



CHIR6110

Chiropractic A

Session 1, Weekday attendance, North Ryde 2021

Department 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.

Notice

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

To check the availability of face-to-face 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

Christopher Agius

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Unit convenor

Irina Dedova

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Credit points

20

Prerequisites

Admission to MChiroprac

Corequisites

Co-badged status

Unit description

This unit introduces the student to the history and science of chiropractic. It includes basic psychomotor skills such as peripheral and spinal motion palpation, muscle assessment, soft tissue techniques as well as lower limb joint mobilisation and manipulation techniques. The unit covers a 'core' group of techniques and aims at proficiency of this core. It also includes an understanding of the basic laws of physics as they apply to the biomechanics of joint movement as well as an introduction to research methodology.

Important Academic Dates

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

Learning Outcomes

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

ULO1: Perform peripheral adjustments and/or mobilisations with a basic level of psychomotor skills associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.

ULO2: Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.

ULO3: Perform basic static and motion palpation on all peripheral joints in the body.

ULO4: Demonstrate an understanding of peripheral and spinal joint mechanics and apply this knowledge to normal and pathological joint function.

ULO5: Identify major anatomical features of the musculoskeletal system and demonstrate an in depth understanding through the application of this knowledge to clinical cases.

ULO6: Demonstrate an understanding through effective engagement in discussions around the history and development of chiropractic theories.

Assessment Tasks

| Name | Weighting | Hurdle | Due |
|--|-----------|--------|------------------------------------|
| <u>End of semester written examination</u> | 35% | No | End of semester examination period |
| <u>Anatomy Spot test</u> | 10% | No | Week 12 |
| <u>Biomechanics quizzes</u> | 10% | No | Weeks 4, 6, 8, 10 & 12 |
| <u>Mid-semester Anatomy Spot Test</u> | 5% | No | Week 7 |
| <u>Technique Spot Test</u> | 40% | Yes | Weeks 4, 8 & 13 |

End of semester written examination

Assessment Type ¹: Examination

Indicative Time on Task ²: 9 hours

Due: **End of semester examination period**

Weighting: **35%**

The end of semester written examination covers material from all parts of the lecture series including Technique, Biomechanics and Anatomy.

On successful completion you will be able to:

- Demonstrate an understanding of peripheral and spinal joint mechanics and apply this knowledge to normal and pathological joint function.
- Identify major anatomical features of the musculoskeletal system and demonstrate an in depth understanding through the application of this knowledge to clinical cases.
- Demonstrate an understanding through effective engagement in discussions around the

history and development of chiropractic theories.

Anatomy Spot test

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 10 hours

Due: **Week 12**

Weighting: **10%**

In-lab test

On successful completion you will be able to:

- Identify major anatomical features of the musculoskeletal system and demonstrate an in depth understanding through the application of this knowledge to clinical cases.

Biomechanics quizzes

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 8 hours

Due: **Weeks 4, 6, 8, 10 & 12**

Weighting: **10%**

5 online biomechanics quizzes

On successful completion you will be able to:

- Demonstrate an understanding of peripheral and spinal joint mechanics and apply this knowledge to normal and pathological joint function.

Mid-semester Anatomy Spot Test

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 3 hours

Due: **Week 7**

Weighting: **5%**

In-lab mid-semester test

On successful completion you will be able to:

- Identify major anatomical features of the musculoskeletal system and demonstrate an in depth understanding through the application of this knowledge to clinical cases.

Technique Spot Test

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 13 hours

Due: **Weeks 4, 8 & 13**

Weighting: **40%**

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

3 Technique practical tests

On successful completion you will be able to:

- Perform peripheral adjustments and/or mobilisations with a basic level of psychomotor skills associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Perform basic static and motion palpation on all peripheral joints in the body.

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 [Learning Skills Unit](#) 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

CLASSES

- Number and length of classes per week:
 - 2 x 2 hour lectures
 - 3 x 2 hour tutorials
 - 1 x 2 hour practical

- The timetable for classes can be found on the University web site at: <https://timetables.mq.edu.au/2020/>
- **Tutorial attendance/participation is required and will be factored into the final grade.**
- Participation in practical anatomy classes is a hurdle requirement for this unit. It is a condition of passing the unit that students must actively participate in a minimum of 80% of the practical classes for the semester.

Required and Recommended texts and/or materials

TEXT

- Oatis CA. The Mechanics and Pathomechanics of Human Movement. 2nd ed. Lippincott Williams & Wilkins. 2009.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). 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](#)

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

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/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 Enquiry Service

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

Equity 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.

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 since First Published

| Date | Description |
|------------|--|
| 10/02/2021 | Change of unit convener and adding of teaching staff |