

Module Details	
Module Title	Sport Trauma Management (MPhysiotherapy)
Module Code	PAR6009-B
Academic Year	2020/1
Credits	20
School	School of Allied Health Professions and Midwifery
Subject Area	Physiotherapy and Rehabilitation
FHEQ Level	FHEQ Level 6
Pre-requisites	N/A
Co-requisites	N/A

Contact Hours	
Type	Hours
Online Lecture (Asynchronous)	25
Practical Classes or Workshops	26
Learning Objects Interaction	10
Directed Study	139

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
To enable the student to develop a research-informed theoretical and practical application of the necessary skills required of a Sport and Exercise Medicine Physiotherapist to evaluate and manage sport trauma and acute injury in the sporting, health and fitness environment.

Outline Syllabus

Anatomy, biomechanics, physiology and pathology and first aid in acute trauma and injury related to different age groups, levels of participation and disability. Identification and assessment of acute head, spinal, skin and visceral injuries. Nutrition, hydration and thermoregulation disorders sustained in the sporting settings. Review of healing processes following acute injury and trauma. Skills- Cryotherapy, Risk assessment in sport and role of personnel including the coach, parent and athlete. Clinical assessment, evaluation and problem solving following acute injury in a sporting setting. Cultural competency within the sport environment. Preparation for working with teams both locally and internationally. Legal and ethical aspects of working in a sporting context with children, adults, individuals with a disability and with respect to informed consent, capacity, confidentiality and child protection. Analysis of current evidence based practice in sports physiotherapy and acute sports injury management. Literature searching and critical appraisal of relevant sports related evidence.

Learning Outcomes

Outcome Number	Description
1	1. Apply knowledge of anatomy, biomechanics and physiology to the prevention and management of sports injury 2. Critically review mechanisms of injury in sport 3. Recognise and understand the implications of cardiac, head, spinal, visceral injuries and wounds sustained in sport 4. Critically review and evaluate the Physiotherapist's role in relation to other personnel in responding to trauma 5. Demonstrate knowledge and understanding of ethical, legal and professional issues within Inter-Professional teams. 6. Identify and evaluate professional scope of practice in the context of Inter-Professional and multi-agency working. 7. Plan and implement risk assessment of the athlete and activities in the prevention of injury and critical incidents in a sports setting. 8. Apply knowledge to respond safely to the immediate management of critical incidents in the field of play. 9. Critically evaluate how human factors impact on the development of organisational policy, procedure and culture. 10. Critically evaluate and determine appropriate management of traumatic injury in different age groups integrating best evidence with clinical practice 11. Critically reflect on and adapt communication skills and language appropriate to both the individual and in a variety of sporting environments. 12. Critically reflect on legal and ethical aspects of working with different patient groups in the sporting context. 13. Develop effective academic written and verbal skills through the undertaking of advanced literature searching, teaching skills and the use of information technology. 14. Critically reflect on the development of your own learning and knowledge in becoming a collaborative practitioner.
1	1. Apply knowledge of anatomy, biomechanics and physiology to the prevention and management of sports injury 2. Critically review mechanisms of injury in sport 3. Recognise and understand the implications of cardiac, head, spinal, visceral injuries and wounds sustained in sport 4. Critically review and evaluate the Physiotherapist's role in relation to other personnel in responding to trauma 5. Demonstrate knowledge and understanding of ethical, legal and professional issues within Inter-Professional teams. 6. Identify and evaluate professional scope of practice in the context of Inter-Professional and multi-agency working. 7. Plan and implement risk assessment of the athlete and activities in the prevention of injury and critical incidents in a sports setting. 8. Apply knowledge to respond safely to the immediate management of critical incidents in the field of play. 9. Critically evaluate how human factors impact on the development of organisational policy, procedure and culture. 10. Critically evaluate and determine appropriate management of traumatic injury in different age groups integrating best evidence with clinical practice 11. Critically reflect on and adapt communication skills and language appropriate to both the individual and in a variety of sporting environments. 12. Critically reflect on legal and ethical aspects of working with different patient groups in the sporting context. 13. Develop effective academic written and verbal skills through the undertaking of advanced literature searching, teaching skills and the use of information technology. 14. Critically reflect on the development of your own learning and knowledge in becoming a collaborative practitioner.

Learning, Teaching and Assessment Strategy

Research Informed Key lectures will deliver core content providing the students with the opportunity to acquire knowledge related to assessment and first aid management of acute trauma in the sport, health and fitness settings. This will be supported by small group discussions, seminar presentations and enquiry based learning using scenarios to enable students to develop their research informed knowledge base and apply this to acute trauma.

Students will critically reflect on legal and ethical aspects of working in this environment with a range of diverse patient groups (LO 1, 2, 3, 4, 5, 6, 10, 12). Practical workshops will enable the student to enhance skill acquisition in sport trauma management (LO 7,8,9). Technology will be used to support learning and to provide access to online resources, lecture notes, reflective portfolio and external links to websites of interest. (LO 11,12,13,14) Directed study provides students with the opportunity to build on previous learning of anatomy, biomechanics, exercise physiology, pathophysiology, healing, mechanisms of injury, assessment and management (LO 1,2,3,4, 10, 12,14). Assessment 1 will address all LOs 1,2,3,5,7,8,9,11,12 and Assessment 2 will address LOs. 4,6,10,13,14.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	A negotiated area of trauma management	N/A	50%
Summative	Examination - oral/viva voce	Oral examination based on a practical sporting environment scenario	N/A	50%

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.