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MODULE DESCRIPTOR

Module Title

Clinical Pharmacology and Therapeutics 2

Reference	PH4131	Version	4
Created	May 2019	SCQF Level	SCQF 10
Approved	March 2013	SCQF Points	45
Amended	August 2019	ECTS Points	22.5

Aims of Module

To integrate scientific principles and clinical skills to evidence-based therapeutics relating to specific body systems including the application of pharmacokinetic principles.

Learning Outcomes for Module

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

- 1 Critically evaluate the pathophysiology, pharmacology and evidence-based therapeutics of commonly occurring disease states.
- 2 Analyse patient information to identify pharmacological and therapeutic issues.
- 3 Synthesise therapeutic strategies in relation to a range of diseases.
- 4 Manipulate, interpret and apply pharmacological and pharmacokinetic data in varying clinical situations.
- 5 Integrate and apply practical clinical skills to patients' clinical needs.

Indicative Module Content

Integration of the scientific principles and clinical skills required of a pharmacist to develop evidence-based therapeutic plans for individual patients in the context of specific disease states including: infectious diseases; malignant disorders; musculo-skeletal diseases; cardiovascular system; gastrointestinal system, respiratory system; pain; immune system; haematology and therapeutic drug monitoring; clinical skills including communication, consultation, data gathering from case notes, physical assessment.

Module Delivery

Lectures, coursework sessions (that include individual problem solving exercises and group based problem-based learning, tutorial sessions) and directed study (that include computer packages, directed reading and self-assessment exercises).

Indicative Student Workload	Full Time	Part Time
Contact Hours	98	N/A
Non-Contact Hours	352	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	450	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

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

Component 1

Type:	Practical Exam	Weighting:	50%	Outcomes Assessed:	4, 5
Description:	A practical exam on evidence-based therapeutics and case study material.				

Component 2

Type:	Examination	Weighting:	50%	Outcomes Assessed:	1, 2, 3
Description:	A problem based learning written assessment assessing the therapeutic detail of the problem based learning case studies.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

To pass this module, the student MUST achieve a module Grade of Grade D or better and a minimum mark of 40% in C1 and C2.

Module Grade	Minimum Requirements to achieve Module Grade:
A	When 50% of the mark for C1 added to 50% of the mark for C2 is 70% or more.
B	When 50% of the mark for C1 added to 50% of the mark for C2 is 60-69%.
C	When 50% of the mark for C1 added to 50% of the mark for C2 is 50-59%.
D	When 50% of the mark for C1 added to 50% of the mark for C2 is 40-49%.
E	When 50% of the mark for C1 added to 50% of the mark for C2 is 35% or more but less than 40% in C1 and/or C2.
F	When 50% of the mark for C1 added to 50% of the mark for C2 is less than 35%.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of MPharm stage 2.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 BLENKINSOPP A., PAXTON P. Symptoms in the Pharmacy. Current edition. Oxford: Blackwell Science.
- 2 RANG H.P., DALE M.M., RITTER J.M., FLOWER R.J., HENDERSON G. Pharmacology. Current edition. Edinburgh: Churchill Livingstone.
- 3 TORTORA, G.J., DERRICKSON, B.H. Principles of Anatomy and Physiology. Current edition. New York: J Wiley and Sons.
- 4 WALKER R., WHITTLESEA C. Clinical Pharmacy and Therapeutics. Current edition. Edinburgh: Churchill Livingstone.