

Module Specification

Module Summary Information

1	Module Title	Radiographic Image Interpretation for the Healthcare Professional
2	Module Credits	20
3	Module Level	7
4	Module Code	LBR7541

5	Module Overview
<p>Rationale</p> <p>This module aims to provide grounding in imaging interpretation (core imaging) for the wider healthcare sector, with a holistic approach to the patient. The module provides the necessary theoretical content to enable you to be able to interpret radiographic images. This module will support radiographers and other healthcare professionals who will be undertaking initial commenting in their imaging departments or as part of their role. Radiographers are expected to be able to assess image appearances and make a comment based on this interpretation. This offers an additional stage of interpretation for the patient and enhances the practice of the radiographer and healthcare professional. This level of interpretation offers an additional level of safety to the patient as their image will have been scrutinised prior to final reporting. This module will enhance the image interpretation skills of any healthcare professional who wishes to improve their ability to detect abnormalities on skeletal images. This module will improve image interpretation skills however it will not equip you with the skills to offer a legally binding report.</p> <p>Link to programme philosophy and aims</p> <p>This module will encourage students to assess the principles of evaluating radiographic anatomy and appearances. It will develop their ability to effect clinical services through informed participation for the benefit of the patient by ensuring effective patient management following imaging. The aim of this module is to foster a collaborative multidisciplinary approach to radiographic image interpretation. This will be created by the diversity of professionals undertaking the course as this course is not directed solely for radiographers but the wider healthcare sector. This module will encourage a more critical approach at image interpretation regardless of what specialty or discipline the student is currently within. The syllabus includes:</p> <ul style="list-style-type: none"> • Normal radiographic anatomy of the appendicular and axial skeleton • Abnormal radiographic anatomy of the appendicular and axial skeleton • Anatomy and physiology of the musculo-skeletal system • Appreciation of the acute chest and abdomen • Auditing of practice approaches <p>This Module will provide you with the opportunity to:</p> <ul style="list-style-type: none"> • Develop an understanding of applied anatomy and physiology of the human body. 	

- Apply a sound understanding of the anatomy, physiology and common pathology of the human body in a clinical setting.
- To further develop current clinical skills to encourage advancement of professions and patient centred care.
- To develop an awareness of the relative uses and limitations of radiographic imaging (core imaging).

To support the students through this module a mix of:

- Online support/discussion
- Taught key lectures
- Workshops
- Simulation
- Break-away groups
- Seminars
- Module team tutorials
- Interactive Ebooks

Employers will be seen as real partners in your learning and we are proud of the links we have with clinical partners, not only enhance your learning, but also to ensure you can apply your knowledge and thus succeed in your chosen career pathway. We will further develop your employability by developing a range of knowledge skills, behaviours and attributes which will enable you to be successful in employment.

The recognition of our qualifications on an international stage means your skills will be able to contribute to the healthcare of the global community. We have developed relationships with overseas institutions and welcome international students.

6 **Indicative Content**

The following is an example timetable of subjects taught on this module:

Anatomy and physiology of the Musculoskeletal system.

Lower Limb

(Lecture/group work)

Upper Limb and Shoulder

(Lecture/group work)

Spine

(Lecture/group work)

Skull and Face

(Lecture/group work)

Pelvis and Audit

(Lecture/group work)

Acute chest and Abdomen

(Lecture/group work)

7	Module Learning Outcomes On successful completion of the module, students will be able to:	
	1	To assess core imaging appearances of the skeleton and make informed clinical judgements.
	2	To appraise auditing tools that are used in current clinical practice.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1 and 2		X	

9	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	48	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	40	
Private Study (PS) includes preparation for exams	112	
Total Study Hours:	200	