



CHIR322

Foundations of Clinical Practice

S2 Day 2019

Dept of Chiropractic

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Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff

Unit convenor

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Contact via email

17 Wally's Walk - 341

By appointment

Radiology lecturer

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Credit points

3

Prerequisites

CHIR315 and HLTH316

Corequisites

CHIR316 and HLTH317

Co-badged status

Unit description

This unit provides the student with foundations relevant for clinical practice. Students will be introduced to components of chiropractic clinical practice including: practice management, clinical information gathering and assessment (including history-taking and diagnostic imaging) and differential diagnosis. Further exploration of the relationship between health and disease will occur through the development of clinical problem solving skills crucial for chiropractors. An emphasis will be placed on the assessment of musculoskeletal conditions relevant to chiropractic practice and the recognition of conditions outside the scope of chiropractic care. The community engagement and practical components of this PACE unit will occur in the Macquarie University Chiropractic Outpatient Clinics. Students will experience elements of clinical information gathering, patient-practitioner and inter-practitioner interactions and the management of a modern chiropractic outpatient facility.

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:

Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience

Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics

As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy

Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software

Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties

Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral

Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

General Assessment Information

RADIOLOGY WORKBOOK

The radiology workbook includes weekly tasks (starting week 1) to complement your learning. This includes home activities, activities within tutorials and within clinic shifts. Each week's tasks are to be completed by Sunday at 11pm, when formative feedback will be provided. Activities in the workbook will be marked, and an overall passing grade (50% or higher) will be required to meet the hurdle component of this assessment. If you do not meet the hurdle requirement (score of 49% or below), a serious attempt will be indicated by an overall score between 40% and 49%. In this case a passing grade in a supplementary quiz will be required to meet the hurdle component. If you score less than 40% on the workbook, you will not meet the hurdle requirements and will result in a fail grade for the unit.

THEORY EXAMINATIONS

The University Examination period for Semester 2, 2019 is from 11 November to 29 November 2019.

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 15th to 26th July. 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 [Campus Wellbeing and Support Services](#).

Assessment Tasks

Name	Weighting	Hurdle	Due
Mid-Semester Exam	20%	No	Week 8
End-Semester Exam	50%	No	Examination period
Online Quizzes	10%	No	Weeks 4, 6, 9, 11, 13
PACE Reflective Journal	5%	No	Weekly
PACE Assignment	15%	No	Week 10

Name	Weighting	Hurdle	Due
PACE Clinic Shift	0%	Yes	Ongoing
Online Radiology Workbook	0%	Yes	Ongoing

Mid-Semester Exam

Due: **Week 8**

Weighting: **20%**

Mid-Semester closed book examination on materials Week 1-7

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

End-Semester Exam

Due: **Examination period**

Weighting: **50%**

End-Semester closed book examination on materials Weeks 1-13

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy

- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

Online Quizzes

Due: **Weeks 4, 6, 9, 11, 13**

Weighting: **10%**

5 online quizzes worth 2% each

These will include questions on both your understanding of conditions that commonly present to chiropractic clinics AND radiology.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
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PACE Reflective Journal

Due: **Weekly**

Weighting: **5%**

Reflective Journal contributions

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
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- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software
- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral

PACE Assignment

Due: **Week 10**

Weighting: **15%**

Written assignment

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
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- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

PACE Clinic Shift

Due: **Ongoing**

Weighting: **0%**

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

You **MUST** attend 11 PACE Clinic Shifts throughout the semester.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy
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- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

Online Radiology Workbook

Due: **Ongoing**

Weighting: **0%**

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

Online Radiology Workbook

On successful completion you will be able to:

- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

Delivery and Resources

FOUNDATIONS OF CLINICAL PRACTICE LECTURES

Lecture - Thursday 9am-11am 14SCO-T2

Tutorial - 1 2-hour tutorial per week (starting week 2)

COMPULSORY - PACE clinic shifts. You will attend your designated PACE clinic shift at one of the 3 University Teaching Clinics for 11 sessions.

RADIOLOGY LECTURES

The radiology lectures will be provided through online videos and powerpoint presentations available through ilearn. It is important that you watch these before attempting the workbook or attending tutorials.

The radiology workbook will be accessed through ilearn and is intended to form a resource for normal radiographic anatomy to reference in CHIR322 and in radiology units in the Master of Chiropractic.

Access to radiographic images will also be provided through your clinic shifts and through the radiographic library, links to which will be provided on ilearn.

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). 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.*)

Undergraduate 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 \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

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 improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

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.

Graduate Capabilities

Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

Learning outcome

- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties

Assessment tasks

- PACE Reflective Journal
- PACE Assignment
- PACE Clinic Shift

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to

handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

Learning outcomes

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
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- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software
- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral

Assessment tasks

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- End-Semester Exam
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Commitment to Continuous Learning

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

Learning outcomes

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
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Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

Learning outcomes

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on

history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics

- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy
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Assessment tasks

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Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcomes

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify

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Assessment tasks

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Problem Solving and Research Capability

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:

Learning outcomes

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
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Effective Communication

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Learning outcomes

- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Outpatient Clinics
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software
- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties
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Assessment tasks

- Mid-Semester Exam
- End-Semester Exam
- PACE Reflective Journal
- PACE Assignment

- PACE Clinic Shift
- Online Radiology Workbook

Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation's historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives: they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

This graduate capability is supported by:

Learning outcomes

- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral

Assessment tasks

- End-Semester Exam
- PACE Reflective Journal
- PACE Assignment
- PACE Clinic Shift

Socially and Environmentally Active and Responsible

We want our graduates to be aware of and have respect for self and others; to be able to work with others as a leader and a team player; to have a sense of connectedness with others and country; and to have a sense of mutual obligation. Our graduates should be informed and active participants in moving society towards sustainability.

This graduate capability is supported by:

Learning outcomes

- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral

Assessment tasks

- PACE Reflective Journal
- PACE Assignment

- PACE Clinic Shift

Changes since First Published

Date	Description
28/07/2019	Added Radiology Workbook