

Senses, Thoughts and Movement 2

Module Code:	PHA6009-D
Academic Year:	2018-19
Credit Rating:	40
School:	School of Pharmacy and Medical Sciences
Subject Area:	Pharmacy
FHEQ Level:	FHEQ Level 6
Module Leader:	Dr Ritchie Williamson

Additional Tutors:

Gary Deakin, Dr Ian Grimsey, Dr Sriharsha Kantamneni, Mrs Diane Butterworth, Dr Samantha McLean, Mr Mark Green, Dr Xiangli Liu, Mr Simon Tweddell, Mrs Helen Cook, Mr Hadar Zaman

Pre-requisites:	Capability in Pharmacy 2 2017-18, Nutrition, Metabolism
Co-requisites:	Capability in Pharmacy 3 2018-19, Nutrition, Metabolism

Contact Hours

Type	Hours
Lectures	18
Tutorials	42
Laboratory	16
Directed Study	324

Availability Periods

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

Module Aims

This module builds on Senses, Thoughts and Movement 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 skin, eye and the nervous and musculoskeletal 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 skin, eye and the nervous and musculoskeletal 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 complex prescriptions for the treatment of single health problem/disease (of the skin, eye and the nervous and musculoskeletal 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 the skin, eye and the nervous and musculoskeletal systems.

Educating patients and prescribers on the adverse effects of drugs on the skin, eye and the nervous and musculoskeletal 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.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 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 option), monitor outcomes, enhance adherence and 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 skin and eye and the nervous and musculoskeletal 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 drugs on pregnancy, 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 Critically appraise and apply strategies aimed at promoting health and preventing lifestyle-based health problems, including in relation to the misuse of drugs.
- 7 Effectively process complex prescriptions for the treatment of multiple diseases with multiple medicines.

Learning, Teaching and Assessment Strategy

Students will develop the knowledge, understanding and skills necessary to meet the learning outcomes of the module through the programme's instructional learning and 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 and 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 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	Final Assess'
Summative	Other form of assessment DO NOT USE	Ongoing Individual readiness assurance tests (iRats)		40%	Yes
Summative	Other form of assessment DO NOT USE	Ongoing Team readiness assurance tests (tRats)		25%	No
Summative	Other form of assessment DO NOT USE	Team Application exercises (summative)		25%	No

Summative	Other form of assessment DO NOT USE	Peer review of performance within the team	10%	No
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Legacy Code (if applicable)

PH-3312K

Reading List

To view Reading List, please go to [rebus:list](#).