



Module Specification

Care of the Acutely Ill Adult

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Part 1: Information

Module title: Care of the Acutely Ill Adult

Module code: UZWR1A-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: None

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Barred Combinations: Foundations of acute critical and emergency care UZWS9N-20-M, Care of the acutely ill adult (3) UZWSSH-15-3.

Features: Module Entry Requirements: Registered health care practitioner working in an environment where they encounter patients with acute physiological deterioration.

Educational aims: See Learning Outcomes.

Outline syllabus: Respiratory deterioration; assessment and management:

Applied physiology, pathophysiology

Chest X-ray interpretation and arterial blood gas analysis

Oxygen therapy and nebulizer therapy

Non -invasive respiratory support, tracheostomy, tracheal suction and other airway maintenance strategies

Cardiovascular deterioration; assessment and management:

Applied cardiovascular physiology and pathophysiology

Monitoring cardiac and vascular pressures

Cardiovascular drugs and fluid therapy

Communication:

Track and trigger systems and communication tools

Breaking bad news

Host response to infection:

Host response

Inflammation

Sepsis

Neurological deterioration:

Acute confusional states and acute severe headache

Neurological/ cognitive assessment

Above content mapped against: Department of Health (2009) Competencies for Recognising and Responding to Acutely Ill Patients in Hospital (“recogniser and primary responder”).

Part 3: Teaching and learning methods

Teaching and learning methods: Contact Hours:

A total of 36 hours in the form of online seminars, lectures and activities which will

include online contact time with a module team member. This maybe in the form of a Collaborate (or similar) webinar within blackboard, session or text based synchronous discussion board.

Teaching and Learning Methods:

The entire module is delivered online. Students will undertake a variety of nonsynchronous learning tasks including discussion boards, wikis and guided online reading. Audio visual and interactive media will be employed where appropriate such as quizzes, exercises, and video tutorials.

Core information will be provided on blackboard and will draw upon and direct the student to the wealth of material available electronically, including, videos, webinars, tutorials and simulations. There will be recommended but not essential practical learning experiences (for example a visit to the operating theatre).

The module is structured into 2 large and 2 smaller themes:

- a) Respiratory
- b) Cardiovascular
- c) Communication
- d) Host response to infection

Core material in relation to these topics is provided online and organised according to the theme. There is an inherent progression within respiratory and cardiovascular themes which starts at physiology and ends at management.

Students are free to study at their own pace and “surfing” beyond core topics (but with relevance to their own practice) is encouraged. PDF files, links or digitised copies of any essential reading will be provided.

The remaining 18 contact hours will be non-synchronous learning through discussion, collaboration (wiki) and individual communication with an allocated team member.

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

MO1 Critically evaluate altered physiology in a patient with deteriorating respiratory and/or cardiovascular status in relation to clinical presentation.

MO2 Interrogate research evidence surrounding the different management strategies for a deteriorating patient.

MO3 Evaluate communication and documentation issues relating to acute care in context to their own work environment.

MO4 Critically evaluate issues relating to the assessment and management of cognitive/ neurological deterioration relevant to their own client group.

MO5 Discriminate between the clinical presentation and physiological processes involved in the host response to infection and sepsis.

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/uzwr1a-20-m.html) via the following link <https://uwe.rl.talis.com/modules/uzwr1a-20-m.html>

Part 4: Assessment

Assessment strategy: Formative Assessment:

Students will be given opportunities to test their understanding and learning in several interactive quizzes and activities with feedback throughout the module.

These activities will also prepare students for their engagement with the summative elements described below.

Summative Assessment:

Students will be expected to undertake a series of 5 x 10 minute online activities throughout the module, timed at specific module weeks and embedded in the learning process. These activities will require UWE login to access and will be designed to be marked automatically. The module leader will have full access to up to-date data to monitor progress and marks obtained by students. Students will be able to see their results immediately after completing each task. The design of the activity will be such as to allow students only one attempt for each activity, however practice activities (as stated above) will be provided without constraint on the number of attempts.

The design of the activities will be varied, for example:

MCQ

Drag and drop

True/false

Label the structure

Prioritisation structure

Scenario based questions

The activities described above will make up 50% of the assessment load; the remaining 50% will be the 1500 word assignment.

The 1500 word assignment will allow for the application of the knowledge gained in the online activities to the management of the deteriorating patient. The assignment will critically explore the course of action taken to effectively manage the patient in the context of one of the major core themes and must consider communication issues.

Core themes:

a) Respiratory

b) Cardiovascular

This assessment strategy has been designed following best practice on effective assessment from JISC and The Open University's Centre for Excellence in Teaching

and Learning.

Technical design and deployment of the activities will also follow best practice developed at UWE by the Education Innovation Centre in collaboration with academic colleagues across the university.

Assessment tasks:

Online Assignment (First Sit)

Description: 5 x 10 minute online activities embedded in the learning process

Weighting: 50 %

Final assessment: Yes

Group work: No

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

Written Assignment (First Sit)

Description: 1500 word assignment

Weighting: 50 %

Final assessment: No

Group work: No

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

Online Assignment (Resit)

Description: 5 x 10 minute online activities embedded in the learning process

Weighting: 50 %

Final assessment: Yes

Group work: No

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

Written Assignment (Resit)

Description: 1500 word assignment

Weighting: 50 %

Final assessment: No

Group work: No

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

Part 5: Contributes towards

This module contributes towards the following programmes of study: