Hamdard Institute of Medical Sciences and Research
Medical Education Unit

Electives

1	Name of the Electives	Materiovigilance
2	Block	I
3	Department /Area	Pharmacology
4	Name of the Mentor/ Supervisor/ Incharge	Dr. Sana Rehman, Assistant Professor, Department of Pharmacology
5	Co Supervisor/s	Dr. Shreshth Khanna
6	No. of students' intake	10
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