

Hamdard Institute of Medical Sciences and Research
DEPARTMENT OF PHARMACOLOGY
Elective Posting

1	Name of Block	Block 1
2	Name of the Elective	“Prescription Audit”
3	Location of research facility	Department of Pharmacology
4	Name of the Internal Preceptor(s)	Dr Nusrat Nabi, Associate Professor, Department of Pharmacology Prof. Tanveer Ahmad Khan, Professor, Department of Pharmacology
5	Name of the External Preceptor(s)	Nil
6	Objectives	Primary objective: - To guide undergraduate students to attain competence in conducting prescription audits, using the WHO “<i>Core Prescribing Indicators</i>”, “<i>Antibiotic Review Form</i>” and “<i>Medication Error Checklist</i>”. Secondary objectives: - To evaluate adherence to good prescribing practices. - To assess the rationality of drugs prescribed. - To detect medication errors (ME) and their reasons. - To detect the irrational use of antibiotics. - To assess compliance with national standard treatment guidelines.
7	No. of students’ intake	05 (five)
8	Prerequisite for the elective	1. Knowledge of basic elements of prescription audit 2. Personal laptop
9	Learning resources for students	•
10	List of activities to be undertaken	1. Selection of research topic 2. Selection of sample/ Departments for auditing 3. Selection of audit tools 4. Drafting research proforma

		5. Drafting master chart 6. Drafting dummy tables 7. Planning data analysis and presentation
11	Portfolio entries required	1. Research protocol 2. Logbook 3. Master chart
12	Logbook entry required	Yes
13	Assessment (Total 50 marks)	1. Multiple choice question (MCQ) exam. (10 marks) 2. Number of prescriptions and departments reached. (10 marks) 3. Quality of audit and interaction with the prescribers. (10 marks) 4. Presentation of audit results. (10 marks) 5. Attendance and Logbook. (10 marks)
14	Logbook format	1. Student information 2. Elective Background 3. Certificate of completion 4. Elective Activity/ Assignment record & remarks 5. Attendance 6. Audit Summary 7. Audit Assessment 8. Prescription audit proforma 9. Audit Tools Used

Electives

1	Name of the Electives	Materiovigilance
2	Block	I
3	Department /Area	Pharmacology
4	Name of the Mentor/ Supervisor/ Incharge	Dr. Sana Rehman, Associate Professor, Department of Pharmacology
5	Co Supervisor/s	Dr. Tanveer Ahmad Khan
6	No. of students' intake	05
7	Method of selection (if applicable)	Interview to assess their interest and basic knowledge about Materiovigilance
8	Objectives	At the end of Elective, students will

		1. Have knowledge of Materiovigilance program of India 2. Be able to describe functioning of Materiovigilance in India 3. Observe and collect the Medical Device related Adverse Events (MDAEs) data in patients visiting HAHC Hospital, as per the norms of Materiovigilance Program of India. 4. Able to capture and record suspected medical device adverse events like death or serious deterioration in state of health, serious injuries and disability. 5. develop the technical expertise to identify, describe and interpret new signal from the reported cases both via active as well as passive surveillance 6. Be able to enter the MDAE data into ADMRS software (in supervision). 7. Able to generate evidence-based information on safety of medical devices 8. collate and analyse the collected MDAE data at the Medical Device related adverse event Monitoring Centre (MDMC), Department of Pharmacology, HIMSR, New Delhi
8	Expected outcomes	The student should be able to • Identify and analyze the suspected MDAEs. • Should be able to upload the data on ADRMS after successfully completing all the information required thereby contributing to patient safety. • Have knowledge of materiovigilance and its importance in patient safety. • Know about ADMRS of IPC how to use it. • Take independent visits to OPDs/IPDs to collect MDAE data.

		Collate, analyze and interpret the MDAE data generated, thereby establishing the causality assessment to generate a signal.
9	Assessment	Theory paper Viva and logbook Day today interaction, assignments and attendance
10	Log book	Regular logbook entry of the daily activities