectiveness of group-based Diabetes Self-Management Education (DSME) program on glycemic control and self-care activities among type-2 diabetics in South-East Delhi: <https://doi.org/10.47203/IJCH>. 2022. v34i03. 015. *Indian Journal of Community Health*. 2022;34(3):402-7.
65. Pathania, D., Bungler, R., & **Pathak, R.** . Telemedicine: A new tool for transforming fututre healthcare. *International Journal of Health Sciences*, 2022; 6(S4), 10726–10732.
66. Chaudhary, C., Pandey, R., Ahmad, S., Khan, M. N. A., Bankwar, V., **Pathak, R.**, & Girdhar, S. Impact of early marriage on marital relationships among women of a peri urban village of north India. *The Indonesian Journal of Public Health*, 2022; 17(3), 353–365.
67. R Joshi, B Medhi, A Prakash, S Chandy, J Ranjalkar, HR Bright, J Basker, L Govindraj, PK Chugh, **CD Tripathi** et al. Assessment of prescribing pattern of drugs and completeness of prescriptions as per the World Health Organization prescribing indicators in various Indian tertiary care centers: A multicentric study by Rational Use of Medicines Centers-Indian Council of Medical Research network under National Virtual Centre Clinical Pharmacology activity *Ind J Pharmacology* 2022; 54(5):321-328.
68. **Singh M, Padhy M**, Chopra D .Implementation of Flipped Classroom Model in teaching Biochemistry to Phase-I MBBS Students. *European Journal of Molecular & Clinical Medicine*, 2022; 09(03),2515-8260.
69. R S Rao, **Singh M, Sharma R, Padhy M, Sharma P, Gupta R.** Maternal circulatory levels of procalcitonin, uric acid, and lipid profile in Early-onset preeclampsia and Late-onset preeclampsia. *International Journal of Health Sciences*, 2022; 6(S5), 1543-1550.
70. **Singh M, Padhy M**, Kumar S, **Solanki H K, Gupta R K.** Implementation of 5S management method for lean healthcare in clinical biochemistry laboratory of a government hospital in India *International journal of Health Sciences*, 6(S3), 12124-12135.

71. Rao RS, Sharma P, **Padhy M, Sharma R, Gupta R, Bhattacharjee J, Singh M.** Circulatory Maternal Endothelin 1 and Matrix Metalloproteinase-9 Gene Expression in PREECLAMPSIA: A Study in Western Uttar Pradesh, India, *The Journal of Obstetrics and Gynecology of India* 2022. 10.1007/s13224-022-01720-0.
72. Ravoori SR , **Singh M , Sharma R ,Gupta R** , Bhattacharjee J ,Sharma P, Relation of Circulatory Levels of Endothelin-1, Antioxidants, and Inflammatory Markers with Varying Blood Pressure Levels in Preeclampsia: A Case-control Study, *Journal of Clinical and Diagnostic Research.* 2022 Oct, Vol-16(10): BC06-BC09
73. Rao RS , **Singh M ,Sharma R , Gupta R , Padhy M** , Mehndiratta M , Kar R , Sharma P , Kumar P, Role of circulatory Telomere length, Oxidative stress markers, and inflammatory markers with Increasing Blood pressure in PREECLAMPSIA - A Study in western Uttar Pradesh, India, *Journal of Pharmaceutical Negative Results* | Volume 13 Special Issue 1 | 2022
74. **Jakhar K**, Lone KY, **Gupta R, Srivastava A, Solanki HK.** A Cross-Sectional Study on the Psychological Impact of Stress, Anxiety and Depressive Symptoms in COVID-19 Patients. *Cureus.* 2022 Aug 5;14(8):e27724.
75. **Solanki HK**, Kharya P, Joshi HS, Dixit AM, Koparkar AR, Rath RS. "Biomedical Waste Management in COVID-19 Pandemic: An Emerging Issue in India." *Pollution* 5 (2022): 267.
76. **Shukla S**, Kamini K, Gupta B, **Bahadur S, Kalhan S**, Gupta M. Parameters of coagulation in COVID-19 patients: A correlation with clinical severity. *J Med Microbiol Infect Dis*, 2022; 10(4):1-4.
77. **Priyanka**, Panda M, Kishore J. Willingness to receive COVID-19 vaccine booster among general population of India: an online cross sectional study. *Int J Community Med Public Health* 2022; 9:3557-62.
78. Rasania P, **Priyanka**, Kumar K, Rasania SK. A cross sectional study of knowledge and attitude of undergraduate medical students towards body donation. *Int J Res Med Sci* 2022; 10:2280-4.
79. **Kalsi R**, Ahmad Z, Siddharth M, Vandana KL, Arora SA, Saurav K. Correlation of COVID-19 with severity of periodontitis-A clinical and biochemical study. *Indian J Dent Res* 2022;33:307-12.
80. Gupta V, **Mathur MK**, Dhaiya S, **Kalsi R**, Gupta DK, Sharma S. Artificial Intelligence: Present status and future prospectives in health care domain. *NeuroQuantology* 2022; 20 (5): 3639-3646.



81. Tyagi A, Mehta M, **Sinha G**, Tyagi S, Kumari R. A Randomized Study Of Midazolam Versus Dexmedetomidine For Premedication In Pediatric Age Group Via Intranasal Mucosal Atomization Device. International Journal. 2023 Jan;6(1):18-30
82. Kumar A, Kishore M, **Sinha G**. Submandibular Epidermoid Cyst–A Rare Case. International Journal. 2022 Jul;5(4):506.
83. Kumar A, Kishore M, **Sinha G**. Nasolabial Cyst–A Clinicopathological Case Report. International Journal. 2022 Mar;5(2):287.