

## Liverpool John Moores University

Title: CLINICAL PHARMACY - THERAPEUTICS 3  
Status: Definitive  
Code: **7022CPPHAR** (116056)  
Version Start Date: 01-08-2011

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

Team	Leader
Steven Simpson	Y
Charles Morecroft	
Jennie Simpson	
Gareth Nickless	

**Academic Level:** FHEQ7      **Credit Value:** 15.00      **Total Delivered Hours:** 50.00  
**Total Learning Hours:** 150      **Private Study:** 100

### Delivery Options

Course typically offered: Semester 2

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 psychiatry, neurology, paediatrics and treating the elderly, 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
------	---	---	---	---	---	---

## Outline Syllabus

*Psychiatry and neurology:*

*Pathophysiology and mode of action of drugs in: epilepsy; Parkinson's Disease; schizophrenia; depression; dementia*

*Importance of diagnosis in epilepsy*

*Care needs of patients with psychiatric/neurological disorders*

*Rational prescribing of antipsychotics, new and older drugs*

*Paediatrics:*

*Terminology in paediatrics and differing specific pharmaceutical needs*

*Pharmacokinetics applied to paediatrics*

*Pharmaceutical care in choosing appropriate regimes for a child*

*Therapeutic areas covered by the paediatric speciality*

*Treatment of the elderly:*

*Review the treatment of elderly patients with co-existing medical conditions*

*Review the relevant pharmaceutical factors*

*Review the implications of pharmacokinetic, pharmacodynamic and sensitivity issues inherent in the patient group*

## Learning Activities

Problem based workshops, lectures, student-directed learning

## References

<b>Course Material</b>	Book
<b>Author</b>	Young LY and Koda-Kimble MA
<b>Publishing Year</b>	2009
<b>Title</b>	Applied Therapeutics: the Clinical use of Drugs
<b>Subtitle</b>	
<b>Edition</b>	9th
<b>Publisher</b>	Lippincott Williams & Wilkins
<b>ISBN</b>	0333658817

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