

RADI90001 Radiology for Physiotherapists

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| Credit Points: | 12.5 |
| Level: | 9 (Graduate/Postgraduate) |
| Dates & Locations: | 2015, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus. |
| Time Commitment: | Contact Hours: To be advised Total Time Commitment: 170 hours |
| 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 |

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| 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): | Doctor of Clinical Physiotherapy Master of Physiotherapy |