

Profile information current as at 12/05/2024 03:58 pm

All details in this unit profile for CHIR13013 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit will introduce you to the aetiology, incidence, pathophysiology and clinical presentation of conditions commonly encountered in chiropractic practice. You will integrate this theoretical understanding with appropriate orthopaedic, neurologic and physical examination skills and continue to build on your clinical management skills.

Details

Career Level: Undergraduate

Unit Level: Level 3 Credit Points: 12

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.25

Pre-requisites or Co-requisites

CHIR12006 Foundations of Chiropractic Practice 4 ANDMPAT12001 Medical Pathophysiology Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the Assessment Policy and Procedure (Higher Education Coursework).

Offerings For Term 1 - 2024

Brisbane

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.

Class and Assessment Overview

Recommended Student Time Commitment

Each 12-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 hours for the unit.

Class Timetable

Regional Campuses

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. On-campus Activity

Weighting: 50%

2. Objective Structured Clinical Examinations (OSCEs)

Weighting: Pass/Fail 3. **In-class Test(s)** Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the <u>University's Grades and Results Policy</u> for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the CQUniversity Policy site.

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the <u>CQUniversity Policy site</u>.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

- 1. Describe the clinical presentation including etiology, incidence and pathophysiology of commonly encountered conditions of the spine and extremities.
- 2. Apply clinical reasoning skills in relation to the selection and application of assessment and management procedures relevant to commonly encountered conditions seen to determine introductory diagnoses.
- 3. Demonstrate commonly used clinical assessment skills including neurological and orthopedic procedures.
- 4. Demonstrate management procedures including chiropractic techniques.
- 5. Communicate and demonstrate appropriate professional and culturally inclusive behaviours to the standard expected of a registered healthcare professional.

LO1 - Competency 3 (3.4)

LO2 - Competency 1 (1.1, 1.2, 1.3 and 1.4), 2 (2.2), 3 (3.3, 3.4 and 3.5), 4 (4.1 and 4.2)

LO 3 - Competency 1 (1.1, 1.2 and 1.3), 2 (2.1), 3 (3.1, 3.2 and 3.4)

LO4 - Competency 1 (1.1, 1.2 and 1.3), 2 (2.1 and 2.3), 4 (4.1 and 4.2), 5 (5.1 and 5.2)

LO5 - Competency 2 (2.1), 3 (3.1, 3.2 and 3.4)

Alignment of Learning Outcomes, Assessment and Graduate Attributes Introductory Intermediate Graduate Professional Advanced Level Level Level Level Level Level Alignment of Assessment Tasks to Learning Outcomes **Learning Outcomes Assessment Tasks** 1 2 3 4 5 1 - On-campus Activity - 50% 2 - Objective Structured Clinical Examinations (OSCEs) - 0% 3 - In-class Test(s) - 50% Alignment of Graduate Attributes to Learning Outcomes **Graduate Attributes Learning Outcomes** 1 2 4 5 1 - Communication 2 - Problem Solving 3 - Critical Thinking 4 - Information Literacy 5 - Team Work **6 - Information Technology Competence** 7 - Cross Cultural Competence 8 - Ethical practice 9 - Social Innovation 10 - Aboriginal and Torres Strait Islander Cultures

Textbooks and Resources

Textbooks

CHIR13013

Supplementary

Differential Diagnosis and Management for the Chiropractor

Edition: 5th (2014) Authors: Thomas A. Souza Jones & Bartlett Learning

USA

ISBN: 1284022307 Binding: Hardcover

CHIR13013

Supplementary

Neurological Examination Made Easy

Edition: 6th (2019) Authors: Geraint Fuller

Elsevier

ISBN: 9780702076275 Binding: Paperback CHIR13013

Supplementary

Orthopedic Physical Assessment

Edition: 7yh (2018)

Authors: Robert C. Manske, David J. Magee

Elsevier

ISBN: 9780323749510 Binding: Hardcover

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: <u>American Psychological Association 7th Edition (APA 7th edition)</u>

For further information, see the Assessment Tasks.

Teaching Contacts

Andrew Dane Unit Coordinator

a.dane@cqu.edu.au

Schedule

Week 1 - 04 Mar 2024

Module/Topic

Chapter

Events and Submissions/Topic

- 1. Chiropractic Technique Intro & Thoracic Spine
- 2. Case Work (Ortho/Neuro) Thoracic Spine
- 3. Conditions Thoracic Spine
- 1. Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences.
- 2. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders.
- 3. Magee, D. J. (2014). Orthopedic Physical Assessment. United States: Elsevier - **Review Chapter 8 - Read p529**

- Carver Bridge/Bilateral Hypothenar Transverse Push and Variations
- 5-175A (P 217)
- Bilateral Thenar Transverse Push and variations Fig 5-174A (P 217)
- Crossed Bilateral

Hypothenar/pisiform transverse push and variations 5-175B (P 217)

- Bilateral Thenar Transverse Push and variations Fig 5-174A (P 217)
- Unilateral Hypothenar Transverse Push 5-177 (P 219)
- Thumb/Spinous Push Fig 5-169 (P 211)
- Combination Hypothenar Transverse Push Fig 5-170A (P 213)

Week 2 - 11 Mar 2024

Module/Topic

Chiropractic Technique - Thoracic Spine & Lower Ribs Case Work (Ortho/Neuro) - Lumbar Spine Conditions - Lumbar Spine

Chapter

Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders.

Magee, D. J. (2014). Orthopedic Physical Assessment. United States: Elsevier - **Review Chapter 9, Read p593**

Events and Submissions/Topic

- Carver Bridge/Bilateral Hypothenar Transverse Push and Variations
- 5-175A (P 217)
- Bilateral Thenar Transverse Push and variations Fig 5-174A (P 217)
- Crossed Bilateral

Hypothenar/pisiform transverse push and variations 5-175B (P 217)

- Bilateral Thenar Transverse Push and variations Fig 5-174A (P 217)
- Unilateral Hypothenar Transverse Push 5-177 (P 219)
- Thumb/Spinous Push Fig 5-169 (P 211)
- Combination Hypothenar Transverse Push Fig 5-170A (P 213)

Week 3 - 18 Mar 2024

Module/Topic

Chiropractic Technique - Lumbar Spine Case Work (Ortho/Neuro) -Lumbopelvic region Conditions - Lumbopelvic region

Chapter

Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders.

Magee, D. J. (2014). Orthopedic Physical Assessment. United States: Elsevier - **Review Chapter 10 / Read p668**

Events and Submissions/Topic

- Push v Pull Review
- Lumbar Hypothenar Mammillary Push Fig 5-249 A, B, C, D, E (P 254)
- Lumbar Hypothenar Spinous Push Fig 5-250 A, B, C, D, E (P 255)
- Lumbar Hypothenar/ Spinous Pull Fig 5-251 A, B (P 257),
- Lumbar (Bunyan) Digit Spinous Push-Pull 5-252 A, B (P 258)

Week 4 - 25 Mar 2024

Module/Topic

Chiropractic Technique - Lumbar Spine Case Work (Ortho/Neuro) - Cervical Spine Conditions - Cervical Spine

Chapter

Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders.

Magee, D. J. (2014). Orthopedic Physical Assessment. United States: Elsevier - **Review Chapter 3 / Read p180**

Events and Submissions/Topic

Push v Pull – Review

- Lumbar Hypothenar Mammillary Push Fig 5-249 A, B, C, D, E (P 254)
- Lumbar Hypothenar Spinous Push Fig 5-250 A, B, C, D, E (P 255)
- Lumbar Hypothenar/ Spinous Pull Fig 5-251 A, B (P 257),
- Lumbar (Bunyan) Digit Spinous Push-Pull 5-252 A, B (P 258)

Week 5 - 01 Apr 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Chiropractic Technique - Pelvis Case Work (Ortho/Neuro) - Spine Review Conditions - Cervical Spine	Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Magee, D. J. (2014). Orthopedic Physical Assessment. United States: Elsevier - Review Chapter 3 / Read p180	 Pelvis Hypothenar Ilium Push (PI Ilium) Fig 5-282 (P 275) Pelvis Hypothenar Ischium Push (AS Ilium) Fig 5-284 (P 276) Pelvis Hypothenar Sacral Base Push (PS sacrum) Fig 5-283 (P 275) Pelvis Hypothenar Sacral Apex Push (AI sacrum) Fig 5-285A (P 277)
Vacation Week - 08 Apr 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Week 6 - 15 Apr 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Chiropractic Technique - Cervical Spine Case Work (Ortho/Neuro) - OSCE Conditions - Radiculopathy	Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Magee, D. J. (2014). Orthopedic Physical Assessment. United States: Elsevier.	Mid Term OSCE Supine & Supine Index Atlas Push S85A (P 177) / Fig 5-100 (P 184) Supine & Supine Index Pillar Push. 5-94A (P 180) / Fig 5-101 (P184) Supine Thumb Pillar Push 5-96 A (P 182) Supine Digit Pillar Push 5-98 (P 184)
Week 7 - 22 Apr 2024		
Chiropractic Technique - Cervical Spine Case Work (Ortho/Neuro) - UMNLs Conditions - UMNLs	Chapter Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Fuller, G. (2019). Neurological Examination Made Easy E-Book. Elsevier Health Sciences - Chapters 20,22 & 25	 Supine & Supine Index Atlas Push 5.85A (P 177) / Fig 5-100 (P 184) Supine & Supine Index Pillar Push. 5-94A (P 180) / Fig 5-101 (P184) Supine Thumb Pillar Push 5-96 A (P 182) Supine Digit Pillar Push 5-98 (P 184)
Week 8 - 29 Apr 2024		
Module/Topic	Chapter Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011).	Events and Submissions/Topic Thumb/Spinous Push 5-169
Chiropractic Technique - C/T & Upper Ribs Case Work (Ortho/Neuro) - Cerebellum Conditions - Cerebellum	Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Fuller, G. (2019). Neurological Examination Made Easy E-Book. Elsevier Health Sciences - Chapters 23 & 24	A,B,C (P 212) Combination Hypothenar transverse push (T1-3) (assisted and resisted for lateral flexion and rotation) Figure 5-170A & B (P 213)
Week 9 - 06 May 2024		
Module/Topic	Chapter	Events and Submissions/Topic

Chiropractic Technique - C0-C1 Case Work (Ortho/Neuro) - Cranial Nerves (CNs) Conditions - Cranial Nerves (CNs)	(2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Fuller, G. (2019). Neurological Examination Made Easy E-Book. Elsevier Health Sciences - Chapters 5-14	 Supine index / thumb pillar / atlas push (Figure 5.75, 5.94 A, 5.96 & 5.85 A & B) Sitting index occiput lift Figure 5.87 (P 177) / 5.82 (P 174)
Week 10 - 13 May 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Chiropractic Technique - Occiput Case Work (Ortho/Neuro) - CNs cond. & Dizziness Conditions - Headache / Dizziness	Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Fuller, G. (2019). Neurological Examination Made Easy E-Book. Elsevier Health Sciences - Chapters 5-14	 Supine index / thumb pillar / atlas push (Figure 5.75, 5.94 A, 5.96 & 5.85 A & B) Sitting index occiput lift Figure 5.87 (P 177) / 5.82 (P 174)
Week 11 - 20 May 2024		
Module/Topic	Chapter	Events and Submissions/Topic
Chiropractic Technique - OSCE Review Case Work (Ortho/Neuro) - OSCE Review Conditions - Trauma / Concussion	Bergmann, T. F., & Peterson, D. H. (2010). Chiropractic Technique-E-Book. Elsevier Health Sciences. Magee, D. J., & Sueki, D. (2011). Orthopedic physical assessment atlas and video. Selected special tests and movements. St. Louis: Elsevier Saunders. Fuller, G. (2019). Neurological Examination Made Easy E-Book. Elsevier Health Sciences.	
Week 12 - 27 May 2024		
Module/Topic	Chapter	Events and Submissions/Topic
		End of Term OSCE
OSCE Week		On Campus Activity Due: Week 12 Friday (31 May 2024) 11:45 pm AEST End of Term OSCE Due: Week 12 Friday (31 May 2024) 11:45 pm AEST
Review/Exam Week - 03 Jun 2024		
Module/Topic	Chapter	Events and Submissions/Topic
		In-Class Test Due: Review/Exam Week Tuesday (4 June 2024) 10:00 am AEST
Exam Week - 10 Jun 2024		
Module/Topic	Chapter	Events and Submissions/Topic

Bergmann, T. F., & Peterson, D. H.

Assessment Tasks

1 On Campus Activity

Assessment Type

On-campus Activity

Task Description

Part A - Mid Term OSCE (25%) - One station OSCE examining the core practical skills learnt during the first five weeks of term. It will be held during practical class time and will count towards 25% of the 50% On Campus Activity.

Part B - On Campus Activity (25%)

The on-campus activities in this unit will serve as a continuous assessment of your knowledge development. The tasks will include five short in class tests which will take no more than 10 minutes to complete (each will count 5% towards the overall 25% Part B allocation). Activities will take place across wks 2-10, questions will be similar to the end of term test style questions to give some practice for that assessment.

The on-campus activities will be based on material from the previous or current week's content. It is essential that you review the material. Students will be required to complete the activity, sign and date it. It is your responsibility to ensure this activity is completed submitted as proof of completion. If an on campus activity is missed it will not be offered at a alternate time unless an extension request is submitted with valid documentation.

Assessment Due Date

Week 12 Friday (31 May 2024) 11:45 pm AEST

Return Date to Students

Exam Week Friday (14 June 2024)

Weighting

50%

Assessment Criteria

No Assessment Criteria

Referencing Style

• American Psychological Association 7th Edition (APA 7th edition)

Submission

Offline Online

Learning Outcomes Assessed

- Describe the clinical presentation including etiology, incidence and pathophysiology of commonly encountered conditions of the spine and extremities.
- Apply clinical reasoning skills in relation to the selection and application of assessment and management procedures relevant to commonly encountered conditions seen to determine introductory diagnoses.
- Demonstrate commonly used clinical assessment skills including neurological and orthopedic procedures.
- Demonstrate management procedures including chiropractic techniques.
- Communicate and demonstrate appropriate professional and culturally inclusive behaviours to the standard expected of a registered healthcare professional.

2 End of Term OSCE

Assessment Type

Objective Structured Clinical Examinations (OSCEs)

Task Description

End of Term OSCE is a two station Pass/Fail OSCE - this assessment will assess all practical content from the unit. It will be held in Week 12 and has a minimum pass mark of 65%. This OSCE will take place during practical class time in week 12.

Please note, this is a pass/fail assessment task that means if you do not achieve a pass for this task you will not pass the unit. Supplementary assessments are not available for pass/fail assessment items.

Assessment Due Date

Week 12 Friday (31 May 2024) 11:45 pm AEST

Return Date to Students

Exam Week Friday (14 June 2024)

Weighting

Pass/Fail

Minimum mark or grade

65%

Assessment Criteria

No Assessment Criteria

Referencing Style

• American Psychological Association 7th Edition (APA 7th edition)

Submission

Offline

Learning Outcomes Assessed

- Demonstrate commonly used clinical assessment skills including neurological and orthopedic procedures.
- Demonstrate management procedures including chiropractic techniques.
- Communicate and demonstrate appropriate professional and culturally inclusive behaviours to the standard expected of a registered healthcare professional.

3 In-Class Test

Assessment Type

In-class Test(s)

Task Description

This online assessment is 120 minutes in duration and will be comprised of a range of question formats, including multi choice, matching, short and long case answer explanations. This is a closed-book assessment and no notes, texts or additional electronic devices are allowed during this assessment task. You will submit your test electronically. This test must be written at the timetabled date and time. If you arrive late, you may enter the test room up to 15 minutes after the start of the test, however, you will still be required to submit your test at the standard test end time. You will not be allowed entry more than 15 minutes after the test starts. In the absence of an approved extension, there will be no opportunity for you to complete this assessment at a later time, and you will receive a mark of zero for the assessment.

Assessment Due Date

Review/Exam Week Tuesday (4 June 2024) 10:00 am AEST

Return Date to Students

Exam Week Friday (14 June 2024)

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

Please arrive 15 minutes before the start time

Reading time is incorporated within the allocated exam time.

The test will take 120 minutes

See the Quiz Outline for exam specific question information.

Any students with an accessibility plan are advised to ensure that they have shared the plan with the unit coordinator to ensure that they are appropriately accommodated.

If you have a technical difficulties during the assessment please alert the invigilator immediately, they will help you record the incident to send to the unit coordinator / TASAC as per LDI Guidelines.

Once the assessment has begun nobody can leave the room for the first 30 minutes, after that no late entrants will be allowed to join the assessment task as per normal practice.

If you are unable to make it on the day of your end of term test, please email the unit coordinator as soon as possible and supply a medical certificate.

Please bring your ID with you so we can confirm it prior to you taking the test.

Referencing Style

• American Psychological Association 7th Edition (APA 7th edition)

Submission

Online

Learning Outcomes Assessed

- Describe the clinical presentation including etiology, incidence and pathophysiology of commonly encountered conditions of the spine and extremities.
- Apply clinical reasoning skills in relation to the selection and application of assessment and management procedures relevant to commonly encountered conditions seen to determine introductory diagnoses.

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the **Student Academic Integrity Policy and Procedure**. This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the <u>Academic Learning Centre (ALC)</u> can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem