



Australian Government

Assessment Requirements for HLTCAR001 Perform electrocardiography (ECG)

Release: 1

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Modification History

Release	Comments
Release 1	<p>This version was released in <i>HLT Health Training Package release 2.0</i> and meets the requirements of the 2012 Standards for Training Packages.</p> <p>Merged HLTCA401/HLTPAT407. Minimal changes to the elements and performance criteria. New evidence requirements for assessment, including volume and frequency requirements. Significant change to knowledge evidence.</p>

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:

- followed established technical, infection control and safety requirements and produced at least 3 different ECG traces satisfactory for diagnostic purpose
- identified and responded appropriately to situations of interference, increased amplitude or wandering baseline

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:

- legal and ethical considerations for ECGs, and how these are applied in organisations, including:
 - children in the workplace
 - duty of care
 - informed consent
 - mandatory reporting
 - privacy, confidentiality and disclosure
 - records management
 - work role boundaries
 - work health and safety

- standard infection control requirements
- key features of AS/NZS 3200.1.2:2005 and AS/NZ 3551:2012 or their successors, in relation to ECG equipment,
- client factors that affect ECG, including:
 - physical limitations
 - respiratory function
- features, function and use of ECG equipment, including:
 - pre-checking and calibration procedures
 - electrical safety requirements
 - common problems and how to respond
 - routine maintenance requirements
- sources of interference, including:
 - client
 - equipment
 - environment
- quality requirements for ECG tracing
- anatomy and physiology of the heart
- normal and abnormal ECG rhythms

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - ECG machine and associated leads/electrodes
 - client furniture
 - documented procedures for the candidate to follow
- modelling of industry operating conditions, including:
 - interaction with clients
 - presence of situations requiring problem solving

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

Links

Companion Volume implementation guides are found in VETNet -

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