

Liverpool John Moores University

Title: CLINICAL PHARMACY AND THERAPEUTICS
Status: Definitive
Code: **6000PPPHAR** (113388)
Version Start Date: 01-08-2017

Owning School/Faculty: Pharmacy & Biomolecular Sciences
Teaching School/Faculty: Pharmacy & Biomolecular Sciences

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 12 **Total Delivered Hours:** 38
Total Learning Hours: 120 **Private Study:** 82

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Placement	9
Workshop	27

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS3	Examination: MCQ/Short answers problem solving from cases 2 hours	75	2
Portfolio	AS1	Portfolio consisting of clinical visits, quizzes and medicines information exercise	25	

Aims

Aims:

In this module previously acquired knowledge in SBT and PP modules will be utilised in a manner that will enable students to approach therapeutics with a critical, problem solving attitude. The application of a clinical approach in both community and hospital pharmacy will be encouraged. Development of a sound knowledge base will enable the student to respond to symptoms presented in the community pharmacy in a safe, rational, and professional manner. Particular emphasis will be placed on case studies and the role of the pharmacist in the management of illness. A component of this module will be a variety of hospital secondments that will allow students both to appreciate and to participate in discussions relating to choices in patient management in hospital.

Learning Outcomes

After completing the module the student should be able to:

- 1 review case studies systematically, including demonstrating understanding of the terminology used, the significance of pathological tests, and the multipathological nature of disease states
- 2 identify major medical/pharmaceutical problems in a case
- 3 interpret and prioritise problems within a case
- 4 suggest solutions to these problems and demonstrate an awareness of the factors affecting choice of drug therapy and means of delivery, including efficacy, cost, and safety factors
- 5 collate and summarise information on a given area of therapy, and present this to colleagues and other professionals
- 6 recognise how the application of pharmaceutical care can improve outcomes of therapy
- 7 evaluate typical symptom profiles commonly presented by patients in community pharmacy practice by the use of a structured approach, and thus be able to make judgements regarding the disease state, the need for referral, correct response to symptoms, and supply advice and/or appropriate non-prescription medicines. Relate this knowledge to the prescribing of P medicines by pharmacists in hospital.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Written examination	1	2	3	4	7		
Portfolio of exercises	1	2	3	4	5	6	7

Outline Syllabus

Concepts of clinical pharmacy, pharmaceutical care and problem identification and resolution.

The use and structure of medical notes and laboratory data.

Clinical problems in palliative care, respiratory medicine, cardiovascular medicine, depression, Parkinson's disease, geriatrics, diabetes, renal impairment and liver

*disease. The role of drug therapy and of pharmacy in these problems.
Responding to symptoms; use of a structured approach; when to refer.
Analysis and presentation of case studies relevant to both community and hospital patients.*

Learning Activities

Clinical case exercises, patient consultation exercises, drug information assignments, group consultation and discussion

Notes

Tutorials will be used to develop in students an ability to identify, prioritise, and solve clinical problems through case studies. By means of clinical visits, clinicians will demonstrate real life patient care processes. Emphasis will be placed on the role of the pharmacist in patient care. Knowledge gained from all previous modules will be applied to the patient care situation, and to the response to symptoms presented in a pharmacy. A problem-solving approach will be encouraged and use will be made of small group teaching and team working.