



Module Specification

Musculoskeletal Trauma and Orthopaedic Care

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Part 1: Information

Module title: Musculoskeletal Trauma and Orthopaedic Care

Module code: UZWY7R-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

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: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: This module has been designed for the adult nursing student who wishes to critically explore, examine and expand on the knowledge and skills necessary to deliver care and rehabilitation, whilst developing a detailed understanding of the physical, psychological and socio-cultural impact of

musculoskeletal trauma and orthopaedic conditions. The student will critically examine and explore the principles of normal musculoskeletal health and function and analyse how this relates to the pathophysiology of orthopaedic disease and musculoskeletal trauma. The student will then be expected to analyse and compare the interdisciplinary care options available to meet the needs of these patients.

Outline syllabus: To meet the learning outcomes the syllabus will include:

Normal musculoskeletal anatomy and physiology

Principles of musculoskeletal and trauma assessment

Common Musculoskeletal injuries and their management.

Common Orthopaedic disorders and their management

Complication of musculoskeletal trauma and orthopaedic surgery

Introduction to major incident planning

Primary and metastatic bone tumours

Roles within the health care team

Body image disturbance, disability and psychological care needs

Health education principles, continuing care/rehab and mobilising strategies

Part 3: Teaching and learning methods

Teaching and learning methods: A variety of learning approaches will be taken incorporating both classroom and online activities via blackboard. The student will be encouraged to think critically whilst engaging in both directed and self-directed learning activities. The student will receive regular feedback aimed at developing their knowledge and understanding and will have regular opportunity to discuss their progress with the module lead.

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

MO1 Critically examine and explore the normal musculoskeletal anatomy and physiology

MO2 Critically examine and apply knowledge relating to the mechanism and pathophysiology of orthopaedic disease and traumatic injury

MO3 Critically appraise, compare and contrast the physical, psychological and social cultural care management of orthopaedic and musculoskeletal trauma patients in regard to assessment, treatment and potential complications

MO4 Critically analyse and compare roles within the orthopaedic interdisciplinary team in relation to the rehabilitation for orthopaedic conditions and musculoskeletal trauma

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

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

Part 4: Assessment

Assessment strategy: The written assignment will allow the student to critically examine and explore detailed aspects of the pathophysiology and progress of a chosen orthopaedic condition/disorder or traumatic injury. The student will then critically examine and compare possible care interventions required by patients with that chosen orthopaedic condition/disorder or traumatic injury.

The format will facilitate the development of their skills in searching for and using literature to critically analyse, evaluate, appraise and compare findings, thus enabling them to demonstrate their knowledge and analytical skills with detail, clarity and focus. Opportunities for formative feedback will arise throughout the module and will be facilitated through classroom based learning, group work, and one to one tutorials.

Assessment tasks:

Written Assignment (First Sit)

Description: 2000 word assignment

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (Resit)

Description: 2000 word assignment

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study: