

RADI90001 Radiology for Physiotherapists

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2014, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus. Lectures, workshops and tutorials
Time Commitment:	Contact Hours: To be advised Total Time Commitment: 36 hours of lectures, workshops presented in block mode over 1 week. Students are expected to undertake approximately 72 hours of self directed learning in this subject
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	None
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Subject Overview:	This subject builds on the student's knowledge in radiology, particularly as it applies to the neuro-musculo-skeletal system. The student will be able to explore normal and pathological findings as displayed by a variety of imaging modalities including x-ray, CT scans, MRI and US imaging. They will also have a better appreciation of when to use imaging, which imaging modality to use and when onward referral to another clinician may be more appropriate.
Learning Outcomes:	The subject aims to provide students with the ability to: <ul style="list-style-type: none"> # Compare and contrast imaging modalities available for the investigation of musculoskeletal problems. # Justify their choice of imaging modality for clinical problems commonly encountered in musculoskeletal physiotherapy clinical practice # Critically appraise the radiology literature and apply evidence-based knowledge about radiology investigations into clinical practice. # Analyse images to facilitate diagnosis of common musculoskeletal conditions, based on their imaging findings. # Better integrate radiology findings into clinical practice.
Assessment:	Written assignment 1 – 1500 words due Week 9 (20%) Written assignment 2 – 2000 words due Week 16 (25%) Case presentation (5 min) during the course week (5%) 1 hr multi-station written radiology exam (50%) (Week 10)
Prescribed Texts:	None

Recommended Texts:	ANDERSON, J, & READ, JW. (2008). Atlas Imaging in Sports Medicine. 2nd edn. McGraw Hill, Sydney
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	The subject aims to enable students to: <ul style="list-style-type: none"> # Further develop problem solving skills in clinical practice # Use advanced interdisciplinary communication skills # Evaluate and critique relevant medical literature # Develop reflective skills.
Links to further information:	http://www.physioth.unimelb.edu.au/programs/pgrad/index.html
Related Course(s):	Master of Physiotherapy