



# ACUTE CARDIAC MODULE-1 SEMINAR

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**DATES:**

30 September 2020 in Hervey Bay  
6<sup>th</sup> October 2020 in Perth

**TIME:** 8:30AM – 4:30PM**COST:** \$305.00

Payment plans available

**CPD:** 7PRESENTED BY ROB TIMMINGS

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**One-day seminar – fully catered**

The ECT4Health acute cardiac module-1 nursing seminar is designed for students in 2nd-3rd year, Paramedics and RNs in acute care settings where oxygen and ECGs are performed.

## Content includes:

- A fundamental overview of cardiac cell physiology, sarcomere function and troponin
- Basic cardiac mechanical function and electrophysiology
- ECG waves, and linking these to pump function
- Basic Lead II (monitor and telemetry) rhythm interpretation
- Recognition of Sinus rhythms, Atrial and other supraventricular rhythms
- AV heart blocks and how to differentiate
- Ventricular and life-threatening rhythm interpretation
- Differential diagnosis for chest pain
- Pathophysiology of acute coronary syndromes.
- Pathogenesis of MI - its assessment and management are reviewed

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## Acute Cardiac Module-1 Seminar

<b>Times</b>	<b>Day One Program</b>
8:30	Introduction – house keeping
8:45	Basic cell biology, ATP and Acidosis
10:00 – 10:20 Morning Tea	
10:20	Cardiac anatomy and physiology overview MAP, cardiac output and electrophysiology
12.00 – 12:40 Lunch	
12:40	Chest pain causes and causes of heart disease
13:30	Assessing the patient complaining of chest pain
14:30 – 14:50 Afternoon Tea	
14:50	Pathophysiology and management of myocardial infarction - current pharmacology.
16:00	Finish

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