

Module Details	
Module Title	Diabetes Care Delivery and the Detection and Management of Complications
Module Code	PSI7030-C
Academic Year	2020/1
Credits	30
School	School of Nursing and Healthcare Leadership
Subject Area	Practitioners with a Special Interest
FHEQ Level	FHEQ Level 7
Pre-requisites	N/A
Co-requisites	N/A

Contact Hours	
Type	Hours
Lectures	6
Seminars	4
Work based learning	180
Directed Study	110

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Non-Standard Academic Year

Module Aims
To acquire knowledge and competence to detect and manage the long term complications of diabetes and assess models of diabetes care, enabling the student to develop skills to work confidently & effectively as a Practitioner with a Special Interest in Diabetes.

Outline Syllabus

- * Diagnosis and management of the acute complications of diabetes
- * Diagnosis and management of micro and macrovascular complications of diabetes
- * A critical understanding of the importance of glycaemic control in the prevention of complications in Type 1 and Type 2 diabetes
- * A critical understanding of the importance of blood pressure control in the prevention of complications in Type 1 and Type 2 diabetes
- * Cardiovascular risk assessment in people with diabetes and the role of lipid lowering and antiplatelet therapy
- * Specific treatment options for people with diabetic nephropathy and risk of AKI
- * Pathways of care for the detection of complications of diabetes
- * Impact of diabetic complications on people with diabetes and their families
- * The importance of health beliefs and impact on behaviour change

Learning Outcomes

Outcome Number	Description
LO1a	Recognise and manage acute and long term complications of diabetes including foot problems, diabetic nephropathy and cardiovascular disease.
LO1b	Recognise factors associated with the development of micro and macro vascular complications.
LO1c	Critically evaluate the treatment options for the management of hypertension and the prevention of cardiovascular disease (including lipids) in people with diabetes.
LO1d	Apply knowledge of health beliefs and behaviour change.
LO2a	Investigate, risk assess and initiate the most appropriate treatment plan for the acute and long term complications of diabetes.
LO2b	Critically evaluate existing care pathways and models of diabetes care delivery.
LO2c	Refer patients appropriately for a second opinion.
LO2d	Practice evidence-based medicine in the detection and management of people with complications of diabetes.
LO3a	Practice critical effective problem solving skills.
LO3b	Demonstrate effective team working skills with colleagues and peers.
LO3c	Communicate effectively with patients, their carers and families.

Learning, Teaching and Assessment Strategy

Face-to-face tuition is delivered by advanced practitioners. Students are provided with the opportunity to acquire knowledge and develop conceptual understanding to underpin their practice at a higher level within diabetes care as addressed by LO: 1a, 1b, 1c, 2a, b, c, d.

Work-based learning occurs in placement supervised by a consultant mentor in the student's locality. It includes at least 14 sessions of practical and team-based learning, addressing LO: 1a, 1b, 1c, 2a, b, c, d, e, f, 3a, b, c. Self directed learning & guided study is identified through discussion with mentor and the construction of an individual learning programme. LO: 1a, b, c, 2a, b, c, d, e, 3a, b, c.

Assessment is in the form of: Verification of competence and key skills as observed by mentor which tests LO: 2a, b, c, d, 3a, b, c and is supported by a learning diary which demonstrates a breadth of learning and experience 3d. Reflective case studies address the management of two patients managed on placement and assesses LO: 1a, b, 2a, b, c, d, 3a. Students submit their work electronically and receive a summative % mark and written feedback. A draft may be sent to tutors for formative feedback.

The preparation and presentation of the critical appraisal of a piece of published research to the student group tests LO: 2d, 3a, b. Students are awarded a % mark and receive both written and face to face feedback on the day.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Clinical Assessment	Verification of competence & key skills together with completed learning diary.	N/A	0%
Summative	Coursework	Written reflective case assessment One alternative complication to case in assessment 2.0-1500 words	N/A	33%
Summative	Coursework	Written reflective case assessment One Type of Diabetes complication 0-1500 words	N/A	33%
Summative	Presentation	Presentation of the critical appraisal of a key research paper relating to the management of the complications of diabetes	20 mins	34%
Referral	Clinical Assessment	Assessment 1: Should you be unsuccessful in this element, you will be able to complete a further 8 clinical sessions with	N/A	0%

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.