



CHIR6111

Chiropractic B

Session 2, Weekday attendance, North Ryde 2020

Department of Chiropractic

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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

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Credit points

20

Prerequisites

CHIR6110 or CHIR602

Corequisites

Co-badged status

Unit description

This unit develops the material covered in CHIR6110. It covers spinal manipulation techniques for the cervical, thoracic and lumbo-pelvic regions and upper and lower limb peripheral manipulation techniques. The unit covers a 'core' group of techniques and aims at proficiency of this core. The unit further develops the student's knowledge of research methodology and anatomy.

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: Perform a basic set of spinal and a full set of peripheral adjustments and/or mobilisations with a level of psychomotor skill that is appropriate for 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 spinal and peripheral joints in the body.

ULO4: Demonstrate an understanding of peripheral and spinal joint mechanics.

ULO5: Demonstrate a thorough knowledge of human neuroanatomy.

ULO6: Demonstrate a basic knowledge of the functional anatomy of the human body including: the biomechanical effects of an adjustment or mobilisation and the indications for their use; structural analysis as it relates to posture and dysfunction; and motion palpation as it relates to spinal and peripheral joints.

ULO7: Demonstrate an understanding of the basic tenants underpinning modern scientific research

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Video technique assignments</u>	10%	No	Weeks 4, 6 & 10
<u>Technique Spot test</u>	10%	No	Week 8
<u>Neuroanatomy mid-semester assessment</u>	5%	No	Week 7
<u>Technique OSCE</u>	20%	Yes	Week 13
<u>Neuroanatomy OSCE</u>	15%	Yes	Week 13
<u>End of semester examination</u>	30%	No	Examination period
<u>Research Assignment</u>	10%	No	Week 9

Video technique assignments

Assessment Type ¹: Practice-based task

Indicative Time on Task ²: 8 hours

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

Weighting: **10%**

Video performance of manipulation techniques

On successful completion you will be able to:

- Perform a basic set of spinal and a full set of peripheral adjustments and/or mobilisations with a level of psychomotor skill that is appropriate for these procedures i.e. tactile/palpatoary 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.
- Demonstrate a basic knowledge of the functional anatomy of the human body including: the biomechanical effects of an adjustment or mobilisation and the indications for their use; structural analysis as it relates to posture and dysfunction; and motion palpation as it relates to spinal and peripheral joints.

Technique Spot test

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 8 hours

Due: **Week 8**

Weighting: **10%**

Mid-semester technique practical assessment

On successful completion you will be able to:

- Perform a basic set of spinal and a full set of peripheral adjustments and/or mobilisations with a level of psychomotor skill that is appropriate for these procedures i.e. tactile/palpatoary 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 spinal and peripheral joints in the body.
- Demonstrate a basic knowledge of the functional anatomy of the human body including: the biomechanical effects of an adjustment or mobilisation and the indications for their use; structural analysis as it relates to posture and dysfunction; and motion palpation as it relates to spinal and peripheral joints.

Neuroanatomy mid-semester assessment

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 3 hours

Due: **Week 7**

Weighting: **5%**

Neuroanatomy mid-semester practical assessment

On successful completion you will be able to:

- Demonstrate a thorough knowledge of human neuroanatomy.

Technique OSCE

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 16 hours

Due: **Week 13**

Weighting: **20%**

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

Week 13 Technique practical assessment

On successful completion you will be able to:

- Perform a basic set of spinal and a full set of peripheral adjustments and/or mobilisations with a level of psychomotor skill that is appropriate for 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 spinal and peripheral joints in the body.
- Demonstrate a basic knowledge of the functional anatomy of the human body including: the biomechanical effects of an adjustment or mobilisation and the indications for their use; structural analysis as it relates to posture and dysfunction; and motion palpation as it relates to spinal and peripheral joints.

Neuroanatomy OSCE

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 10 hours

Due: **Week 13**

Weighting: **15%**

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

Neuroanatomy Week 13 practical assessment

On successful completion you will be able to:

- Demonstrate a thorough knowledge of human neuroanatomy.

End of semester examination

Assessment Type ¹: Examination

Indicative Time on Task ²: 24 hours

Due: **Examination period**

Weighting: **30%**

End of semester written examination

On successful completion you will be able to:

- Demonstrate an understanding of peripheral and spinal joint mechanics.
- Demonstrate a thorough knowledge of human neuroanatomy.
- Demonstrate a basic knowledge of the functional anatomy of the human body including: the biomechanical effects of an adjustment or mobilisation and the indications for their use; structural analysis as it relates to posture and dysfunction; and motion palpation as it relates to spinal and peripheral joints.
- Demonstrate an understanding of the basic tenants underpinning modern scientific research

Research Assignment

Assessment Type ¹: Presentation

Indicative Time on Task ²: 8 hours

Due: **Week 9**

Weighting: **10%**

On campus presentation of research assignment

On successful completion you will be able to:

- Demonstrate an understanding of the basic tenants underpinning modern scientific research

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

The unit is delivered in the on-campus mode only.

All tutorials are delivered face-to-face with all lectures delivered online.

Lecture and tutorial times

Lecture 1 (neuroscience): Monday 9-11 am online through Zoom - see iLearn for details

Lecture 2 (research methods): Thursday 8-10 am online through Zoom - see iLearn for details

Lecture 3 (technique): Friday 9-11 am online through Zoom - see iLearn for details

Technique tutorial 1: Monday 3-5 pm E5A 330

Technique tutorial 2: Wednesday 1.30-3.30, 3.30-5.30 pm E5A 310

Technique tutorial 3: Friday 11-1 pm E5A 330

Neuroscience tutorial 4: Friday 1-3 pm, 3-5 pm E5A 340

Technology

All lectures will be recorded and available on ECHO

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.m) (<https://staff.m>)

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](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.