

Module code: MOD004796	Version: 3 Date Amended: 07/Oct/2021
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1. Module Title
Advanced Management of Persons with Diabetes Across the Primary and Secondary Healthcare Settings

2a. Module Leader
Robert Priharjo

2b. School
School of Midwifery and Community Health

2c. Faculty
Faculty of Health, Medicine and Social Care

3a. Level
7

3b. Module Type
Standard (fine graded)

4a. Credits
30

4b. Study Hours
300

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	None		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

Diabetes has been known as a metabolic disorder characterised by hyperglycaemia resulting from defects in insulin secretion, insulin action or both. Globally, there are 347 million people living with diabetes and in the United Kingdom is now 3.2 million people live with this condition, including 630,000 as yet undiagnosed (Yorkshire & Humber Public Health Observatory/YHPHO, 2014). Unfortunately, the prevalence and burden of diabetes continues to increase. In The UK, it is predicted that by 2030, five million people will live with diabetes. People with diabetes are at risk from microvascular, macro vascular and neuropathic complications and the quality of life is lower compared to those without diabetes. Currently, there is an emphasis on diabetes commissioning and the need for input and care provision from specialist teams, so that all local authorities and health care professionals involved in diabetes care can implement our national guidelines. This module is aimed at all practitioners, especially those with an interest in the management of children or adults with diabetes, or career progression at a post graduate level. This interprofessional module requires students to enhance their existing knowledge and skills for delivering the evidence based diabetes care as well as to exercise their higher levels of judgment, discretion and decision making. The module is facilitated by practitioners, lecturers and researchers and it will be assessed formatively and summatively.

6b. Outline Content

* Blood glucose regulation. * Epidemiology, classification, clinical manifestations, novel biomarkers and diagnosis criteria of diabetes. * Quality standards and commissioning in diabetes care. * Life style interventions (e.g. diet and exercise). * Recent pharmacological innovations in the management of type 1 and type 2 diabetes mellitus. * Carb counting and insulin adjustment. * Diabetes competency frameworks. * Diabetes emergencies and in hospital care management. * Long-term complications of diabetes and co-morbidities.

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

American Heart Association Diabetes Tools and Resources. Clinical visit to different diabetes care settings (specialisations/self-arranged) or attendance to a diabetes conference. Diabetes in Health Care Diabetes UK. D-NET Diabetes Education Network for Health Professionals (International Diabetes Federation). European Association for the Study of Diabetes (EASD) Virtual Meeting. European Association for the Study of Diabetes (EASD) Web-based Lectures. Resources for Professionals from the American Diabetes Association including estimated Average Glucose (eAG); the cardiometabolic Risk. The World Health Organization report 'Preventing chronic diseases: a vital investment'.

7. Learning Outcomes (threshold standards)		
No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Demonstrate an indepth knowledge and an ability to critically analyse the aetiology, pathophysiology, clinical features of diabetes and their implications to the health and social services.
2	Knowledge and Understanding	Critically analyse and synthesis diabetes knowledge and make sound judgements regarding treatment and complex patient management options by promoting self-care and informed decision.
3	Intellectual, practical, affective and transferrable skills	Confidently and competently assess, support and treat complex patients with diabetes within their professional boundary, utilising effective decision-making process and where appropriate, local or national specialist services.
4	Intellectual, practical, affective and transferrable skills	Critically evaluate the current and future personal and professional diabetes competencies relevant to their advancing role, the team and the organisation.

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2025/6	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	24	1-4	24 hrs lectures.
Other teacher managed learning	36	1-4	6 hrs skills based including simulation, 6 hrs workshops, 3 hrs group work/ presentation, 12 hrs tutorial based, 4 hrs self-arranged clinical visit, 5 hrs pre-course study pack.
Student managed learning	240	1-4	240 hours within practice and personal study. The students are expected to take the initiative in enhancing their diabetes knowledge. They will need to diagnose their learning needs by identifying their competencies based on the available diabetes competency frameworks, formulating/re-formulating their learning goals and selecting learning strategies to achieve and evaluate the chosen learning outcomes. Group meetings with the module tutors will be arranged as agreed to monitor the progress.
TOTAL:	300		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Coursework	1-4	100 (%)	Fine Grade	40 (%)
A critical care analysis of diabetes care management and quality improvement (6000 words). The essay consists of three parts: Case Study of a person with diabetes (3000 words), analysis of diabetes quality care standards (2000) and development personal diabetes competencies (1000 words).					

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:

- (a) achieve the qualifying mark for each element of fine graded assessment as specified above**
- (b) pass any pass/fail elements**

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]