

Module Details	
Module Title:	Physiotherapy Management of Spinal Dysfunction
Module Code:	PAR7001-C
Academic Year:	2019-20
Credit Rating:	30
School:	School of Allied Health Professions and Midwifery
Subject Area:	Physiotherapy and Rehabilitation
FHEQ Level:	FHEQ Level 7 (Masters)
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	24
Practical classes and workshops	8
Tutorials	12
Laboratory	60
Directed Study	196

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

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 management 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 pain management. 4. Critical evaluation and practical application of advanced manual therapy techniques to the management of patients with cervical, thoracic and lumbar spine dysfunction. 5. Research based physiotherapy practice. 6. Evaluation of the theoretical and practical application of relevant skills including neural dynamics, McKenzie, Maitland, muscle imbalance and other manual therapies. 7. Critical appraisal of and reflection on current research findings in the management of musculoskeletal dysfunction. 8. Reflective and effective interpersonal and communication skills.

Learning Outcomes

1	Critically evaluate and determine appropriate physiotherapy management and progression relating underpinning theoretical principles to advancing clinical practice.
2	a) apply advanced skills related to the subjective and physical objective examination of the patient 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.
3	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

Introductory lectures will launch the module and the student to the principles of clinical reasoning and evidence based practice in relation to spinal dysfunction. This will be followed by theory/practical sessions which will enable the student to explore and apply theory to practice in relation to spinal dysfunction. Each session will be concentrated on one anatomical region. The emphasis will be on the development of advanced practical and theoretical skills. Students will have the opportunity to undertake formative practical examinations in the clinical setting and have the opportunity to receive both mentor and academic feedback. Students will normally be working in musculoskeletal out patients which will include weekly sessions with a mentor in order to facilitate the development of advanced clinical reasoning skills. The assessment for the module is based on the integration of theory and practice in the assessment of a new patient and in the submission of an evidence based case study.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Examination - practical/laboratory	Competency tests demonstrating differential diagnostic testing & clinical reasoning skills 0%	0 hours	%

		(pass/fail)		
Summative	Examination - practical/laboratory	Patient practical examination demonstrating a critical reasoning approach	0 hours	40%
Summative	Coursework	Critical evidence based single case study 3000 words max	0 hours	60%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

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.