

DEPARTMENT OF PHYSIOLOGY PT.B.D.S.PGIMS, ROHTAK.

No.Phy/22/

Dated:

To

The SPIO
PT.B.D.S.PGIMS
Rohtak.

Sir,

Please find enclosed the following.

1. Photocopy of the approval letter by the Director, PT.B.D.S.PGIMS, Rohtak.
2. Undertaking by PIO-Cum-Sr. Prof. & Head, Dept. of Physiology PT.B.D.S.PGIMS, Rohtak.
3. Required information pertaining to dept. of Physiology PT.B.D.S.PGIMS, Rohtak to get it uploaded on the institute website (Sent earlier also).

(Dr. Jyoti Yadav)
Sr. Prof. & Head
Dept. of Physiology
PT.B.D.S.PGIMS, Rohtak.

Endst. No. Phy/22/ 1372

Dated: 10/8/22

Copy to:

1. Dr. Sukhdev, Professor, Incharge Dept. of IT, PT.B.D.S.UHS, Rohtak.

(Dr. Jyoti Yadav)
Sr. Prof. & Head
Dept. of Physiology
PT.B.D.S.PGIMS, Rohtak.

DEPARTMENT OF PHYSIOLOGY PT. B.D.S. PGIMS, ROHTAK
No. Phy/22/ 1353

Dated 6/8/22

To

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


Sub: Approval letter


Sir,

Reference to letters no. IT/22/247 dated 23.06.2022 & SPIO/PGIMS/2022/4094-4132 dated 23.06.2022 the information pertaining to the department of Physiology, Pt. B.D.S. PGIMS, Rohtak were already provided vide letter no. Phy/22/1243 dated 04.07.2022 to the IT department and to the SPIO vide letter no. Phy/22/1268 dated 06.07.2022 and to the Director, PGIMS, Rohtak vide letter no. Phy/22/1269 dated 06.07.2022. Now, again the same information about the department of Physiology is provided (photocopy attached). So please provide an approval letter as mentioned in the letter no. SPIO/PGIMS/2022/4873-4942 dated 22.07.2022.

This is for your kind information and necessary action please.

Thanking you.



Sr. Prof. & Head
Deptt. of Physiology
Pt. B.D.S. PGIMS
Rohtak


Sr. Prof. & Head Physiology
Approved | *SPIO*


Sr. Professor & Head Physiology
Pt. B.D. Sharma P G.I.M.S.
ROHTAK

Department of Physiology, Pt. B.D. Sharma PGIMS, Rohtak.

The department of Physiology Pt.B.D.Sharma PGIMS Rohtak is serving in several aspects. Several streams which include MD Physiology, MD Sports Medicine, MPT, MBBS, BDS, BPT, BSc Nursing, BSc Optometry, BSc OT technology, BSc Perfusion technology, BSc MLT, are being taught by the teachers of department of Physiology. Yoga & Naturopathy is also running under the department of Physiology, a unit of Central council for Research in Yoga & Naturopathy, New Delhi since 2009. Patients suffering from chronic and lifestyle disorders are getting benefit of Yoga and Naturopathy and advice is provided free by Yoga and Naturopathy physician. Naturopathy home remedies and counselling for positive lifestyle modifications are also provided by the staff of yoga which is showing good response. Yoga therapy classes are also conducted by yoga therapist in Indira Gandhi Vidya Bhawan, North Block, Pharmacy college, gate no. 3, at Pt. B.D.Sharma PGIMS, Rohtak. Regularly several batches of yoga therapy of one hour duration each is being conducted by yoga therapist on fulltime basis. A good number of patients are benefitted. International yoga day is celebrated on 21st June, which is attended by large number of faculty, students and staff members.



10/8/22
Dr. Professor & Head Physiology
Pt. B.D. Sharma P.G.I.M.S.
ROHTAK

Subject – For Physiology website update
Department of Physiology, PT.B.D.S PGIMS Rohtak.
Official Email id: physiology.pgims@uhsr.ac.in
Office Intercom no: 2317

Sr No.	Name of Faculty	Designation	Qualification	Date of joining as Regular Faculty	Mobile No.	Email ID
1.	Dr. Jyoti Yadav	Sr. Prof. & Head	MD	25.3.1995		
2.	Dr. Kiran Singh	Professor	MD	25.3.1995		
3.	Dr. Sukhdev Chandla	Professor	MD, DCH	10.7.2001		
4.	Dr. Beena	Professor	MD	24.5.2006		
5.	Dr. Anupama	Professor	MD	23.8.2006		
6.	Dr. Geetanjali	Professor	MD	23.2.2007		
7.	Dr. Dipti Agarwal	Professor	MD	13.6.2008(A.N)		
8.	Dr. Sat Pal	Professor	MD	6.3.2013		
9.	Dr. Mridul	Professor	MD	24.12.2013(A.N)		
10.	Dr. Shelja	Associate Prof.	MD	6.2.2018		


Sr No	Name of Demonstrator	Designation	Qualification	Mobile No.	Email ID
1.	Dr. Kavita Yadav	Demonstrator	M.Sc.Physiology, Ph.D.Physiology		
2.	Miss Sakshi	Demonstrator	M.Sc. Medical Physiology		

Sr No.	Name of PG	Admission Batch year
1.	Dr. Deepika	2020
2.	Dr. Ashu	2020
3.	Dr. Dinesh	2020
4.	Dr. Prateek	2020
5.	Dr. Bhavy	2021
6.	Dr. Bhumija Yadav	2021
7.	Dr. Sana Ahsan	2021


Dr. Professor & Head Physiology
Pt. B.D. Sharma P G.I.M.S.
ROHTAK

Publications 2019-2021

Year	Publications
2019	<ol style="list-style-type: none"> 1. Verma M, Yadav J, Garg U, Narayan JP, Prikshit. Normative data of nasal mucociliary clearance time in healthy Indian population - A preliminary study. Int J Sci Res 2019;8(2):1-3. 2. Raj A, Gupta A, Gupta R, Gupta R. Cognitive derangement in smokeless tobacco users. Int J Sci Res 2019;9(8):58-60. 3. Gupta R, Singla P, Goel N, Gupta A, Gupta R. Pulmonary mycosis in asthma-chronic obstructive pulmonary disease overlap syndrome. IJMSPH 2019;9(2):1-5. 4. Pal S, Mishra N, Singh P, Sood S, Kumar H. Study of Galvanic Skin Response in patients of Moderate Depression. Indian J Health Wellbeing 2019;10(1-3):29-31. 5. Sat Pal, Prashant P, Rohilla R. Psychological distress in Undergraduate medical students. Int J Physiol 2019;7(3):178-82.
2020	<ol style="list-style-type: none"> 1. Yadav J, Garg SL. Respiratory functions during various phases of menstrual cycle. Indian J Clin Pract 2020; 30(9):829-31. 2. Gupta PP, Agarwal D, Kumar C, Gupta S. Unilateral pulmonary opacity with herniation of contralateral lung to same side. Newzealand Med J 2020; 25:133 (1522):172-6. 3. Sharma G. Atypical presentation of Medullary syndrome in a young woman. J Advances Med Res 2020; 32 (15):6-11. 4. Sharma G. Clinical & Electrophysiological aspects of charcot Marie tooth Disease-A case report of two patients. Int Neuropsychiatric Dis J 2020; 14 (4):71-8. 5. Pal S, Mishra N, Singh P, Prashant P. Study of parasympathetic activity in newly diagnosed patients of moderate depression using high frequency of HRV. Int J Physiol 2020; 8(1):82-5. 6. Gupta R, Taneja N, Anand T, Gupta A, Gupta R. Internet addiction, sleep quality and depressive symptoms amongst medical students in Delhi, India. Community Mental Health J 2020.57(4):771-6. 7. Gupta S, Ghalawat N, Chandla S, Rani P, Rathee Sk. Anthropometric study of depth of Acetabulum. Int J Sci Res. 2020; 9 (9):60-62. 8. Gupta R, Singla P, Goel N, Gupta A, Singh P, Gupta R. Screening of pulmonary mycosis: Sputum versus bronchoalveolar lavage. Egyptian J Chest Diseases Tuberculosis 2021; 70 (2) 249-53.
2021	<ol style="list-style-type: none"> 1. Yadav J, Garg SL. Correlation between nasal mucociliary clearance and peak expiratory flow rate during various phases of menstrual cycle. Indian J Clin Pract 2021; 31 (8) :742-49. 2. Singh K, Chandana H, Chugh JP. Effect of mobile phone on intra ocular pressure in mobile phone users: A preliminary report. Int J Basic Applied Physiology 2021; 10 (1) :42-6. 3. Pal S, Prashant P, Dokwal S, Bansal P, Kumar A. Migraine: prevalence amongst students of health university of north India. Int J Sci Res 2021;10 (3): 40-42. 4. Pal S, Singla P, Gupta S, Sood T. Virtual Classes in Medical Education during Covid 19: Student perspectives from a teaching tertiary care institute in North India. Indian J Health Wellbeing.2021;12(1):74-6.


 10/8/22
 Dr. Professor & Head Physiology.
 Pt. B.D. Sharma P.G.I.M.S.
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Thesis projects 2017-2024:


Sr. No.	Supervisor	PG candidate	Thesis Project Title
2017-2020			
1.	Dr. Anupama	Dr. Ashish Raj	To study cognitive and pulmonary functions in tobacco chewers and smokers.
2018-2021			
1.	Dr. Geetanjali	Dr. Sushant	Study of brainstem auditory evoked and nerve conduction in adult patients of iron deficiency anemia.
2019-2022			
1.	Dr. Jyoti Yadav	Dr. Trishla	To study Mucociliary clearance and peak expiratory flow rate in young healthy adults.
2.	Dr. Kiran	Dr. Himanshi	To study the effect of electromagnetic waves from mobile phone on intraocular pressure and peak expiratory flow rate.
2020-2023			
1.	Dr. Sukhdev	Dr. Ashu	To study the effect of Anulom vilom pranayama on higher central nervous system functions of nursing students.
2.	Dr. Beena	Dr. Deepika	To study sleep disturbances, quality of life and cognition in frontline healthcare workers during COVID-19 epidemic.
3.	Dr. Anupama	Dr. Prateek	To study brainstem auditory evoked potentials in type I and type II diabetes mellitus: A comparative study.
4.	Dr. Geetanjali	Dr. Dinesh	To study visual evoked potentials and optical coherence tomography in adult patients of iron deficiency anemia.
2021-2024			
1.	Dr. Jyoti Yadav	Dr. Bhumiya	To study peripheral neuropathy and its correlation with Child Turcott-Pugh score in liver cirrhosis.
2.	Dr. Kiran	Dr. Bhavy	To study effects of smartphone addiction on nerve conduction velocity, mental health and obesity in adults.
3.	Dr. Dipti	Dr. Sana Ahsan	Evaluation of neuropsychological symptoms in subjects who had COVID-19 illness in past.

Editor of Journal: 1. Dr. Geetanjali is editor of International Journal of Physiology.

Chapters in Books Published: 1. Dr. Geetanjali author of chapter no. 12 titled "Relevance of brainstem & visual evoked potential in diagnosis of central demyelination in GullainBarre syndrome" in e-book titled "Emerging Research in Medical Sciences" vol. 2 edited by Dr. Ramesh K Gurunathan in 2019.

Books (Published/Edited): 1. Dr. Mridul Yadav Co-author of book titled " Fundamentals of Medical Physiology". Elsevier 2018. ISBN-9788131254097.

- Enclosed UG teaching roster PDF
- Enclosed PG teaching roster PDF



10/8/22
Dr. Professor & Head Physiology
Pt. B.D. Sharma P.G.I.M.S
ROHTAK

DEPARTMENT OF PHYSIOLOGY PT.B.D.S.PGIMS ROHTAK.

Teaching schedule for MBBS 1st prof. (Admn. 2021) & detained students. All the students & staff members to follow strictly COVID-19 guidelines.

Date	(8-10am) SGT/ Tutorial/ Integ.teaching/Pract	-Tuesday, Wednesday, Thursday Lecture 11-12pm	(12-2pm) SGT/ Tutorial/ Integ.teaching/ Pract	3-5 pm Lecture/ Practical Venue- LT 5
4.7.22	B1- Correlation of ECG, Jugular venous pressure (JVP), Carotid Artery Pulse, Heart Sounds-Dr. Deepika		A2- Correlation of ECG, Jugular venous pressure (JVP), Carotid Artery Pulse, Heart Sounds-Dr. Kavita	Understand the role of mentoring. Demonstrate understanding of process of group learning and group dynamics. Understand collaborative learning. Comprehend learning pedagogy & its role in learning skills.- Dr. Aarti
5.7.22	A1- Reaction time-Dr. Dinesh	<u>11-12 pm</u> -Lecture 3 rd - PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus-Dr. Geetanjali	B2- Reaction time- Dr. Prateek,	
6.7.22	B1- EEG-Dr. Prateek	<u>11-12 pm</u> - Lecture 4 th - PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus-Dr. Geetanjali	A2- EEG- Dr. Deepika	
7.7.22	A1-Higher functions- Miss Sakshi	<u>11-12 pm</u> -Lecture 5 th - PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus-Dr. Geetanjali	B2- Higher functions- Dr. Dinesh	
8.7.22		<u>ECE (11-2 pm) (MM=10)</u> <u>ECE Topic-Cerebellar disorders</u> , Formative assessment (MM=10)-All PG & Demonstrators, Incharge-Dr. Geetanjali		
9.7.22	A1-Cranial nerves-Dr. Kavita A2- Normal semen sample analysis-Dr. Prateek B1- Normal semen sample analysis- Dr. Deepika B2- Cranial nerves-Dr. Dinesh			<u>3-4pm</u> -Lecture 6 th - PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus-Dr. Geetanjali <u>4-5pm-Topic Reproductive system</u> -Lecture 1 st -PY9.1 Describe & discuss sex determination ; sex differentiation & their abnormalities & outline psychiatry and practical implication of sex determination (HI with Human Anatomy)-Dr. Anupama

Week incharge-Dr. Shelja


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Date	(8-10am) SGT/ Tutorial/ Integ.teaching/Pract	-Tuesday, Wednesday, Thursday Friday Lecture 11-12pm ,	(12-2pm) SGT/ Tutorial/ Integ.teaching/ Pract	3-5 pm Lecture/ Practical Venue- LT 5
11.7.22	B1- Pregnancy tests- Dr. Kavita		A2- Pregnancy tests- Dr. Deepika	3-4pm-Lecture 2 nd -PY9.2 Describe & discuss puberty : Onset, progression, stages ; early & delayed puberty & outline adolescent clinical and psychological association- Dr. Anupama 4-5pm-Lecture 7 th -PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland , thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus-Dr. Geetanjali
12.7.22	A1- Correlation of ECG, Jugular venous pressure (JVP), Carotid Artery Pulse, Heart Sounds- Miss Sakshi	11-12 pm- Lecture 8 th -PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland , thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus- Dr. Geetanjali	B2- Correlation of ECG, Jugular venous pressure (JVP), Carotid Artery Pulse, Heart Sounds- Dr. Ashu	
13.7.22	B1- Hematology Practicals Revision & File checking- Dr. Sana, Dr. Bhumija	11-12 pm- Lecture 9 th -PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland , thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus- Dr. Geetanjali	A2- Hematology Practicals Revision & File checking- Dr. Prateek, Dr. Bhavy	
14.7.22	A1- Hematology Practicals Revision & File checking - Dr. Deepika	11-12 pm-Lecture 10 th - PY8.3 Describe physiology of thymus & pineal gland, PY8.4 Describe function tests-Thyroid gland, Adrenal cortex, Adrenal medulla & pancreas (Hl with Biochem.)- Dr. Geetanjali	B2- Hematology Practicals Revision & File checking - Dr. Kavita	
15.7.22		<u>ECE (11-2 pm) (MM=10)</u> <u>ECE Topic -Type II Diabetes mellitus</u> -Formative assessment(MM=10)-All PG & Demonstrators, Incharge- Dr. Anupama		
16.7.22	A1- EEG- Miss Sakshi B2- EEG- Dr. Kavita A2-Basic life support - Dr. Ashu B1- Do-Dr. Deepika			3-4pm-Lecture 11 th -PY8.5 Describe metabolic & endocrine consequences of obesity & metabolic syndrome, Stress response. Outline psychiatry component pertaining to metabolic syndrome. PY11.5 Describe & discuss physiological consequences of sedentary lifestyle-Dr. Geetanjali 4-5pm-Lecture 3 rd -PY9.3 Describe male reproductive system : functions of testis and control of spermatogenesis & factors modifying it & outline its association with psychiatric illness- Dr. Anupama

Week incharge-Dr. Mridul



10/8/22
Dr. Professor & Head Physiology

DEPARTMENT OF PHYSIOLOGY PT.B.D.S.PGIMS ROHTAK.

Teaching schedule for MBBS 1st prof. (Admn. 2021) & detained students. All the students & staff members to follow strictly COVID-19 guidelines.

Date	(8-10am) SGT/ Tutorial/ Integ.teaching/Pract	-Tuesday, Wednesday, Thursday Friday Lecture 11-12pm ,	(12-2pm) SGT/ Tutorial/ Integ.teaching/ Pract	3-5 pm Lecture/ Practical Venue- LT 5
18.7.22	B1- Hematology Practicals test (MM=25)- (<u>To assess students</u> -Dr. Anupama, Dr. Geetanjali, Dr. Mridul, Dr. Shelja) <u>Incharge</u> - Dr. Shelja <u>Duty</u> -All PG & Demonstrators		A2- Hematology Practicals test (MM=25)- (<u>To assess students</u> -Dr. Anupama, Dr. Geetanjali, Dr. Mridul, Dr. Shelja) <u>Incharge</u> - Dr. Mridul <u>Duty</u> -All PG & Demonstrators	<u>3-4pm</u> Lecture 4 th - PY9.4 Describe female reproductive system(a)functions of ovary & its control (b)menstrual cycle-hormonal, uterine & ovarian changes. PY9.5 Describe & discuss the physiological effects of sex hormones- Dr. Anupama <u>4-5pm</u> Lecture 12 th PY8.6 Describe & differentiate mechanism of action of steroid, protein & amine hormones- Dr. Geetanjali
19.7.22	A1- Hematology Practicals test (MM=25)- (<u>To assess students</u> -Dr. Anupama, Dr. Geetanjali, Dr. Mridul, Dr. Shelja) <u>Incharge</u> - Dr. Geetanjali <u>Duty</u> -All PG & Demonstrators	<u>11-12 pm</u> -Lecture 5 th - PY9.6 Enumerate contraceptive methods for male & female. Discuss their advantages & disadvantages(VI with Obstetrics & gynecology & Community medicine).PY9.7 Describe & discuss effects of removal of gonads on physiological functions- Dr. Anupama	B2- Hematology Practicals test (MM=25)- (<u>To assess students</u> -Dr. Anupama, Dr. Geetanjali, Dr. Mridul, Dr. Shelja) <u>Incharge</u> - Dr. Anupama <u>Duty</u> -All PG & Demonstrators	
20.7.22	B1- Human experiments Revision & file checking-Dr. Bhavy	<u>11-12 pm</u> - Lecture 6 th -PY9.8 Describe & discuss physiology of pregnancy, parturition & lactation & outline psychology & psychiatry disorders associated with it (VI with Obstetrics & gynecology)- Dr. Anupama	A2- Human experiments Revision & file checking- Dr. Bhumiya	
21.7.22	A1- Basic life support- Dr. Ashu	<u>11-12 pm</u> - Lecture 7 th -PY9.9 Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.PY9.10 Discuss physiological basis of various pregnancy tests (VI with Obstetrics & gynecology)-Dr. Anupama	B2- Normal semen sample analysis-Dr. Deepika	
22.7.22		<u>ECE (11-2 pm) (MM=10)</u> <u>ECE Topic –Myesthenia Gravis</u> - Formative assessment (MM=10)-All PG & Demonstrators, <u>Incharge</u> - Dr. Shelja		
23.7.22	<u>Whole class SDL Topics (8-10 am)</u> - Physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland , thyroid gland, adrenal gland, pancreas & hypothalamus-A1- Dr. Bhavy, A2- Dr. Sana, B1- Dr. Bhumiya, B2- Dr. Sakshi			<u>3-4 pm</u> - Lecture 1 st -PY7.1 Describe structure & function of kidney.PY7.2 Describe structure & functions of juxta glomerular apparatus & role of renin angiotensin system- Dr. Mridul <u>4-5pm</u> -Lecture 8 th -PY9.11 Discuss hormonal changes & their effects during perimenopause & menopause.PY9.12 Discuss common causes of infertility in couple & role of IVF in managing a case of infertility (VI Obs & Gyne)- Dr. Anupama

Week incharge-Dr. Geetanjali



10/8/22
Dr. Professor & Head Physiology.
P. D. Sharma P.G.I.M.S

DEPARTMENT OF PHYSIOLOGY PT.B.D.S.PGIMS ROHTAK.

Teaching schedule for MBBS 1st prof. (Admn. 2021) & detained students. All the students & staff members to follow strictly COVID-19 guidelines.

Date	(8-10am) SGT/ Tutorial/ Integ.teaching/Pract	-Tuesday, Wednesday, Thursday Friday Lecture 11-12pm,	(12-2pm) SGT/ Tutorial/ Integ.teaching/ Pract	3-5 pm Lecture/ Practical Venue- LT 5
25.7.22	B1-Human experiments revision & file checking- Dr. Kavita		A2- Human experiments revision & file checking- Dr. Prateek	<u>3-5pm-Seminar presentation topics:</u> 1.Hyperthyroidism (Roll no.826-837) 2. Actions of glucocorticoids (Roll no. 838-850)- <u>Whole class Seminar test on SDL topics (MM=10)</u> - Physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, adrenal gland, pancreas & hypothalamus. All PG & Demonstrators. Incharge-Dr. Geetanjali
26.7.22	A1- Normal semen sample analysis- Dr. Dinesh	<u>11-12 pm</u> -Lecture 2 nd -PY7.3 Describe mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion ; concentration & diluting mechanism- Dr. Mridul	B2- Basic life support- Miss Sakshi	
27.7.22	<u>B1-SDL Topics (8-10am)</u> - Functions of testis and control of spermatogenesis & factors modifying it & outline its association with psychiatric illness. Functions of ovary. Menstrual cycle-hormonal, uterine & ovarian changes. Physiological effects of sex hormones- Dr. Ashu	<u>11-12 pm</u> - Lecture 3 rd -PY7.3 Describe mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion, concentration & diluting mechanism- Dr. Mridul	<u>A2- SDL Topics (12-2pm)</u> - Functions of testis and control of spermatogenesis & factors modifying it & outline its association with psychiatric illness. Functions of ovary. Menstrual cycle-hormonal, uterine & ovarian changes. Physiological effects of sex hormones- Dr. Dinesh	
28.7.22	<u>A1- SDL Topics (8-10am)</u> - Topics--Do--Dr. Kavita	<u>11-12 pm</u> -Lecture 4 th - PY7.4 Describe & discuss the significance & implication of renal clearance- Dr. Mridul	<u>B2- SDL Topics (12-2pm)</u> - --- Topics --Do---Miss Sakshi	
29.7.22		<u>11-12 pm</u> -Lecture 5 th -PY7.5 Describe the renal regulation of fluid & electrolytes & acid base balance- Dr. Mridul	-----	
30.7.22	<u>Whole class SDL Topics (8-10am)</u> - Functions of juxta glomerular apparatus & role of renin angiotensin system. Mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion, concn. & diluting mechanism. A1-Dr. Kavita,A2-Miss Sakshi,B1-Dr. Ashu, B2-Dr. Bhavy			<u>3-5pm-Seminar presentation topics:</u> 1. Spermatogenesis (Roll no.851-863), 2. Menstrual cycle (Roll no. 864-875) - <u>Whole class Seminar test on SDL topics (MM=10)</u> - Functions of testis and control of spermatogenesis & factors modifying it & outline its association with psychiatric illness. Functions of ovary. Menstrual cycle-hormonal, uterine & ovarian changes. Physiological effects of sex hormones. All PG & Demonstrators. Incharge-Dr. Anupama

Week incharge-Dr. Anupama


Dr. Anupama, PGIMS, Rohtak
8/7/22

Teaching schedule for MBBS 1st prof. (Admn. 2021) & detained students. All the students & staff members to follow strictly COVID-19 guidelines.

DEPARTMENT OF PHYSIOLOGY PT.B.D.S.PGIMS ROHTAK.

Date	(8-10am) SGT/ Tutorial/ Integ.teaching/Pract	-Tuesday, Wednesday, Thursday Friday Lecture 11-12pm	(12-2pm) SGT/ Tutorial/ Integ. teaching / Pract	3-5 pm Lecture/ Practical Venue- LT 5
1.8.22	B1- Human experiments revision & File checking- Dr. Sana		A2- Human experiments revision & File checking- Dr. Bhumiya	3-5pm-Seminar presentation topics: 1. Juxta glomerular apparatus (Roll no.876-887), 2. Renin Angiotensin system (Roll no.888-900) -Whole class Seminar test on SDL topics (MM=10)- Functions of juxta glomerular apparatus & role of renin angiotensin system. Mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion, concentration & diluting mechanism.-All PG & Demonstrators. Incharge-Dr. Mridul
2.8.22	A1- Pregnancy tests-Dr.Kavita	11-12 pm- Lecture 6 th -PY7.5 Describe the renal regulation of fluid & electrolytes & acid base balance- Dr. Mridul	B2- Pregnancy tests- Miss Sakshi	
3.8.22	B1- Human experiments revision & File checking - Dr. Bhavy	11-12 pm- Lecture 7 th - PY7.6 Describe the innervations of urinary bladder, Physiology of micturition & its abnormalities, PY7.7 Describe artificial kidney, dialysis & renal transplantation (VI with General Med.)- Dr. Mridul	A2- Human experiments revision & File checking – Dr. Dinesh	
4.8.22	A1-PY 5.12 Certification of Record blood pressure & pulse at rest- Dr. Ashu	11-12 pm- Lecture 8 th PY7.8 Describe & discuss renal function tests (HI with Biochemistry)- Dr. Mridul	B2- PY 5.12 Certification of Record blood pressure & pulse at rest-Dr. Deepika	
5.8.22		ECE (11-2 pm) (MM=10) ECE Topic –Jaundice -Formative assessment (MM=10)-All PG & Demonstrators, Incharge- Dr. Jyoti Yadav		
6.8.22	Whole class SDL Topics (8-10 am)- Somatic sensations & sensory tracts , motor tracts, mechanism of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus-A1- Dr. Bhavy, A2- Dr. Sana, B1- Dr. Bhumiya, B2- Dr. Sakshi			3-4pm- Lecture 9 th -PY7.9 Describe cystometry & discuss the normal cystometrogram - Dr. Mridul 4-5pm-25th Lecture-PY10.8 Describe & discuss behavioural & EEG characteristics during sleep & mechanism responsible for its production (VI with Psychiatry)-Dr. Kiran


Week incharge-Dr. Shelja

[Signature]
10/8/22
Dr. Professor & Head Physiology
PT. B. D. Sharma PGIMS
ROHTAK

DEPARTMENT OF PHYSIOLOGY PT.B.D.S.PGIMS, ROHTAK.

PG teaching roster for the month of July 2022.

Date	Seminar Topics	Presenter	Teacher
8.7.22	Erythropoiesis	Dr. Sana	Dr. Shelja
15.7.22	Anemia	Dr. Bhumija	Dr. Mridul
22.7.22	Cell mediated immunity	Dr. Bhavy	Dr. Geetanjali
29.7.22	Journal club	Dr. Ashu	Dr. Anupama


10/8/22
Sr. Prof. & Head
Dept. of Physiology
Pt.B.D.S.PGIMS, Rohtak.