



# MEDI8101

## Clinical Practice 1

Session 1, In person-scheduled-weekday, North Ryde 2022

*Medicine, Health and Human Sciences Faculty level units*

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### Disclaimer

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## General Information

Unit convenor and teaching staff

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Credit points

10

Prerequisites

Admission to MD

Corequisites

(MEDI910 or MEDI8100) and (MEDI912 or MEDI8102)

Co-badged status

Unit description

This unit introduces you to the principles underpinning the clinical practice of medicine. You will have the opportunity to develop and practise consulting (communication and history taking) skills, physical examination skills and basic procedural skills within a simulated learning environment. You will be introduced to key history taking, communication and physical examination concepts. Clinical knowledge relating to several body systems and regions will be developed by studying the medical disciplines of cardiology, respiratory, gastroenterology, urology and nephrology. Clinical skills training will occur in both small and large group experiential learning activities. You will progressively develop and integrate basic consulting, communication and procedural skills with a focus on the mastery of normal systems.

## 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:** Design and conduct a concise and accurate medical history of people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
- ULO2:** Plan and conduct a comprehensive physical examination, including the appropriate procedural skills, on people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
- ULO3:** Competently perform basic procedural skills on people simulating health conditions including respectfully adapting communication to address environmental and personal factors (Capability 2: Clinical Practitioner)
- ULO4:** Interpret and analyse information obtained from a comprehensive history and examination to generate a list of differential diagnoses, impairments and activity limitations (Capability 2: Clinical Practitioner)
- ULO5:** Explain scientific and clinical information effectively to peers and tutors using the most appropriate scientific sources (Capability 1: Scientist and Scholar)
- ULO6:** Formulate relevant clinical questions about diagnosis, prognosis and treatment of conditions for which people seek healthcare (Capability 2: Clinical Practitioner)
- ULO7:** Explains how psychological, social and cultural issues affect the health of individuals and populations and how these might be mediated, while respecting diversity (Capability 3: Engaged Global Citizen)
- ULO8:** Participate effectively in classes and peer teams, by seeking feedback on own performance and reflecting on the feedback to generate strategies that improve individual and team performance (Capability 4: Professional)

## General Assessment Information

Detailed information regarding the assessment of the Macquarie MD and unit-specific assessment is available on the MQMDAssess Macquarie MD Assessment 2022 Intake iLearn site.

### Grading

In this unit two types of grading will be used and a supervision recommendation will be given where a clinical assessment relates to a Stage 1 Entrustable Professional Activity (EPA). The written examination will be graded numerically with a standardised mark out of 100, while the OSCE will be coarse graded. Coarse grades (P+, P, P-, F) will be assigned to the focused and generic MD Capability Aspects as well as overall task performance. The numeric marks for the examinations and overall coarse grade for the assessment task, weighted according to their contribution, will be used to calculate the overall Unit aggregate. Unit outcomes based on the Unit aggregate will be reported to the University using the standard Macquarie grades (High Distinction, Distinction, Credit, Pass, Fail). As most assessment tasks in the program are coarse graded, a single standardised numerical grade (SNG) equivalent will be reported for each University grade. Both the numeric equivalents for the coarse grades used in the calculation of the unit aggregate and the conversion of the aggregate to a single SNG are available on the Doctor of Medicine Community iLearn site.

All final grades in the Macquarie MD are reviewed by the MD Course Board and Faculty Assessment Committee and ratified by the Faculty of Medicine, Health and Human Sciences Faculty Board. Therefore, they are not the sole responsibility of the Unit Convenor.

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes, attempt all assessment tasks, and meet any ungraded requirements which include professionalism, submission of sufficient number and satisfactory performance in Direct Observation of Procedural Skills (DOPS) and Mini Clinical Evaluation Exercise (Mini-Cex), and achieve a unit aggregate of 50% or better.

### **Extensions for Assessment tasks**

Applications for assessment task extensions must be submitted via <https://ask.mq.edu.au/>. For further details please refer to the Special Consideration Policy available at <https://students.mq.edu.au/study/assessment-exams/special-consideration>

### **Professional Expectations**

Professionalism is a key capability embedded in the Macquarie MD. Professional Behaviour Notifications (PBN) which can be a breach (PBNB) or a commendation (PBNC) may be awarded. PBNs will be recorded in the student's portfolio. As part of developing professionalism, Macquarie MD students are expected to attend all small group interactive sessions including clinical, practical, laboratory and team-based learning activities. If attendance is deemed to be of concern, the student will be referred to the Faculty for remediation, subsequent monitoring, and recording in the portfolio. Similarly, as part of developing professionalism, Macquarie MD students are expected to submit all work by the due date. Late submission without prior approved extension will result in a professional behaviour notification- breach (PBNB) in the portfolio.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Objective Structured Clinical Examination (OSCE)</u>	50%	No	Week 14-16 (University Exam Period)
<u>End of session written examination</u>	50%	No	Week 14-16 (University Exam Period)
<u>Direct Observation of Procedural Skills (DOPS)</u>	0%	No	Ongoing
<u>Mini-Clinical Evaluation Exercise (Mini-CEX)</u>	0%	No	Ongoing

### Objective Structured Clinical Examination (OSCE)

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Week 14-16 (University Exam Period)**

Weighting: **50%**

The OSCE will assess all content delivered during the session. It will include multiple stations with differing clinical scenarios. Assessment for overall performance and of focused capability aspects and Stage 1 Entrustable Professional Activities will be recorded in your Macquarie Assessment Portfolio.

On successful completion you will be able to:

- Design and conduct a concise and accurate medical history of people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
- Plan and conduct a comprehensive physical examination, including the appropriate procedural skills, on people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
- Competently perform basic procedural skills on people simulating health conditions including respectfully adapting communication to address environmental and personal factors (Capability 2: Clinical Practitioner)
- Interpret and analyse information obtained from a comprehensive history and

examination to generate a list of differential diagnoses, impairments and activity limitations (Capability 2: Clinical Practitioner)

- Explain scientific and clinical information effectively to peers and tutors using the most appropriate scientific sources (Capability 1: Scientist and Scholar)
- Formulate relevant clinical questions about diagnosis, prognosis and treatment of conditions for which people seek healthcare (Capability 2: Clinical Practitioner)
- Explains how psychological, social and cultural issues affect the health of individuals and populations and how these might be mediated, while respecting diversity (Capability 3: Engaged Global Citizen)

## End of session written examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Week 14-16 (University Exam Period)**

Weighting: **50%**

The end of session written examination will assess all content delivered during the session. The examination will include multiple choice, extended matching and short answer questions. Assessment for overall performance and of focused capability aspects will be recorded in your Macquarie Assessment Portfolio.

On successful completion you will be able to:

- Design and conduct a concise and accurate medical history of people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
- Plan and conduct a comprehensive physical examination, including the appropriate procedural skills, on people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
- Interpret and analyse information obtained from a comprehensive history and examination to generate a list of differential diagnoses, impairments and activity limitations (Capability 2: Clinical Practitioner)
- Formulate relevant clinical questions about diagnosis, prognosis and treatment of conditions for which people seek healthcare (Capability 2: Clinical Practitioner)
- Explains how psychological, social and cultural issues affect the health of individuals and populations and how these might be mediated, while respecting diversity (Capability 3: Engaged Global Citizen)

## Direct Observation of Procedural Skills (DOPS)

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 9 hours

Due: **Ongoing**

Weighting: **0%**

DOPS assessments are formative and are designed to provide you with personalised feedback to improve your clinical skills. Assessment for overall performance and of focused capability aspects and Stage 1 Entrustable Professional Activities will be recorded in your Macquarie Assessment Portfolio.

On successful completion you will be able to:

- Competently perform basic procedural skills on people simulating health conditions including respectfully adapting communication to address environmental and personal factors (Capability 2: Clinical Practitioner)
- Explain scientific and clinical information effectively to peers and tutors using the most appropriate scientific sources (Capability 1: Scientist and Scholar)
- Participate effectively in classes and peer teams, by seeking feedback on own performance and reflecting on the feedback to generate strategies that improve individual and team performance (Capability 4: Professional)

## Mini-Clinical Evaluation Exercise (Mini-CEX)

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 9 hours

Due: **Ongoing**

Weighting: **0%**

Mini-CEX assessments are formative and are designed to provide you with personalised feedback to improve your clinical skills. Assessment for overall performance and of focused capability aspects and Stage 1 Entrustable Professional Activities will be recorded in your Macquarie Assessment Portfolio.

On successful completion you will be able to:

- Design and conduct a concise and accurate medical history of people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems

(Capability 2: Clinical Practitioner)

- Plan and conduct a comprehensive physical examination, including the appropriate procedural skills, on people simulating health conditions of the cardiac, respiratory, gastrointestinal, renal and urological systems (Capability 2: Clinical Practitioner)
  - Interpret and analyse information obtained from a comprehensive history and examination to generate a list of differential diagnoses, impairments and activity limitations (Capability 2: Clinical Practitioner)
  - Explain scientific and clinical information effectively to peers and tutors using the most appropriate scientific sources (Capability 1: Scientist and Scholar)
  - Participate effectively in classes and peer teams, by seeking feedback on own performance and reflecting on the feedback to generate strategies that improve individual and team performance (Capability 4: Professional)
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<sup>1</sup> 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.

<sup>2</sup> 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

### Teaching and Learning Strategy

This unit will have a 2 hour masterclass, 2 hour tutorial and 2 hour core skills tutorial every week. Masterclass tutorials will provide foundation knowledge and also use large and small group demonstrations and discussion with clinical specialists. Core skills tutorials will enable students to practice clinical skills covered during the masterclass and other tutorials.

### iLearn

This unit's iLearn site will provide weekly resources for students, including:

- tutorial notes
- tutorial worksheets
- preparation and consolidation material
- videos
- other teaching resources
- assessment details



## Textbooks and Readings

Talley, N., O'Connor, S. (2022) *Clinical examination. A systematic guide to physical diagnosis* (9th ed.) Elsevier is a required textbook. Students will be required to have a copy of this text to complete the unit. An electronic version of the textbook is also available via MQ Library - ClinicalKey Student.

## Technology and equipment

MQ is a BYOD environment where students are encouraged to bring their personally owned devices (laptops, tablets, etc.) to class and to use these devices to access information and study. Teaching rooms are equipped with audio-visual and ICT equipment including internet connection and multiple LCD screens. Students will use a range of specific equipment typically used in the assessment and management of people with a range of health conditions. To study optimally when off campus you will need to have access to a reliable internet connection to retrieve unit information, and at times to submit assessment tasks via iLearn.

## Consultation with staff

Staff will be available for individual consultations, please see iLearn site for information on staff availability for consultation.

## 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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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 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/](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.