



Australian Government

HLTAHA026 Support the medical imaging professional

Release: 1

HLTAHA026 Support the medical imaging professional

Modification History

Release	Comments
Release 1	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. Minimal changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements.

Application

This unit describes the skills and knowledge required to conduct activities essential for the functioning of a medical imaging environment, including, specialist cleaning, stock maintenance and set-up requirements.

This unit applies to workers assisting a medical imaging professional in a hospital or community based setting. It does not equip a worker to perform medical imaging. All work should be performed under direction and supervision as determined by a medical imaging professional.

The skills in this unit must be applied in accordance with Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

Elements define the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element.

1. Contribute to set-up for medical imaging

- 1.1 Assist with examination room preparation and tidiness
- 1.2 Refill medical imaging paper printer and film printer
- 1.3 Assist with the maintenance of hard copy film processor
- 1.4 Safely transport mobile X-ray and ultrasound equipment
- 1.5 Identify and report perceived equipment issues to the appropriate person

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element.

2. Clean medical imaging equipment and environment within scope of responsibility

2.1 Clean medical imaging equipment using appropriate materials and according to manufacturer's requirements according to instructions from a medical imaging professional

2.2 Clean examination rooms as required

2.3 Contribute to the maintenance of a tidy and clean medical imaging environment

2.4 Conduct cleaning according to infection control requirements

2.5 Document cleaning processes according to organisation protocols

2.6 Use and dispose of cleaning materials and other waste according to manufacturer and organisation guidelines

3. Maintain medical imaging stock

3.1 Maintain levels of disposable stock according to organisation protocols

3.2 Monitor medical imaging supplies and order where required

3.3 Maintain adequate stocks of clean linen

3.4 Monitor oxygen cylinders and order when required

4. Provide client support for the imaging process

4.1 Assist the medical imaging professional with client transfers and movement in a manner consistent with safety requirements, medical imaging requirements, relevant lifting policies and infection control requirements according to instructions from a medical imaging professional

4.2 Assist with client and process needs during the medical imaging process under the direction of the medical imaging professional

4.3 Ensure own actions do not compromise sterile field

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element.

5. Work safely in a medical radiation environment

5.1 Work in a manner consistent with radiation protection principles

5.2 Comply with organisation's radiation management plan

5.3 Use required personal protective equipment and personal monitoring in the medical imaging environment

5.4 Comply with all safety signs in the medical imaging environment

5.5 Report any concerns about radiation safety according to organisation protocols

Foundation Skills

The Foundation Skills describe those required skills (such as language, literacy, numeracy and employment skills) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for HLTAHA026 Support the medical imaging professional

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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:

- supported the functioning of a medical imaging environment by conducting set up, equipment cleaning and stock control, in 1 simulated environment and then in 1 workplace

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:

- awareness and understanding of requirements for those dispensing ionising radiation to hold a Use License with the appropriate authority in that state/territory
- different medical imaging processes, what they are used for, the procedure and length of time to undertake the procedure and the images produced by each procedure, including:
 - general radiography
 - mammography
 - fluoroscopy
 - computed tomography (CT) scanning
 - magnetic resonance imaging (MRI) scanning
 - ultrasound
 - angiography
 - bone densitometry
- personal radiation safety requirements in the medical imaging environment, including:

- radiation protection principles
- awareness of the hierarchy of control measures
- responsibilities of employees and employers under relevant regulations and codes
- emergency procedures
- use and care of personal protective equipment (PPE) and monitoring equipment safety signs and their meaning
- legal and ethical considerations relevant to medical imaging:
 - privacy, confidentiality and disclosure
 - work health and safety (WHS) requirements within the medical imaging environment, including personal safety requirements in an MRI environment and hierarchy of MRI field control measures
- quality requirements associated with the maintenance of a medical imaging environment
- organisation policies and protocols in relation to aspects of medical imaging in own work role, including:
 - stock maintenance
 - specialist cleaning
 - set-up
 - infection control requirements for specialist cleaning

Assessment Conditions

All aspects of the performance evidence must have been demonstrated using simulation prior to being demonstrated in a therapeutic workplace under direction and supervision (direct, indirect, remote) as determined by the medical imaging professional.

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - medical imaging equipment and guidelines
 - radiation management plan
 - PPE
- modelling of industry operating conditions and contingencies, including provision of services to real people

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

Links

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