



Australian Government

Department of Education, Employment and Workplace Relations

HLTMT411C Screen tissue donors

Release: 1

HLTMT411C Screen tissue donors

Modification History

HLT07 Version 4	HLT07 Version 5	Comments
HLTMT411B Screen tissue donors	HLTMT411C Screen tissue donors	ISC upgrade changes to remove references to old OHS legislation and replace with references to new WHS legislation. No change to competency outcome.

Unit Descriptor

Descriptor

This unit of competency describes the skills and knowledge required to select suitable cadaveric donors for bone, eye, skin and heart valve tissues and notifying the donor co-ordinator for transplantation of research

Application of the Unit

Application

This unit applies to workers within a mortuary environment who are expected to work with the donations of tissues for transplantation or research

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills

This unit contains Employability Skills

Elements and Performance Criteria Pre-Content

Elements define the essential outcomes of a unit of competency.

The Performance Criteria specify the level of performance required to demonstrate achievement of the Element. Terms in italics are elaborated in the Range Statement.

Elements and Performance Criteria

ELEMENT

1. Assess suitability for donation

PERFORMANCE CRITERIA

- 1.1 Determine general suitability using regular tissue selection criteria
- 1.2 Check donor's recent health history and medications to determine donor suitability
- 1.3 Compare information provided through autopsy with existing records and identify discrepancies
- 1.4 Determine age and weight limits meet donor *selection criteria*
- 1.5 Determine that *tissue* meets donor selection criteria
- 1.6 Check for any tissue abnormality
- 1.7 Where information is obtained which indicates that the donor may be unsuitable, seek further guidance is explained clearly and sensitively and accurate information is passed on to the appropriate person

ELEMENT**PERFORMANCE CRITERIA**

- | | |
|--|---|
| 2. Determine donor willingness/ability to donate | <ul style="list-style-type: none">2.1 Establish <i>donor's consent</i> for donation and purpose of donation2.2 Explain the donation process accurately to relevant other/s in a manner that meets needs2.3 Determine relevant other/s understanding of the process2.4 Explain timeframes2.5 Obtain consent from relevant other/s where necessary2.6 Document decisions |
| 3. Remove donated tissue | <ul style="list-style-type: none">3.1 Undertake removal of donated tissue in accordance with organisation policies and procedures and work health and safety (OHS) requirements3.2 Store donated tissue in accordance with organisation policies and procedures and WHS requirements3.3 Notify donor co-ordinator of donation and availability of tissue3.4 Arrange for transportation of tissue and/or long term storage in accordance with organisation policies and procedures and WHS requirements |
| 4. Document outcomes | <ul style="list-style-type: none">4.1 Enter relevant information clearly and accurately into the donor record4.2 Ensure all actions are document in accordance with organisation policies and procedures4.3 Maintain records in accordance with organisation policies and procedures and WHS requirements4.4 Maintain the confidentiality of the donor |

Required Skills and Knowledge

This describes the essential skills and knowledge and their level required for this unit.

Essential knowledge:

The candidate must be able to demonstrate essential knowledge required to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes knowledge of:

- Importance and potential impact of the quality of the donation
- Reasons for careful selection of tissue components
- Selection procedure
- Testing procedures
- Tissue storage and transportation processes and ramifications
- Understanding of donor consent/declaration forms
- Understanding of general donor selection criteria, including
 - age
 - weight
 - family history
 - lifestyle
 - occupational activities
 - recreational activities
 - WHS
 - workers compensation

Essential skills:

It is critical that the candidate demonstrate the ability to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes the ability to:

- Demonstrate communication skills
- Remove and store tissue in accordance with organisation policies and procedures and good manufacturing practice guidelines
- Use information management to ensure all donor information is recorded accurately

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate this competency unit:

- The individual being assessed must provide evidence of specified essential knowledge as well as skills
- Observation of workplace performance is essential for assessment of this unit
- Consistency of performance should be demonstrated over the required range of situations relevant to the workplace
- Where, for reasons of safety, space, or access to equipment and resources, assessment takes place away from the workplace, the assessment environment should represent workplace conditions as closely as possible

Method of assessment

- Observation in the work place (if possible)
- Written assignments/projects or questioning should be used to assess knowledge
- Case study and scenario as a basis for discussion of issues and strategies to contribute to best practice
- Clinical skills involving direct client care are to be assessed initially in a simulated clinical setting (laboratory)
If successful, a second assessment is to be conducted during workplace application under direct supervision

Access and equity considerations:

- All workers in the health industry should be aware of access and equity issues in relation to their own area of work
- All workers should develop their ability to work in a culturally diverse environment
- In recognition of particular health issues facing Aboriginal and Torres Strait Islander communities, workers should be aware of cultural, historical and current issues impacting on health of Aboriginal and Torres Strait Islander people
- Assessors and trainers must take into account relevant access and equity issues, in particular relating to factors impacting on health of Aboriginal and/or Torres Strait Islander clients and communities

Range Statement

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Tissues may include:

- Bone
- Eye
- Skin
- Heart valve

Selection criteria may include but are not limited to:

- Medical and social history
- Pathology testing results including
 - virology screening
 - PCR NAT testing
 - pre-mortem results
- Age limitations
- Physical examination

Donor consent may include

- Senior available next of kin
- Designated officer
- Tissues to be procured

Purpose of donation may include:

- Transplantation
- Research

Regulations and standards may include:

- Australian Code of Good Manufacturing Practice For Therapeutic Goods - Human blood and Tissue Components
- MIMS Index of Therapeutic Agents (Drugs)
- International Travel and Health Vaccination Requirements and health Advice, World Health Organisation, Geneva, Current edition

Factors that influence the importance and potential impact on the quality of the donation may include

- Infectious diseases and their incubation periods
- Sexual or mucosal contact or exchange of body fluids
- Commonly used medicines and their side effects
- Weight limits
- How frequently a potential donor may donate for varying types of donations
- Geographical locations which require special consideration
- Hazardous occupations/recreational activities
- Effect of invasive procedures, for example tattooing
- Passive immunisation and vaccinations
- Past and present medical conditions other than infections
- Injuries and illnesses
- Recent major surgery

Reasons for the careful selection of tissue donors may include:

- Health of donor prior to death
- Safety of blood sample
- Safety of recipients
- Safety of customer service
- Production of a quality product
- Safety of staff

Unit Sector(s)

Not Applicable