



Australian Government

Assessment Requirements for ACMVET402 Apply imaging routines

Release: 2

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Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 5.0.
Release 1	This version released with ACM Animal Care and Management Training Package Version 2.0.

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:

- carried out imaging routines for a minimum of three different animals, covering at least three different body parts
- assisted with one ultrasound or endoscopy procedure
- performed the activities outlined in the performance criteria of this unit during a period of at least 240 hours of work in a veterinary practice.

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:

- animal anatomy and physiology related to positioning animals for imaging
- animal sedation, restraint, anaesthetic monitoring and recording procedures related to imaging procedures
- preparation of room for different procedures, including table, positioning devices, restraints, position required equipment
- common positioning techniques for imaging procedures, including the use of aids, including:
 - cradles
 - gags
 - ropes
 - sand bags
 - sedation

- anatomical orientation terminology in relation to positioning animals for imaging
- use of contract media for imaging (injectable, rectal and oral preparations)
- types of imaging equipment, including:
 - radiographic equipment (X-ray machine, digital X-ray modalities, developing process either chemical or digital, cassettes, films, table, darkroom chemicals, contract media, markers and labels), positioning aids, digital processing equipment and software
 - other imaging equipment and processes (digital X-ray, nuclear scintigraphy, Computed Tomography (CT), Magnetic Resonance Imaging (MRI))
 - endoscopy
 - ultrasound
- common imaging faults, including:
 - set-up and film factors
 - poor positioning
 - inappropriate restraint or movement of patient
 - failure to adequately maintain and operate machine or equipment
 - problems with exposure settings or the development process
- state or territory legislation and regulations relating to radiation safety, work health and safety and animal welfare
- safe work practices in the use of radiography and other imaging equipment, including the use of appropriate personal protective equipment.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - in the workplace or an environment that accurately reflects a veterinary practice
 - resources, equipment and materials:
 - a range of real, live animals or animal models
 - equipment and resources typically available in a veterinary practice, including imaging equipment
- specifications:
 - manufacturer's operating instructions for imaging equipment
 - organisational policies and procedures, current legislation, regulations and relevant codes of practice
- relationships (internal and/or external):
 - interactions with a registered veterinarian or minimum of Certificate IV qualified veterinary nurse with radiation operator licence.

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>