



Australian Government

Assessment Requirements for HLTENN024

Apply nursing practice in the cardiovascular care setting

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in <i>HLT Health Training Package release 3.0</i> and meets the requirements of the 2012 Standards for Training Packages. Significant changes to the elements and performance criteria. New evidence requirements for assessment, including volume and frequency requirements. Minimal change to knowledge evidence. Supersedes HLTEN610B

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- undertaken nursing work in accordance with Nursing and Midwifery Board of Australia professional practice standards, codes and guidelines
- performed the following nursing care interventions on no fewer than 3 people with a cardiovascular condition in the workplace:
 - administration of (non-invasive) continuous positive airway pressure (CPAP) and bilevel positive airway pressure (BiPAP)
 - peripherally inserted central catheter (PICC)/midline management
 - monitoring of electrocardiograph readings for abnormalities
 - under water seal drain management
- in undertaking the above, used advanced communication skills and medical terminology to communicate effectively with the person, family or carer, and the registered nurse and other health professionals to record or report the person's outcomes.

Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- the following issues and manifestation, sufficiently in-depth and specialised to make considered judgements and to make professional contributions to cardiovascular nursing care:
 - physiology and pathophysiology related to cardiovascular issues
 - emergency care of cardiovascular issues (knowledge and execution)
 - clinical manifestations of chronic disease states
- cardiovascular conditions including:
 - congestive heart failure
 - acute pulmonary oedema
 - pulmonary embolism
 - arrhythmia:
 - ventricular tachycardia
 - ventricular fibrillation
 - asystole
 - symptomatic brady and tachycardia
 - atrial fibrillation
 - congenital heart defects:
 - accessory pathways
 - septal defects
 - tetralogy of Fallot
 - dextracardia
 - ischaemic heart disease - angina and myocardial infarction
 - heart valve dysfunction
 - sub-acute bacterial endocarditis
 - pericarditis
 - acute chest pain
 - cardiomyopathy
 - carotid stenosis
 - abdominal aortic aneurysm
 - peripheral vascular disease
 - deep vein thrombosis
 - actual and potential problems relating to cardiovascular conditions including:
 - electrolyte imbalance
 - fluid overload
 - hypoxia, hypoxaemia
 - chest pain
 - structural heart damage
 - sepsis
 - haemorrhage
 - neurovascular damage including cerebral vascular accident

- vessel occlusion
- pneumothorax
- pacemaker lead displacement
- arrhythmia
- exercise intolerance
- cardiovascular procedures including:
 - cardiac stents
 - percutaneous transluminal coronary angioplasty (PTCA) with or without stent
 - pacemaker (temporary or permanent)
 - cardiac access vascular graft (CAVG)
 - mitral valvotomy
 - electrophysiology studies, with or without ablation
 - implantable cardioverter defibrillator (ICD)
 - cardioversion
 - echocardiogram
 - exercise stress test
 - nuclear medicine scans
 - transoesophageal echocardiogram (TOE)
 - hyper and hypo tension
 - pericardiocentesis
 - abdominal aortic aneurysm (AAA) repair
 - varicose veins
 - amputations
- actions designed to maximise cardiovascular function and minimise potential complications
- reflective practice and evidence-based best practice for cardiovascular nursing.

Assessment Conditions

Skills must have been demonstrated in the workplace with the addition of simulations and scenarios where the full range of contexts and situations cannot be provided in the workplace. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources in line with the Australian Nursing and Midwifery Accreditation Council's Standards including:
 - simulated learning environment with simulation manikins suitable for advanced clinical nursing skills
 - CPAP and BiPAP (non-invasive) devices
 - PICC lines and CVC lines
 - underwater seal drains
 - suctioning equipment
 - vital sign monitoring equipment

- progressive notes of a de-identified person's medical history
- organisation policy and procedures on which the candidate bases the planning
- modelling of industry operating conditions including access to real people for simulations and scenarios in enrolled nursing work.

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors.

In addition, assessors must hold a current registration as a registered nurse with Nursing and Midwifery Board of Australia.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>