



Hamdard Institute of Medical Sciences and Research
DEPARTMENT OF PHARMACOLOGY

Elective Posting- No. 1

1	Name of Block	Block I
2	Name of the Elective	"Antimicrobial Review & Compliance to Hospital Antibiotic Policy"
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 review the antibacterial prescriptions for their rationality and adherence to HAHCH Antibiotic Policy Secondary objectives: - To evaluate the rationality of antibiotic dosing schedule. - To assess the action taken on 24 hr antibiotic review and its documentation. - To assess the use of microbiological/ lab results in antibiotic review and its documentation
7	No. of students' intake	05
8	Prerequisite for the elective	1. Knowledge of basic elements of antimicrobial stewardship 2. Personal laptop
9	Learning resources for students	- HAHCH antibiotic policy - HAHCH antibiotic review form (based on WHO toolkit)
10	List of activities to be undertaken	- Selection of research topic - Selection of sample/ Departments for auditing - Selection of audit tools - Drafting research proforma - Drafting master chart - 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. Audit proforma 9. Audit Tools Used



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Elective Posting - 2

S. No.	Particulars	Details
1	Name of Block	Block 1
2	Name of the Elective	Good Prescription Practices: Prescription Audit for Rational Use of Medicines
3	Location of Research Facility	Department of Pharmacology, HIMSIR
4	Name of the Mentor/ Supervisor/ Incharge	Dr. Sana Rehman, Associate Professor, Department of Pharmacology
5	Co Supervisor/s	Dr. Riyanka Rajalwal, Senior Resident, Department of Pharmacology
6	Objectives	Primary Objective: • To train undergraduate students in evaluating prescription quality and prescribing practices using WHO Core Prescribing Indicators, NABH Key Performance Indicators (Medication Management), and NHM Prescription Analysis Guidelines across major clinical departments of HIMSIR. Secondary Objectives: • To evaluate trends and rationality of prescribing practices. • To assess prescription completeness and adherence to good prescribing practices. • To evaluate Drug-Drug Interactions (DDIs). • To assess the rationality of Fixed Dose Combinations (FDCs). • To identify medication errors and recommend corrective measures for improving prescription quality.
7	No. of Students Intake	05 (Five)
8	Prerequisites for the Elective	1. Basic knowledge of Pharmacology and Rational Prescribing. 2. Knowledge of prescription writing. 3. Personal laptop with MS Excel.
9	Learning Resources for Students	WHO Guide to Good Prescribing, WHO Core Prescribing Indicators Manual, NABH Standards, NHM Prescription Analysis Guidelines, National List of Essential Medicines (NLEM), Standard Treatment Guidelines (STGs), Hospital Formulary, Lexicomp/Medscape Drug Interaction Checker.
10	List of Activities to be Undertaken	1. Orientation to Good Prescription Practices. 2. Selection of departments and prescriptions for audit. 3. Preparation of prescription audit proforma. 4. Data collection from OPD/IPD prescriptions.

S. No.	Particulars	Details
		5. Assessment using WHO Core Prescribing Indicators. 6. Evaluation using NABH KPIs. 7. Assessment using NHM Prescription Analysis Guidelines. 8. Evaluation of Drug-Drug Interactions. 9. Evaluation of Fixed Dose Combinations (FDCs). 10. Detection of medication errors and polypharmacy. 11. Data entry in master chart and preparation of dummy tables. 12. Data analysis and interpretation. 13. Preparation and presentation of departmental audit report.
11	Portfolio Entries Required	Logbook Prescription audit proforma. Master chart
12	Logbook Entry Required	Yes
13	Assessment (Total 50 Marks)	1. MCQ Examination – 10 Marks. 2. Prescription Audit Skills – 10 Marks. 3. Data Analysis & Interpretation – 10 Marks 4. Presentation & Viva – 10 Marks. 5. Attendance, Logbook & Professionalism – 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



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