

Module Details	
Module Title:	Transport 2 - Cardiovascular, Urinary and Respiratory Systems
Module Code:	PHA6008-C
Academic Year:	2019-20
Credit Rating:	30
School:	School of Pharmacy and Medical Sciences
Subject Area:	Pharmacy
FHEQ Level:	FHEQ Level 6
Pre-requisites:	Transport 1 - Cardiovascular, Urinary and Respiratory Systems 2018-19
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	10
Tutorials	30
Laboratory	14
Directed Study	246

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims
This module builds on Transport 1, and aims to provide you with the integrated knowledge and skills needed to: Understand the aetiology, epidemiology, natural history and clinical features of a range of common long-term conditions and minor ailments affecting the cardiovascular, urinary and respiratory systems; Evaluate the management options and formulate, implement and monitor an agreed management plan for a range of common long-term conditions and common minor ailments affecting the cardiovascular, urinary and respiratory systems; Educate patients and prescribers on the effective use, storage and disposal of medicines, how to avoid/manage the effects of adverse drug reactions and the safe and effective use of medicines in pregnancy; Implement strategies aimed at promoting health and preventing lifestyle-based

health problems; Process prescriptions for the treatment of multiple health problems/diseases (of the cardiovascular, urinary and respiratory systems managed by multiple medicines.

Outline Syllabus

Aetiology, epidemiology, natural history, clinical features, and management of a range of common long-term conditions and minor ailments affecting cardiovascular, urinary and respiratory systems. Educating patients and prescribers on the adverse effects of drugs on cardiovascular, urinary and respiratory systems. Educating patients and prescribers on the effective use, storage and disposal of medicines. Educating patients and prescribers on the safe and effective use of medicines in pregnancy. Promoting health and preventing lifestyle-based health problems. Processing complex prescriptions for the treatment of multiple diseases with multiple medicines. Pharmaceutical calculations

Learning Outcomes

1	Appraise the aetiology, epidemiology, natural history, clinical features, and management of a range of common long-term conditions, in order to recognise and/or recommend the optimal management option (including formulation/drug delivery), monitor outcomes, enhance adherence & recognise and resolve medication-related problems.
2	Appraise the aetiology, epidemiology, natural history, clinical features, competing diagnoses (differential diagnosis) and management options of a range of common minor ailments in order to correctly recognise them from patient data (history) and recommend appropriate and effective management.
3	Evaluate the adverse effects of drugs on the cardiovascular, urinary and respiratory systems in order to educate patients and prescribers on their avoidance.
4	Identify and assess factors that can adversely affect the lifecycle of a medicine in order to educate patients and prescribers on their avoidance.
5	Assess the effects of pregnancy on drugs, and appraise the causes and management of common problems in pregnancy, in order to educate patients and prescribers on the safe and effective use of medicines;
6	Assess the effects of pregnancy on drugs, and appraise the causes and management of common problems in pregnancy, in order to educate patients and prescribers on the safe and effective use of medicines.
7	Critically appraise and apply strategies aimed at promoting health and preventing lifestyle-based health problems: prevention, treatment and management of a range of respiratory and cardiovascular conditions with predominantly life-style-based aetiologies.
8	Effectively process complex prescriptions for the treatment of multiple disease with medicines.

Learning, Teaching and Assessment Strategy

Students will develop the knowledge, understanding & skills necessary to meet the learning outcomes of the module through the programme's instructional learning & teaching strategy; team-based learning. Students will study the core knowledge-based content of the module out

of class; this is then assessed through a series of individual readiness assurance tests (i-Rat), which are MCQ assessments for learning taken at regular intervals throughout the academic year. Students will discuss the i-Rat assessment in teams of 5-7 & retake the assessment as a team (t-Rat). In-class, students will then, in their teams of 5-7, apply their new knowledge to a number of formative and summative team application exercises during the academic year. Finally, students will be assessed that they can individually meet each of the learning outcomes through summative synoptic examinations at the end of the stage.

Students who do not attain 40% overall in this module and/or failing to achieve a Pass standard in the synoptic assessment (PH-3314X) will be required to repeat the full year with attendance, as outlined in the MPharm Programme regulations.

Mode of Assessment				
Type	Method	Description	Length	Weighting
Summative	Classroom test	Team Application exercises (summative)		25%
Summative	Classroom test	Ongoing Team readiness assurance tests (tRats)		25%
Summative	Classroom test	Ongoing Individual readiness assurance tests (iRats)		40%
Summative	Classroom test	Peer review of performance within the team		10%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html .

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.