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Developing Evidence Based Cardiorespiratory Practice

Module Overview

The module aims to introduce you to the role of the physiotherapist working within this specialty and the contexts of care in which they practise. It will explore common conditions treated by physiotherapists, examining the impact these conditions can have on peoples' lives.

You will learn how to assess patients, derive management plans and carry out treatment skills to achieve identified objectives. You will also learn how to involve patients and their carers in the management process through supporting shared decision-making and self-management strategies. Importantly you will learn how to evaluate the impact of your interventions ensuring safe and effective practice.

You may encounter patients with chronic disease or those who are acutely ill. Understanding the psychosocial issues associated with these circumstances as well as the impact they can have on you will be important if you are to deliver patient-centred and holistic care.

The module is built on the development of knowledge and skills through critical analysis of relevant theory / literature to enable an evidence-based approach to cardio-respiratory practice, focused on clinical reasoning within a patient-centred approach to care.

The module is aimed at physiotherapists but may be useful for nurses or other healthcare professionals with an interest in the field.

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 cardiovascular and respiratory systems.
- Discuss consequences of disruptions to normal structure and function as a result of pathology, injury and ageing.
- Demonstrate practical knowledge of key skills appropriate for assessing and managing patients with cardio-respiratory dysfunctions, with due regard for safety, legal and ethical issues.
- Critically evaluate methods used to assess and manage cardio-respiratory dysfunctions.
- Critically appraise the evidence supporting or negating the use of key modalities for assessing and managing cardio-respiratory dysfunction.
- Justify appropriate reasoned decision-making when presented with clinical problems within a framework of evidence-based practice.
- Demonstrate an understanding of the needs of patients/clients/carers etc affected by cardiorespiratory problems through evidence of an holistic approach to practice.
- Critically evaluate practice through seeking evidence of personal and treatment effectiveness.

Credits

20 credits

Module Attendance Required

60 hours

Module Dates

2013/14 dates

1 day per week for 10 weeks commencing:

- 20th January

Dates for 2014/15 to be confirmed.

Assessment

One 4000 word case commentary (100%)

Academics involved in the delivery of this module

Dr Carolyn Roskell (http://www.birmingham.ac.uk/schools/sport-exercise/staff/profile.aspx?ReferenceId=5795&Name=dr-carolyn-roskell) ; **Mr Clive Liles (http://www.birmingham.ac.uk/schools/sport-exercise/staff/profile.aspx?ReferenceId=6147&Name=mr-clive-liles)**

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-admissions@contacts.bham.ac.uk (mailto:np-admissions@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 course

Evidence of ability to undertake M level study.

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(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: Continuing professional development, module

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