

10392NAT
Course in Emergency Asthma
Management

Version 1, September 2013

VERSION HISTORY

Version 1	01/10/2013	Original accreditation
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Section A: Copyright and course classification information

1. Copyright owner of the course	The Asthma Foundation of Victoria							
2. Address	<p>Robin Ould, Chief Executive Officer The Asthma Foundation of Victoria 479-481 King Street WEST MELBOURNE, VIC 3003 Tel: (03) 9326 7088 Fax: (03) 9326 7055 Email: rould@asthma.org.au</p> <p>Day to Day Contact:</p> <p>Brendon Harré Training Coordinator 479-481 King Street WEST MELBOURNE, VIC 3003 Tel: (03) 9326 7088 Fax: (03) 9326 7055 Email: bharre@asthma.org.au</p>							
3. Type of submission	Renewal of accreditation.							
4. Copyright acknowledgement	The copyright owner of the unit of competency developed for inclusion in this course is The Asthma Foundation of Victoria.							
5. Licensing and franchise	<p>The Asthma Foundation of Victoria will establish licensing or franchising arrangements with interested parties and reserves the right to levy a licensing or franchising fee. Information on such arrangements can be obtained from</p> <p>Brendon Harré Training Coordinator 491-495 King Street WEST MELBOURNE, VIC 3003 Tel: (03) 9326 7088 Fax: (03) 9326 7055 Email: bharre@asthma.org.au</p>							
6. Course accrediting body	The Australian Skills Quality Authority (ASQA)							
7. AVETMISS information	<table border="1"> <tr> <td><i>ANZSCO Code</i></td> <td>Gen 20 Non-industry specific training</td> </tr> <tr> <td><i>ASCED Code</i></td> <td>0613 Public Health</td> </tr> <tr> <td><i>National course code</i></td> <td>10392NAT</td> </tr> </table>		<i>ANZSCO Code</i>	Gen 20 Non-industry specific training	<i>ASCED Code</i>	0613 Public Health	<i>National course code</i>	10392NAT
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<i>National course code</i>	10392NAT							

8. Period of accreditation	1 October 2013 to 30 September 2018
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Section B: Course information

1. Nomenclature	
1.1 Name of the qualification	10392NAT Course in Emergency Asthma Management
1.2 Nominal duration of the course	3 hours
2. Vocational or educational outcomes	
2.1 Purpose of the course	<p>This course is intended to provide participants with the following general education outcomes:</p> <ul style="list-style-type: none"> • Recognise allergic and non-allergic asthma triggers • Identify signs and symptoms of an asthma attack/episode • Identify different medication used for asthma emergencies • Identify different devices used for asthma emergencies • Assist a person suffering an asthma emergency
3. Development of the course	
3.1 Industry /enterprise/ community needs	<p>Approximately 2 million Australians have asthma. 1 in 10 children and adults have been diagnosed with asthma. The Australian Institute of Health and Welfare publication; Asthma in Australia 2011¹ outlines the key statistics and impacts of asthma.</p> <ul style="list-style-type: none"> • Asthma remains a significant health problem in Australia, with prevalence rates that are high by international comparison. • For 2007-08, the prevalence of current asthma in Australia was estimated about one in ten (9.9%), equivalent to about 2 million people. • Since 2001, the prevalence of current asthma has declined in children and young adults but remained stable in adults aged 35 years and over. • Among those aged 0-14 years, current asthma is more common among males than females, but among those aged 15 years and over, the reverse is true. • Asthma is more common among Indigenous Australians than among other Australians, particularly in adults. • The prevalence of current asthma increases with decreasing socioeconomic status. The gap in prevalence between areas of highest and lowest socioeconomic status increased between 2004-05 and 2007-08. <p>The number of people with asthma has remained constant over the last few years. It is important that those community carers responsible for the care of</p>

others particularly children have a sound knowledge of asthma management and have the ability to respond in an emergency. This has been recognised through Government regulation with this course's predecessor 21886VIC course in Emergency Asthma Management being listed as an approved course meeting the requirements under the National Quality Framework for children's services.

The short course 21886VIC course in Emergency Asthma Management was first developed by The Asthma Foundation of Victoria in 1997 to meet the needs of industry and the community. This course has been adopted by other Registered Training Organisations throughout Australia and there are over 350 licensing agreements with other providers to deliver this course. As a reflection of the need for specialised Asthma First Aid Training. More than 20,000 individuals have undertaken the course Australia wide, through the Asthma Foundations of Australia, and other organisations.

This course provides the necessary training to enable participants and those directly responsible for first aid in a variety of community settings to:

- raise the awareness of asthma and emergency asthma management
- promote standard emergency management protocols for treating a severe asthma attack/episode
- promote a proactive approach to asthma in the organisation
- ensure that first aid representatives respond appropriately to a severe asthma attack/episode by initiating appropriate treatment including where necessary competently administering a bronchodilator
- where required, provide a regulatory means to enable the organisation to hold blue reliever medication for first aid purposes in first aid kits.

The particular emphasis is to provide training for those responsible for first aid in schools, child care, sport and the workplace.

This course does not duplicate, by title or coverage, the outcomes of an endorsed training package qualification.

The Steering Committee comprised of the following representatives:

Robin Ould, Chief Executive Officer, The Asthma Foundation of Victoria

Brendon Harré, Training Coordinator, The Asthma Foundation of Victoria

Head of the Department of Clinical Immunology and Allergy, Royal Melbourne Immunology & Allergy

Consultant Pharmacist, MediCom, Medication Management Services

Manager, Lung Health Promotion Centre at The Alfred

Project Manager/Asthma & Respiratory Educator, National Asthma Council Australia

Owner/Operator, Junior First First Aid

	<p>Member, Australian Resuscitation Council</p> <p>Executive Director, Business Skills Viability</p> <p>Advice was also sought and provided by members of Asthma Australia's Education and Training Advisory Group</p> <p><small>¹ Asthma in Australia 2011 is part of the Australian Institute of Health and Welfare's Asthma In Australia series. It is produced with the Australian Centre for Asthma Monitoring and provides the most up to date data on Asthma in Australia including prevalence, asthma control, management, health service usage and mortality.</small></p>
<p>3.2 Review for renewal of accreditation</p>	<p>This course replaces the 21886VIC Course in Emergency Asthma Management that has been conducted by The Asthma Foundation of Victoria for the past 15 years.</p> <p>The current 21886VIC Course in Emergency Asthma Management expires on 30 September 2013.</p> <p>On-going monitoring and evaluation has been undertaken over the life of the course and a Course Advisory Group consisting of trainers, and industry representatives have met annually to:</p> <ul style="list-style-type: none"> • provide advice on the changing industry requirements • monitor and evaluate the delivery and assessment of the course • recommend changes to the course. <p>Feedback is collected from 20% of participants who undertake the course and trainers/RTO's that deliver Emergency Asthma Management are also encouraged to provide feedback in regards to the course content. This feedback is then tabled at the Course Advisory Group meetings and also the Steering Committee meetings for review.</p> <p>An analysis of course evaluation surveys reveals that 93% of participants completing the survey reported extremely high levels of satisfaction, with the relevance of the curriculum to the workplace and the additional knowledge of emergency asthma management provided by the course. They were extremely pleased with the contextualisation of the course content to meet the specific needs of their workplace.</p> <p>The steering committee consists of specialist and members of external organisations that relate to the field of asthma and respiratory health. As part of the review process the steering committee was asked to table any changes that had happened in relation to asthma, which would affect the Emergency Asthma Management short course. The items tabled at the meeting were the discussed and voted on to see if they were eligible for inclusion or amendment.</p> <p>Topics discussed included;</p> <ul style="list-style-type: none"> • Asthma First Aid guidelines from the Australian Resuscitation Council • Medication and Devices used for Asthma First Aid • Latest information and research in regards to Asthma from National Asthma Council (NAC), Asthma Australia, and the Global Initiative for Asthma (GINA)

	<p>The Asthma Foundation of Victoria also has consistent contact with the Department of Education and Early Childhood Development (DEECD), and more recently the Australian Children's Education & Care Quality Authority (ACECQA) who informs the steering committees of its courses of any regulatory changes that affect them. These changes are included automatically when updating courses.</p> <p>Participants who have completed the current course will not be required to update their qualifications to the reviewed course.</p>																		
4. Course outcomes																			
4.1 Qualification level	While this course meets an identified community need, it does not have the depth and breadth required of a qualification																		
4.2 Employability skills	Not applicable.																		
4.3 Recognition given to the course	<p>Completion of this course will enable the graduate to meet the requirements for asthma management training under the:</p> <ul style="list-style-type: none"> Education and Care Services National Regulations 2011 for children's services. 																		
4.4 Licensing/regulatory requirements	Not Applicable																		
5. Course rules																			
5.1 Course structure	<p>To attain 10392NAT Course in Emergency Asthma Management, participants are required to successfully complete one unit of competency (listed below under 'Core Unit').</p> <p>Participants who complete this course will be issued with a Statement of Attainment that will specify completion of '10392NAT Course in Emergency Asthma Management'.</p> <p>Refer to the following table for details of the course and nominal hour duration</p>																		
<table border="1"> <thead> <tr> <th colspan="4">Core Unit</th> </tr> <tr> <th>Unit Code</th> <th>Unit Title</th> <th>Pre-requisites</th> <th>Nominal Hours</th> </tr> </thead> <tbody> <tr> <td>EAMMAW001A</td> <td>Manage asthma in the workplace</td> <td>None</td> <td>3</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total Hours</td> <td>3</td> </tr> </tbody> </table>				Core Unit				Unit Code	Unit Title	Pre-requisites	Nominal Hours	EAMMAW001A	Manage asthma in the workplace	None	3	Total Hours			3
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EAMMAW001A	Manage asthma in the workplace	None	3																
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5.2 Entry requirements	There are no specific entry requirements or pre-requisites but it is recommended that participants have literacy and numeracy competencies																		

	<p>equivalent to the International English Language Testing System (IELTS) minimum score of seven (7.0) for reading and writing, and a score of at least eight (8.0) in speaking and listening.</p> <p>Alternatively it is recommended participants who have an English language proficiency from one of the following programs:</p> <ul style="list-style-type: none"> • completed at least one year of full-time tertiary or higher education level study in Australia, Canada, Ireland, New Zealand, the United Kingdom, or the United States of America • obtained a score of four (4) or more in each component of the International Second Language Proficiency Rating (ISLPR) test undertaken during the two-year period prior to submitting the application • obtained Band A in each component of the Professional English Assessment for Teachers (PEAT) test. <p>These recommendations form part of the requirements for evidence of English language proficiency for Assessment of Equivalent Early Childhood Educator Qualifications – 1 January 2013</p>
6. Assessment	
6.1 Assessment strategy	<p>Information will be developed to provide sufficient guidance to assessors and ensure that learners receive assessments that meet their needs and reflects current industry practice.</p> <p>RTO's under licence or franchise must use assessments that have been developed or approved by The Asthma Foundation of Victoria in conjunction with the approved package. RTO's under licence or franchise can only alter the assessments with written consent from The Asthma Foundation of Victoria.</p> <p>The following assessment tools have been developed for use by assessors:</p> <ul style="list-style-type: none"> • Completion of a written assessment • Observation of the learner correctly administering a metered dose inhaler (mdi) placebo with a spacer device <p>It is advisable that an integrated approach is adopted in the use of these assessment tools. Furthermore, given that these assessment tools incorporate observation, case studies, and tests, they are flexible enough to enable RTOs to develop their own assessment approach. To ensure currency of competency, it is recommended that the participant be re-assessed every three years.</p> <p>Assessment strategies should be based on the principles of flexibility, fairness, validity and reliability. Assessment strategies should be designed to cover a range of skills and knowledge required to demonstrate the achievement of the course aims. Assessment strategies should:</p> <ul style="list-style-type: none"> • be appropriate to the knowledge, skills, methods of delivery and needs/characteristics of the learners • assist assessors to interpret evidence consistently • recognise prior learning • be equitable to all groups of learners. <p>Where possible, an integrated approach to assessment is suggested in</p>

	<p>relation to the performance criteria in the course and the individual needs of the learner and the specific characteristics of the particular workplace should be reflected in the assessment tasks.</p>
6.2 Assessor competencies	<p>All training and assessment must be undertaken by trainers/assessors who meet the requirements stated to apply under the Standards for NVR Registered Training Organisations in effect at the time at which training and assessment is conducted. This includes training and assessment competencies determined by the National Skills Standards Council (NSSC) or its successors in effect at the time of delivery and assessment.</p> <p>Assessors also need to undertake regular professional development activities to maintain and develop their knowledge and skills in areas such as nursing/medical, paramedic and other that impact upon the subject area in which assessment takes place. They should also have appropriate interpersonal and communication skills.</p> <p>Assessments can be undertaken in a variety of workplaces and institutional contexts by individual assessors, partnerships involving assessors and technical experts, and teams of assessors.</p>
Delivery	
7.1 Delivery modes	<p>The Course in Emergency Asthma Management provides for delivery in a variety of modes, including:</p> <ul style="list-style-type: none"> • classroom delivery • flexible delivery • workplace delivery • mixed online/ face to face delivery <p>There are no restrictions on offering the program on either a full-time or part-time basis. Where possible participants should be exposed to specific simulated workplace environments and examples/case studies.</p> <p>Strategies should be selected to reflect the nature of all unit requirements and the needs of the participants. Some areas of content may be common to more than one element/performance criteria and therefore integration may be appropriate. Educational support will be made available to participants if required.</p>
7.2 Resources	<p>All specialised facilities, equipment and other resources required to deliver 10392NAT Course in Emergency Asthma Management are detailed below:</p> <ul style="list-style-type: none"> • training facilities and equipment • relevant workplace first aid policies and procedures such as First Aid principles, Emergency procedures, Evacuation procedures and OH&S procedures • related range or texts, references and audio/visual material to be developed by the Asthma Foundation of Victoria • a wide range of case studies on emergency asthma management • asthma medications/placebos • a wide range of asthma delivery devices • sample Asthma Action Plans.

	<p>All training and assessment must be undertaken by trainers/assessors who meet the requirements stated to apply under the Standards for NVR Registered Training Organisations in effect at the time at which training and assessment is conducted. This includes training and assessment competencies determined by the National Skills Standards Council (NSSC) or its successors in effect at the time of delivery and assessment.</p> <p>Trainers and assessors also need to undertake regular professional development activities to maintain/develop their knowledge and skills in areas such as nursing/medical, paramedic and other that impact upon the subject area in which training or assessment takes place.</p> <p>In addition to the above, to ensure that safe asthma practice training is conducted trainers and assessors must have comprehensive and current asthma knowledge.</p> <p>They should also have appropriate interpersonal and communication skills. It is also recommended that guest speakers, with expertise in specific components of the program, be used to complement the trainer and enhance the program content.</p>
<p>8. Pathways and articulation</p>	<p>No formal articulation and credit transfer arrangements have been negotiated with RTOs, TAFE institutes and Universities.</p> <p>Arrangements for credit transfer between RTOs, TAFE institutes and Universities will need to be undertaken individually and on a case-by-case basis.</p>
<p>9. Ongoing monitoring and evaluation</p>	<p>10392NAT Course in Emergency Asthma Management is maintained and monitored by The Asthma Foundation of Victoria.</p> <p>The Asthma Foundation of Victoria will organise and convene an appropriate Course Advisory Group annually, the membership of which will comprise as a minimum:</p> <ul style="list-style-type: none"> • The Asthma Foundation of Victoria representatives • subject matter asthma experts • Community representatives • Government representatives • Trainers • Past students • Relevant industry representatives for example child care and education. <p>The Group will be informed by the trainer/student surveys undertaken as part of the auditing process.</p> <p>The group will:</p> <ul style="list-style-type: none"> • review the implementation of the course • provide advice on changing industry training requirements • monitor and evaluate course standards, delivery and assessment • recommend minor change/s to the program • adjustment to course materials. <p>Recommendations for significant changes to the course will be reported to ASQA.</p>

Section C—Units of competency

EAMMAW001A Manage asthma in the workplace

Unit Descriptor This unit covers the knowledge and skills to recognise the clinical manifestations of asthma and identify and respond to an asthma emergency

The contents of this unit address the requirements of the Education and Care Services National Regulations 2011

Employability Skills Not applicable

Application of the Unit This unit supports the attainment of the skills and knowledge required to recognise the signs and symptoms of an asthma attack/episode and the emergency management protocols for treating an asthma attack/episode, including where necessary the administration of a bronchodilator. The focus is to provide those responsible for first aid in a variety of workplaces and community organisations.

Workplaces and community organisations can hold bronchodilator medication in first aid kits. Each State and Territory has different legislation and regulations in relation to purchasing salbutamol over the counter at pharmacies.

In some jurisdictions the person buying the bronchodilator medication must provide the pharmacist with evidence the medication is being purchased for first aid purposes, and have current First Aid Training which includes an Asthma First Aid component.

Knowledge of asthma and the signs of an asthma attack/episode are essential and must be appropriately reflected in the outputs and outcomes achieved.

ELEMENT

Elements describe the essential outcomes of a unit of competency.

1 Examine the mechanisms of asthma

PERFORMANCE CRITERIA

Performance criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge and/or the range statement. Assessment of performance is to be consistent with the evidence guide.

- 1.1 ***Factors that contribute to an asthma exacerbation*** are identified
- 1.2 The facts and assumptions of asthma are investigated
- 1.3 The underlying ***allergic and non allergic mechanism of asthma***

- and their link to asthma are analysed
- 1.4 Strategies for identifying and minimising exposure to a range of allergic and other asthma triggers are proposed
- 2 Identify the clinical manifestations of asthma
 - 2.1 The range of **signs and symptoms associated with asthma** are recognised according to their identified characteristics
 - 2.2 Signs and symptoms are interpreted as mild, moderate or severe
 - 2.3 **Outcomes for good asthma control** are identified
 - 3 Analyse the range of medication and delivery devices available for the management of asthma
 - 3.1 **Types of medications** used for the management of asthma are investigated
 - 3.2 **Types of devices** used for the management of asthma are compared
 - 3.3 The use of a range of devices is demonstrated
 - 3.4 The **essential components of an asthma emergency kit** are identified
 - 4 Respond to an asthma attack/episode
 - 4.1 The scope and severity of an asthma attack/episode is identified
 - 4.2 Asthma treatment is managed in accordance with the **individual's asthma action plan** or workplace first aid policies and procedures
 - 4.3 Assistance is sought from others in a timely manner as appropriate
 - 4.4 Individual's condition is monitored and managed in accordance with the individual's asthma action plan and **workplace first aid policy and procedures**
 - 4.5 Appropriate medication is administered in accordance with the individual's asthma action plan or workplace first aid policies and procedures
 - 4.6 Individual's condition is monitored for **signs of worsening condition** and managed in accordance with the individual's asthma action plan and workplace first aid policy and procedures
 - 4.7 Current emergency asthma **first aid principles** are followed
 - 4.8 The individual is reassured in a caring and calm manner
 - 5 Respond to an asthma first aid emergency in an
 - 5.1 Emergency service assistance is requested and details of the individual's condition are provided to emergency services

undiagnosed
individual

- 5.2 Appropriate asthma medication is administered in accordance with the Australian Resuscitation Council Guidelines and emergency services operator instructions or workplace first aid policies and procedures
- 5.3 Further instructions from emergency services operator are followed
- 5.4 Individual is monitored for signs of worsening condition and responded to in accordance with emergency services operator instructions or workplace first aid policy and procedures

REQUIRED SKILLS AND KNOWLEDGE

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

Required Knowledge

Knowledge of asthma including:

- Common triggers of asthma
- Common signs and symptoms of asthma
- Knowledge of the potential for progression from a mild asthma attack/episode to a severe asthma attack/episode
- Individual asthma action plans

Asthma treatment/management:

- Treatment/management for mild, moderate and severe asthma attack/episodes
- Asthma medications
- Asthma devices

Workplace first aid policy and procedures

Required Skills

- Problem solving skills pertaining to individual asthma action plan and first aid treatment
- Questioning with regard to asthma treatment
- Observation with regard to the individual's:
 - asthma signs and symptoms
 - general health
- Active listening to ascertain issues associated with treatment of asthma treatment
- Interpersonal skills to reassure and calm individuals who experience an asthma attack/episode
- Communication skills to communicate with:
 - individuals experiencing asthma signs or symptoms
 - first aid personnel
 - associated workplace personnel involved with asthma policy or treatment

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. **Bold italicised** wording in the Performance Criteria is detailed below. 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.

Factors that contribute to an asthma exacerbation must include:

- The inside lining of the airways become red and swollen (inflammation)
- Extra mucus(sticky fluid) may be produced
- The muscle around the airways tightens (bronchoconstriction)

Allergic mechanism of asthma may include:

- Pollens
- House dust mites and dust
- Animal dander
- Food preservatives
- Chemicals
- Mould and mould spores
- Some medications

Non allergic mechanism of asthma may include:

- Smoke
- Infections
- Exercise
- Emotions
- Weather changes
- Some medications
- Reflux Oesophagitis

Signs and symptoms associated with asthma may include:

- Cough
- Wheeze
- Shortness of breath or rapid breathing
- Difficulty in speaking
- Chest tightness
- Behavioural changes
- Tiredness
- Changed speech patterns
- Blue lips

Outcomes for good asthma control may include:

- Able to exercise normally
- No sleep disturbance due to asthma symptoms

- Free of symptoms on waking
- No symptoms during the day
- Minimal or no adverse effects from medication
- Using a bronchodilator less than 3 times per week (except prior to exercise)

Types of medications may include:

- Bronchodilator (Relievers)
- Preventer medication
- Symptom controller medications
- Combination medications

Types of devices may include:

- Pressurized Metered dose inhalers (pMDI)
- Autohalers
- Turbuhalers
- Accuhaler
- Spacers

Essential components of an asthma emergency kit must include:

- Bronchodilator (reliever medication)
- Suitable spacer
- Asthma First Aid plan
- Record book and appropriate recording device
- Face Mask to match spacer if first aid kit is being used in a setting for children under 5

Individual's asthma action plan must include:

- Any special features of the persons asthma (symptoms, triggers, past history of severity eg hospital admission, ICU admission, other allergies etc)
- Management, including medications when well
- Signs of deteriorating asthma
- Asthma First Aid Plan
- Name and contact details of next of kin, doctor and carer

Workplace first aid policy and procedures may include:

- First Aid principles
- Emergency procedures
- Evacuation procedures
- Relevant Occupational or Work Health & Safety regulations

Signs of worsening condition may include:

- Development of respiratory involvement for example respiratory distress or respiratory arrest
- Development of signs and symptoms such as:
 - Very distressed
 - Anxious
 - Gasping for breath
 - Simple words only used
 - No audible wheeze
 - Pale and sweaty
 - Blue lips
 - Muscle exertion
 - Loss of consciousness/fainting

First Aid Principles must include:

- Correct positioning
- Reassure the individual and stay with them
- Administration of Salbutamol
- Monitoring individual for any improvement
- Administration of more Salbutamol if needed
- Contact emergency services and emergency contacts

First Aid Principles may include:

- Individual's Asthma Action Plan requirements
- Administration of Symbicort
- Administration of more Symbicort if needed
- When more than 3 doses of Symbicort is needed, start administering Salbutamol

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 unit.

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

A person who demonstrates competency in this unit must be able to provide evidence of:

- identifying the common asthma allergens
- identifying the main signs and symptoms associated with asthma
- identifying current emergency asthma protocols
- interpreting individual asthma action plans
- identifying the clinical manifestations of asthma
- identifying and responding appropriately to an asthma attack/episode
- correctly administering appropriate asthma medication

- demonstrating compliance in the first aid principals.

The assessment of this unit must be performed in a simulated asthma emergency scenario.

Context of and specific resources for assessment

Assessment tools used must be resources developed or approved by the Asthma Foundation of Victoria.

Specific resources that must be used for assessment include:

- Metered-Dose Inhaler Placebo
- Spacer device
- Case scenarios from a variety of contexts and situations.

Specific resources that may be required for assessment include:

- First aid kits
- Asthma Action Plans
- Face mask to fit spacer device.

Method of assessment

The following assessment methods cover a range of skills and knowledge required to demonstrate achievement of the course, the administration of the appropriate medication for an asthma emergency.

Assessment methods must include:

- written assessment
- observation of the learner correctly administering a metered dose inhaler (MDI) placebo with a spacer device; including:
 - practical observation and oral questioning
 - structured questions
 - problem solving scenarios.

Assessment should take place using a variety of scenarios requiring the administration of the appropriate asthma delivery devices.