

Empowering nurses to build capability in cardiology nursing practice



The Cardiology Nursing Transition to Specialty Practice Program builds registered nurses' knowledge and capability to deliver safe, quality care for people with cardiovascular conditions. The eLearning module elements can be completed within the program's learning pathway or as standalone options.

The learning pathway provides a consistent and standardised cardiology education program that includes six eLearning modules, resources and aligned capability assessments. Practical and engaging modules support you to:

- apply anatomy, physiology and pathophysiology knowledge
- perform comprehensive assessments of cardiac patients
- plan, deliver and evaluate nursing care, focused on reducing risks.

Ready to advance your cardiology practice?

Self-enrol in the eLearning modules or contact your local coordinator or educator to enquire about joining the program.

Search for **Cardiology**

630896776, 633654322, 635210120, 635210235, 632428053, 635210421

These modules were developed in partnership with the Agency for Clinical Innovation (ACI) Cardiac Network and NSW Health Local Health Districts.

Cardiology Nursing Transition to Specialty Practice Program eLearning modules



Cardiology Module 1: Introduction to cardiac nursing

Course code 630896776

This first module introduces you to your roles and responsibilities, the principles of care, relevant standards and cardiac services.

Topics:

- Introduction to cardiac services
- Role of the transition nurse in cardiac services
- The burden of cardiovascular disease
- Caring for the cardiac patient
- Safe transfer of the cardiac patient
- Caring for yourself

Cardiology Module 2: Cardiac anatomy and physiology

Course code 633654322

This module explores the anatomy and physiology of the cardiovascular system and methods for assessing and monitoring cardiovascular function. You will learn about the heart's structure, function and performance, and how to perform a focused cardiovascular assessment.

Topics:

- Cardiovascular anatomy
- Physiology of the cardiovascular system
- Cardiac output and blood pressure
- Haemodynamic monitoring
- Performing a focused cardiovascular assessment
- Diagnostic tools in cardiac care

Cardiology Module 3: Caring for patients with cardiac arrhythmias

Course code 635210120

In this module, you will learn about the pathophysiology, assessment, diagnostics and management of patients with arrhythmias.

Topics:

- Introduction to cardiac arrhythmias
- Pathophysiology of cardiac arrhythmias
- Assessment of patients with cardiac arrhythmias
- Diagnostics and interventions
- Management of bradyarrhythmias
- Management of tachyarrhythmias
- Recovery, rehabilitation and secondary prevention

Cardiology Module 4: Caring for patients with acute coronary syndromes

Course code 635210235

In this module, you will learn about the pathophysiology, assessment, diagnostics and management of patients presenting with acute coronary syndromes (ACS).

Topics:

- Introduction to acute coronary syndromes
- Pathophysiology of acute coronary syndromes
- Diagnostics and investigations for acute coronary syndromes
- Assessment of the patient with acute coronary syndromes
- Management of acute coronary syndromes
- Recovery, rehabilitation and secondary prevention

Cardiology Module 5: Caring for patients with heart failure

Course code 632428053

This module covers caring for patients with heart failure and explores the complexities of heart failure care.

Topics:

- Introduction to heart failure
- Pathophysiology of heart failure
- Assessment of the patient with heart failure
- Diagnostics and interventions
- Management of the patient with chronic heart failure
- Management of the patient with acute heart failure
- Heart failure and the end of life

Cardiology Module 6: Caring for patients with structural heart disease

Course code 635210421

This module outlines the pathophysiology, assessment, diagnostics and management of common structural heart diseases.

Topics:

- Introduction to structural heart disease
- Pathophysiology of structural heart disease
- Assessment of the patient with structural heart disease
- Diagnostics and investigations
- Surgical management and interventions
- Recovery, rehabilitation and secondary prevention

