

Module Details	
Module Title	Applied Pathophysiology and Pharmacology in Acute and Long Term Conditions
Module Code	NUR7015-C
Academic Year	2021/2
Credits	30
School	School of Nursing and Healthcare Leadership
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Lectures	15
Tutorials	25
Directed Study	260

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
To develop and evaluate knowledge of general principles of pathophysiology and pharmacology that can be applied to your area of specialist practice and to common conditions that may co-exist with conditions of your specialist area. Synthesise theory and knowledge in pathophysiology and pharmacology in order to critically appraise the assessment and management of patients within the students clinical setting.

Outline Syllabus
Acute and chronic inflammation and their application to COPD and asthma Pathophysiology and pharmacology of diabetes, ischaemic heart disease and related cardiovascular disease, common bacterial infections, cancer, neurological disorders.

Learning Outcomes	
Outcome Number	Description
1.1	Critically analyse the literature and theoretical concepts related to the underlying pathophysiology of identified conditions.
1.2	Critically evaluate and apply recent research related to the pharmacological management of identified conditions.
2.1	Justify the assessment, planning and management of patients with complex conditions through a critical application of pathophysiology and pharmacology in your own area of practice.
3.1	Demonstrate the ability to become an autonomous learner through independent study and critical reflection on continuing development needs.
3.2	Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing care.
3.3	Retrieve, evaluate and apply appropriate information to inform and develop clinical practice.

Learning, Teaching and Assessment Strategy
<p>Research informed key lectures will be delivered in an interactive, online format; providing students with the opportunity to acquire knowledge and develop conceptual understanding (LO1.1, 1.2 & 2.1).</p> <p>Tutorials and group learning will be used to facilitate teacher/learner/ peer dialogue and inter-professional discussion and further develop and challenge conceptual understanding (LO1.1,1.2, 2.1, 3.2 & 3.3) Seminars and group learning will be delivered in an interactive format.</p> <p>Directed study and hours described as 'work-based learning' provides students with the opportunity to undertake reading, participate in enquiry based learning, address individual learning needs, contextualise learning to the students own area of practice and reflect on practice (LO 1.1,1.2, 2.1, 3.1, 3.2, 3.3)</p> <p>VLE will be used to provide access to online resources, lecture notes & external links to websites of interest.</p> <p>Labs and practicals will be held, if appropriate, to acquire new skills.</p> <p>Formative assessment and feedback will be provided electronically at individual tutorials, meetings will facilitate reflection and student self-assessment.</p> <p>All learning outcomes are assessed by the coursework assignment.</p>

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework - Written	2500 word assignment which critically evaluates a 'case history' from an appropriate clinical environment	100%

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.

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