

Module Details	
Module Title	Physiotherapy Management of Spinal Dysfunction
Module Code	PAR7001-C
Academic Year	2020/1
Credits	30
School	School of Allied Health Professions and Midwifery
Subject Area	Physiotherapy and Rehabilitation
FHEQ Level	FHEQ Level 7
Pre-requisites	N/A
Co-requisites	N/A

Contact Hours	
Type	Hours
Lectures	24
Practical Classes or Workshops	20
Directed Study	256

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Non-Standard Academic Year
BDA	University of Bradford / Semester 1
BDA	University of Bradford / Semester 2

Module Aims
This module will enable the physiotherapist to reflect on current practice and develop advanced theoretical and practical skills in the management of individuals with spinal dysfunction

## Outline Syllabus

1. Critical analysis and synthesis of relevant anatomy, pathology, biomechanics and physiological processes underpinning the presentation of patients with musculoskeletal spinal dysfunction.
2. Advanced clinical reasoning and differentiation skills in the examination and assessment of patients with musculoskeletal spinal dysfunction.
3. Critical appreciation of patient management including the role of the MDT and further investigations.
4. Research based physiotherapy practice.
5. Evaluation of the theoretical application of relevant skills including neural dynamics, McKenzie, Maitland, muscle imbalance and other manual therapies.
6. Critical appraisal of and reflection on current research findings in the management of musculoskeletal dysfunction.
7. Reflective and effective interpersonal and communication skills.

## Learning Outcomes

Outcome Number	Description
01	Critically evaluate and determine appropriate physiotherapy and/or MDT investigation, management and progression relating the underpinning theoretical principles to advancing clinical practice.
02	a) apply advanced skills related to the subjective and physical objective examination of the patient presenting with musculoskeletal spinal dysfunction. b) Utilise advanced clinical reasoning and differentiation skills to determine the appropriate physiotherapy diagnosis and likely prognosis within the boundaries of professional autonomy. c) Integrate theory and evidence based practice to the management of spinal dysfunction.
03	a) Reflect, evaluate and critically appraise current practice. b) Understand and take into account the influence of patients' cultural, religious and socio-economic backgrounds on their health and well-being. c) Employ a holistic and patient-centred approach within the overall physiotherapy management of musculoskeletal joint dysfunction.

## Learning, Teaching and Assessment Strategy

A blended learning approach may be taken depending on the external environment when the module is delivered. All contact hours within the learning and teaching strategy will be scheduled on campus. Practical sessions will be delivered face to face & on-campus whilst maintaining Health & Safety related to current guidelines.

Key lectures (some of which may be online) will introduce the student to the principles of advanced clinical reasoning and application of evidence based practice in relation to spinal dysfunction. This will be followed by specific theory/practical sessions which will enable the student to explore and apply theory to practice in relation to spinal dysfunction. The emphasis will be on the development of advanced practical, clinical and theoretical skills. . Students will normally be working in musculoskeletal out patients which will include defined sessions with a mentor in order to facilitate the development of advanced clinical practice and reasoning skills. The assessment for the module is based on the integration of theory and practice in the assessment of a new patient, followed by a viva with clinical mentor and in the submission of an evidence based case study related to patient management.

Mode of Assessment				
Type	Method	Description	Length	Weighting
Summative	Examination - oral/viva voce	Viva using documentation from a recently assessed patient. Demonstrating a clinical reasoning approach	30 mins	60%
Summative	Coursework	Critical evaluation of the evidence base related to the management of a single case study 2,500 words max.	N/A	40%

Reading List
To access the reading list for this module, please visit <a href="https://bradford.rl.talis.com/index.html">https://bradford.rl.talis.com/index.html</a>

*Please note:*

*This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.*

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