



Rhythm Strip and 12 Lead ECG Analysis

The course consists of an eight-hour workshop with coverage of basic and intermediate principles of rhythm strip and ECG analysis for health professionals working in a critical care (or other) environment. The course will briefly review cardiac anatomy and physiology with focus on the cardiac conduction system. The six-step approach will be applied to various rhythms with the pathophysiology, causes and management of bradycardias and tachyarrhythmias discussed. Practical skills such as direct current cardioversion and transcutaneous pacing will be workshopped (practical scenarios for face-to-face courses and tabletop scenarios for online sessions). The course will also cover 12 lead ECG analysis including a review of acute coronary syndromes and scenario-based learning will be used to identify, assess, and manage patients experiencing various acute coronary syndromes.

Who is this course for?

- ✓ Critical care nurses or other healthcare professionals required to cardiac monitor patients in acute care settings
- ✓ Healthcare professionals with basic understanding of the cardiac conduction system looking to expand knowledge and interpretation skills

What you will study

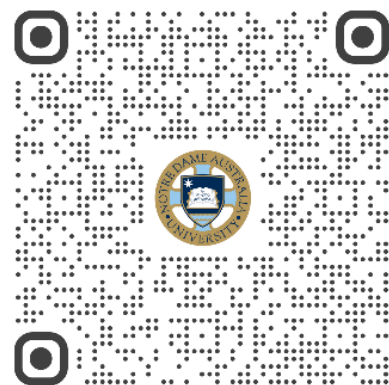
At course completion, participants should be able to:

- ✓ Review the anatomy and physiology of the cardiac conduction system
- ✓ Apply the six-step process to rhythms within case scenarios
- ✓ Discuss the pathophysiology, causes and management of rhythm within the case scenarios
- ✓ Discuss the tachyarrhythmia and bradycardia algorithms and their use within scenarios
- ✓ Understand the principles and use of direct current cardioversion and transcutaneous pacing
- ✓ Discuss coronary artery anatomy and acute coronary syndrome pathophysiology, causes, diagnosis, and management
- ✓ Review ischaemic and infarction related ECG changes, ECG regions and their correlation to coronary arteries
- ✓ Interpret 12 lead ECGs within patient scenarios and discuss the management considerations for each patient

Registrations are now open for 2024 courses

DATES	LOCATION
Thursday 8th February Thursday 18th July Tuesday 10th December	Online
TIME	COST
0830-1630 AWST	\$275 (inc GST)
	CPD HOURS
	8 hours

Register using the QR code or via the website below



For further information please contact the
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<https://www.notredame.edu.au/study/short-courses>

