

MODULE DESCRIPTOR

Module Title

Therapeutics

Reference	PLM011	Version	1
Created	August 2022	SCQF Level	SCQF 11
Approved	January 2023	SCQF Points	30
Amended	August 2021	ECTS Points	15

Aims of Module

To develop professional competence in therapeutic areas with emphasis on rational prescribing.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Demonstrate breadth and depth of knowledge of pathophysiology, clinical pharmacology and evidence based therapeutics.
- 2 Critically evaluate a variety of data to aid drug selection and monitoring for individual patients.
- 3 Systematically utilise evidence to critically evaluate patient data to solve therapeutic problems and synthesise a therapeutic plan.

Indicative Module Content

Disease characteristics: epidemiology, aetiology, pathophysiology, clinical manifestations, signs/symptoms, abnormal results. Use of patient data including physical examination, physiological, biochemical and haematological parameters, to select, optimise and monitor drug therapy for conditions. Therapeutic topics include: cardiovascular, endocrinology, respiratory, musculoskeletal, infections, oncology, haematology, psychiatry, neurological conditions, gastrointestinal diseases. Drugs for the diseases: clinical pharmacology, pharmacokinetics. Therapeutic planning: evidence based approach to drug selection, monitoring: effectiveness and toxicity, counselling. Factors influencing prescribing and selection of therapy including patients' characteristics and drug factors, aspects of pharmacokinetics and pharmacodynamics. Management options including non-drug treatment.

Module Delivery

Online delivery; self-directed learning supported by web-based learning materials, peer to peer learning, participation in synchronous and asynchronous webinars and discussion fora.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	N/A	10
Non-Contact Hours	N/A	290
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	N/A	300
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3
Description:	A 2500 word care plan with critical comment.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 (care plan with critical comment) comprises 100% of the module grade. A minimum of module Grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None in addition to course entry requirements.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 PENMAN, I. et al., 2022. *Davidson's Principles and Practice of Medicine*. 24th edition. London: Churchill Livingstone.
- 2 JOINT FORMULARY COMMITTEE, 2022. *British National Formulary*. 84th edition. London: BMJ Publishing Group.