



Bond University Medical Program

**General Practice Rotation
Clinician Guide**

YEAR 5

Introduction

Students in the final year of the Bond University Medical Program have 6 rotations to train in a broad array of medical, surgical, and other specialities.

These Rotations are made up from one of each of:

- Anaesthetics, Critical Care, and orthopaedics (2 weeks of each)
- Elective or Capstone
- Emergency Medicine,
- Flexible/End of year elective
- General Practice,
- Selective

The capstone, elective, flexible and selective rotations provide students' a choice of interest area, or speciality placement, to gain additional clinical experience on top of specified clinical curriculum placements.

The learning priorities for all clinical specialities are to gain insight and understanding of the most common presentations and conditions encountered. It is anticipated that all students will have opportunities to enhance their skills in history taking and clinical examination. Students should also be encouraged to translate the information from patient interactions into commonly used formats by interns, such as *ISOBAR (Introduction, Observation, Situation, Background, Assessment, Recommendation)*

Additional specific procedural skills development is welcomed.

Timetable and Contacts

Students are expected to be present at least 28 sessions (half day= >3hours) during their rotation, and this includes signing off for each episode of attendance, on the day, so that you will receive PIP payments. If students are unable to attend for any reason, they are required to advise the GP, the GCPHN placement officer, and the Placements Team at Bond University. Generally, attendance requirements include a minimum of 4 sessions a week for the core GP rotation plus extra time to complete the additional mandatory activities.

Student involvement in the day-to-day care and management of patients provides the best opportunity for learning. Students will be able to learn the most through interviewing and examining patients and being involved in clinical decision making. Following patients to nursing or allied health professional care visits, will enhance the student learning about multidisciplinary care and is encouraged.

As well as clinical knowledge, students must display other professional skills such as working well within the multidisciplinary team, considering the psychological and social impact of the illness on the patient and the family, being honest, empathetic, and respectful with regard to the patient's choices and decisions.

It is also important for students to recognise their own limitations, competencies, and scope of practice associated with their stage of training.

MD Program Learning Outcomes

MEDI72-YR5 Extended Clinical Practice and Research, A, B & C and Doctor of Medicine (MD)

1. Science and Scholarship: The medical graduate as scientist and scholar (SS)
2. Clinical Practice: The medical graduate as practitioner (CP)
3. Health and Society: The medical graduate as a health advocate (HS)
4. Professionalism and Leadership: The medical graduate as a professional and leader (PL)

The Australian Medical Council's Graduate Outcome Statements are organised into four domains. Within this subject, the framework mapped to the learning outcomes are: Science and Scholarship Domain (learning outcomes 1-3), Clinical Practice Domain (learning outcomes 4-11), Health and Society Domain (learning outcomes 12-15) and Professionalism and Leadership Domain (learning outcomes 16-22).

On successful completion of this program the learner will be able to:

Program LOs 2021	NEW 2021	Description	AMC Domain
01	Y5SS01	Apply current medical and scientific knowledge to individual patients, populations and health systems.	1.1, 1.2, 1.3, 1.4
02	Y5SS02	Apply evidence-based and environmentally sustainable healthcare practices in patient care and research methodology.	1.5, 1.6, 2.7
03	Y5SS03	Apply project management and/or communication skills to complete an evidence based and professionally focussed project including its dissemination.	1.1, 1.5, 1.6, 3.3, 4.9
04	Y5CP01	Demonstrate cognitive, technical and interpretive skills in undertaking an accurate, detailed system-focussed history from a range of patients within a variety of clinical settings.	2.2
05	Y5CP02	Perform an accurate and complete physical examination on any body system including a mental state examination.	2.3
06	Y5CP03	Use knowledge of common conditions, the patient history and physical examination findings, and clinical data, to undertake clinical reasoning and formulate probable and differential diagnoses.	2.2, 2.3, 2.4, 2.7, 2.8, 2.10
07	Y5CP04	Recognise and assess deteriorating and critically unwell patients who require immediate care and perform common emergency and life support procedures.	2.12
08	Y5CP05	Safely perform a range of common procedures.	2.6, 2.11, 2.14
09	Y5CP06	Safely prescribe by applying the principles of "quality use of medicines" in an environmentally sustainable way.	2.6, 2.7

10	Y5CP07	Select and justify common investigations, with regard to the pathological basis of disease, utility, safety, cost-effectiveness, and sustainability, and interpret their results.	2.5, 3.7
11	Y5CP08	Formulate an initial management plan in consultation with patients, family and carers across a variety of clinical settings with consideration of psychosocial, environmental and cultural aspects that may influence management.	2.1, 2.7, 2.9, 2.13, 2.14, 2.15, 3.2, 3.4
12	Y5HS01	Using evidence from behavioural science and population health research, integrate prevention, early detection, health maintenance and chronic disease management into clinical practice.	1.6, 2.10, 3.5
13	Y5HS02	Critically reflect on population health issues applicable to the relevant clinical and community setting.	3.1, 3.2, 3.4, 3.5, 3.8, 3.9
14	Y5HS03	Discuss the complex interactions between the healthcare environment, doctor and patient, and the role of the individual to ensure a safe working context.	2.1, 2.8, 3.6, 3.7, 4.5
15	Y5HS04	Communicate effectively in all roles including health advocacy, education, assessment, and appraisal.	2.1, 3.3, 4.9
16	Y5PL01	Critically discuss medico-legal and ethical issues in the healthcare setting.	3.6, 4.1, 4.2, 4.4, 4.6, 4.10
17	Y5PL02	Demonstrate an ability to manage a case load across a range of patients and from a variety of clinical settings.	2.2, 2.3, 2.4, 4.1, 4.2, 4.5, 4.9
18	Y5PL03	Comply with organisational policies regarding timely and accurate documentation.	2.15, 4.1, 4.2, 4.10
19	Y5PL04	Practise as an effective team member, respecting the variety of roles within the clinical setting and the professional responsibilities relevant to one's own position and/or role within the team.	3.1, 4.1, 4.2, 4.6, 4.8
20	Y5PL05	Uphold the standards and values of the medical profession and perform clinical activities in accordance with 'Good Medical Practice for Doctors in Australia' to support the health and well-being of individuals, communities and populations now and for future generations.	4.1, 4.2, 4.3, 4.5, 4.10
21	Y5PL06	Self-evaluate one's professional practice and seek appropriate assistance according to level of training and experience	4.1, 4.2, 4.5, 4.7, 4.9
22	Y5PL07	Demonstrate life-long learning behaviours	

General Practice (GP) Rotation

It is expected that the student will contact the GP or their Practice Manager 1-2 weeks before their GP placement is to start, to enquire about the allocated sessions/ times to attend.

GP Rotation University Teaching

The first Monday of each GP Block is a **mandatory Introduction day** for Bond and Griffith Students. Most of the Wednesdays are **mandatory** teaching days either at Bond University or for “on-line” activities.

What is General Practice?

In Australia, the definition of General Practice states: “*General practice is the provision of patient centred, continuing, comprehensive, coordinated primary care to individuals, families and communities.*”

It is the first (and often the only) point of contact with the health care system, where patients present with a wide range of undifferentiated problems.

During the rotation in General Practice students will be able to experience many aspects of primary care. Students can build upon these experiences to expand their communication, clinical, and procedural skills.

General Practice Learning Outcomes (aligned to GP activities, teaching, and assessment)

To demonstrate, evaluate, and practice:

1. Patient centredness, advocacy, empowerment, and support
2. Provision of care in the home and the community
3. General practice clinical management (chronic disease, multimorbidity, and polypharmacy)
4. Rational prescribing & Quality use of medicines
5. Health promotion & disease prevention
6. Clear communications: With patients, documents, and other health professionals
7. Evidence based medicine/practice (underpins ALL these activities)

These learning outcomes relate strongly to the Core competencies or RACGP Curriculum.

Ethical, medicolegal, and professional responsibilities are expected during all clinical placements.

They are listed in the clinical years' learning outcomes and are an expected competency of all medical graduates.

Additional secondary Learning Outcomes

- *Develop an overview of the health issues that affect patients in the community;*
- *Develop a balanced view of management and prevention of health needs in the community;*
- *Develop an insight into the harms and benefits of interventions;*
- *Develop an understanding of the use of “watchful waiting”;*
- *Develop an understanding of the importance of continuous quality improvement and of clinical audit;*
- *Demonstrate understanding of medico-legal implications of certificates in General Practice;*
- *Describe the role of the GP in the palliative care setting and within a multidisciplinary framework to provide palliative care to patients from a holistic, psychosocial and spiritual perspective;*
- *Develop an awareness of the health services available to patients in the community;*
- *Demonstrate knowledge of the use of electronic health records in primary care and the classification systems used- e.g. (ICPC, SNOMED)*
- *Demonstrate understanding of the specific health related issues of Aboriginal and Torres Strait Islander communities and the delivery of primary health care for these communities*

Clinical Activities

ALL Students will need to complete these mandatory activities during the “core” GP rotation: *These activities are for the Students to do mostly by themselves, trying to avoid creating extra work for the GP teacher.*

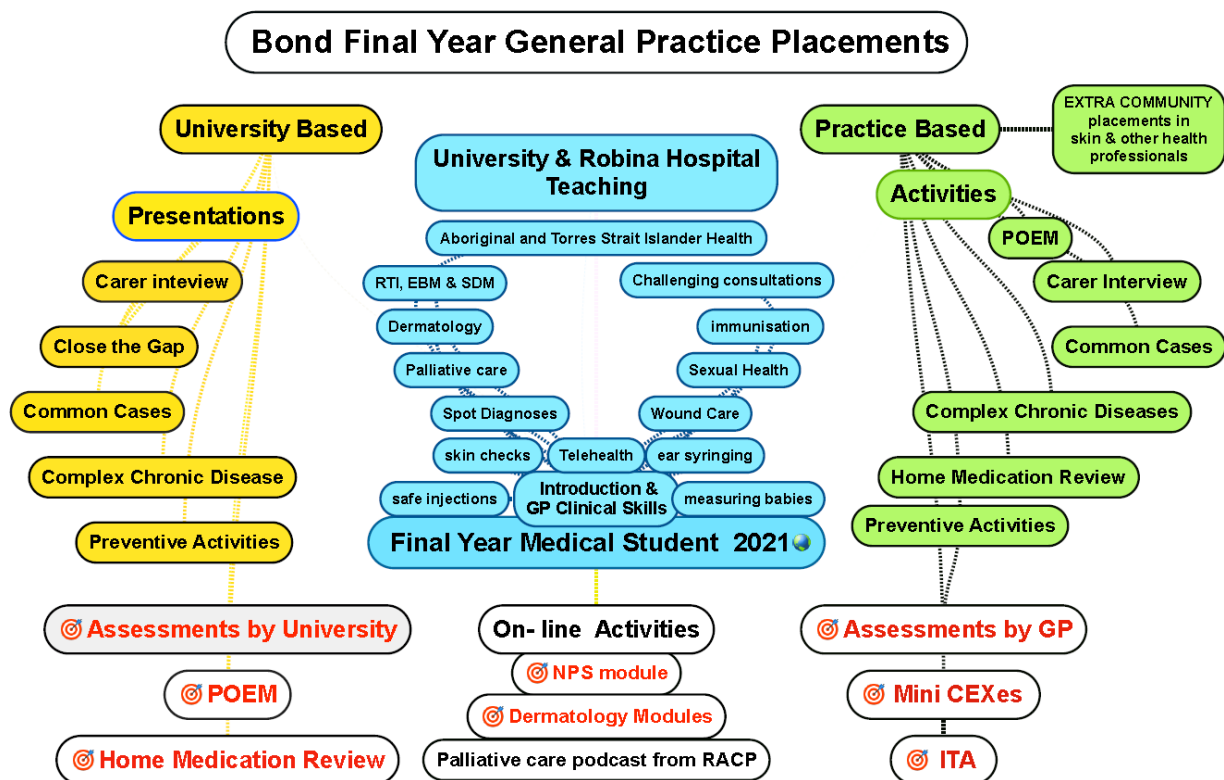
1. One Patient centred case report with POEM (patient orientated evidence that matters)
2. One Carer Interview in the home or GP Clinic (with a carer of someone disabled)
3. One Medication Review in the home or GP Clinic (By the student with assistance from HMR trained pharmacist and/or GP)
4. Two “Brief behavior change interviews” with 2 different patients regarding smoking, nutrition, alcohol/drugs, physical activity or weight. (for discussion at Bond)
5. Complete at least one Health assessment or Health check, or Chronic Disease Management Plan. (To improve understanding of enhanced/ multidisciplinary care)
6. Identify example cases for “common cases and “prevention” group presentations
7. Attend Teaching seminars at Bond (Face to face is the default setting for most depending on pandemic restrictions)
8. Two or more mini CEXes (this may increase to 4 for all rotations in 2021)

Supervising GPs are expected to be informed by students about the above listed activities as their assistance and advice may be needed, also to help them complete GP “In Training Assessment” (ITA)

The students are to share all information about the patients with the GP.

- Case presentations and or case discussions should happen throughout the clinical rotation to reinforce and enhance student learning. These may vary throughout the placement.
- During the clinical placement, in addition to the main GP supervisor, students may be supervised by other GPs, GP registrars, nurses and allied health professionals active in the GP team.

Mind Map of GP Rotation Activities for 2021



Core Topics General Practice Rotation

Symptom Based Approach	Description/examples
Common presentations (* Reduced presentations due to pandemic restrictions)	
Cough*	Bronchitis*
Diarrhoea and/or vomiting*	Gastroenteritis*
Sexually transmitted diseases	Tests are rarely positive
Feeling agitated and nervous	Anxiety & Panic
Fever*	URTI *
Indigestion	Oesophageal reflux
Insomnia	Depression, anxiety
Itch	Eczema, insect bites.
Low mood	Depression
Musculoskeletal pain	Rotator cuff injuries
Rash	Eczema
Red eye	Conjunctivitis
Skin sores	Impetigo
Sore throat and/or earache*	Tonsillitis, Otitis media/externa*
Sports injuries	Knee injuries- e.g. meniscal tears
Swollen ankles	Heart failure
Upper abdominal pain	Gastritis
Vertigo/dizziness	Postural hypotension
Weakness/tiredness	Post viral fatigue
Wheezing	Asthma

Chronic Health Problems (Management options including non-drug)	
Asthma and COPD	
Chronic low back pain	
Diabetes	
Heart failure	
Hypertension	
Ischemic heart disease	
Mental Health conditions	
Obesity	
Osteoarthritis	

Preventive Medicine / Health Promotion	
Domestic violence and other abuse	<ul style="list-style-type: none"> • Physical • Psychological • Sexual
Cancer screening	<ul style="list-style-type: none"> • HPV/cervical screening program
Chronic disease prevention	<ul style="list-style-type: none"> • Cardiovascular
Deprescribing	<ul style="list-style-type: none"> • Less medication related admissions
Developmental assessment	<ul style="list-style-type: none"> • Delayed development
Contraception and sexual health	<ul style="list-style-type: none"> • Including STI & LGBTIQ issues
Immunisations	
Pre-pregnancy and antenatal care	
Social problems	

Acute	Description/examples
Acute abdominal pain	Appendicitis
Acute breathing difficulties	Respiratory failure from: <ul style="list-style-type: none"> • Asthma • COPD • Pneumonia
Acute confusion	Psychosis Delerium
Acute paralysis	Stroke or TIA
Anaphylaxis and /or angioedema	Insect bites Food reactions
Chest pain	Acute coronary syndrome
Collapse	Vaso-vagal or arrhythmia
Fitting/seizure	Febrile convulsions Epilepsy
Haemorrhage	Miscarriage Gastrointestinal bleed
Lacerations and fractures	Fracture of neck of femur or radius Dog bite
Painful red eye and/or visual loss	Herpes simplex Keratitis Glaucoma
Racing or irregular heart beats	Supra Ventricular Tachycardia (SVT) Atrial fibrillation
Severe skin rashes	Cellulitis, erysipelas, Herpes simplex, or zoster

Students should also be aware of the **Australian National Health Priorities** for prevention, early detection and management of the following:

- Cardiovascular disease
- Cancer
- Injury
- Mental Health disorders
- Diabetes
- Asthma
- Arthritis and musculoskeletal conditions
- Obesity

Procedural Skills for General Practice

Skill	Description
History and Communication	
History taking	Take a focused history about any body system
Clinical Reasoning	Application of clinical reasoning in primary care for joint decision making with the patient to develop a management plan
Documentation/Information Management	Demonstrate clear concise clinical notes
Explain to a patient	<ul style="list-style-type: none"> • Common conditions • Investigations and how they are performed • How the results of investigations will influence management • Common treatments • Risks and benefits
Physical Examination (to observe or perform)	
General physical examination	Examine all body parts across all ages
Breast examination	Examine the breast
Vital signs	<ul style="list-style-type: none"> • Temperature • Pulse • Blood pressure • Respiratory rate • Weight • Waist and BMI
Vaginal examination and/or HPV/cervical test	<ul style="list-style-type: none"> • Inspect external genitalia (vulva), • perform a vaginal examination, • perform a bimanual and speculum examination • Take HPV / cervical screening sample
Pregnant abdomen	Examine the pregnant abdomen
Male reproductive organs	Examine male reproductive organs- <ul style="list-style-type: none"> • testes • penis • prostate
Health Assessment	Perform a health assessment/GP management plan

Mental Health Assessment	Use and interpret tools in a GP mental health plan or assessment (K10 or MMSE)
Urine analysis	Perform and interpret a urine dipstick analysis
Urine pregnancy test	Perform and interpret a urine pregnancy test
Procedures (to observe/assist/perform * if pandemic permitted)	
Ankle Brachial index	Perform or assist GP and nurses
Injections	Give injections/vaccinations
Wound management	Swab, clean, debride, manage a wound and apply sutures
Spirometry*	Perform and interpret results of spirometry*
Ultrasound examination	Use to assist GP in diagnosis/care
Inhaler/spacer/nebuliser*	Teach a patient how to use these devices
Investigations	Order and interpret GP relevant blood tests
ECG	Perform and interpret an ECG for common conditions: <ul style="list-style-type: none"> • Cardiac ischemia • Arrhythmias

Clinical Supervision and Assessment

Formal educational sessions occur at Bond every week throughout the clinical rotation to reinforce and enhance student learning. GP teachers are welcome to add their own teaching to the student's placement experience. These sessions may vary throughout the placement.

Students have a number of workplace-based assessments (WBA) to successfully complete as a requirement for progression in the Medical Program. Assessments are completed in Osler ePortfolio, a cloud-based mobile assessment technology.

Students will also have other GP assessments to be presented at Bond by the GP team, such as a **POEM and HMR** and other clinical activities as shown in the Mind Map of GP Rotation Activities for 2021.

In-Training Assessment (ITA) is a workplace-based assessment tool utilised in clinical rotations. In the ITA, the clinical supervisor provides comments about student overall performance on that rotation. The ITA is a summary evaluation of whether students have met the requirements of that rotation for:

- Clinical knowledge
- Procedural skills
- Clinical History taking and physical examination skills
- Clerked Case
- Communication and
- Personal and professional behaviour

ITA: The ITA can only be completed by the supervising Consultant or their delegate after seeking opinion from the team about the student performance. The ITA is due in Week 7.

Mini-CEX: During the clinical placement, students will be supervised by a number of clinicians such as those in specialist training pathways in the medical team. Students are encouraged to participate in active learning by interacting with patients. Students are required to evidence this as Mini-CEXs which can be assessed by these team members.

Procedural Skills:

Bond Medical Students are required to complete the following procedural Skills on patients by the completion of their Phase 2 placements in order to graduate. Nine skills are to be completed on patients under guided supervision whilst 5 procedures are Theory only modules to support skills development.

#	Required Procedural Skill Activities
1	In-dwelling Catheter
2	IV Cannulation
3	Suturing
4	IM injection
5	SC injection
6	ECG
7	Venepuncture (venous blood sample)
8	Blood Culture Sampling
9	Sterile wash hand, gown, and glove
10	Examination of ICU patient – Theory Module only
11	Blood Gas Analysis – Theory Module only
12	Chest X-ray Interpretation – Theory Module only
13	Pulse Oximetry – Theory Module only
14	PPE – Theory Module only

Procedural Skills Assessments are completed by the observing clinician using Osler e-Portfolio.

Clinicians evaluate student procedural skills performance on an Entrustability Rating Scale:

Trust Level	1.	Requires physician assistance / direct instruction
Trust Level	2.	Requires significant supervisor input
Trust Level	3.	Performs independently but requires direct supervision
Trust Level	4.	Safe to perform independently (supervision immediately available)

All WBA are completed on Bond University's Osler ePortfolio App/website. The student requests the supervisor to review their assessment via the ePortfolio. The supervisor can be a user of Osler (require login details) or be requested as a Guest Assessor (email link to assessment). It is recommended to be set up as a user if completing numerous assessments.

Please contact osler@bond.edu.au for further information or to be set up as a user on Osler.

**If you have any concerns regarding any aspect of student behaviour and/or performance
Please contact the GP Lead, Dr Jane Smith (07 5595 4499) or MED Placement Team (0420
928 125 or MED-Placements@bond.edu.au) ASAP.**