



Module Specification

Essentials of Renal Care

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Part 1: Information

Module title: Essentials of Renal Care

Module code: UZWRVU-20-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 20

ECTS credit rating: 10

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Acute and Critical Care Adult Nursing

Module type: Module

Pre-requisites: None

Excluded combinations: Essentials of Renal Care 2023-24

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Module Entry Requirements: Registered Practitioners who deliver healthcare service to people with renal care needs. Offered as CPD or stand alone.

Educational aims: See Learning Outcomes.

Outline syllabus: Day 1. Introduction to the module and literature searching skills: Appreciation of online learning resources and self-directed learning

Introduction and pathophysiology of the renal system

Investigations in renal disease

Pharmacology in renal care

Day 2. Acute Kidney Injury and Chronic Kidney Disease:

Acute Kidney Injury and Management

Chronic Kidney Disease and Management

Ethical consideration in renal care

Conservative treatment and End of Life Care

Day 3. Renal Replacement Therapy: Haemodialysis:

Salt balance, Target weight and Fluid balance

Vascular access

Haemofiltration and Haemodiafiltration

Haemodialysis complications

Day 4. Renal Replacement Therapy: Peritoneal Dialysis:

Formative Assessment

The principles of Peritoneal Dialysis

Complications of Peritoneal Dialysis

Nutritional support in Renal replacement therapy

Day 5. Renal Replacement Therapy: Transplantation:

Immunology in Transplantation

Pre and Post Transplantation Care

Immunosuppressant management

New Onset Diabetes After Transplantation

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, seminars, tutorials, reflection on practice and work based learning, practical classes and workshops.

Independent learning includes hours engaged with essential reading especially activities online, case study preparation and presentation, assignment preparation and completion.

The actual contact time is 48 hours and this is complemented by self-directive learning and online learning resources.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Apply detailed knowledge and understanding of the physiology and pathophysiology of renal dysfunction

MO2 Demonstrate knowledge and understanding of the care and management of complications of renal replacement therapies and transplantation in relation to psychological, physiological and social issues.

MO3 Critically explore and debate ethico-legal issues which impact on renal care and promote the value of evidence based practice in an acute and/or primary care setting

MO4 Critically analyse the quality of healthcare provision in renal care and discuss how this contribute towards service improvement

MO5 Demonstrates scholarly deliberation of the evidence that influence the diagnosis of renal failure, treatment modalities and the impact on service users

MO6 Demonstrate in-depth knowledge and understanding of pharmacological and nutritional needs in the management of renal disease

Hours to be allocated: 200

Contact hours:

Independent study/self-guided study = 152 hours

Face-to-face learning = 48 hours

Total = 200

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/uzwrvu-20-m.html) via the following link <https://uwe.rl.talis.com/modules/uzwrvu-20-m.html>

Part 4: Assessment

Assessment strategy: Formative Assessment

Case study presentation: Individual presentation utilising a reflective model to discuss a particular aspect of care from practice. This promotes peer learning and appreciation of different roles in the delivery of service in healthcare. This will enable them to explore the foundation for the summative assessment.

Summative Assessment

Case Study Essay (3000 words): Writing an essay demonstrating knowledge and understanding of the delivery of service to a person with renal healthcare needs.

The essay should include a brief history of the person, the pathophysiology of renal dysfunction and how care was delivery in order to meet the person's healthcare needs. The essay should clearly demonstrate understanding of the role of the practitioners in enhancing future practice.

At level 7 students are expected to critically evaluate, synthesise and provide independent perspectives regarding the delivery of service in this case study. This should include a critical exploration of literature and debate the wider socio-political implications of renal service delivery.

Assessment tasks:

Case Study (First Sit)

Description: 3000 word case study

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Case Study (Resit)

Description: 3000 word case study

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study: