

DEPARTMENT OF PHARMACOLOGY - PRACTICALS

No.	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/K/H/S/H/P	Core (Y/N)	Objectives	Date	Time	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical Integration	Horizontal Integration
					Introduction to Pharmacology practicals	1.10.20 - B batch 2.10.20 - C batch						
PH2.1	Demonstrate understanding of the use of various dosage forms (oral/local/parenteral; solid/liquid)	S/C	SH	Y	1.Demonstrate understanding of the use of oral dosage forms 2.Demonstrate understanding of the use of local dosage forms 3.Demonstrate understanding of the use of parenteral dosage forms 4.Demonstrate understanding of the use of solid dosage forms 5.Demonstrate understanding of the use of liquid dosage forms	7.10.20 - A batch 8.10.20 - B batch 9.10.20 - C batch	2.30 - 4.30PM	DOAP sessions	Skills assessment			

PH2.2	Prepare oral rehydration solution from ORS packet and explain its use	S/C	SH	Y	1.Prepare oral rehydration solution from ORS packet 2.Explain the use of oral rehydration solution	14.10.20 - A 15.10.20 - B 16.10.20 - C	2.30 - 4.30PM	DOAP sessions	Skills assessment			
PH2.3	Demonstrate the appropriate setting up of an intravenous drip in a simulated environment	S/C	SH	Y	Demonstrate the appropriate setting up of an intravenous drip in a simulated environment	21.10.20 - A 22.10.20 - B 23.10.20 - C	2.30 - 4.30PM	DOAP sessions	Skills assessment			
PH2.4	Demonstrate the correct method of calculation of drug dosage in patients including those used in special situations	S/C	SH	Y	1.Demonstrate the correct method of calculation of drug dosage in patients 2.Demonstrate the correct method of calculation of drug dosage in patients in special situations	28.10.20 - A 29.10.20 - B 30.10.20 - C	2.30 - 4.30PM	DOAP sessions	Skills assessment		Pediatrics, General Medicine	

PH3.1	Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient	S/C	P	Y	1. Write a rational, correct and legible generic prescription for a given condition 2. Communicate to the patient regarding instructions for taking prescribed drugs	4.11.20 - A 5.11.20 - B 6.11.20 - C	2.30 - 4.30PM	skill station	skill station	5	General Medicine	
PH3.2	Perform and interpret a critical appraisal (audit) of a given prescription	S/C	P	Y	Perform and interpret a critical appraisal (audit) of a given prescription	11.11.20 - A 12.11.20 - B 13.11.20 - C	2.30 - 4.30PM	skill Lab	Maintenance of log book	3		
PH3.3	Perform a critical evaluation of the drug	S/C	P	Y	1. Perform a critical evaluation of the drug promotional literature	18.11.20 - A 19.11.20 - B 20.11.20 - C	2.30 - 4.30PM	skill Lab	Maintenance of log book/	3	General Medicine	
PH3.4	To recognise and report an adverse drug	S/C	SH	Y	1. To recognise an adverse drug reaction 2. To report an adverse drug reaction	25.11.20 - A 26.11.20 - B 27.11.20 - C	2.30 - 4.30PM	skill station	Maintenance of log book/ Skill			

PH3.5	To prepare and explain a list of P-drugs for a given case/condition	S/C	P	Y	1.To prepare list of P-drugs for a given case/condition	2.12.20 - A 3.12.20 - B 4.12.20 - C	2.30 - 4.30PM	skill station	Maintenance of log book	3	General Medicine	
					2. Explain a list of P-drugs for a given case/condition	9.12.20 - A 10.12.20 - B 11.12.20 - C	2.30 - 4.30PM					
PH3.6	Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs	S/C	SH	N	1.Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs	16.12.20 - A 17.12.20 - B 18.12.20 - C	2.30 - 4.30PM	skill station	Maintenance of log book			
PH3.7	Prepare a list of essential	S/C	SH	Y	1.Prepare a list of essential medicines for a healthcare facility	23.12.20 - A 24.12.20 - B 25.12.20 - C	2.30 - 4.30PM	skill station	Maintenance of log			
PH3.8	Communicate	C/A	SH	Y	1.Communicate effectively with a patient on the proper use of prescribed	30.12.20 - A 31.12.20 - B 1.1.21	2.30 - 4.30PM	skill station	skill station			
PH4.1	Administer drugs through various routes in a simulated	S/C	SH	Y	Administer drugs through oral and local routes in a simulated environment using <u>mannequins</u>	6.1.21 - A 7.1.21 - B 8.1.21 - C	2.30 - 4.30PM	DOAP sessions	Skill assessment			
					Administer drugs through parenteral routes in a simulated environment using mannequins	13.1.21 - A 14.1.21 - B 15.1.21 - C						

PH4.2	Demonstrate the effects of drugs on blood pressure (vasopressor and vasodepressors with appropriate blockers) using computer	S/C	SH	Y	1.Demonstrate the effects of vasopressor drugs with appropriate blockers on blood pressure using computer aided learning	20.1.21 - A 21.1.21 - B 22.1.21 - C	2.30 - 4.30PM	skill Lab	skill station			
					2.Demonstrate the effects of vasodepressor drugs with appropriate blockers on blood pressure using computer aided learning	27.1.21 - A 28.1.21 - B 29.1.21 - C						
PH5.1	Communicate with the patient with empathy and ethics on all aspects of drug use	A/C	SH	Y	Communicate with the patient with empathy and ethics on all aspects of drug use	3.2.21 - A 4.2.21 - B 5.2.21 - C	2.30 - 4.30PM	Small group discussion	skill station			General Medicine
PH5.2	Communicate with the patient regarding optimal use of a) drug therapy, b) devices and c) storage of	A/C	SH	Y	1.Communicate with the patient regarding optimal use of drug therapy	10.2.21 - A 11.2.21 - B 12.2.21 - C	2.30 - 4.30PM	Small group discussion	skill station			
					2. Communicate with the patient regarding optimal use of devices 3.Communicate with the patient regarding optimal use of storage of	17.2.21 - A 18.2.21 - B 19.2.21 - C						

PH5.3	Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider	A/C	SH	Y	Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider	24.2.21 - A 25.2.21 - B 26.2.21 - C	2.30 - 4.30PM	Small group discussion	short notes /skill station			
					Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider	3.3.21 - A 4.3.21 - B 5.3.21 - C						
PH5.4	Explain to the patient the relationship between cost of treatment and patient compliance	A/C	SH	Y	Explain to the patient the relationship between cost of treatment and patient compliance	10.3.21 - A 11.3.21 - B 12.3.21 - C	2.30 - 4.30PM	Small group discussion	short notes/ viva		General Medic	
PH5.5	Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and	K	KH	Y	1.Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence	17.3.21 - A 18.3.21 - B 19.3.21 - C	2.30 - 4.30PM	Small group discussion	short notes/ viva voce		Psychiatry	
					2.Recommend the line of management for drug dependence	24.3.21 - A 25.3.21 - B 26.3.21 - C						
PH5.6	Demonstrate ability to educate public & patients about various aspects of drug use including	A/C	SH	Y	1. Demonstrate ability to educate public & patients about various aspects of drug use 2.Demonstrate ability to educate public & patients about drug dependence 3.Demonstrate ability to educate public & patients about OTC drugs	31.3.21 - A 1.4.21 - B 2.4.21 - C	2.30 - 4.30PM	Small group discussion	skill station		Psychiatry	

	drug dependence and OTC drugs				1. Demonstrate ability to educate public & patients about various aspects of drug use 2. Demonstrate ability to educate public & patients about drug dependence 3. Demonstrate ability to educate public & patients about OTC drugs	7.4.21 - A 8.4.21 - B 9.4.21 - C					
PH5.7	Demonstrate an understanding of the legal and ethical	K	KH	Y	1. Demonstrate an understanding of the legal 2. Demonstrate an understanding of the ethical aspects of prescribing drugs	14.4.21 - A 15.4.21 - B 16.4.21 - C	2.30 - 4.30PM	Small group discussion	short notes/ viva voce		Forensic Medicine