



Australian Government

ACMEQD405 Perform routine dental correction and oral care using manual instruments

Release: 1

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Modification History

Release	Comments
Release 1	This version released with the Animal Care and Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to perform routine dental correction and oral care using manual instruments.

The unit applies to individuals, working as equine dental service providers, who use practical skills and knowledge to perform routine dental corrections and oral care across a range of equine industry sectors.

Legislative and regulatory requirements, including work health and safety and animal welfare, apply to the scope of work of equine dental service providers, and 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

Prerequisite units of competency for this unit are:

- ACMEQU202 Handle horses safely

Note the following chain of prerequisites that also apply to this unit.

Unit of competency	Prerequisite requirement
ACMEQU202 Handle horses safely	ACMEQU205 Apply knowledge of horse behaviour

Unit Sector

Equine Dentistry (EQD)

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>
1. Identify and appraise manual instruments used in equine dentistry	1.1 Assess materials used in manual dental instruments to determine appropriateness for intended use and for cleaning and disinfection 1.2 Assess speculum types and demonstrate fitting techniques according to work health and safety (WHS) standards and animal welfare considerations 1.3 Review manual files (floats) and file (float) blade types and demonstrate techniques for use according to WHS standards and animal welfare considerations 1.4 Examine other dental equipment and demonstrate techniques for use according to WHS standards and animal welfare considerations
2. Prepare for use of manual instruments	2.1 Assess potential risks and safety considerations for equines and handlers in performing an oral inspection and apply safety protocols and risk controls 2.2 Refer to a treatment plan and oral mouth inspection reports before commencing dental treatment 2.3 Implement appropriate infection control procedures 2.4 Select appropriate manual instruments for the nominated task 2.5 Position or restrain the equine using safe handling techniques and instruct the carer on their role in controlling the equine
3. Prepare for routine dental correction in line with the treatment plan	3.1 Fit speculum in line with industry standards giving due consideration to equine response and relevant anatomy 3.2 Remove impacted feed and flush oral cavity with water to conduct visual and manual examination using appropriate focal light source and dental mirrors 3.3 Identify any digitally loose retained deciduous teeth (caps) 3.4 Assess condition and cause/s of pathology and arrange for treatment according to the constraints of qualified equine dental provider professional scope and related workplace protocols 3.5 Provide advice and options for treatment or arrange for a referral to a registered veterinarian

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Perform routine dental correction according to treatment plan	4.1 Assess the impact of sharp buccal and lingual points on soft tissues on both the upper and lower molar arcades 4.2 File teeth (float) with extreme caution to optimise health, mastication and comfort of horse or other equine ensuring that the removal of dentine is not excessive and the pulp chamber is not approached or damaged 4.3 Assess procedure for removal of digitally loose retained teeth and treat 4.4 Remove supragingival calculus (tartar) from teeth as necessary 4.5 Clean and modify canine teeth according to professional workplace practice 4.6 Refer treatments outside of qualified equine dental provider professional scope to a registered veterinarian
5. Install or restore bit seat for ridden or driven horses or other equines and address canine teeth	5.1 Address the presence or absence of first premolar (Wolf) teeth prior to installing bit seats and refer to a registered veterinarian if extraction is required 5.2 Identify features of the required 'bit seat' according to the treatment plan and purpose or use of the equine 5.3 Create appropriate bit seats on the second premolars on both the upper and lower arcades giving due consideration to tooth structure and maintaining optimal occlusion in relation to mastication and avoidance of the pulp canals 5.4 Rinse the oral cavity in line with workplace practice
6. Provide post-dental treatment care	6.1 Inspect the oral cavity and teeth for evidence of injury caused during dental treatment and, if present, evaluate treatment options including the need to consult or refer to a veterinarian 6.2 Evaluate dental treatment to confirm comfort and evaluate oral functionality status 6.3 Clean and disinfect work area, instruments and other equipment according to infection control standard precautions 6.4 Check instruments and equipment for wear and/or damage and implement workplace maintenance or repair procedures 6.5 Update records including dental charts and photographs, according to workplace requirements 6.6 Inform the owner or carer about the scope of the treatment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	provided and provide advice about post-treatment care, the need for follow-up treatment, or referral to a registered veterinarian or other appropriate service provider.

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	Interpret and consolidate key information in industry recognised charts, and oral inspection reports and records for individual horses or other equines
Writing	Enter data and observations into record keeping systems accurately using industry terminology and dental encoded systems
Numeracy	Calculate and record routine measures relating to carrying out equine dental corrections and oral care
Oral communication	Provide clear explanations and respond to queries using terminology and concepts appropriate for the audience
Navigate the world of work	- Take responsibility for following work health and safety, safe handling practices, animal welfare and biosecurity requirements, in own role and work area - Know own obligations and limits of professional and personal scope or ethical responsibility
Interact with others	Follow accepted industry professional practices and protocols for working collaboratively with and reporting to registered veterinarians
Get the work done	- Assemble resources and plan and prioritise daily tasks to achieve outcomes relating to equine dental corrections and oral care - Make decisions about routine and non-routine dental corrections, taking responsibility for judgements made and recommended follow up or referral action

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMEQD405 Perform routine dental correction and oral care using manual instruments	ACMEQD405A Perform routine dental correction and oral care using manual instruments	Updated to meet Standards for Training Packages. Prerequisite added. 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>