



Australian Government

ACMVET503 Produce veterinary dental oral cavity images

Release: 1

ACMVET503 Produce veterinary dental oral cavity images

Modification History

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

Application

This unit of competency describes the skills and knowledge required to prepare and monitor patients during imaging procedures, preparing imaging equipment, developing images and recording and storing image results for advanced veterinary dental surgery cases.

The unit applies to veterinary nurses who work under the supervision of a registered veterinarian who is at a minimum a Member of the Veterinary Dental Chapter, Australia and New Zealand College of Veterinary Scientists (ANZCVS). Veterinary nurses who work in this role have extensive vocational experience and are responsible for nursing skills and support for veterinarians who perform advanced veterinary dentistry procedures. This unit applies to veterinary nurses who are responsible producing dental cavity images.

Legislative and regulatory requirements apply to veterinary nurses but vary according to state/territory jurisdictions. Users must check with the relevant regulatory authority before delivery.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Veterinary Nursing (VET)

Elements and Performance Criteria

Element	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>

Element	Performance Criteria
1. Prepare and monitor patient during imaging procedure	1.1 Apply specific sedation and anaesthetic procedures according to safe imaging procedures and WHS standard 1.2 Determine appropriate imaging technique in consultation with veterinarian 1.3 Position patient film or cassette to suit patient needs 1.4 Monitor patient vital signs during anaesthesia and recovery and record observations using industry standard terminology 1.5 Recognise, respond to and assist with emergencies related to dental imaging procedures
2. Prepare imaging equipment	2.1 Prepare digital, manual, automatic processor or chair side darkroom 2.2 Prepare pre-packed dental films or cassettes 2.3 Position radiographic machine and set for required procedure 2.4 Ensure all involved staff prepare and wear personal protective equipment to comply with radiation hazard procedures
3. Develop diagnostic images	3.1 Develop and display exposed film, or digital image for examination 3.2 Dispose of waste generated from the imaging process (including sedation chemicals) according to waste management protocols
4. Record and store diagnostic image results	4.1 Record results using industry standard terminology 4.2 Store films in a cool, dry place away from ionising radiation and light

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Identify, analyse and evaluate a range of complex text relating to WHS standards and imaging procedures
Numeracy	Measure and monitor medication dosages including those administered intravenously

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMVET503 Produce veterinary dental oral cavity images	ACMVET503A Produce veterinary dental oral cavity radiographs	Updated to meet Standards for Training Packages Titled updated to reflect changes to content Minor changes to clarify content Assessment requirements revised Work placement requirement included	No equivalent unit

Links

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

Assessment Requirements for ACMVET503 Produce veterinary dental oral cavity images

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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:

- produced veterinary dental oral cavity images for a minimum of five animals, covering at least two of these:
 - feline
 - canine
 - equine
- 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 or hospital where specialist advanced dental procedures are regularly performed.

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:

- practice dental imaging information recording systems
- legislative requirements, practice policies and work health and safety requirements for the operation of radiographic and other imaging mediums and equipment
- positioning and bisecting angles techniques and terminology for a range dental images for animals
- principles of animal welfare and ethics related to sedation and dental imaging procedures
- radiographic and other imaging development procedures
- radiography and other imaging equipment, supplies and personal protective equipment
- types of emergencies that may occur in dental imaging procedures
- relevant state or territory legislation and regulations relating to radiation safety, work health and safety and animal welfare in sedation and dental imaging techniques
- type of sedation typically used for dental procedures
- storage requirements for dental images

- regulations and practice policies related to the disposal of imaging and sedation chemicals and old images.

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 dental surgery
- resources, equipment and materials:
 - a range of real animals requiring advanced dental procedures
 - equipment, instruments and resources typically available for dental veterinary surgery, including dental imaging equipment
- specifications:
 - access to organisational policies and procedures, current legislation, regulations and relevant codes of practice
- relationships (internal and/or external):
 - interactions with a registered veterinarian who is at a minimum a Member of the Veterinary Dental Chapter, Australia and New Zealand College of Veterinary Scientists (ANZCVS), and who regularly performs advanced dental procedures on animals.

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

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