



CHIR8402

Diagnostic Imaging 2

Session 2, Weekday attendance, North Ryde 2020

Department of Chiropractic

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Disclaimer

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Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Unit Convenor

Hazel Jenkins

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17 Wally's Walk 347

By appointment

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Credit points

10

Prerequisites

CHIR8401 or CHIR916

Corequisites

Co-badged status

Unit description

This unit builds on the principles and concepts developed in CHIR8401. It further develops radiographic interpretation with a focus on the appropriate use of imaging in clinical practice. Increasing complexity of radiographic positioning of the spine and extremities is taught, with particular reference to clinical application. This unit forms part of a suite of units in radiographic science that leads to eligibility for licensure to own and operate x-ray equipment.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Synthesise radiographic and advanced imaging findings to aid diagnosis and inform patient management within chiropractic clinical practice.

ULO2: Execute a thorough assessment of the radiographic image and differentiate and describe abnormal radiographic appearances.

ULO3: Discuss indications for the appropriate use of imaging in chiropractic practice and critique ethical considerations related to imaging use

ULO4: Construct narrative radiographic reports as appropriate for use in clinical chiropractic practice.

ULO5: Implement and explain principles of radiography as applicable to chiropractic practice.

ULO6: Demonstrate the ability to modify radiographic technique appropriately for different clinical presentations.

General Assessment Information

TUTORIALS

Students are strongly encouraged to attend and actively participate in all tutorials in this unit.

Tutorials have been designed to align with learning outcomes and assessment tasks within this unit.

QUIZZES

Quizzes will be available through ilearn unless otherwise indicated.

It is expected that the academic integrity policy (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/academic-integrity>) be followed at all times. Breaches of the academic integrity policy may result in disciplinary procedures for the involved student.

All quizzes should be attempted. Quizzes will open each week on Wednesday at 10am and close the following Tuesday at 2pm (first quiz due week 2). Quizzes will not be reopened after they are closed for any reason. If submission is affected by technical difficulties, you can send your answers to the unit convener (hazel.jenkins@mq.edu.au) PRIOR to the closing time of the quiz for manual grading.

SLIDE EXAMS

The slide exams will be conducted in either a written or online format. Further details will be released during the semester.

If a slide exam is missed a supplementary exam will only be considered under the Special Consideration policy (<https://students.mq.edu.au/study/my-study-program/special-consideration>), applied for through www.ask.mq.edu.au within 5 days of the assessment.

Attendance at a slide exam declares that you are fit to sit the exam. Re-sitting of slide exams is not normally approved and will only be considered under the Special Consideration policy (<https://students.mq.edu.au/study/my-study-program/special-consideration>), applied for through www.ask.mq.edu.au within 5 days of the assessment. If a re-sit occurs, either a VIVA (oral) or written format may be used.

COMPETENCY AND SLIDE EXAMS

The competency assessments are a hurdle requirement. You must demonstrate competency in all competency assessments to pass the unit. If competency is not demonstrated (but a significant attempt is made) then one further opportunity to demonstrate competency will be given at the end of semester.

If a competency assessment is missed a supplementary exam will only be considered under the Special Consideration policy (<https://students.mq.edu.au/study/my-study-program/special-consideration>), applied for through www.ask.mq.edu.au within 5 days of the assessment.

Attendance at a competency declares that you are fit to sit the assessment. Re-sitting of competencies is not normally approved and will only be considered under the Special Consideration policy (<https://students.mq.edu.au/study/my-study-program/special-consideration>), applied for through www.ask.mq.edu.au within 5 days of the assessment. If a re-sit occurs, either a VIVA (oral) or written format may be used.

THEORY EXAMINATIONS

The University Examination period for Semester 2, 2020 is from November 9th to November 27th 2020.

The theory exam will be conducted in either a written or online format. Further details will be released during the semester.

You are expected to present yourself for examination at the time and place designated in the University Examination Timetable. The timetable will be available in Draft form approximately eight weeks before the commencement of the examinations and in Final form approximately four weeks before the commencement of the examinations.

You are advised that it is Macquarie University policy not to set early examinations for individuals or groups of students. You are expected to ensure that you are available until the end of the teaching semester that is the final day of the official examination period.

The only exception to not sitting an examination at the designated time is because of documented illness or unavoidable disruption. In these circumstances you may wish to consider applying for Special Consideration. Information about unavoidable disruption and the Special Consideration process is available at <https://students.mq.edu.au/study/my-study-program/special-consideration>, applied for through www.ask.mq.edu.au within 5 days of the disruption

If you receive [special consideration](#) for the final exam, a supplementary exam will be scheduled in the interval between the regular exam period and the start of the next session. By making a special consideration application for the final exam you are declaring yourself available for a resit during the supplementary examination period and will not be eligible for a second special consideration approval based on pre-existing commitments. Please ensure you are familiar with the [policy](#) prior to submitting an application. You can check the supplementary exam information page on FSE101 in iLearn (bit.ly/FSESupp) for dates, and approved applicants will receive an individual notification one week prior to the exam with the exact date and time of their supplementary examination. If you are approved for Special Consideration and granted a supplementary exam, only your supplementary exam result will be counted towards your final grade.

If you attend and complete an examination you are declaring that you are fit to sit that assessment and Special Consideration will not normally be granted.

Students with a pre-existing disability/health condition or prolonged adverse circumstances may be eligible for ongoing assistance and support. Such support is governed by other policies and may be sought and coordinated through Wellbeing services <https://students.mq.edu.au/support/wellbeing>.

Assessment Tasks

Name	Weighting	Hurdle	Due
Weekly quizzes	20%	No	Weekly Tuesday 2pm, starting week 2

Name	Weighting	Hurdle	Due
<u>Radiographic positioning competency assessment</u>	0%	Yes	In tutorial: Week 4, Week 8, Week 13
<u>Slide exam 1</u>	15%	No	Friday 4/9/20 (week 6) 8-10am
<u>Slide exam 2</u>	15%	No	Friday 30/10/20 (week 12) 8-10am
<u>Final theory exam</u>	50%	No	Final exam period

Weekly quizzes

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 5 hours

Due: **Weekly Tuesday 2pm, starting week 2**

Weighting: **20%**

On-line quizzes to be performed weekly. These will be available on ilearn. Quizzes may include multiple choice and short answer questions. All quizzes should be attempted.

On successful completion you will be able to:

- Synthesise radiographic and advanced imaging findings to aid diagnosis and inform patient management within chiropractic clinical practice.
- Execute a thorough assessment of the radiographic image and differentiate and describe abnormal radiographic appearances.
- Construct narrative radiographic reports as appropriate for use in clinical chiropractic practice.
- Implement and explain principles of radiography as applicable to chiropractic practice.

Radiographic positioning competency assessment

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 6 hours

Due: **In tutorial: Week 4, Week 8, Week 13**

Weighting: **0%**

This is a hurdle assessment task (see assessment policy for more information on hurdle assessment tasks)

Radiographic Positioning Competency Based Assessments performed during tutorial time. You must be marked as competent in all competencies to pass the unit. These competencies form part of your radiographic portfolio that will be continued in clinic.

On successful completion you will be able to:

- Implement and explain principles of radiography as applicable to chiropractic practice.
- Demonstrate the ability to modify radiographic technique appropriately for different clinical presentations.

Slide exam 1

Assessment Type **1**: Quiz/Test

Indicative Time on Task **2**: 6 hours

Due: **Friday 4/9/20 (week 6) 8-10am**

Weighting: **15%**

Radiographic Interpretation Slide Exam 1. All previous material from CHIR8401 is assumed knowledge.

On successful completion you will be able to:

- Synthesise radiographic and advanced imaging findings to aid diagnosis and inform patient management within chiropractic clinical practice.
- Execute a thorough assessment of the radiographic image and differentiate and describe abnormal radiographic appearances.

Slide exam 2

Assessment Type **1**: Quiz/Test

Indicative Time on Task **2**: 6 hours

Due: **Friday 30/10/20 (week 12) 8-10am**

Weighting: **15%**

Radiographic Interpretation Slide Exam 2. All previous material from CHIR8401 is assumed knowledge.

On successful completion you will be able to:

- Synthesise radiographic and advanced imaging findings to aid diagnosis and inform

patient management within chiropractic clinical practice.

- Execute a thorough assessment of the radiographic image and differentiate and describe abnormal radiographic appearances.
- Construct narrative radiographic reports as appropriate for use in clinical chiropractic practice.

Final theory exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 17 hours

Due: **Final exam period**

Weighting: **50%**

Radiographic interpretation and positioning theory exam

On successful completion you will be able to:

- Synthesise radiographic and advanced imaging findings to aid diagnosis and inform patient management within chiropractic clinical practice.
- Execute a thorough assessment of the radiographic image and differentiate and describe abnormal radiographic appearances.
- Discuss indications for the appropriate use of imaging in chiropractic practice and critique ethical considerations related to imaging use
- Construct narrative radiographic reports as appropriate for use in clinical chiropractic practice.
- Implement and explain principles of radiography as applicable to chiropractic practice.
- Demonstrate the ability to modify radiographic technique appropriately for different clinical presentations.

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Lecture and Tutorial Times:

Lecture 1: Wednesday 8-10am Online through Zoom - see ilearn for details

Lecture 2: Friday 8-10am Online through Zoom - see ilearn for details

Radiographic Positioning Tutorials (x1): Tuesday 2-3, 3-4, 4-5, 5-6, 6-7, 7-8pm E5A 340

Radiographic Interpretation Tutorials (x1): Tuesday 3-4, 4-5, 5-6, 6-7pm E5A 350 (RADLAB),
7-8pm Online through Zoom - see ilearn for details

Technology:

Audiovisual: all lectures will be recorded and available on ECHO

iLearn: all lecture, tutorial, assignment and on-going assessment material will be available. Due to the large number of pictures within these presentations download times can be slow

Resources:

Required Texts:

Yochum, T & Rowe, L; 2005; Essentials of Skeletal Radiology Vol I & II (3rd Ed); Lippincott, William & Wilkins; Baltimore

Required Manuals:

Radiographic Positioning Manual, 2020 (same manual as CHIR8401)

Radiographic Interpretation Tutorial Manual, 2020 (new manual for CHIR8402)

Both manuals are available to download from ilearn

Radiographic Library:

The radiographic library (RADLAB) houses over 1000 xrays and is available for your use on iShare. A link will be provided from your ilearn page.

iLearn:

iLearn will be used to post all information regarding the course. This includes all course materials and information about assessments.

Internet:

Google images is a great resource for sourcing specific xrays. There are many websites available with extensive xray libraries and this is also a valuable revision tool.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>)

al). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

Students seeking more policy resources can visit the [Student Policy Gateway](https://students.mq.edu.au/support/study/student-policy-gateway) (<https://students.mq.edu.au/support/study/student-policy-gateway>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

Changes from Previous Offering

Radiographic positioning content has been modified to follow the changes made to CHIR8401 due to the COVID19 situation