



RUSTY PILLS SEMINAR

APPLIED PHARMACOLOGY REFRESHER

DATES:

1-2 April 2019 in Townsville
4-5 April 2019 in Toowoomba
30-31 May 2019 in Bribie Island
13-14 June 2019 in Mackay
18-19 July 2019 in Ballarat
1-2 August 2019 in Sydney
29-30 August 2019 in Maleny
31 Oct – 1 Nov 2019 on Thursday Island
12-13 December 2019 in Hobart

TIME: 8:30AM – 4:30PM**COST:** \$450.00
\$495.00 (1st July 2019)
Payment plans available**CPD:** 14

Two-day seminar – fully catered

Are you a paramedic, nurse or nursing student who never has time to wade through the text books to find out what that drug or this drug is? Doing a pill round can be daunting given the fact that you are expected to understand the drugs that you are giving. Sometimes patients arrive with a bag of pills, or an ice cream container of medications from which you need to record in their medical history. So, ask yourself... Can my medication knowledge and skills be improved upon?

Content includes:

- Understanding concepts like half-life, bioavailability and the metabolism of certain drugs
- Antiplatelet agents like Aspirin and the role they play
- Renal and Hepatic failure drugs and much more....

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Times	Day One Program	
8:30	Pharmacokinetics vs Pharmacodynamics	<ul style="list-style-type: none"> Refreshing your understanding of half-life Bioavailability Metabolism and Elimination of drugs What is a Pro-drug?
Morning Tea		
	Anti-infectives and immune function	<ul style="list-style-type: none"> Basic immunology overview and understanding fever Vaccination and how it all works Understanding the differences between different antibiotics. Anti-viral medications, their role and action Topical agents – silver, sulphur, Chlorhexidine, alcohol
Lunch		
	Pain killers	<ul style="list-style-type: none"> Understanding inflammation and where pain fits in Opioids and other narcotics Paracetamol NSAIDs (Non-steroidal anti-inflammatories)
	Drug therapy use in acute cardiac events – MI and Angina	<ul style="list-style-type: none"> Pathophysiology of MI/angina Role of oxygen in cardiac events Glyceryl Trinitrate and anti-anginals Blood thinners just aren't! Understanding coagulation, anticoagulation and the old and new anti-platelet agents. Thrombolysis and the role of Tenecteplase in MI
	Heart Disease, Hypertension and the common drugs used	<ul style="list-style-type: none"> Overview of BP control normal physiology Antihypertensive medications- action and differences What is inotropy and how do inotropic agents work
16:30	Finish	

Times	Day Two Program	
8:30	Common medications used in Renal disease	<ul style="list-style-type: none"> eGFR and basic function of the nephron Phosphate inhibitors Calcium and other electrolytes Diuretics
Morning Tea		
	Diabetes and glucose regulation	<ul style="list-style-type: none"> Oral hypoglycaemic's Insulins and how they differ Glucagon
Lunch		
	Respiratory disease and medication support	<ul style="list-style-type: none"> Physiology of Asthma and Emphysema Understanding Beta-Adrenergic receptors What puffer is that? Relievers (symptom controllers, SABAs and Anticholinergics) Preventers (steroids and other preventer medications)
	Sedatives used in psychiatry and aged care	<ul style="list-style-type: none"> Haloperidol and droperidol Phenothiazines Antidepressant medications
	Nausea and vomiting	<ul style="list-style-type: none"> Antiemetic medications – Metoclopramide, Ondansetron and Phenothiazine's
16:30	Finish	

N.B. Please note that this timetable is indicative only and is subject to change.