CHIR6110

Chiropractic A

Session 1, Weekday attendance, North Ryde 2021

Department of Chiropractic

Contents

General Information 2

Learning Outcomes 2

Assessment Tasks 3

Delivery and Resources 5

Policies and Procedures 6

Changes since First Published 7

Disclaimer

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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 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://www.mq.edu.au/study/calendar-of-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
End of semester written examination	35%	No	End of semester examination period
Anatomy Spot test	10%	No	Week 12
Biomechanics quizzes	10%	No	Weeks 4, 6, 8, 10 & 12
Mid-semester Anatomy Spot Test	5%	No	Week 7
Technique Spot Test	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.

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[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

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). 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 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.

Changes since First Published

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