

Developing Evidence Based Neuromusculoskeletal Practice 1

Module Overview

The module aims to prepare you for clinical practice within the field of neuromusculoskeletal dysfunction. A key feature of the module will be the use of problem based learning; in order to enhance student ability to gain a clinically relevant knowledge base utilising the principles of evidence-based practice. Practical sessions will involve acquisition of relevant assessment and treatment skills centred on the principles of clinical effectiveness. A client-centred view will be encouraged facilitating students to make decisions in partnership with clients; carers; health professionals; stakeholders and others.

Learning Outcomes

By the end of the module you should be able to:

- Demonstrate a working knowledge of the normal structure and functioning of the neuromusculoskeletal system (upper and lower quadrants)
- Discuss consequences of disruptions to normal structure and function as a result of pathology, injury and ageing
- Critically evaluate the pathological and healing processes of the above dysfunctions, discussing their relationship to management
- Demonstrate practical knowledge of key skills appropriate for assessing and managing neuromusculoskeletal dysfunction, with due regard for safety, legal and ethical issues
- Critically evaluate the use of key skills for assessing and managing neuromusculoskeletal dysfunctions
- Critically appraise the evidence supporting or negating the use of key modalities in the management of neuromusculoskeletal dysfunctions
- Critically evaluate clinical reasoning in the assessment and management of neuromusculoskeletal dysfunction
- Discuss the use of an holistic approach in the management of patients with neuromusculoskeletal dysfunctions

Credits

20 credits

Module Attendance Required

88 hours staff/student contact

Module Dates

Year 1 January – March; May

Assessment

A seminar based on a case study provided by the module will be presented (70%) accompanied by a 500 word written component (30%); reference list and handout from the seminar.

Academics involved in the delivery of this module

Mr Nick Bent

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Course fact file

Type of Course: Module