

<b>Module Code:</b>	SIR602
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<b>Module Title:</b>	Clinical Reasoning
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<b>Level:</b>	6	<b>Credit Value:</b>	20
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<b>Cost Centre(s):</b>	GACM	<u>JACS3 code:</u>	C630
		<u>HECoS code:</u>	100475

<b>Faculty</b>	Social & Life Sciences	<b>Module Leader:</b>	Victoria O'Donnell
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Scheduled learning and teaching hours	24 hrs
Guided independent study	176 hrs
Placement	0 hrs
<b>Module duration (total hours)</b>	<b>200 hrs</b>

<b>Programme(s) in which to be offered (not including exit awards)</b>	Core	Option
BSc (Hons) Sports Injury Rehabilitation	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Pre-requisites</b>
None

**Office use only**

Initial approval: 14/02/2019

Version no: 1

With effect from: 23/09/2019

Date and details of revision: 05/05/20 – updated derogation

Version no: 2

## Module Aims

This module aims to enable students to bring together and consolidate the skills learned in previous modules and to gain further insight into the professional standards set by BASRaT. It aims to provide an introduction to the process of clinical reasoning and its application to a complex patient presentation.

## Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem-solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

### At the end of this module, students will be able to

### Key Skills

1	Demonstrate in-depth knowledge of the clinical anatomy, pathology and biomechanics and its application to the treatment and management of clients.	KS1	KS2
		KS3	KS6
		KS7	KS9
2	Explore the physiological and psychological factors that impact on physical activity participation.	KS1	KS2
		KS3	KS6
		KS7	KS9
3	Manage the presentation of a complex patient through the process of clinical reasoning.	KS1	KS2
		KS3	KS6
		KS7	KS9
4	Analyse the role of physical activity and exercise in both the prevention and rehabilitation of these conditions and the contexts in which this takes place.	KS1	KS2
		KS3	KS6
		KS7	KS9

### Transferable skills and other attributes

Data interpretation  
Communication  
First Aid Qualification  
Problem-solving  
Demonstrate group and teamwork  
Presentation skills  
Co-ordination skills  
Working with and relating to others  
Written communication  
Reflective practice  
Information technology

Self-awareness  
 Practical creativity  
 Opportunity awareness  
 Numeracy  
 Professional values  
 Interpersonal skills  
 Time management  
 Communication skills

**Derogations**

All elements of assessment must be passed at 40% or above.

Clinical Practice Examinations are set to establish student safety in their clinical skills and safeguard the public. Therefore, all clinical practice examinations will be conducted with 'public safety' as the priority; students demonstrating unsafe practice or breaching confidentiality will be stopped immediately. The examiner will stop the student and inform them the clinical examination will not continue and the student will be marked as 'not pass' or referral, following the University Academic Regulations.

**Assessment:**

Indicative Assessment Tasks:

OSCE including stations on the modules in Level 4,5 and 6.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration or Word count (or equivalent if appropriate)
1	1-4	OSCE	100%	45 mins

**Learning and Teaching Strategies:**

This module will be clinically based and will be taught through a combination of lead lectures and practical sessions. The practical sessions will provide the forum for group discussion and reflective practice.

Physical contact/appropriate touch will be expected within professional boundaries. Dignity and privacy will be maintained in line with sports rehabilitation practice. Religious beliefs or personal considerations should be discussed with the Programme Team.

**Syllabus outline:**

An introduction to the Health and Safety requirements of clinical practice including the requirement to report accidents, in line with current legislation.

A description of the need to complete risk assessments of activities in line with current legislation.

An introduction of the process of referral to allied healthcare providers for treatments beyond the scope of practice set out within the BASRaT Role Delineation and Code of Ethics.

A description of the BASRaT Role Delineation.

A description of the BASRaT Code of Ethics.

An introduction to the process of clinical reasoning and its application to complex patient presentation.

A description of the need for confidentiality, in line with current legislation and reference to the data protection act.

Clinical Reasoning

Scope of Practice

Introduction into complex condition

First Aid: Initial assessment and management, basic life support, advanced life support, airway management and ventilation, breathing and chest trauma, circulation and shock, head injuries and concussion, facial injuries in sports spinal injuries, musculoskeletal trauma, wound care, medical emergencies/equipment/gases and emergency action planning.

#### **Indicative Bibliography:**

##### **Essential reading**

Brukner, P. et al. (2016), *Brukner & Kahn's Clinical Sports Medicine: Vol 1 Injuries*. 5th ed. Australia: McGraw-Hill.

Jones, M.A. and Rivett, D.A. (2018), *Clinical Reasoning in Musculoskeletal Practice*. 2nd ed. London: Elsevier.

Joyce, D. and Lewindon, D. (2014), *Sports Injury Prevention and Rehabilitation*. Illinois: Human Kinetics.

Petty, N.J. and Ryder, D. (2017), *Musculoskeletal Examination and Assessment: A Handbook for Therapists*. 5th ed. Amsterdam: Elsevier.

##### **Other indicative reading**

Hengeveld, E. and Banks, K. (2013), *Maitland's Vertebral Manipulation: Management of Neuromusculoskeletal Disorders – Volume 1*. London: Elsevier.

Hengeveld, E. and Banks, K. (2013), *Maitland's Peripheral Manipulation: Management of Neuromusculoskeletal Disorders – Volume 2*. London: Elsevier.