



Australian Government

HLTTHE001 Handle and care for operating theatre equipment

Release: 1

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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. Merged HLTTH302D/HLTTH404D. Significant 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 prepare theatre equipment, provide basic maintenance support, and contribute to effective use of equipment by providing basic instruction to others on equipment operation.

This unit applies to operating theatre technicians and other theatre staff who work under supervision in the operating theatre.

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. Select and prepare operating theatre equipment

1.1 Identify equipment and consumables requirements, based on consultation with operating theatre team, review of operating list and surgeon preferences

1.2 Set up, correctly position, and check equipment and consumables in accordance with standard and additional infection control procedures

1.3 Assemble, connect and test components in accordance with specific equipment requirements

1.4 Re-position equipment during theatre procedures, as required by specific procedure

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes

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

1.5 Accurately document the use of theatre equipment as required

1.6 Withdraw from use and replace equipment if considered not safe for use

2. Support equipment maintenance

2.1 Identify and correct minor equipment problems within scope of own job role

2.2 Refer equipment maintenance to a specialist as required by scope and nature of problem and organisation policy and procedures

2.3 Maintain accurate maintenance log book as required

2.4 Schedule equipment for maintenance based on the needs of the operating theatre

2.5 Maintain communication with relevant operating theatre staff in relation to equipment maintenance

3. Disassemble and store operating theatre equipment

3.1 Follow shut-down procedures in accordance with manufacturer's recommendations

3.2 Assemble and disassemble equipment in accordance with manufacturer's recommendations and manual task risk principles

3.3 Dispose of waste in accordance with infection control protocols and organisation policies and procedures

3.4 Clean equipment using cleaning agent suited to the equipment and in accordance with organisation policy and procedures

3.5 Safely store equipment in accordance with manufacturer's recommendations and manual task risk principles

4. Contribute to operating theatre operations

4.1 Provide clear and correct instructions on equipment operation to individual members of the theatre team as required

4.2 Review equipment effectiveness from a theatre

ELEMENT

Elements define the essential outcomes

PERFORMANCE CRITERIA

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

technician's perspective and provide feedback to relevant personnel

4.3 Participate as required in team evaluations of equipment being considered for potential purchase and share information from the theatre technician's perspective

Foundation Skills

The Foundation Skills describe those required skills (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 HLTTHE001 Handle and care for operating theatre equipment

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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:

- followed established technical, infection control and safety procedures and instructions for set-up, shut-down, cleaning and storage of operating theatre equipment on at least 3 occasions
- performed routine maintenance procedures on at least 3 different types of equipment

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:

- scope of operating theatre technician role in working with equipment, including limitations
- medico-legal implications in relation to the use of equipment by the technician in the operating suite environment
- standard and additional infection control procedures that apply to:
 - the operating theatre environment
 - equipment within the operating theatre
- types of theatre equipment and their purpose, including:
 - theatre fixtures and fittings
 - furniture
 - surgical equipment

- consumables and their sustainable use
- features of operating theatre equipment in relation to:
 - set up
 - assembly and connection
 - preparation for use
 - safe manual handling and risk factors for manual tasks
- intra-operative client safety considerations concerning the location and movement of equipment
- routine equipment maintenance procedures, including:
 - checking
 - calibration
 - cleaning
 - replacement of consumables
 - scheduled maintenance
- types of problems that occur with operating theatre equipment and when specialist maintenance is required
- procedures for organising specialist maintenance

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:
 - a fully equipped operating theatre
 - documented procedures for the candidate to follow
- modelling of industry operating conditions, including presence of situations requiring problem solving

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

Links

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