



Australian Government

ACMVET504 Provide veterinary dental nursing support for advanced veterinary dental surgery

Release: 1

ACMVET504 Provide veterinary dental nursing support for advanced veterinary dental surgery

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 provide veterinary dental nursing support for advanced veterinary dental surgery.

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), and who regularly performs advanced veterinary dentistry procedures. This unit applies to veterinary nurses with extensive vocational expertise who are responsible for providing advanced dental nursing skills.

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

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

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1. Carry out admission procedures	1.1 Compile patient dental history 1.2 Coordinate referral and associated documentation 1.3 Collate dental pathology and diagnostic results
2. Prepare theatre for dental surgery	2.1 Prepare theatre furniture and equipment 2.2 Display patient images for the scheduled procedure 2.3 Access and check dental equipment and sterile dental packs 2.4 Complete gloving and gowning procedures
3. Prepare patient for dental surgery under the direction and supervision of the surgeon	3.1 Identify anatomy and physiology as it relates to dental health procedures 3.2 Comply with WHS, infection control and animal welfare requirements related to dental health procedures 3.3 Apply specific anaesthetic procedures under supervision of veterinarian 3.4 Assist with pre-operative medications 3.5 Position patient and apply restraints 3.6 Examine endotracheal tube to ensure it is functioning and apply pharyngeal pack
4. Prepare specific materials and anticipate veterinarians' requirements	4.1 Prepare specific dental materials for the scheduled procedure 4.2 Anticipate progress of surgery and respond to veterinarian's requirements 4.3 Hand instruments, equipment and materials to the veterinarian as requested 4.4 Provide specific dental surgical support 4.5 Take and maintain record of procedure 4.6 Dispose of clinical and other hazardous waste appropriately
5. Clean, store and maintain dental instruments and equipment	5.1 Clean or sterilise instruments and equipment 5.2 Store packed instruments and equipment 5.3 Identify damaged and ineffective instruments, equipment and their attachments and replace or set aside for repair or maintenance 5.4 Complete maintenance routines for instruments and equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
6. Communicate with client and discharge patient	6.1 Report patient progress to client 6.2 Communicate specific home nursing requirements to client 6.3 Provide instructions on administering prescribed medications to client

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
Numeracy	Measure and monitor medication dosages including anaesthetics
Interact with others	Recognise the importance of building rapport to establish effective working relationships
Get the work done	Address irregularities and contingencies in the context of the work role

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMVET504 Provide veterinary dental nursing support for advanced veterinary dental surgery	ACMVET504A Provide veterinary dental nursing support for advanced veterinary dental surgery	Updated to meet Standards for Training Packages 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 ACMVET504 Provide veterinary dental nursing support for advanced veterinary dental surgery

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Performance Evidence

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

There must be evidence that the individual has:

- provided dental nursing support on a minimum of four occasions for at least three of the following procedures:
 - periodontics
 - endodontics
 - restorative dentistry
 - oral surgery
 - prosthodontics
 - orthodontics
 - exotic animal dentistry
- for each procedure, the individual must:
 - prepare the theatre, patients, personnel and all relevant materials and equipment for dental surgery
 - clean, maintain and store dental instruments and equipment according to manufacturers' specifications
 - communicate effectively with clients prior to surgery and post-operatively in respect to specific home-nursing requirements
- 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:

- anatomy and physiology related to dental health and procedures for animals including canine, equine, feline and other exotic animals
- animal (canine, equine, feline) dental health issues and management
- dental procedures and related industry terminology in periodontics, endodontics, restorative dentistry, oral surgery, prosthodontics, orthodontics and exotic animal dentistry
- veterinary dental personal protective equipment, gloving and gowning procedures
- principles of animal welfare and ethics related to dental health and surgical procedures
- requirements of state or territory legislation and regulations relating to work health and safety, animal welfare and waste management associated with dental health and surgical procedures
- requirements of state or territory legislation covering the use of therapeutic and controlled substances for dental health and surgical care
- identification and purpose of surgical dental materials, including:
 - pins
 - plates
 - prosthesis
 - restorative materials
 - screws
 - sutures
 - wire
- prophylactic strategies used in veterinary dental care
- pre-and post-surgery advice and information for clients
- veterinary dental instruments and equipment and their uses, including:
 - air-driven dental base, including high and low speed hand pieces
 - amalgamator saws, pumps and elevators
 - chisels and curettes
 - curing lights
 - endodontic files
 - forceps
 - operating table
 - pharyngeal packs
 - radiograph displays
 - sterile dental packs
 - suction equipment
 - surgical instrument trays and trolleys
 - ultrasonic and sonic dental scalers
- veterinary dental equipment maintenance routines, including:
 - calibration
 - cleaning
 - disassembly
 - drying

- packing and oiling
- reassembly
- re-stocking
- sharpening
- workplace hygiene standards, disinfectants and sterilisation, cleaning agents, cleaning techniques and cleaning equipment and materials related to dental surgical procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - in a workplace that is a specialist veterinary dental practice or hospital, or a referral veterinary dental practice or hospital where registered veterinary dental specialists perform advanced veterinary dentistry
- resources, equipment and materials:
 - a range of real animals requiring advanced dental procedures
 - equipment, instruments and resources typically available in a dental practice or hospital, including specialised dental equipment
- specifications:
 - access to organisational policies and procedures, current legislation, regulations and relevant codes of practice
- relationships (internal and/or external):
 - interactions with real clients
 - 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.

Links

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