



CHIR892

Clinical Chiropractic 2

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

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Credit points

4

Prerequisites

CHIR891

Corequisites

Co-badged status

Unit description

This unit provides advanced coverage of chiropractic technique including spinal and peripheral joint manipulative procedures. The unit covers one technique in detail; Diversified. CHIR892 introduces two new techniques; Terminal Point technique, and Flexion Distraction therapy. By the completion of this unit students will be well grounded in a range of spinal manipulative procedures. Major themes relating to evidence-based practice (EBP) continue to be developed.

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:

The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.

The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.

The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.

Understanding of spinal and peripheral joint - normal and pathological biomechanics.

Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

General Assessment Information

Passing the unit

To pass CHIR892, students need to satisfy **ALL** of the following:

1. Attain a total raw score of at least 27.5/55 for the technique components (2 x FoCA + OSCE) HURDLE requirement
2. Submit BOTH formative video assignments
3. Achieve an overall passing grade. The final passing grade is 50%
4. Tutorial attendance of ≥85%.

Serious attempt: If a student gains between 40-49% for the **final practical examination (OSCE)**, the effort will be deemed a "serious attempt". In this case, the student will be offered a second chance supplementary final practical exam which will be used in calculation of the final passing grade. The original unit passing criteria will then apply.

If you are given a second chance supplementary final practical exam the maximum mark you will be awarded for that task is a pass (50%).

Assessment Tasks

Name	Weighting	Hurdle	Due
Video - Peer appraisal of adj	0%	No	Rolling
Written Assignment	10%	No	Friday Week 6 (6/9/19)
FoCA x2	15%	No	D (10/9/19), TPT/FD (7/10/19)
OSCEs	40%	Yes	Week 13
End of semester written exam	35%	No	University Examination Period
Tutorial attendance	0%	No	Ongoing

Video - Peer appraisal of adj

Due: **Rolling**

Weighting: **0%**

Video Assignment (1x Div, 1xTPT/FD - tutor discession) Nb. Both assignments must be submitted to satisfy unit requirements.

On successful completion you will be able to:

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".
- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

Written Assignment

Due: **Friday Week 6 (6/9/19)**

Weighting: **10%**

Chiropractic Identity within Primary Health Care (part of the Research skills development stream)

On successful completion you will be able to:

- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

FoCA x2

Due: **D (10/9/19), TPT/FD (7/10/19)**

Weighting: **15%**

Feedback on Chiropractic Assessment

Diversified 7.5% (Week 7 Tuesday)

TPT/FD 7.5% (Week 9 Monday)

On successful completion you will be able to:

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Become proficient in research skills at the level of open inquiry within structured

guidelines as part of a research skills development (RSD) progression

OSCEs

Due: **Week 13**

Weighting: **40%**

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

Week 13

TPT/FD OSCE on Monday

Diversified OSCE on Tuesday

On successful completion you will be able to:

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

End of semester written exam

Due: **University Examination Period**

Weighting: **35%**

-

On successful completion you will be able to:

- Understanding of spinal and peripheral joint - normal and pathological biomechanics.
- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

Tutorial attendance

Due: **Ongoing**

Weighting: **0%**

You are expected to attend at least 85% of the tutorials

On successful completion you will be able to:

- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Understanding of spinal and peripheral joint - normal and pathological biomechanics.
- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".
- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

Delivery and Resources

Classes

- The timetable for classes can be found on the University web site at:
<http://www.timetables.mq.edu.au/>
- Tutorials teaching begins on Monday of week 1.

Required and Recommended Texts and/or Materials

TEXT

- Esposito & Philipson, Manual of Spinal Technique, - 1st Ed. March 2005, OR
- Esposito & Philipson, Manual of Spinal Technique - Printed EXERPT available from the Coop Bookshop
- Oatis. Kinesiology "Kinesiology The Mechanics and Pathomechanics of Human Movement," 2nd edition 2008, Lippincott, Williams and Wilkins

UNIT READER

- Terminal Point Technique Flexion Distraction Technique Manual. Compiled by Chi Fung, Phillip Gregory, Vincent So. 2017. available from iLearn.

RECOMMENDED READING

- Bergmann & Peterson: Chiropractic technique, principles and procedures 3rd Ed. 2011, Mosby
- Sackett & Straus, et al. Evidence-based Medicine: how to practice and teach EBM. Churchill Livingstone.
- Specific week-week resources available as links via iLearn

Teaching and Learning Strategy

- This unit is comprised of lectures and technique tutorials. There will also be some self directed learning within the course
- There is an assignment comprising 10% of the unit mark. This will be submitted through iLearn and be processed through plagiarism checking software.
- There are two video assignments that are formative assessment and do not contribute to the marks in the unit.
- The unit is an internal offering.
- Students are expected to attend lectures and tutorials (tutorial minimum attendance 85%)
- iLearn is not a substitute for lecture attendance. Complex concepts are discussed as a group within the lecture format.

What has changed?

The video assignment task has been developed into a peer appraisal task. The Hurdle "Serious attempt" criteria for the final OSCE has been added to the passing assessment information since 2016.

Unit Schedule

Refer to CHIR892 iLearn 2019 for unit schedule

Learning and Teaching Activities

Lecture

Lecture/class discussion

Tutorial

Demonstration/tutorial

FoCA

Feedback on Chiropractic Assessment

Theory Assessment

End of semester exam

OSCE

End of semester practicum

Video Assignment

Assignment

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

Final theory examination process notes

Students are expected to present 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.

The only exception to not sitting an examination at the designated time is because of documented *illness or unavoidable disruption*. In these circumstances the student may wish to consider applying for *Special Consideration*. Information about unavoidable disruption and the special consideration process is available at **Policy Central**: <http://www.mq.edu.au/policy/>

If a Supplementary Examination is granted as a result of the *Special Consideration* process, the examination will be scheduled after the conclusion of the official examination period. The supplementary examination need not conform to the regular examination format. For example it may be an oral (viva) examination rather than a written examination. It is the responsibility of the student to contact the Unit convenor or the Faculty Centre for the Supplementary exam dates.

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

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

PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

Learning outcomes

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

Assessment task

- Tutorial attendance

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Understanding of spinal and peripheral joint - normal and pathological biomechanics.

- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

Assessment tasks

- Video - Peer appraisal of adj
- Written Assignment
- FoCA x2
- OSCEs
- End of semester written exam
- Tutorial attendance

Learning and teaching activities

- Lecture/class discussion
- Demonstration/tutorial
- Feedback on Chiropractic Assessment
- End of semester exam
- End of semester practicum
- Assignment

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

Learning outcomes

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Understanding of spinal and peripheral joint - normal and pathological biomechanics.
- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".

- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

Assessment tasks

- Written Assignment
- FoCA x2
- OSCEs
- End of semester written exam

Learning and teaching activities

- Lecture/class discussion
- Demonstration/tutorial
- End of semester exam
- End of semester practicum

PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

Learning outcomes

- Understanding of spinal and peripheral joint - normal and pathological biomechanics.
- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".
- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

Assessment tasks

- Written Assignment
- End of semester written exam

Learning and teaching activities

- Lecture/class discussion
- End of semester exam

PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically

supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

Learning outcomes

- The ability to perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills.
- The ability to control adjustment/mobilization procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- The ability to perform advanced static and motion palpation of spinal and peripheral joint systems.
- Understanding of spinal and peripheral joint - normal and pathological biomechanics.

Assessment tasks

- Video - Peer appraisal of adj
- FoCA x2
- OSCEs
- Tutorial attendance

Learning and teaching activities

- Demonstration/tutorial
- Feedback on Chiropractic Assessment
- End of semester practicum
- Assignment

PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

Learning outcomes

- Have the ability to assess and treat a variety of basic musculo-skeletal complaints at the proficiency of "clinician".
- Become proficient in research skills at the level of open inquiry within structured guidelines as part of a research skills development (RSD) progression

Assessment task

- Tutorial attendance

Learning and teaching activity

- Demonstration/tutorial

Disruption to Study Policy

Serious and unavoidable disruption: The University classifies a disruption as **serious and unavoidable** if it:

1. could not have reasonably been anticipated, avoided or guarded against by the student; and
2. was beyond the student's control; and
3. caused substantial disruption to the student's capacity for effective study and/or completion of required work; and
4. occurred during an event critical study period and was at least three (3) consecutive days duration, and/or
5. prevented completion of a final examination.

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.

If a supplementary examination is granted as a result of the disruption to studies process the examination will be scheduled after the conclusion of the official examination period. (Individual Faculties may wish to signal when the Faculty Supplementary exams are normally scheduled.)

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.

If you are granted a supplementary exam via the Special Consideration process, you will have to write a supplementary exam in the supplementary exam period. In this scenario, only your supplementary exam mark will count towards your final exam mark, irrespective of whether or not you attended the final exam in the normal examination period. The submission of a Special Consideration application should not be used as a 'just in case' strategy.