



Australian Government

HLTAID015 Provide advanced resuscitation and oxygen therapy

Release: 2

HLTAID015 Provide advanced resuscitation and oxygen therapy

Modification History

Release	Comments
Release 2	Minor grammatical changes to ensure clarity. Equivalent outcome. Updated mapping details.
Release 1	HLTAID015 Provide advanced resuscitation and oxygen therapy supersedes and is not equivalent to HLTAID007 Provide advanced resuscitation.

Application

This unit describes the skills and knowledge required to use specialised equipment in the provision of resuscitation and oxygen therapy in line with the Australian Resuscitation Council (ARC) guidelines.

This unit applies to persons who may be required to use specialised equipment to provide resuscitation or oxygen therapy in a range of complex situations, including community and workplace settings.

Specific licensing/regulatory requirements relating to this competency, including requirements for refresher training should be obtained from the relevant national/state/territory Work Health and Safety Regulatory Authorities.

Pre-requisite Unit

HLTAID011 Provide First Aid

Elements and Performance Criteria

ELEMENT

Elements define the essential outcomes.

1. Respond to an emergency situation.

PERFORMANCE CRITERIA

Performance criteria specify the level of performance needed to demonstrate achievement of the element.

- 1.1. Recognise and assess an emergency situation.
- 1.2. Ensure safety for self, bystanders and casualty.
- 1.3 Assess the casualty and recognise the need for CPR, advanced resuscitation response or oxygen therapy.

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes.

Performance criteria specify the level of performance needed to demonstrate achievement of the element.

	1.4. Manage life-threatening bleeding. 1.5. Seek assistance from emergency services. 1.6. Ensure environment is safe for delivery of oxygen.
2. Perform resuscitation procedures.	2.1. Perform single-rescuer cardiopulmonary resuscitation (CPR) or two-rescuer resuscitation procedures, including use of oxygen, in accordance with the ARC guidelines and availability of rescuers. 2.2. Display respectful behaviour towards casualty. 2.3. Use available resources and equipment according to manufacturers' instructions.
3. Deliver oxygen therapy.	3.1. Identify need for oxygen therapy, including by using a pulse oximeter. 3.2. Use appropriate delivery device to provide oxygen. 3.3. Monitor casualty condition and rectify issues preventing adequate treatment.
4. Communicate details of the incident.	4.1. Accurately convey incident details to emergency services. 4.2. Report details of incident in line with appropriate workplace or site procedures. 4.3. Complete applicable documentation, including incident report form. 4.4. Maintain privacy and confidentiality of information in line with statutory or organisational policies.
5. Review the incident.	5.1. Recognise the possible psychological impacts on self and other rescuers and seek help when required. 5.2. Contribute to a review of the first aid response as required. 5.3. Check, maintain and clean equipment ready for future use.

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

HLTAID015 Provide advanced resuscitation and oxygen therapy supersedes and is not equivalent to HLTAID007 Provide advanced resuscitation.

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 HLTAID015 Provide advanced resuscitation and oxygen therapy

Modification History

Release	Comments
Release 2	Minor grammatical changes to ensure clarity, equivalent outcome. Updated mapping details.
Release 1	HLTAID015 Provide advanced resuscitation and oxygen therapy supersedes and is not equivalent to HLTAID007 Provide advanced resuscitation.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the workplace or community setting.

There must be evidence that the candidate has completed the following tasks in line with State/Territory regulations, first aid codes of practice, first aid guidelines determined by the Australian Resuscitation Council (ARC) and other Australian national peak clinical bodies and workplace or site procedures:

- managed, in line with ARC guidelines, the unconscious, breathing casualty including appropriate positioning to reduce the risk of airway compromise
- managed, in line with ARC guidelines, the unconscious, non-breathing adult including:
 - performing at least 2 minutes of uninterrupted single rescuer cardiopulmonary resuscitation (CPR) (5 cycles of both compressions and ventilations) on an adult resuscitation manikin placed on the floor
 - performing at least 2 minutes of bag-valve-mask (with oxygen) ventilation and at least 2 minutes of compression during resuscitation procedures involving at least two rescuers on an adult resuscitation manikin placed on the floor
 - selecting and inserting an appropriate basic airway adjunct
 - responding appropriately using positioning and suctioning in the event of regurgitation or vomiting
 - demonstrating a rotation of operators with minimal interruptions to compressions
 - following the prompts of an Automated External Defibrillator (AED) to deliver at least one shock
 - managing oxygen equipment appropriately
 - handing over to emergency services
- managed, in line with ARC guidelines, the unconscious, non-breathing infant, including:

- performing at least 2 minutes of uninterrupted single rescuer CPR (5 cycles both compressions and ventilations) on an infant resuscitation manikin placed on a firm surface
- managed a casualty with life-threatening bleeding requiring use of tourniquets and haemostatic dressings
- used personal protective equipment (PPE) as required
- managed a conscious casualty who requires supplemental oxygen, including:
 - assessing vital signs respirations, pulse, oxygen saturation
 - level of consciousness
 - selecting and preparing correct oxygen equipment
 - checking area for ventilation and sources of ignition
 - administering oxygen safely at correct flow rate
 - managing an equipment malfunction
 - providing an accurate verbal and written report of the incident
 - reviewing the incident
- monitored and coordinated maintenance of resuscitation equipment and oxygen therapy equipment, including:
 - dismantling
 - storage
 - disposal
 - cleaning and decontamination
 - checking and diagnosis of faults.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- guidelines and procedures including:
 - ARC guidelines relevant to life threatening bleeding, managing the unconscious breathing and non-breathing casualty and provision of CPR and oxygen therapy
 - potential incident hazards and risk minimisation processes when providing first aid, including Oxygen Therapy and Advanced Resuscitation Techniques
 - infection control procedures, including use of standard precautions and resuscitation barrier devices
 - safe work practices to deal with oxygen cylinders and associated equipment
 - first aid codes of practice
 - appropriate workplace or site procedures relevant to the provision of first aid
 - contents of first aid kits
 - requirements for currency of skill and knowledge
- legal, workplace and community considerations, including:
 - duty of care requirements

- own skills and limitations
- consent and how it relates to the conscious and unconscious casualty
- privacy and confidentiality requirements
- awareness of potential need for stress management techniques and available support for rescuers
- in relation to the administration of oxygen:
 - legal requirements
 - the five rights
 - the responsibilities of the first aider
- considerations when providing resuscitation, including:
 - upper airway and effect of positional change
 - appropriate duration and cessation of CPR
 - appropriate use of an AED
 - safety and maintenance procedures for an AED
 - chain of survival
 - how to access emergency services
 - use of suction devices
 - benefits, contraindications and complications with the use of a basic airway adjunct
- techniques for providing CPR to adults, children and infants including:
 - how to recognise that a casualty is unconscious and not breathing normally
 - rate, ratio and depth of compressions and ventilations
 - correct hand positioning for compressions
 - basic anatomy, physiology and the differences between adults, children and infants relating to CPR
- assessment and interpretation of vital signs including normal clinical values for respirations, pulse, oxygen saturation
- level of consciousness
- how to use a suction device
- signs, symptoms and management of life-threatening bleeding including use of tourniquets and haemostatic dressings
- considerations when providing oxygen to a casualty, including:
 - circumstances and conditions where oxygen is beneficial
 - circumstances and conditions where oxygen should not be used
 - contraindications and complications associated with providing oxygen
 - benefits, contraindications and complications of suction during advanced resuscitation
 - complications with the use of a bag-valve-mask device and suitable strategies to minimise these
 - selection and operation of oxygen masks and other appropriate oxygen therapy devices
- methods for cleaning, replenishing, recharging and maintaining resuscitation and oxygen equipment including:
 - actions to rectify problems

- procedures to ensure operational readiness as per manufacturers' guidelines and site procedures
- storage, cleaning, decontamination and safe disposal of consumables
- troubleshooting to identify minor and major faults
- psychological impacts of first aid incidents on rescuers and how to seek help.

Assessment Conditions

Each candidate to demonstrate skills in an environment that provides realistic in-depth, scenarios and simulations to assess candidates' skills and knowledge.

Due to the nature of this type of training, it is acceptable for the performance evidence to be collected in a simulated environment. Evidence of the learner's currency as required by the first aid codes of practice must be confirmed prior to assessment.

Compression and ventilation skills must be demonstrated on resuscitation manikins following ARC guidelines for the purpose of assessment of CPR procedures.

Assessment must ensure access to:

- adult and infant resuscitation manikins following ARC guidelines for the purpose of assessment of CPR procedures
- anatomical model for use with a basic airway adjunct
- AED training devices
- bag-valve-mask
- basic airway adjunct
- oxygen resuscitation system with oxygen cylinder and regulator
- pulse oximeter
- selection of oxygen masks and tubes
- suction devices
- personal protective equipment (PPE)
- haemostatic dressings
- haemostatic wound packing trainer
- tourniquet trainer
- tourniquets
- workplace incident, injury, trauma or illness record or other appropriate workplace or site incident report form, which includes space for recording vital signs of casualties.

Simulated assessment environments must simulate real-life situations where these skills and knowledge would be performed, with all the relevant equipment and resources of that workplace or community environment.

Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and must hold this unit or demonstrate equivalent skills and knowledge to that contained within this unit.

Links

Companion Volume implementation guides are found in VETNet -

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