



Module Specification

Essentials of Renal Care

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Part 1: Information

Module title: Essentials of Renal Care

Module code: UZWRVT-20-3

Level: Level 6

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: None

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: This module aims to provide you with an opportunity to apply knowledge, understanding and clinical skills in renal care to demonstrate attainment of theoretical concepts in the implementation of holistic evidence based care delivery of patients within the renal care environment. In addition, you will have the

opportunity to explore Haemodialysis, Peritoneal Dialysis, Transplantation and service improvement strategies.

Outline syllabus: 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

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

Renal Replacement Therapy: Haemodialysis:

Salt balance, Target weight and Fluid balance

Vascular access

Haemofiltration and Haemodiafiltration

Haemodialysis complications

Renal Replacement Therapy: Peritoneal Dialysis:

Formative Assessment

The principles of Peritoneal Dialysis

Complications of Peritoneal Dialysis

Nutritional support in Renal replacement therapy

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: A variety of methods will be deployed including keynote lectures, group and individual tutorials, debates and self-directive learning. Paramount to the teaching and learning strategy will be the value placed on the student's own experience of practice and theoretical underpinnings of practice. The module team and external experts will provide the main input to the taught sessions.

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

MO1 Provide evidence of understanding of the anatomy and physiology of the renal system and how this is affected in renal disease processes

MO2 Examine the care and management of complications of renal replacement therapies and transplantation in relation to psychological, physiological and social issues

MO3 Demonstrate knowledge and understanding of the ethical, cultural and quality of life issues associated with renal disease and treatments

MO4 Evaluate the role of the multidisciplinary team within the renal setting and explore renal nursing leadership in relation to service improvement

MO5 Explore how evidence based practice influence the diagnosis of renal failure, treatment modalities and the impact on service users

MO6 Demonstrate an understanding and appreciation of pharmacological and nutritional needs in the management of renal disease

Hours to be allocated: 200

Contact hours:

Independent study/self-guided study = 164 hours

Face-to-face learning = 36 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/uzwrvt-20-3.html) via the following link <https://uwe.rl.talis.com/modules/uzwrvt-20-3.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 (3000 words).

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 6, students are expected to critically analyse, evaluate and synthesise the delivery of service in this case study. This should include some appreciation of how evidence based practice influence the delivery of renal service.

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:

Nursing (International) {Top-Up}[BIBM] BSc (Hons) 2023-24