CHIR8512

Orthopaedic Physical Assessment

Session 2, Special circumstances, North Ryde 2021

Department of Chiropractic

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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
Benjamin Brown
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Credit points
10

Prerequisites

Corequisites

Co-badged status

Unit description
This unit introduces you to the common musculoskeletal conditions relevant to chiropractors in primary care settings. You will be instructed on how to interpret history, examination and paraclinical study findings, and how to plan and execute an orthopaedic physical examination for common musculoskeletal conditions. The knowledge and skills acquired during this unit are fundamental for developing diagnostic proficiency in chiropractic practice.

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: Competently perform a history and orthopaedic physical examination for common musculoskeletal conditions.
ULO2: Draw on acquired theoretical knowledge in order to tailor the history taking process and physical examination to the patient, and from this, develop a list of differential diagnoses, and a working diagnosis.
ULO3: Apply clinical reasoning skills to determine if a patient is a suitable candidate for chiropractic care, or organise an appropriate referral where necessary
ULO4: Find, select and critique relevant clinical research literature to inform the diagnosis of common musculoskeletal conditions.
ULO5: Apply clinical knowledge acquired from texts and lectures in group practical classes. Reason, question and communicate your clinical knowledge to tutors and fellow

students.

ULO6: Demonstrate respect and empathy for patients, and an ethical and professional attitude to health care during clinical simulations, which also includes fostering a commitment to continuing professional development.

ULO7: Describe, interpret and apply the principles of diagnostic test accuracy as they relate to the orthopaedic physical examination.

Assessment Tasks

Name	Weighting	Hurdle	Due
OSCE I	25%	No	Week 6
OSCE II	25%	No	Week 13
Final Theory Examination	50%	No	Examination period

OSCE I

Assessment Type [1]: Clinical performance evaluation
Indicative Time on Task [2]: 20 hours
Due: **Week 6**
Weighting: **25%**

Students will be assessed on their competency in performing orthopaedic physical assessment.

On successful completion you will be able to:

- Competently perform a history and orthopaedic physical examination for common musculoskeletal conditions.
- Draw on acquired theoretical knowledge in order to tailor the history taking process and physical examination to the patient, and from this, develop a list of differential diagnoses, and a working diagnosis.
- Apply clinical reasoning skills to determine if a patient is a suitable candidate for chiropractic care, or organise an appropriate referral where necessary
- Find, select and critique relevant clinical research literature to inform the diagnosis of common musculoskeletal conditions.
- Apply clinical knowledge acquired from texts and lectures in group practical classes. Reason, question and communicate your clinical knowledge to tutors and fellow

students.

- Demonstrate respect and empathy for patients, and an ethical and professional attitude to health care during clinical simulations, which also includes fostering a commitment to continuing professional development.
- Describe, interpret and apply the principles of diagnostic test accuracy as they relate to the orthopaedic physical examination.

OSCE II

Assessment Type [1]: Clinical performance evaluation
Indicative Time on Task [2]: 20 hours
Due: **Week 13**
Weighting: **25%**

Students will be assessed on their competency in performing orthopaedic physical assessment.

On successful completion you will be able to:

- Competently perform a history and orthopaedic physical examination for common musculoskeletal conditions.
- Draw on acquired theoretical knowledge in order to tailor the history taking process and physical examination to the patient, and from this, develop a list of differential diagnoses, and a working diagnosis.
- Apply clinical reasoning skills to determine if a patient is a suitable candidate for chiropractic care, or organise an appropriate referral where necessary
- Find, select and critique relevant clinical research literature to inform the diagnosis of common musculoskeletal conditions.
- Apply clinical knowledge acquired from texts and lectures in group practical classes. Reason, question and communicate your clinical knowledge to tutors and fellow students.
- Demonstrate respect and empathy for patients, and an ethical and professional attitude to health care during clinical simulations, which also includes fostering a commitment to continuing professional development.
- Describe, interpret and apply the principles of diagnostic test accuracy as they relate to the orthopaedic physical examination.

Final Theory Examination

Assessment Type [1]: Examination
Indicative Time on Task [2]: 20 hours
Due: **Examination period**
Weighting: **50%**

Students will be tested on their theoretical knowledge of common musculoskeletal conditions and associated history and examination findings, and results from paraclinical investigations. Students will also be asked to apply this knowledge to clinical case scenarios.

On successful completion you will be able to:

- Draw on acquired theoretical knowledge in order to tailor the history taking process and physical examination to the patient, and from this, develop a list of differential diagnoses, and a working diagnosis.
- Apply clinical reasoning skills to determine if a patient is a suitable candidate for chiropractic care, or organise an appropriate referral where necessary

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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

Lectures

Students will be provided with pre-recorded modules on the unit iLearn page for common musculoskeletal conditions for each bodily region.

Students will be given an opportunity to ask questions regarding the content of the modules during the week during the scheduled lecture times below:

- Monday 3 - 4pm
- Wednesday 11am - 12pm

Tutorials

2 x 2 hour face-to-face tutorials:

- Tutorial 1 (Wednesday 3-5pm or 5-7pm)
- Tutorial 2 (Thursday 9-11am or 11-1pm)

Required Text

Orthopedic Physical Assessment, 7th edition by David Magee & Robert Manske

Resources

The CHIR 8512 iLearn page contains links to lecture and tutorial materials, along with links to video resources and relevant readings.

NOTE: 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.

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 from Previous Offering

This is the first offering of this unit. The unit was previously combined with neurology and taught

over two semesters.

Changes since First Published

Date	Description
12/07/2021	Added Chris B statement: NOTE: 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.