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 neuormusculoskeletal 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

Study here and find out why the University of Birmingham was awarded The Times and The Sunday Times University of the Year 2013-14 (http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)

Course fact file

Type of Course: Module

© University of Birmingham 2015