



Australian Government

**Assessment Requirements for ACMAIM404  
Collaborate in planning sedation and  
anaesthesia of large animals in emergency  
field situations**

## Assessment Requirements for ACMAIM404 Collaborate in planning sedation and anaesthesia of large animals in emergency field situations

### Modification History

| Release   | Comments                                                                                |
|-----------|-----------------------------------------------------------------------------------------|
| Release 1 | This version released with ACM Animal Care and Management Training Package Version 3.0. |

### Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- discussed and contributed to the planning of sedation and anaesthesia requirements of a large animal in three different incident scene scenarios
- assisted with providing animal post-incident care for each of the three scenarios where sedation and anaesthesia were used.

### Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- incident management system and communication protocols used in large animal incident scenes
- veterinarian's role and responsibilities in large animal incident scene management
- incident scene risks, including:
  - large animal behaviour – fight and flight responses
  - environmental issues
  - dealing with people and managing expectations
  - sharps disposal and biosecurity risks
- zoonotic disease risks, including transmission routes and ways to mitigate the risks
- personal protective equipment (PPE) requirements for specific situations
- sedation and anaesthesia (chemical restraints), including:
  - routes of administration for different situations – intravenous (IV), intramuscular (IM), oral
  - analgesics and drugs used for sedation and anaesthesia

- time to take effect and duration period
- devices used for difficult access, including air-operated gun and pole-operated syringes
- dose levels appropriate for animal state of heightened excitement, fear and/or pain, including impact of adrenalin and need to ensure initial dose is effective and not rely on top-ups
- impact and limitations of sedatives and anaesthesia on different species
- consideration of status of patient – old, exhausted, dehydrated, pain
- sedation reversal
- level of sedation or anaesthesia recommended for:
  - allowing the animal to walk or move to assist with the extrication
  - fitting slings, lifting and sliding the animal
  - lengthy or delayed extrication requiring constant infusion
  - euthanasia
- animal behaviour and responses to sedation and recovery
- large animal anatomy and relationship to animal incident rescue techniques
- issues relating to euthanasia of animals, including:
  - considerations in making the call to euthanase an animal
  - permission/authority, regulatory and insurance requirements
  - approved and humane methods of euthanasia – chemical and physical
  - strategies to use in team and/or owner debriefing after an incident.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions or an incident scene – this includes the use of simulations and scenarios where assessment would be unsafe, impractical or unethical
- resources, equipment and materials:
  - PPE
  - field medical and/or recovery tool kit
  - incident scene scenarios involving large animals to address the performance evidence requirements
- relationships:
  - team members.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volumes, including Implementation Guides, are available at VETNet -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>