



# CHIR3105

## Chiropractic Science 5

Session 1, Weekday attendance, North Ryde 2020

*Department of Chiropractic*

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## General Information

Unit convenor and teaching staff

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Credit points

10

Prerequisites

Admission to BChiroSc and (CHIR2103 or CHIR213) and (CHIR2104 or CHIR214)

Corequisites

Co-badged status

Unit description

This unit is an introduction to chiropractic spinal technique and extends palpation from the technique units at 100 and 200 level. It further develops psychomotor skill acquisition from previous units. Students gain proficiency in a core group of spinal and peripheral joint manipulative techniques. The hypotheses and scientific rationale relating to chiropractic intervention is explored. Biomechanical function of the spine is explored in detail. Major themes relating to evidence-based practice (EBP) are explored.

## 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:** Demonstrate an understanding of spinal and peripheral joint mechanics

**ULO2:** Perform basic static and motion palpation of spinal joints

**ULO3:** Perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills

**ULO4:** Control adjustment/mobilisation procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive

**ULO5:** Demonstrate Research skills at the level of closed inquiry within structured guidelines as part of a research skills development (RSD) progression

## Assessment Tasks

### Coronavirus (COVID-19) Update

Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.

Students should consult [iLearn](#) for revised unit information.

[Find out more about the Coronavirus \(COVID-19\) and potential impacts on staff and students](#)

## General Assessment Information

### Competency based assessment

In higher education, assessments must be able to recognise various levels of competencies in order to encourage students to become not only competent, but progress onto developing expertise. A key component of effective assessment in competency-based education is for assessments to be criterion-based using a developmental perspective. Defining the criteria in developmental terms, commonly called milestones or benchmarks, allows programs to determine whether the trainee is on an appropriate 'trajectory'. Milestones provide specific guidance on trainee progress throughout the continuum of their training program. CHIR3105 practical examinations are competency based.

*For a more information see: ["Competency-based Assessment, Macquarie University"](#)*

### Passing the unit

There are 2 components to this unit:

- 1) Chiropractic technique
- 2) Chiropractic theory

### Hurdle Requirements and Serious Attempt Defined

A hurdle is a passing requirement for the unit. A serious attempt is the threshold when a second chance will be provided as an opportunity to meet the hurdle requirement.

**Hurdle 1): Chiropractic OSCE.** The student must obtain 50% of the available marks.

- Serious attempt: defined as gaining 40-49% of the chiropractic OSCE
- Second chance: a supplementary final chiropractic OSCE

*Second-chance hurdle examinations will be offered during the FSE supplementary examination*

*period. You will be notified shortly after that date of your eligibility for a hurdle retry and you must make yourself available during that week to take advantage of this opportunity.*

## Serious and unavoidable disruption

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

- could not have reasonably been anticipated, avoided or guarded against by the student; and
- was beyond the student's control; and
- caused substantial disruption to the student's capacity for effective study and/or completion of required work; and
- occurred during an event critical study period and was at least three (3) consecutive days duration, and/or
- 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 <https://students.mq.edu.au/support/wellbeing>

## Examinations

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.

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 submit an application for 'Special consideration' <https://students.mq.edu.au/study/my-study-program/special-consideration>

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.

## Extensions and penalties

Extensions to assignments are at the discretion of the unit convenor. It is the responsibility of the student to prove to the convenor that there has been an unavoidable disruption. Please submit a

'Special consideration' and request an extension. The online form will ask you to provide evidence of the disruption.

Marks will be deducted for late submissions in the absence of an approved extension. Marks will be deducted at the rate of 10% of the available marks per day.

## Grading descriptors

**High Distinction** : provides consistent evidence of deep and critical understanding in relation to the learning outcomes. There is substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem-solving approaches; critical evaluation of problems, their solutions and their implications; creativity in application.

**Distinction**: provides evidence of integration and evaluation of critical ideas, principles and theories, distinctive insight and ability in applying relevant skills and concepts in relation to learning outcomes. There is a demonstration of frequent originality in defining and analysing issues or problems and providing solutions; and the use of means of communication appropriate to the discipline and the audience.

**Credit** : provides evidence of learning that goes beyond replication of content knowledge or skills relevant to the learning outcomes. There is demonstration of substantial understanding of fundamental concepts in the field of study and the ability to apply these concepts in a variety of contexts; plus communication of ideas fluently and clearly in terms of the conventions of the discipline.

**Pass**: provides sufficient evidence of the achievement of learning outcomes. There is demonstration of understanding and application of fundamental concepts of the field of study; and communication of information and ideas adequately in terms of the conventions of the discipline. The learning attainment is considered satisfactory or adequate or competent or capable in relation to the specified outcomes.

**Fail**: does not provide evidence of attainment of all learning outcomes. There is missing or partial or superficial or faulty understanding and application of the fundamental concepts in the field of study; and incomplete, confusing or lacking communication of ideas in ways that give little attention to the conventions of the discipline.

GRADE	REQUIREMENTS
Pass	A minimum of 50% in each of unit component AND a minimum 50% aggregate raw mark.
Credit	A minimum of 50% in each of unit component AND a minimum 65% aggregate raw mark.
Distinction	A minimum of 50% in each of unit component AND a minimum 75% aggregate raw mark.

**High Distinction**

A minimum of 50% in each of unit component AND a minimum 85% aggregate raw mark

## Delivery and Resources

### Coronavirus (COVID-19) Update

Any references to on-campus delivery below may no longer be relevant due to COVID-19.

Please check here for updated delivery information: [https://ask.mq.edu.au/account/pub/display/unit\\_status](https://ask.mq.edu.au/account/pub/display/unit_status)

## Classes

- The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>
- Tutorials begin on **Wednesday of week 2**.
- Tutorial attendance/participation is required and will be factored in to the final grade

## Required and Recommended Texts and/or Materials

### TEXT

- Esposito & Philipson, Manual of Spinal Technique - Printed EXCERPT will available via the University Bookshop
- Oatis. Kinesiology “Kinesiology The Mechanics and Pathomechanics of Human Movement,” 3rd edition. ISBN: 9781451191561
- Manual of Peripheral Technique, Department of Chiropractic, Macquarie University - online adjustment compilation available via iLearn download

### RECOMMENDED READING

- Bergmann & Peterson: Chiropractic technique, principles and procedures 3rd Ed. ISBN : 9780323049696
- Specific week-week resources available as links via iLearn

## Teaching and Learning Strategy / technology required

- This unit is comprised of lectures and technique tutorials. There will also be some self directed learning within the course.
- The assignment contributes 10% of the overall mark.
- 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.
- The assignment will be submitted via Turnitin
- The online quizzes will be accessed via iLearn

## Unit Schedule

### Coronavirus (COVID-19) Update

The unit schedule/topics and any references to on-campus delivery below may no longer be relevant due to COVID-19. Please consult [iLearn](#) for latest details, and check here for updated delivery information: [https://ask.mq.edu.au/account/pub/display/unit\\_status](https://ask.mq.edu.au/account/pub/display/unit_status)

See iLearn page for week-week schedule

## 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.*)

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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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](http://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](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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.