



Australian Government

Assessment Requirements for ACMEQD405 Perform routine dental correction and oral care using manual instruments

Assessment Requirements for ACMEQD405 Perform routine dental correction and oral care using manual instruments

Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all the elements and performance criteria in this unit. There must be evidence that the individual has performed routine dental correction and oral care using manual instruments on at least six different horses or other equines, including:

- preparing for treatment including assessing equine temperament and behaviour
- advising owner to organise sedation if required, strictly according to relevant State and Territory legislation, regulations and industry standards
- instructing the carer on their role and safety procedures in handling the horse or other equine during treatment
- conduct a professional and thorough visual and manual examination of the head and oral cavity of each equine to formulate an assessment and treatment plan
- using appropriate techniques with manual instruments restore dental and oral structures to an acceptable condition, considering functionality and comfort according to the treatment plan and oral inspection report for each equine
- complying with all safety, animal welfare and infection control and hygiene protocols and monitoring for update alerts
- explaining procedures and post-treatment management to owner or carer and others
- updating dental and other relevant records for each equine
- performing the activities outlined in the performance criteria of this unit during, and contributing to, an overall period of at least 120 hours of work supervised by supervised by an equine dental service provider who is a dental association member and/or a qualified equine dental service provider and/or is currently commercially active in providing equine dental services.

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:

- principles and practices for performing routine dental correction and oral care using manual instruments

- anatomy and physiology of the equine head and oral structures including features and functions of the equine mouth and its structures including normal and abnormal functions
- appropriate industry and state/territory equine dental codes of conduct and standards of practice
- appropriate terminology used to describe dental conditions, treatment and oral features
- charting systems used to record equine dental information
- clinical signs and effects of the categories of sedative drugs used with equines
- contagious and zoonotic disease signs and symptoms, prophylaxis and biosecurity protocols
- features of normal or correctly formed, healthy and well-maintained equine dental and oral structures
- features of manual instruments used in equine dental care related to purpose, operation, quality, longevity and cost
- equine ailments and injuries that may impact on dental health
- equine behaviour and other signs that may indicate dental or oral problems
- indicators of equine distress, pain, illness, and pathology
- adherence to instrument manufacturer instructions and maintenance specifications
- usefulness life span, maintenance of and indicators of wear or redundancy of manual equine dental instruments
- normal and abnormal features of equine dental and oral structures including physiology and effect of diet
- parameters of treatment which may require referral to a registered veterinarian or other appropriate service provider, including:
 - advanced or staged corrective treatment
 - retained deciduous caps with periodontal attachments
 - permanent cheek teeth that are mobile indicating significant pathology
 - tooth fragments for extraction or further investigation
 - teeth extractions
 - periodontal disease
 - endodontic disease
 - other investigative procedures and/or health problems
- potential consequences of unskilled or inappropriate dental techniques and treatments:
 - damage to or severing of nerves or blood vessels, such as palatine artery, including epistaxis
 - lacerated oral tissues, fracture of teeth or of the bones of the skull
 - pulpitis or pulp necrosis (tooth death) due to pulp exposure, or near exposure, or thermal or mechanical damage
 - absence of referral when appropriate
- principles and regulations concerning animal welfare
- post-dental treatment monitoring, management and care
- protocols, legal and ethical considerations in consulting with registered veterinarians and other relevant persons

- appropriate industry and state or territory legislation covering equine dental codes of conduct and standards of practice
- relevant state or territory legislation covering the supply, possession and use of restricted and controlled substances
- standard precautions for the care and treatment of all animals, regardless of their perceived or confirmed infectious status for animal care
- techniques and use of manual instruments used to provide equine dental care
- techniques used to:
 - restrain equines safely for dental treatment
 - fit speculum
 - remove impacted feed, rinse mouth with water
 - examine the oral cavity both visually and digitally in order to make a proper assessment
 - file (float) teeth with manual instruments within professionally accepted parameters
 - install bit comfort areas
 - remove supra-gingival calculus (tartar)
 - remove impacted feed
 - remove retained but digitally loose deciduous teeth (caps)
- relevant legislation, regulations and codes of practice for veterinary practices and restricted dental practices
- key requirements of work health and safety regulations and guidelines relating to:
 - risk assessment and control
 - safe handling techniques for catching, handling, controlling and restraining equines
 - safe work practices
 - storage of chemicals and medicines
 - personal protective equipment
- key requirements of biosecurity standards, relevant to:
 - hygiene standards - cleaning, disinfection or sterilisation of equipment and materials
 - provision, use and wearing of personal protective equipment for operator and assistants
 - safe waste management and disposal
 - equine diseases, notifiable diseases and quarantine procedures
- key requirements of animal welfare standards, policies and procedures relevant to the safe, humane and ethical care of horses or other equines.
-

Assessment Conditions

Assessment of this unit must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately reflects performance in a real workplace setting

- resources, equipment and materials:
 - various live horses or other equines with a range of dental correction and oral care needs assessed as suitable for the skill level of the candidate
 - appropriate tack, materials and equipment for carrying out an oral inspection
 - personal protective equipment correctly fitted and applicable for tasks for candidate
- relationships:
 - interactions with owners or carers of horses or other equines
 - interactions with registered veterinarians.

Training and assessment strategies must show evidence of the use of guidance provided in the *Companion Volume: User Guide: Safety in Equine Training*.

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>