

SEMESTER II
LSM3221 – HUMAN PHARMACOLOGY

Prerequisite: LSM3211

Workload: 26 lecture hours + 6 tutorial hours + 18 practical hours

This module introduces the pharmacological treatment of human disease. We will look at actions of drugs on major organ systems in the human body. Examples of drugs used to treat diseases and disorders of the cardiovascular, endocrine and nervous systems and chemotherapeutic agents will be discussed.

S/N	Topics	Lecture hours
1	Drugs Affecting the Cardiovascular System Vasodilators Diuretics Lipid Lowering Drugs	6 BJ
2	Drugs Affecting the Endocrine Systems Pancreatic Hormones: Glucagon and Insulin Oral Antidiabetic Drugs Thyroid Hormones and Disorders Sex Hormones and Contraceptives	5 BJ (Guest lecturer: SMK)
3	Drugs Affecting the Nervous System General Anaesthetics Local Anaesthetics Antidepressant Drugs Antipsychotic Drugs Drugs Used in Parkinson's Disease Drugs Used in Alzheimer's Disease	9 GD
4	Chemotherapeutic Agents Principles of Chemotherapy for Cancer Conventional Anti-Cancer Drugs Antivirals Antibiotics	4 GS (Guest lecturer: BT)
5	Adverse Drug Reaction and Drug Interactions Adverse Drug Reactions Drug Interactions	2 (Guest lecturer: TCH)
Lectures:		26h
Tutorials:		6h
Practicals:		18h
Total hours		50h

TEXTBOOK: Pharmacology by H.P. Rang, M.M. Dale, J.M. Ritter, and R.J. Flower

MODE OF ASSESSMENT: MCQs/Short Essay/Short-Answer Questions (50% CAs, 50% Final Exam)

MODULE CO-ORDINATOR:

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