

Details of Publications by faculty members department of Pharmacology 2020 to 2024.

1. Khurana I, Bhutani G, Rani S, Saini R. Prescribing Pattern and Medication Inappropriateness in Geriatric Patients in a Tertiary Care Teaching Hospital. *JK Science : Journal of Medical Education & Research*.2020 Vol. 22 No. 3:116-121.
2. Narwat A, Rani S, Bhutani G, Saini R, Singh KD. New corona virus: is just a tip of iceberg?. *Int J Basic Clin Pharmacol*. 2020 Jul;9(7):1147-1152.
3. Bhutani G, Singh KD, Saini R, Rani S, Kumar S. Prescription Quality Index Based Analysis of Prescriptions of Outdoor Patients in a Tertiary Care Centre in Haryana. *JK'science*.2020 Vol. 22 No. 2:88-91.
4. Rani S, Sindhu N, Saini R, Panday AK, Narwat A, Garg S. Comparison of the effects of antidepressants on cognition functions in patients of major depressive disorders in tertiary care hospital in Haryana. *Asian J Pharm Clin Res* 2021;14(3);134-40
5. Kaur J, Rani S, Gulia A, Bhutani G, Kumar S, Narwat A. Role of Vitamin B complex as an add-on therapy to diclofenac in patients with primary osteoarthritis of the knee. *J Pharmacol Pharmacother* 2021;12:68-72
6. Tandon A, Rani S, Juneja P, Bhutani G, Saini R. Comparison of Safety of Latanoprost with Preservative Benzalkonium Chloride versus BAK Free Latanoprost in Primary Open Angle Glaucoma. *IOSR Journal of Dental and Medical Sciences* 2021; 20(9);23-9
7. Juneja P, Rani S, Tandon A, Bhutani G, Saini R. Comparison of safety of latanoprost with preservative benzalkonium chloride (bak) versus bak-free travoprost in primary open-angle glaucoma. *Asian journal of Pharmaceutical and Clinical Research* 2022;7(15):103-06
8. Goyal A, Bhutani G, Singh M, Sharma N, Rani S, Saini R, Makki MFA. A comparison of effects of Dexmedetomidine versus midazolam fentanyl on post operative recovery sedation, analgesia and hemodynamic parameters in patients undergoing middle ear surgery under local anaesthesia. *Asian journal of pharmaceutical and clinical research* 2022;15(10):35-8
9. Makki MFA, Rani S, Kumar S, Bansal P, Saini R, Goyal A. A prospective randomized single-blind study comparing alprazolam versus clonidine and pregabalin as preanaesthetic medication in patients undergoing elective lower limb surgeries. *Asian journal of Pharmaceutical and Clinical Research* 2023;1(16):12-4
10. Bhutani G, Goyal A, Singh M, Sharma N, Rani S, Saini R, Makki MFA et al. Impact on psychomotor functions by sedative agents used during day care surgeries. A randomized controlled double-blind study of Dexmedetomidine versus Midazolam-Fentanyl. *BPJ*. 2023;16(3).
11. Matta S, Bhutani G, Arora T, Garg R, Rani S, Saini R. Comparison between renoprotective effects of febuxostat and allopurinol in chronic kidney disease patients with hyperuricemia. *Asian J Pharm Clin Res*. 2023;16(10):54-8.

2024 to 2025

1. Gupta R, Bhutani G, Sangwan M, Rani S, Saini R, Singh S. To evaluate the efficacy and safety of vitamin D3 as an add on therapy to diclofenac for the treatment of mastalgia: A randomised controlled trial. *Int Adv Res*. 2024;12(12):742-9.
2. Vikas, Rani S, Khandelwal A, Bhutani G, Saini R, Dalal K. Efficacy and safety of Mirabegron plus Vitamin D3 vs Mirabegron alone in the treatment of adult patients of overactive bladder: A randomised controlled trial. *Int Adv Res*. 2024;13(2):545-53.

3. M.R Satya, Saini R, Garg R, Pal R, Rani S, Bhutani G, Efficacy and safety of hydroxychloroquine vs vildagliptin as an add-on therapy to metformin and glimepiride in adult patients with uncontrolled type-2 diabetes mellitus: A randomized controlled clinical study :Sent to Journals
4. Sharma M, Saini R, Siwach S, Tarun, Rani S, Bhutani G, Evaluation of renoprotective efficacy and safety of Pentoxifylline vs Dapagliflozin as an add-on therapy to metformin, glimepiride and telmisartan in patients with diabetic nephropathy: A randomized controlled clinical study :Sent to Journals
5. Gupta V, Ransi S, Siwach S, Garg R, Bhutani G, saini R, Efficacy and safety of Parenteral Magnesium Sulfate versus Oral Nifedipine in management of Preterm labour in a tertiary care hospital: A randomized, comparative study : Sent to Journals

Research topics of PGs

2022 to 2025

Department of Pharmacology

Research work : On going
Efficacy and safety of vitamin D ₃ supplementation in the prevention of pre-eclampsia and associated complications: A randomized controlled clinical study
Evaluation of efficacy and safety of oral vitamin-D ₃ as an add on therapy to intracarpal injection of methyl prednisolone in the management of carpal tunnel syndrome: An open labelled prospective study
To evaluate the efficacy and safety of zinc as an add on therapy to prednisolone for producing early remission of pediatric nephrotic syndrome: A randomized controlled trial
To Evaluate Efficacy and Safety of BP aLM Regimen in Drug-Resistant Tuberculosis Patients at a Tertiary Care Centre in India: A Prospective Observational Study
Evaluation and comparison of cardioprotective Approved efficacy and safety of dapagliflozin vs vildagliptin as an add-on therapy to standard treatment in patients with type 2 diabetes mellitus with hypertension
Assessment of efficacy and safety of metformin as an add therapy to doxycycline and benzoyl peroxide for treatment of patients with moderate to severe acne vulgaris in a tertiary

