Modification history

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

| ACMVET503 | Produce veterinary dental oral cavity images |
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| 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. |
| Prerequisite Units | Nil |
| Unit Sector | Veterinary Nursing (VET) |

| Element | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare and monitor patient during imaging procedure | 1.1 Apply specific sedation and anaesthetic procedures according to safe imaging procedures and WHS standard1.2 Determine appropriate imaging technique in consultation with veterinarian1.3 Position patient film or cassette to suit patient needs1.4 Monitor patient vital signs during anaesthesia andrecovery and record observations using industry standard terminology1.5 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 darkroom2.2 Prepare pre-packed dental films or cassettes2.3 Position radiographic machine and set for required procedure2.4 Ensure all involved staff prepare and wear personal protective equipment to comply with radiation hazard procedures |
| 3. Developdiagnostic images | 3.1 Develop and display exposed film, or digital image for examination3.2 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 terminology4.2 Store films in a cool, dry place away from ionising radiation and light |

| Foundation SkillsThis 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. |
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| 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 |
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| 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 PackagesTitled updated to reflect changes to contentMinor changes to clarify contentAssessment requirements revisedWork placement requirement included | No equivalent unit |

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| Links | Companion Volume Implementation Guides are found in VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103 |

| TITLE  | 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:felinecanineequineperformed 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. |

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| 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 systemslegislative requirements, practice policies and work health and safety requirements for the operation of radiographic and other imaging mediums and equipmentpositioning and bisecting angles techniques and terminology for a range dental images for animalsprinciples of animal welfare and ethics related to sedation and dental imaging proceduresradiographic and other imaging development proceduresradiography and other imaging equipment, supplies and personal protective equipmenttypes of emergencies that may occur in dental imaging proceduresrelevant state or territory legislation and regulations relating to radiation safety, work health and safety and animal welfare in sedation and dental imaging techniquestype of sedation typically used for dental proceduresstorage requirements for dental imagesregulations and practice policies related to the disposal of imaging and sedation chemicals and old images. |

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| 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 proceduresequipment, 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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