



CHIR8512

Orthopaedic Physical Assessment

Session 2, In person-scheduled-weekday, North Ryde 2023

Department of Chiropractic

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General Information

Unit convenor and teaching staff

Benjamin Brown

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Credit points

10

Prerequisites

CHIR8511

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 your 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 to theoretical scenarios. Reason, question and

communicate your clinical knowledge to a range of audiences.

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.

General Assessment Information

Grade descriptors and other information concerning grading are contained in the [Macquarie University Assessment Policy](#).

All final grades are determined by a grading committee, in accordance with the Macquarie University Assessment Policy, and are not the sole responsibility of the Unit Convenor.

Students will be awarded a final grade and a mark which must correspond to the grade descriptors specified in the [Assessment Procedure](#) (clause 128).

To pass this unit, you must demonstrate sufficient evidence of achievement of the learning outcomes, meet any ungraded requirements, and achieve a final mark of 50 or better.

Late Submissions

Unless a Special Consideration request has been submitted and approved, a 5% penalty (OF THE TOTAL POSSIBLE MARK) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical concern.

For example:

Number of days (hours) late	Total Possible Marks	Deduction	Raw mark	Final mark
1 day (1-24 hours)	100	5	75	70
2 days (24-48 hours)	100	10	75	65
3 days (48-72 hours)	100	15	75	60
7 days (144-168 hours)	100	35	75	40
>7 days (>168 hours)	100	-	75	0

For any late submissions of time-sensitive tasks, such as scheduled tests/exams, performance

assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Further details for each assessment task will be available on iLearn.

Assessment Tasks

Name	Weighting	Hurdle	Due
Invigilated Quiz	20%	No	8/9/2023
Final Theory Examination	30%	No	University Examination Period
OSCE II	25%	No	19/10/2023
OSCE I	25%	No	31/8/2023

Invigilated Quiz

Assessment Type ¹: Examination

Indicative Time on Task ²: 20 hours

Due: **8/9/2023**

Weighting: **20%**

Students will be tested on their theoretical knowledge of common musculoskeletal conditions and associated history and examination findings, and results from paraclinical investigations.

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.
- 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: **University Examination Period**

Weighting: **30%**

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
- Apply clinical knowledge to theoretical scenarios. Reason, question and communicate your clinical knowledge to a range of audiences.
- 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: 15 hours

Due: **19/10/2023**

Weighting: **25%**

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

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 to theoretical scenarios. Reason, question and communicate your clinical knowledge to a range of audiences.

- 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 I

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **31/8/2023**

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 to theoretical scenarios. Reason, question and communicate your clinical knowledge to a range of audiences.
- 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.

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

As a student enrolled in this unit, you will engage in a range of online and face-to-face learning activities, including online modules and orthopaedic physical assessment tutorials. Details can be found on the iLearn site for this unit.

Recommended Readings

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

Technology Used

Active participation in the learning activities throughout the unit will require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

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](#)
- [Assessment Procedure](#)
- [Complaints Resolution 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

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the 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

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault

- [Social support including information about finances, tenancy and legal issues](#)
- [Student Advocacy](#) provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

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.