

Sport Trauma Management

Module Code:	PAR5006-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Allied Health Professions and Midwifery
Subject Area:	Physiotherapy and Rehabilitation
FHEQ Level:	FHEQ Level 5
Module Leader:	Mrs Hilary Pape

Additional Tutors:

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	25
Tutorials	10
Laboratory	25
Directed Study	139.5
Examinations DO NOT USE	0.5

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To enable the student to develop a research-informed theoretical and practical application of the necessary skills required of a Graduate Sport Rehabilitator (GSR) to evaluate and manage sport trauma and acute injury in the sporting and 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, Strapping 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. Accredited level 2 first aid certificate to include wound care, cardiopulmonary resuscitation and Basic Life Support (CPR/BLS) and management of life threatening injury or conditions. . Role delineation. Analysis of current evidence based practice in sports physiotherapy and acute sports injury management. Literature searching and critical appraisal of relevant sports related evidence.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1
 - 1.1 Apply knowledge of anatomy, biomechanics and physiology to the prevention and management of sports injury.
 - 1.2 Critically review mechanisms of injury in sport.
 - 1.3 Recognise and understand the implications of cardiac, head, spinal, visceral injuries and wounds sustained in sport.
 - 1.4 Critically review and evaluate the GSR`s role in relation to other personnel in responding to trauma.
 - 1.5 demonstrate knowledge and understanding of ethical, legal and professional issues within Inter-Professional teams
- 2
 - 2.1. Plan and implement risk assessment of the athlete and activities in the prevention of injury and critical incidents in a sports setting.
 - 2.2. Use knowledge to respond safely to the immediate management of critical incidents in the field of play.
 - 2.3 Analyse human factors theory and its implications for inter-Professional practice.
 - 2.4 Evaluate and determine appropriate management of traumatic injury in different age groups integrating best evidence with clinical practice.
- 3
 - 3.1. Reflect on and adapt communication skills and language appropriate to both the individual and in a variety of sporting environments.
 - 3.2 Critically reflect on legal and ethical aspects of working with different patient groups in the sporting context.
 - 3.3. Develop effective academic written and verbal skills through the undertaking of advanced literature searching, teaching skills and the use of information technology.
 - 3.4 Reflect on the impact that human factors can have upon your own professional practice.

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 1.1, 1.2, 1.3, 1.4, 1.5.2.4 3.2) Practical workshops will enable the student to enhance skill acquisition in sport trauma management (LO 2.1, 2.2,2.3). 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 3.1, 3.2, 3.3,3.4) 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 1.1,1.2,1.3,1.4, 2.4, 3.2,3.4) Assessment will address all learning outcomes.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Presentation	Oral examination based on a practical sporting environment scenario		100%	Yes

Legacy Code (if applicable)

HP-P507L

Reading List

To view Reading List, please go to [rebus:list](#).