

## MODULE DESCRIPTOR

### Module Title

Patient Centred Clinical Pharmacy Practice

Reference	PHM101	Version	4
Created	June 2018	SCQF Level	SCQF 11
Approved	November 2014	SCQF Points	30
Amended	August 2021	ECTS Points	15

### Aims of Module

To develop the knowledge and skills required for the systematic synthesis, implementation, evaluation and communication of care plans for patients and groups of patients with complex pharmaceutical care needs.

### Learning Outcomes for Module

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

- 1 Critically appraise a wide variety of sources of information, including medical history, physical examination, physiological monitoring to aid the development of care plans for patients and groups of patients with complex needs.
- 2 Systematically apply an understanding of pathophysiology, pharmacology, therapeutics and drug delivery into pharmaceutical care plans for patients and groups of patients with complex pharmaceutical care needs.
- 3 Use evidence to critically evaluate patient data to solve therapeutic problems resulting in a therapeutic plan that includes the selection, monitoring and counselling of drug therapy for patients and groups of patients with complex pharmaceutical care needs.
- 4 Produce and justify complex care plans that arise from a critical and balanced consideration of evidence base, professional judgement and ethical dilemmas.
- 5 Communicate effectively with patients, carers and within the healthcare team to provide a co-ordinated approach to care.

### 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. Drugs for the diseases: clinical pharmacology, pharmacokinetics Therapeutic planning: evidence based approach to drug selection, monitoring: effectiveness (disease and drugs), toxicity (drugs), counselling. Factors influencing prescribing and selection of therapy decisions including patients characteristics (elderly, young, pregnant and breast feeding mothers, ethnic origin and co-morbidities), and drug factors (adverse drug reactions, drug interactions), aspects of pharmacokinetics and pharmacodynamics. Management options including non-drug treatment. There will be significant emphasis on the use of evidence to critically evaluate complex patient data to devise the therapeutic plan and the implementation of this plan through communication and liaison with patients and other healthcare professionals. Medication review in patients with multiple pathology and multiple drugs, identification, categorisation and documentation of care issues and actions. Relevant sources, utilisation and limitations of medicines and patient information. Documentation of medical records.

### Module Delivery

Case-based learning, student led seminars, tutorials, practical sessions, on-line resources, professional practice placements, clinical visits.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	80	N/A
Non-Contact Hours	220	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
<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, 4, 5
Description:	Oral defence of patient care plans.				

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

This module is assessed using one component of assessment which comprises 100% of the module grade. To pass this module, a grade D or better is required.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	A in Component 1
<b>B</b>	B in Component 1
<b>C</b>	C in Component 1
<b>D</b>	D in Component 1
<b>E</b>	D in Component 1
<b>F</b>	F in Component 1
<b>NS</b>	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 BRITISH MEDICAL ASSOCIATION and ROYAL PHARMACEUTICAL SOCIETY OF GREAT BRITAIN. British National Formulary. Current edition. London: BMJ Publishing Group.
- 2 LONGMORE, J., 2017. Oxford Handbook of Clinical Medicine. 10th Ed. Oxford: Oxford University Press.
- 3 DOUGLAS, G., NICOL, F., ROBERTSON, C., eds., 2013. Macleod's Clinical Examination. 13th Ed. Edinburgh: Elsevier Churchill Livingstone.
- 4 ROYAL PHARMACEUTICAL SOCIETY, 2012. Professional Standards for Hospital Pharmacy Services. London: Royal Pharmaceutical Society.
- 5 ROYAL PHARMACEUTICAL SOCIETY, 2013. Royal Pharmaceutical Society Foundation Pharmacy Framework. London: Royal Pharmaceutical Society.