

Asynchronous Learning in Clinical Pharmacology: The National Prescribing Curriculum

Introduction

“The National Prescribing Curriculum (NPC) is a series of interactive case-based modules that encourage confident and rational prescribing. The modules follow a stepwise approach as outlined in the WHO's *Guide to Good Prescribing*.” (taken from the NPS MedicineWise website).

In your asynchronous learning in Year 4 and 5 Clinical Pharmacology you will be expected to satisfactorily complete a number of NPC modules. In addition, you are encouraged to complete as many modules as possible, and to continue to work through the modules in Year 6. See the below for details and links to other learning.

Getting Started

1. Go to NPS MedicineWise Learning <http://learn.nps.org.au>

2. Log in

- a. If you already have an [NPS MedicineWise Learning](#) account, login with your existing details.

or

Register (if you are a first time user)

- a. Click the ‘Create new account’ button:
 - b. Fill in the registration form ensuring that you select **University of Auckland** as your organisation.
 - c. Select your **cohort** by choosing the year your current cohort commenced its study/degree e.g. if you are a student in 5th year in 2017 you would select the year 2017.
 - d. New accounts need to be confirmed by email so an active email address is essential.

3. Look for the National Prescribing Curriculum logo (top right) and click on “Start now”

For additional information see the [NPS MedicineWise](#) website.

Year 4 Required Modules

You have two hours allocated to Asynchronous Learning in Year 4. During this time you will be expected to complete the following modules:

	Relevant Clinical Scenario(s)	Relevant Synchronous Learning
Acute coronary syndrome	Acute chest pain (CVS02)	Cardiology Case 2
Chronic obstructive pulmonary disease exacerbation	Chronic shortness of breath (Resp02)	Respiratory Case 2
Peptic ulceration with H. pylori	Upper gastrointestinal bleeding (Abdo07), Chronic upper abdominal symptoms (Abdo12)	Gastroenterology Case 3 and Case 5
Post-operative pain and vomiting	Postoperative care (Ana02)	

Year 4 Recommended Modules

In addition it is recommended that you complete some or all of the following modules:

	Relevant Clinical Scenario(s)	Relevant Synchronous Learning
Acute pulmonary oedema	Heart failure (CVS03)	
Anticoagulation in atrial fibrillation	Arrhythmias (CVS06)	Cardiology Case 3
Prophylaxis of venous thromboembolism	Deep vein thrombosis (Blood03)	Respiratory Case 4
Postoperative pain and vomiting		

Year 5 Required Modules

You have two hours allocated to Asynchronous Learning in Year 5. During this time you will be expected to complete the following modules:

	Relevant Clinical Scenario(s)	Relevant Synchronous Learning
Anaemia	Anaemia (Blood04)	
Confusion in a geriatric patient	Delirium/dementia (Psych08), Dementia/disturbance of memory/cognitive function (N05), Hip fracture (M21), Hyponatraemia (CB01)	Clinical Pathology Case 1
Hypertension	Stroke / TIA / sudden onset unilateral weakness (N07), Stable angina (CVS04), Secondary hypertension (Endo07)	Cardiology Case 4
Polypharmacy	Accidental overdose (ED06)	

Year 5 Recommended Modules

	Relevant Clinical Scenario(s)	Relevant Synchronous Learning
Chronic heart failure	Heart failure (CVS03)	
Insomnia	Anxiety disorder (Psych07)	
Lipid management and CVD risk	Stroke / TIA / sudden onset unilateral weakness (N07), Stable angina (CVS04), obesity (Abdo16)	
Analgesics in persistent pain		

Year 6 Recommended Modules

	Relevant Clinical Scenario(s)	Relevant Synchronous Learning
Acute mania in bipolar disorder	Bipolar affective disorder (Psych05)	
Adolescent depression	Chronic shortness of breath (Resp02)	

Confusion associated with alcohol withdrawal	Alcohol and drug dependence disorders (Psych03), Agitated and combative patient (ED04)	
Glycaemic control in long-established diabetes	Annual eye screen for patient with diabetes (Oph11), Chronic kidney disease / asymptomatic worsening renal function (GU07), Type 2 diabetes (Endo11)	Endocrinology case 3
Opioid dependence	Alcohol and drug dependence disorders (Psych03)	
Seizure	Epilepsy/seizure (N06)	Neurology Case 1
Type 2 diabetes – part 1	Acute presentation of diabetes mellitus (Endo02),	Endocrinology Case 1 and 4
Type 2 diabetes – part 2	Type 2 diabetes (Endo 11), Chronic kidney disease / asymptomatic worsening renal function (GU07)	Endocrinology case 3