

Liverpool John Moores University

Title: CLINICAL PHARMACY - THERAPEUTICS 2
Status: Definitive
Code: **7023CPPHAR** (116077)
Version Start Date: 01-08-2011

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

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 15.00 **Total Delivered Hours:** 50.00

Total Learning Hours: 150 **Private Study:** 100

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	18.000
Workshop	30.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	MCQs and case studies	100.0	2.00

Aims

To enhance the underlying clinical knowledge of conditions involving respiratory and infections, gastro-intestinal and liver as well as surgery and critical care; and to apply this expertise to the appropriate therapeutic management of patients diagnosed with these disease states.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate their understanding of the aetiology and diagnosis of these disease states
- 2 Critically evaluate the current evidence regarding the appropriate treatment and management of these disease states
- 3 Apply their therapeutic knowledge to the critical analysis of patient treatment and management issues
- 4 Demonstrate their contribution to patient-centred care
- 5 Critically assess the clinical indicators of response and the adverse effects of drug therapy
- 6 Explain appropriately to patients and other healthcare professionals the underlying concepts of the current guidelines for the treatment and management of these disease states

Learning Outcomes of Assessments

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

EXAM	1	2	3	4	5	6
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Outline Syllabus

Respiratory and infection

Management of Asthma & COPD

Pharmacists' role in the management of patients with respiratory disorders

Advice on the use of inhaler devices and nebulisers

Appropriate empirical antimicrobial therapy in common infections

Microbial resistance and its aetiology

Pharmacokinetic principles in antimicrobial therapy

Management of HIV infection

Gastro-intestinal and Liver:

Pathophysiology and treatment of inflammatory bowel disease

NSAIDs and peptic ulceration

Liver function tests

Acute and chronic liver disease, its treatment and the role of the pharmacist

Surgery:

Terminology, investigations and procedures associated with surgery

Management of peri-operative period

Peri-operative nutrition

Fluid management in surgical patients

Post-operative pain management

Antibacterial prophylaxis

Critical Care

Variables & parameters to assess haemodynamic status

Factors affecting drug use on the ITU and pharmaceutical care plans
Haemofiltration
The delivery of IV drugs and fluids
Common infections associated with ITU
Pharmacokinetics in critical care

Learning Activities

Problem based workshops, lectures, student-directed learning

References

Course Material	Book
Author	Young LY and Koda-Kimble MA
Publishing Year	2009
Title	Applied Therapeutics: the Clinical use of Drugs
Subtitle	
Edition	9th
Publisher	Lippincott Williams & Wilkins
ISBN	9780443102851

Course Material	Book
Author	Walker R and Whittlesea C
Publishing Year	2007
Title	Clinical Pharmacy and Therapeutics
Subtitle	
Edition	4th
Publisher	Churchill Livingstone
ISBN	9780443102851

Notes

All therapeutics modules are linked to the clinical practice modules in the Postgraduate Clinical Pharmacy programmes, where the Group Module Leader ensures comparability between modules.