

DEPARTMENT OF PHARMACOLOGY, PT.B.D.SHARMA PGIMS, ROHTAK

No. Pharma./22/ 540

Dated: 25/8/22

To

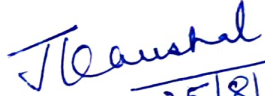
The Officer Incharge I.T. & Tele Medicine  
Pt. B.D.S. PGIMS,Rohtak.

**Subject:- Implementation of Pro-active disclosure under section-4 of RTI Act 2005.**

Reference SPIO office letter no. SPIO/PGIMS/2022/6690-93 dated 22.08.2022 on the subject noted above.

Please find enclosed herewith the information of Pharmacology Department after approval by the Director vide reference letter mentioned above, in PDF format as Soft Copy and Hard copy for uploading on the website of the institute for implementation of Pro-active disclosure under section-4 of RTI Act 2005.

This is for your kind information and necessary action please.

  
25/8/22  
Sr. Prof. & Head  
Department of Pharmacology  
Pt. B.D. Sharma PGIMS, Rohtak

DEPARTMENT OF PHARMACOLOGY, PT.B.D.SHARMA PGIMS, ROHTAK

No. Pharma./22/ 803

Dated: 16/8/22

To

The Director,  
Pt. B.D.S. PGIMS, Rohtak.

Subject:- Implementation of pro-active disclosure in section-4 of RTI Act-2005.

Reference your office letter Endst. no. SPIO/PGIMS/2022/4094-4132 dated 23.06.22 on the subject noted above.

Please find enclosed herewith the complete information of Pharmacology Department for your kind approval so that the same may be sent to the department of Telemedicine for uploading it on the college website.

This is for your kind information and necessary action please.

*J. Kaur*  
16/8/22

Sr. Prof. & Head  
Department of Pharmacology  
Pt. B.D. Sharma PGIMS, Rohtak

Encl: As above.

Approved | SPIO

*[Signature]*  
Director  
17.08.22

*[Signature]*

*J. Kaur*  
Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohtak

**Pharmacology Department**

**List of Faculty Members**

Name of the faculty	Current Designation & Date of promotion	Qualification
Dr Jyoti Kaushal	Senior Professor & HOD	MD Pharmacology
Dr Jarnail Singh	Professor	MD Pharmacology
Dr Savita Verma	Professor	MD Pharmacology
Dr Vivek Sharma	Professor	MD Pharmacology
Dr Sarita Goyal	Professor	MD Pharmacology
Dr Rakesh Mittal	Professor	MD Pharmacology
Dr Niti Mittal	Assoc. Professor	MD Pharmacology
Dr Jyoti Khanna	Assistant Professor	MD Pharmacology
Dr Sunil	Assistant Professor	MD Pharmacology
Dr Jyoti Sharma	Assistant Professor	MD Pharmacology

N.B.

- Publications by faculty should be attached as annexure I.
- Publications should be quoted in Vancouver referencing style.

*J Kaushal*  
**Senior Professor & Head**  
**Department of Pharmacology**  
**Pt. B.D.S. P.G.I.M.S., Rohtak**

Senior Residents

Department of Pharmacology

S.no	Name	Designation	Qualification
1.	Dr. Jyoti Dahiya	Demonstrator	MD Pharmacology
2.	Dr. Himani Deswal	Demonstrator	MD Pharmacology
3.	Dr. Smriti Chawla	Demonstrator	MD Pharmacology

*J. K. Singh*  
Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohat.

Post Graduate Residents

Department of Pharmacology

S No.	Name of the PG Student	Department	Year of admission
1.	Dr. Rahul Deb	Pharmacology	2019
2.	Dr. Poonam Arora	Pharmacology	2019
3.	Dr. Bharat Pant	Pharmacology	2020
4.	Dr. Komal Dalal	Pharmacology	2020
5.	Dr. Saurabh Patil	Pharmacology	2020
6.	Dr. Sumit Kumar	Pharmacology	2020
7.	Dr. Pankaj Kaushik	Pharmacology	2020
8.	Dr. Karthick Sekar	Pharmacology	2021
9.	Dr. Deepinder Narang	Pharmacology	2021
10.	Dr. Harsh Vasistha	Pharmacology	2021
11.	Dr. Kanchan Kalra	Pharmacology	2021
12.	Dr. Shaveta Siwach	Pharmacology	2021
13.	Dr. Chintan Makwana	Pharmacology	2021

*Heavenly*  
Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohtak



# Department of Pharmacology, PGIMS Rohtak

## PG teaching Roster: May 2022

Date	Day	Topic	Moderator	Resident
10/05/2022	Tuesday	Seminar: Beta-blockers-Pharmacological perspective & Recent Advances	Dr. Rakesh Mittal	Dr. Saurabh
12/05/2022	Thursday	Experiment: General Introduction to Experimental Animals	Dr. Jyoti Sharma	Dr. Pankaj
14/05/2022	Saturday	Drug Review	Dr. Suneel	Dr. Bharat
17/05/2022	Tuesday	Seminar: M.I. - Pathophysiology, Management & Recent Advances	Dr. Niti Mittal	Dr. Sumit
19/05/2022	Thursday	Experiment: Commonly used experimental animals- Rodents, Non-rodents and Miscellaneous	Dr. Vivek Sharma	Dr. Komal
24/05/2022	Tuesday	Screening: Anti-anginal Drugs	Dr. Jarnail Singh	Dr. Pankaj
26/05/2022	Thursday	Experiment: To assess the activity of Acetyl choline on chicken/guinea pig ileum using organ bath	Dr. Jyoti Kaushal	Dr. Saurabh
28/05/2022	Saturday	Journal Club	Dr. Sarita Goyal	Dr. Sumit
31/05/2022	Tuesday	Seminar: Pathophysiology, Management and Recent Advances of Shock	Dr. Savita Verma	Dr. Bharat

## Tutorial- 2-4 PM Wednesday's

Date	Topic	Faculty
04/05/2022	Anti-Hypertensive Drugs & Management of Hypertension	Dr Rakesh Mittal
11/05/2022	Management of Congestive Heart Failure	Dr Vivek Sharma
18/05/2022	Pulmonary Artery Hypertension- Management	Dr Sarita Goyal
25/05/2022	Peripheral Vascular Disease- Management	Dr Niti Mittal

## Instructions for above sessions :-

1. All presentations and experiments to be scheduled from 9AM onwards.
2. Sessions are mandatory for all JRs, SRs & faculty.
3. Presentation to be shared with all teaching staff minimum 3 days prior to the date of presentation.

*J. Kaushal*  
25/4/22  
Professor and Head  
Department of Pharmacology  
PGIMS, Rohtak

*J. Kaushal*  
Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohtak



Pharmacology Department

MBBS Schedule (July 2022)

Day	Lectures (Monday and Wednesday-8.00-9.00 am) (Friday- 7.00-8.00 am)	12.00-2.00 pm (SCG/tutorial/SDL in Pharmacology Department) (Demonstration class- L.F-5)
Friday 01-07-22	Neurodegenerative disorders (Dr. Rakesh Mittal)	B PH 3.2 Perform and interpret a critical appraisal (audit) of a given prescription -Dr Sarita SG
Saturday 02-07-22		A PH 3.2 Perform and interpret a critical appraisal (audit) of a given prescription -Dr Sarita SG
Monday 04-07-22	Theory Test	---
Tuesday 05-07-22		B Notebook correction
Wednesday 06-07-22	1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including opioid agonists and antagonists) (Dr. Jyoti Kaushal)	A Notebook correction
Thursday 07-07-22		
Friday 08-07-22	1.35 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in hematological disorders like: Drugs used in anemias Colony Stimulating factors (AIF) (Dr. Jyoti Khanna)	B Tutorial Adrenergics & Antiadrenergics
Saturday 09-07-22		A Tutorial Adrenergics & Antiadrenergics
Monday 11-07-22	1.48 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in and viral diseases including HIV (AIF) (Dr. Niti)	---

Senior Professor & Head  
Department of Pharmacology  
Dr. B.D. S. P. C. I. M. S. - Rewari

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Tuesday 12-07-22		B 5.4 Explain to the patient the relationship between cost of treatment and patient compliance (Skill station)- Dr Jarnail Singh
Wednesday 13-07-22	1.19 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, including opioid agonists and antagonists (Dr. Jyoti Kaushal)	A 5.4 Explain to the patient the relationship between cost of treatment and patient compliance (Skill station)- Dr Jarnail Singh
Thursday 14-07-22		
Friday 15-07-22	1.35 Describe the mechanism's of action, types, doses, side effects, indications and contraindications of drugs used in hematological disorders like: Drugs used in anemias Colony Stimulating factors (AIF) (Dr. Jyoti Khanna)	B Internal Assessment
Saturday 16-07-22		A Internal Assessment

Monday 18-07-22	1.25 Describe the mechanism's of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like antiaggregants, antiplatelets, fibrinolytics, plasma expanders (Dr. Jarnail Singh)	
Tuesday 19-07-22		B Internal Assessment
Wednesday 20-07-22	1.44 Describe the first line antitubercular drugs, their mechanisms of action, side effects and doses (Dr. Niti Mittal)	A Internal Assessment
Thursday 21-07-22		
Friday 22-07-22	1.20 Describe the effects of acute and chronic ethanol intake 1.21 Describe the symptoms and management of methanol and ethanol	B Internal Assessment

Dr. R.D.S. P.G.I. & H. S. Khetwal  
 Department of Pharmacology  
 Senior Professor & Head



22-07-22	poisonings (Dr. Vivek Sharma)	
Saturday 23-07-22		A Internal Assessment

Monday 25-07-22	1.25 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like anticoagulants, antiplatelets, fibrinolytics, plasma expanders (Dr. Jarnail Singh)	
Tuesday 26-07-22		B PH 5.3 Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider (Dr. Niti)
Wednesday 27-07-22	1.19 Anti-psychotic Drugs (Dr. Jyoti Kaushal)	A PH 5.3 Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider (Dr. Niti)
Thursday 28-07-22		
Friday 29-07-22	1.45 Describe the drugs used in MDR and XDR Tuberculosis H.I. – Microbiology (Dr. Niti)	B 1.64 SDL- Describe overview of drug development, Phases of clinical trials and Good Clinical Practice & Pandemic module 2.5 Therapeutic strategies including new drug development.
Saturday 30-07-22		A 1.64 SDL- Describe overview of drug development, Phases of clinical trials and Good Clinical Practice & Pandemic module 2.5 Therapeutic strategies including new drug development.

Monday 01-08-22	1.25 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like anticoagulants, antiplatelets, fibrinolytics, plasma expanders (Dr. Jarnail Singh)	
Tuesday 02-08-22		B PH 5.2 Communicate with the patient regarding optimal use of a) drug therapy, b) devices and c) storage of medicines. (Dr. Jyoti Khanna)

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Wednesday 03-08-22	1.19 Anti- psychotic drugs (Dr. Jyoti Kaushal)	A PH 5.2 Communicate with the patient regarding optimal use of a) drug therapy, b) devices and c) storage of medicines. (Dr Jyoti Khanna)
Thursday 04-08-22		
Friday 05-08-22	1.46 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs (Dr. Niti Mittal) H.1. - microbiology	B PH 3.8 Communicate effectively with a patient on the proper use of prescribed medication PH 5.1 Communicate with the patient with empathy and ethics on all aspects of drug use (Dr Jyoti Sharma)
Saturday 06-08-22		A PH 3.8 Communicate effectively with a patient on the proper use of prescribed medication PH 5.1 Communicate with the patient with empathy and ethics on all aspects of drug use (Dr Jyoti Sharma)

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Dr. Jyoti Kaushal

Dr. Niti Mittal

Dr. Jyoti Kaushal

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### Pharmacology Department

The Pharmacology Department is involved in imparting education to various courses like MBBS, BDS, BSc Nursing and various other paramedical courses like BPT, MPT, BSc Perfusion, BSc Optometry. The Department is also conducting from time to time various CMEs/symposiums/seminars for UG & PG students. The Pharmacology Department is also involved in conducting various competitions like E-poster competitions & role plays for UG students.

#### Pharmacovigilance Programme of India (PvPI):

The Department of Pharmacology is the regional Pharmacovigilance centre under Pharmacovigilance Programme of India (PvPI) and is actively involved in collecting adverse drug events/reactions from various departments of the hospital. The information collected is uploaded at WHO-UMC software-Vigiflow to be received at Indian Pharmacopoeia Commission (IPC), Ghaziabad which is the National Coordinating centre under this Programme and gathered in national database and from there it is ultimately sent to WHO-UMC, Sweden. This process helps in making regulatory decisions regarding drugs like drug withdrawal /ban from marketing /adding black box warnings to the labels etc., thereby ensuring safe use of the drugs.

An "ADR Causality Assessment Committee" has also been constituted with Dr. Jyoti Kaushal as Chairperson and Dr Vani Malhotra and Dr Savita Verma as members.

More than 1,000 high quality Adverse Drug Reaction (ADR) reports were uploaded on the Vigiflow (national database) of Indian Pharmacopoeia Commission (IPC), Gaziabad. This ADR monitoring centre is among the top 5 Pharmacovigilance centers contributing to the IPC under PvPI.

*J. Kaushal*  
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As/Recognition/Honours in the last five years:

2017-2018

**Dr. Jyoti Kaushal**

1. Delivered Guest Lecture on 'How to live with Diabetes' in 11<sup>th</sup> World Drug Delivery and Pharmaceutics Conference at Indian Pharma Expo New Delhi from 3<sup>rd</sup> to 5<sup>th</sup> August 2017.
2. Delivered Guest Lecture on 'Schedule Y' in CME on 'Ethics in Clinical Research' held in Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly on 20<sup>th</sup> December, 2017.
3. Participated in panel discussion on 'Ethics in Clinical Research' in CME held in Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly on 20<sup>th</sup> December, 2017.
4. Chaired a session at NMOCON 2018 held at BPS Govt Medical College, Khanpur on 11<sup>th</sup> Feb, 2018.

**Dr Savita Verma**

1. Guest lecture - 'Good Clinical Practices' in 2nd Capacity Building Workshop for Ethics Committee on 7<sup>th</sup> December, 2016 held at Pt. BD Sharma Post Graduate Institute of Medical Sciences, UHS, Rohtak.
2. Guest lecture - 'Search of Literature' at Thesis writing & Research Methodology workshop held from 1<sup>st</sup> to 6<sup>th</sup> September 2016 at Pt. BD Sharma Post Graduate Institute of Medical Sciences, UHS, Rohtak.
3. Guest lecture - 'Ethical Review of Protocols' in Capacity Building Workshop for Ethics Committee on 8<sup>th</sup> April, 2016 held at Pt. BD Sharma Post Graduate Institute of Medical Sciences, UHS, Rohtak.
4. CMCL-FAIMER Fellowship Program Christian Medical College, Ludhiana Jan 2018
5. Resource faculty: 2nd Revised Basic Course Workshop (rBCW) in Medical Education Technologies Organized under the aegis of MCI Regional Centre for MET MAMC, New Delhi on "Assessment planning and quality assurance. Writing the correct essay question, short answer question and MCQ & Matching assessment to competency, objectives and learning Workshop - Choosing the right assessment" 27-29 Nov 17 PGIMS, Rohtak
6. Chaired a session at Treat - serve - empower in National Medicos Organisation (NMO), NMOCON 2018 24<sup>th</sup> & 25<sup>th</sup> Feb, 2018, BPSGMCW, Khanpur Kalan, Sonapat, Haryana
7. Resource faculty: Thesis Writing & Research Methodology workshop on "Writing Review of literature" 4 - 9 Sept 2017 PGIMS, Rohtak
8. Resource faculty: 1st Revised Basic Course Workshop (rBCW) in Medical Education Technologies Organized under the aegis of MCI Regional Centre for MET MAMC, New Delhi on "Writing a lesson plan & Matching assessment to competency, objectives and learning Workshop - Choosing the right assessment" 17-19 April 17 PGIMS, Rohtak
9. As resource faculty in CME cum workshop on 'Pharmacovigilance : Understanding Relevance & Challenges' at BPS Govt. Medical college for women, Khanpur Kalan, Sonapat 4<sup>th</sup> Aug, 2018
10. Literature Search on Pubmed" delivered at Workshop on "Thesis Protocol Writing" at PGIMS, Rohtak 6<sup>th</sup> to 11<sup>th</sup> Aug., 2018
11. As resource faculty 3rd Capacity Building Workshop For Ethics Committee - 'Ethics & Biomedical research' at Pt B D Sharma PGIMS, Rohtak 26<sup>th</sup> Nov, 2018

2019-2020

**Dr Jyoti Kaushal**

Evaluated posters in CME cum Workshop regarding GCP guidelines and ethical issues in clinical research, held at BPS Govt Medical College, Khanpur on 6<sup>th</sup> April 2019.

**Dr Savita Verma**

Panel Discussion- Legal and ethical issues in Surrogacy in Symposium on Surrogacy Bill 2018 at Pt. B D Sharma PGIMS, Rohtak 13<sup>th</sup> Mar, 2019

*J Kaushal*

**Dr. Mittal**

1. Panelist for "Faculty development in CBME at CME cum Workshop on "Competency Based Medical Education: Concept and Application" from 29-30 April 2019 at CMC, Ludhiana
2. MCI 4<sup>th</sup> revised Basic Course Workshop in MET & AETCOM sensitization workshop organized under the aegis of MCI Regional Centre for MET MAMC, New Delhi 23-26 Sept 2019
3. PGIMS, Rohtak
4. 3.MCI Curriculum Implementation Support Program (CISP) organized under the aegis of MCI Regional Centre for Medical Education Technologies, Maulana Azad Medical College, New Delhi 25-27 April 2019 PGIMS, Rohtak

**2020-2021**

**Dr. Jyoti Kaushal**

Guest Faculty

1. Chaired a session in IMSACON Conference on 12<sup>th</sup>- 13<sup>th</sup> December 2020. Held in PGIMS Rohtak, Haryana, India
2. Organized E-poster competition-2020 as Organising Co-Chairperson & Evaluated E-posters on Antimicrobial Awareness on 23<sup>rd</sup> November, 2020. Held in PGIMS Rohtak, Haryana, India

Honors (Appreciation)-

Got 'Certificate of Appreciation' in Online Quiz on COMBATING COVID-19 hosted by Institute of Hotel Management Catering Technology & Applied Nutrition, Chennai on 24<sup>th</sup> August 2020

**Dr Rakesh Mittal**

1. Chaired a session in International Medical Science Academy Conference (IMSACON) 2020 held from 12-13 December 2020 organised by Pt. B D Sharma PGIMS, Rohtak, Haryana
2. State Representative (Haryana), Indian Society of Rational Pharmacotherapeutics (ISRPT), India.
3. Member, Editorial Board of Journal of Pharmacovigilance and Drug Safety (Journal by Society of Pharmacovigilance of India.)
4. 5<sup>th</sup> Revised Basic Course Workshop (rBCW) in Medical Education Technologies Organized under the aegis of MCI Regional Centre for MET MAMC, New Delhi . 24-26 March 21 PGIMS, Rohtak
5. 40<sup>th</sup> National Workshop in Clinical Pharmacology and therapeutics (NWCPT) 2021 9-14 August 2021 PGIMER, Chandigarh
6. 7<sup>th</sup> Revised Basic Course Workshop (rBCW) in Medical Education Technologies Organized under the aegis of MCI Regional Centre for MET MAMC, New Delhi 24-26 August 2021 PGIMS, Rohtak
7. 6<sup>th</sup> Revised Basic Course Workshop (rBCW) in Medical Education Technologies Organized under the aegis of MCI Regional Centre for MET MAMC, New Delhi 4-6 August 2021 PGIMS, Rohtak

**Dr Niti Mittal**

Chaired a session in International Medical Science Academy Conference (IMSACON) 2020 held from 12-13 December 2020 at Pt. B D Sharma PGIMS, Rohtak, Haryana.

**Dr Jyoti Khanna**

Organized E-poster Competition on "Antimicrobial awareness" by Department of Pharmacology, PGIMS, Rohtak on 23<sup>rd</sup> November, 2020 under the auspices of 'World Antimicrobial Awareness Week, 2020' by WHO.

*J. Kaushal*

Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohtak

2022

**Dr Jyoti Kaushal**

1. Got appreciation from Indian Pharmacopoeia Commission , National Coordination Centre (NCC)- Pharmacovigilance Programme of India (PvPI) for contributing towards ICSRs to NCC-PvPI
2. As coauthor/co investigator won the Best Poster Award on poster presentation on research work entitled "To evaluate the analgesic effect of omeprazole using eddy's hot plate method" in the 13 th Annual Conference of Indian Society for Rational Pharmacotherapeutics Conference held from 25th-27th November, 2021 at Sri Aurobindo University Campus, Indore (MP).
3. Evaluated Essay writing Competition of MBBS students & PGs for Pharmacovigilance programme organized by Department of Pharmacology from 17 th to 23 rd September, 2021

**Dr Vivek Sharma**

Won best jury award in a national conference organized by the medical device monitoring center (MDMC) of Panimalar medical college hospital & research institute in coordination with NCC- Materiovigilance programme of India (MvPI), IPC Ghaziabad organized on 2<sup>nd</sup> July, 2022.

**Dr Jyoti Khanna**

Won the Best Poster Award on poster presentation on research work entitled "To evaluate the analgesic effect of omeprazole using eddy's hot plate method" in the 13 th Annual Conference of Indian Society for Rational Pharmacotherapeutics Conference held from 25th-27th November, 2021 at Sri Aurobindo University Campus, Indore (MP).

**Dr Jyoti Dahiya**

Got 2<sup>nd</sup> position in poster presentation in a national conference organized by the medical device monitoring center (MDMC) of Panimalar medical college hospital & research institute in coordination with NCC- Materiovigilance programme of India (MvPI), IPC Ghaziabad organized on 2<sup>nd</sup> July, 2022.

*J Kaushal*

Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohtak



2019-20

International Publications

1. Mahesh C. Gupta, Jyoti Khanna, Dhruva Chaudhry. Patients' sensory perception and satisfaction with use of metered dose inhalers and dry powder inhalers in moderate persistent asthma. *Int J Basic Clin Pharmacol.* 2019;8(9):1970-75.
2. Gupta M. C., Khanna J, Chaudhry D. A comparison of efficacy and safety of fixed dose combination of budesonide/formoterol using pressurized metered dose inhalers (pMDI) and dry powder inhalers (DPI) in patients of moderate persistent asthma *World J Pharm Pharm Sci.* 2019;8(8):1359-71.
3. Gupta MC, Sharma J. How expired are the expired drugs: Therapeutic, Regulatory & Financial implications. *World J Pharm Pharm Sci.* 2019;8(4):215-226.
4. Sarita Goyal, M C Gupta. To evaluate the anti-depressant effect of ascorbic acid alone and as an adjuvant with venlafaxine in mice. *Eur J Pharm Med Res.* 2019;6 (5):384-7.
5. Sanjana Dawra, Sarita Goyal, Nirmala Duhan, M C Gupta. Efficacy and safety of ulipristal acetate and letrozole in symptomatic uterine leiomyomas. *World J Pharm Pharm Sci.* 2019;8(9):944-54.
6. Sanjana Dawra, Sarita Goyal, MC Gupta. Knowledge, attitude and practice of contraceptive methods in women of reproductive age group in an urban district of Haryana. *SSR Inst Int J Life Sci.* 2019;6(1):2455-61.
7. Nayak K, Gupta MC, Aggarwal K. Efficacy and safety of metformin as add on therapy in adult patients psoriasis with and without metabolic syndrome. *World J Pharm Pharm Sci.* 2019;8(8):1083-97.
8. Misra S, Kaushal J, Khurana A. Quality of life with three schedules in dry eye disease patients: a comparative study. *Eur J Pharm Med Res.* 2019;6(6):682-8.
9. Aniya, Kaushal J, Singhal SR. Effect of dienogest and medroxyprogesterone acetate (MPA) on quality of life in endometriosis: a comparative study. *Eur J Pharm Med Res.* 2019;6(10):481-5.
10. Singh J. Intranasal oxytocin: A therapeutic option for treatment of posttraumatic stress disorder (PTSD). *Int J Sci Res.* 2019;8 (4):51-4
11. Kainth P, Singh J, Godara R. Comparative study of efficacy and safety of intravenous paracetamol versus diclofenac as postoperative analgesic in laparoscopic cholecystectomy. *Eur J Pharm Med Res.* 2019;6(5):372-7.
12. Sharma V, Dahiya J, Sachdeva S, Gupta MC, Sharma S. Comparative evaluation of efficacy and safety of Bepotastine besilate versus Olopatadine and Ketorolac combination in patients with vernal keratoconjunctivitis. *Int J Med Res Prof.* 2019;5(4):1-6.
13. Dahiya J, Sharma V, Sachdeva S, Gupta MC, Sharma S, Narewat A. Comparative Evaluation Of Quality Of Life In Patients Of Vernal Keratoconjunctivitis treated With Bepotastine Besilate Versus Olopatadine And Ketorolac Combination In Eye Department At Tertiary Care Hospital In Indian Population. *Int. J Interdiscip Multidiscip Stud.* 2019;6(2):64-72.
14. Arvind Narwat, Anjali Sindhu, Suneel Kumar. Trigeminal neuralgia: recent approach in classification, diagnosis and management. *IJBCTP* 2019;8:1930-8.
15. Sharma V, Dahiya J, Gupta MC. Comparative evaluation of bepotastine besilate versus olopatadine and ketorolac combination on upper tarsal conjunctival brush cytology in patients of vernal keratoconjunctivitis. *Int. J Interdiscip Multidiscip Stud.* 2020;7(1):45-55.

National Publications

1. Sharma V, Kaushal J, Makkar S, Dahiya J. Doravirine: Newer Molecule of Millennium. *J Rational Pharmacother Res.* 2019;5(1):37-41

Published Chapters in Book

Verma S. "High-Mix Insulins" in *Insulin Manual*, an official publication of Society for Promotion of Education in Endocrinology & Diabetes. Evangel. 2020;75-82.

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Senior Professor & Head  
Department of Pharmacology  
Pt. B.D.S. P.G.I.M.S., Rohtak

International Publications

1. Deswal H, Goyal S, Goyal S, Gupta M.C. Efficacy of Rifaximin versus Probiotics in the patients of Diarrhea predominant Irritable Bowel Syndrome. *European journal of Biomedical and pharmaceutical sciences (EJBPS)*. 2021;8(2):261-6.
2. Goyal S, Deswal H, Goyal S, Gupta M.C. Comparative evaluation of Rifaximin and VSL#3 in the patients of Irritable Bowel Syndrome with Diarrhea. *World Journal of Pharmaceutical Research (WJPR)*. 2021;10(3):1516-27.
3. Deswal H, Goyal S, Goyal S, Gupta M.C. Evaluation of health-related quality of life with rifaximin and probiotics in the patients of diarrhea predominant irritable bowel syndrome. *World Journal of Pharmacy and Pharmaceutical Sciences*. 2021;10(2):1353-61.
4. Gupta S, Mittal N, Gupta MC. Cystic fibrosis: current treatment and future direction. *Int J Basic Clin Pharmacol*. 2021;10:444-52.
5. Raches Ella, Krishna Mohan Vadrevu, Harsh Jogdand, Sai Prasad, Siddharth Reddy, Vamshi Sarangi, Brunda Ganneru, Gajanan Sapkal, Pragya Yadav, Priya Abraham, Samiran Panda, Nivedita Gupta, Prabhakar Reddy, **Savita Verma**, Sanjay Kumar Rai, Chandramani Singh, Sagar Vivek Redkar, Chandra Sekhar Gillurkar, Jitendra Singh Kushwaha, Satyajit Mohapatra, Venkat Rao, Randeep Guleria, Krishna Ella, Balram Bhargava. Safety and Immunogenicity of an Inactivated SARS-Cov-2 Vaccine, BBV152: A Double-Blind, Randomised, Phase I Trial. *The Lancet Infectious Diseases*. 2021;21:637-46.
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