

Developing Evidence Based Neuromusculoskeletal Practice 2

Module Overview

This module aims to extend the practice of physiotherapy in the management of patients with neuromusculoskeletal dysfunctions. It builds upon the module taken in year one of the programme. Students will be introduced to a breadth of approaches for managing such dysfunctions. The emphasis will be upon evaluating and critiquing various approaches from a perspective of analysing the available evidence, developing skill in the approach and deepening their clinical reasoning. Students will also be introduced to the theories, principles and practice of ergonomics as an adjunct to effective physiotherapeutic management. A key feature of this module will be the use of visiting lecturers who are experts in different approaches to the management of neuromusculoskeletal dysfunctions.

Learning outcomes

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

- Evaluate different approaches to the management of patients with neuromusculoskeletal dysfunctions
- Critically analyse each approach with respect to the evidence available supporting / negating the approach
- Apply these approaches and the evidence to clinical reasoning about patients with neuromusculoskeletal dysfunctions
- Discuss the causation and management of pain states
- Apply ergonomic principles to the practice of physiotherapy
- Evaluate the application of ergonomic principles to physiotherapy
- Evaluate the role of physiotherapy in the management of specific pathologies
- Carry out safely, effectively and with due regard for indication and contra-indications specified manipulative thrust techniques

Credits

20 credits

Module Attendance Required

72 hours

Module Dates

7 January 2015
8 January 2015
14 January 2015
15 January 2015
21 January 2015
22 January 2015
27 January 2015
28 January 2015
3 February 2015
4 February 2015
11 February 2015
Assessment date TBC

Assessment

Poster reporting a review of empirical evidence of an approach to management of neuromusculoskeletal dysfunctions.

Brief presentation (5 minutes + 5 minutes for questions) This is 100% of the module weighting. This is 100% of the module weighting.

Academics involved in the delivery of this module

[Dr Nicola Heneghan](http://www.birmingham.ac.uk/schools/sport-exercise/staff/profile.aspx?ReferenceId=33614&Name=dr-nicola-r-heneghan) (<http://www.birmingham.ac.uk/schools/sport-exercise/staff/profile.aspx?ReferenceId=33614&Name=dr-nicola-r-heneghan>)

Paul Jepson

Specialist visiting lecturers

Stand Alone Course

This module can also be taken as a stand alone course if required. To apply, please contact the Programme Administrator:

Telephone: +44 (0)121 414 3126

Email: np-pgadmissions@contacts.bham.ac.uk (<mailto:np-pgadmissions@contacts.bham.ac.uk>)

Fee if taken as a stand alone course

The Home/EU module fee for 2014/15 is £1260, the overseas fee is £2184.

Entry requirements if taken as a stand alone module

Evidence of ability to undertake M level study.

[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) (<http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx>)

