

Liverpool John Moores University

Title: PHARMACOLOGY FOR CHILDREN'S NURSES
Status: Definitive
Code: **5002BACHN** (100400)
Version Start Date: 01-08-2018

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Olivet Kewley	Y

Academic Level: FHEQ5
Credit Value: 24
Total Delivered Hours: 94
Total Learning Hours: 240
Private Study: 146

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	24
Online	66
Tutorial	1

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Portfolio of drugs collected whilst on clinical placements identifying use/side effects, licensing, modes of delivery and absorption	40	
Exam	AS2	Exam	60	3

Competency	Practice
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Aims

To underpin the students safe practice of medicine administration by developing an

understanding of the connection between patho physiology and the chemical make up of common paediatric drugs.

Learning Outcomes

After completing the module the student should be able to:

- 1 Examine and demonstrate understanding of the fundamental principles of pharmacodynamics and drug absorption in children.
- 2 Demonstrate the ability to correctly work out drug doses for children
- 3 Examine and evaluate the role of drug families in treating a variety of pathologies
- 4 Analyze the role of the nurse in assessing the efficacy and toxicity of medications
- 5 Evaluate current UK policy and law regarding children's medicine management
- 6 Demonstrates the underpinning values of the NMC Code of professional conduct: standards for conduct, performance and ethics

Learning Outcomes of Assessments

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

PORT	1	3	5		
EXAM	1	2	3	4	5
Practice		2			6

Outline Syllabus

*Basic pharmacological principles. Developmental pharmacology. Common drugs used in children. Routes of administration. Drugs and illness management. Drug administration. Side effects - toxicity/anaphylaxis. Blood transfusion compatibilities. Reporting ADR's NMC Code of Conduct/Medicine Act
Nurse prescribing-it's development. Infection control - aseptic technique- central line care.*

Learning Activities

Lectures. Blackboard. Practical sessions - examining incorrect prescriptions.
Mathematical calculations.
66hours clinical practice is included

Notes

This module is a theory practice module so Clinical Assessment Form must be submitted and passed to complete the module. It aims to enable the student to demonstrate proficiency and safety in working out complex drug doses for children within a legal and ethical framework.