CHIR6111

Chiropractic B

Session 2, Special circumstances, North Ryde 2021

Department of Chiropractic

Contents

Session 2 Learning and Teaching Update

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of units with mandatory on-campus classes/teaching activities.

Visit the MQ COVID-19 information page for more detail.

General Information

Unit convenor and teaching staff
Christopher Agius
christopher.agius@mq.edu.au

Irina Dedova
irina.dedova@mq.edu.au

Credit points
20

Prerequisites
CHIR6110 or CHIR602

Corequisites

Co-badged status

Unit description
This unit develops the material covered in the preceding unit. 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 the develop a student's proficiency in these techniques. The unit further develops the student's knowledge of research methodology and neuroanatomy.

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 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

General Assessment Information

The neuroanatomy assessment

Neuroanatomy mid-session test

Assessment Type: Quiz/Test

Indicative Time on Task: 6 hours

Due: Week 7

Weighting: 10%

Neuroanatomy OSCE

Assessment Type: Quiz/Test

Indicative Time on Task: 16 hours

Due: Week 12

Weighting: 20%

This is a hurdle assessment task

The neuroanatomy is examined in TWO quizzes/tests, both of which address the ULO5. Both tests are conducted during the semester and contribute a total of 30% towards the final mark for the unit. The first neuroanatomy test is the Mid-session test conducted typically in the middle of the semester, typically in Week 6 or 7. It assesses the practical neuroanatomy content (and can include some relevant theory questions) studied in the first five-six weeks of the semester, and its value is 10%. Suggested preparation time is 6 hours. This is an individual assessment. The second neuroanatomy test is the Neuroanatomy OSCE (Objective Structured Clinical Exam). It assesses the practical content of the second half of the semester, and the theory content for the entire semester. Its value is 20%. Suggested preparation time is 16 hours. It is conducted at the end of the semester, typically in Week 12 or 13. The Neuroanatomy OSCE is a hurdle, which requires students achieving at least 50% in order to pass the unit. A re-sit of the hurdle requirement may be granted based on the performance with a maximum of 50% awarded for satisfactory performance. Written feedback will be provided to the cohort, and students will have

an opportunity to discuss their individual performance with the convenor. Supplementary assessment for both neuroanatomy tests typically is offered during the supplementary examination period (subject to approved special consideration and availability of the Anatomy Laboratory).

Where applicable, *late submissions will receive a 5% per day penalty including weekends and public holidays. If you submit the assessment task 10 days or more beyond the due date, without an approved extension, you will be awarded a maximum of 50% of the overall assessment marks.*

The Technique Assessment

Technique OSCE

Assessment Type: Skills Test

Due: Week 12

Weighting: 20%

This is a hurdle assessment task

Assessment Tasks

Name	Weighting	Hurdle	Due
Neuroanatomy mid-session assessment	10%	No	Week 6
Neuroanatomy OSCE	20%	Yes	Week 12
Video technique assignments	10%	No	Weeks 4/7/10
Technique Spot test	10%	No	Week 8
Technique OSCE	20%	Yes	Week 13
Research Assignment	10%	No	Week 10
End of semester examination	20%	No	Exam Period

Neuroanatomy mid-session assessment

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 6 hours
Due: **Week 6**
Weighting: **10%**

Neuroanatomy mid-session test which assesses practical content

On successful completion you will be able to:

- Demonstrate a thorough knowledge of human neuroanatomy.

Neuroanatomy OSCE

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 16 hours
Due: **Week 12**
Weighting: **20%**
This is a hurdle assessment task (see assessment policy for more information on hurdle assessment tasks)

Neuroanatomy Objective Structured Clinical Exam (OSCE)

On successful completion you will be able to:

- Demonstrate a thorough knowledge of human neuroanatomy.

Video technique assignments

Assessment Type [1]: Practice-based task
Indicative Time on Task [2]: 8 hours
Due: **Weeks 4/7/10**
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/ 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.
- 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]: Clinical performance evaluation
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/ 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.

Technique OSCE

Assessment Type [1]: Clinical performance evaluation
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)

Technique OSCE 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.

Research Assignment

Assessment Type [1]: Presentation
Indicative Time on Task [2]: 8 hours
Due: **Week 10**
Weighting: **10%**

Presentation of research assignment

On successful completion you will be able to:
- Demonstrate an understanding of the basic tenants underpinning modern scientific research

End of semester examination

Assessment Type [1]: Examination
Indicative Time on Task [2]: 16 hours
Due: **Exam Period**
Weighting: **20%**

End of semester written examination

On successful completion you will be able to:
- Demonstrate an understanding of peripheral and spinal joint mechanics.
- 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

---

[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

This unit involves some essential on-campus learning activities which will be delivered in accordance with a COVID Safe plan. You will be expected to attend relevant on-campus activities unless the Public Health Order and/or University advice changes.

Neuroanatomy content:

- Lectures (3h/week) will be co-delivered with ANAT2004 (Neuroanatomy), and the slides and recordings will be available via iLearn ECHO.
- Tutorials (2h/week) will be conducted in the Anatomy Wet Laboratory, unless advised otherwise. The Neuronatomy Manual will be provided in iLearn.

Technique Content

- Lectures (2 - 2h/week)
- Tutorials (3 - 2h/week)

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (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). 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) 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 from Previous Offering

The neuroanatomy assessment structure was simplified. In the past, the 30% of the neuroanatomy mark was distributed between three separate assessments (the Mid-semester test, the OSCE-hurdle at the end of semester and the End-of-semester Exam). This year, the neuroanatomy content is no longer included in the End-of-semester Exam. Instead, two assessments: the Mid-semester test (examines the practical component of the first part of the semester; 10%) and the Neuroanatomy OSCE (examines the practical component of the second half of the semester and the theory of the entire semester; 20%, is a hurdle requirement) are introduced. This will reduce pressure from the End-of-semester Exam, and it remove a duplication in the neuroanatomy assessment structure.

Changes since First Published

Date	Description
12/07/2021	Updated COVID delivery information