



Australian Government

Assessment Requirements for ACMVET403 Perform clinical pathology procedures

Release: 1

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Modification History

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

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:

- collected, appropriately handled, labelled and stored biological samples from a minimum two different species, including:
 - blood
 - faeces
 - urine
- collected, appropriately handled, labelled and stored biological samples of at least two of the following:
 - microbial swab
 - skin scrapings
 - hair samples
 - saliva
 - tissue
 - vomitus
 - wound material
- prepared microscope and slides for examination
- performed practice laboratory tests and recorded results, including:
 - Diff-Quik
 - PCV
 - TPP
 - USG
- 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.

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:

- animal anatomy and physiology related to practice pathology sampling procedures
- biological sample collection methods and procedures, appropriate biological sampling sites and relevant industry laboratory techniques and procedures
- types of laboratory tests
- blood tests, including:
 - biochemistry
 - haematocrit
 - haematology
 - total serum protein
 - white cell count
- microscopic examination of samples
- urinalysis
- use of dipstick tests
- Hendra virus exclusion tests
- setting-up and using a microscope
- routine microscope stains, including Gram, Diff-Quik
- types of pathology tests, including tests for antigens and antibodies, internal and external parasites
- faecal floats
- types of collection containers and their use
- set up for post-mortem
- equipment used during a post-mortem, including:
 - cleaning equipment trolleys
 - knives and needles
 - necropsy saw
 - scales
 - specimen containers
 - surgical instruments
 - personal protective equipment
- practice policies, procedures and WHS and infection control requirements related to the collection of pathology samples and disposal of sharps and biological waste
- normal ranges for pathology test results that veterinary nurses perform
- pathology tests and the requirements for sample preparation, handling, storing
- requirements for dispatch and transport of samples from practice
- record-keeping of tests and results
- quality assurance in pathology procedures.

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 practice
- resources, equipment and materials:
 - a range of real animals
 - equipment and resources typically available in a veterinary practice
- specifications:
 - manufacturer's operating instructions for specialised equipment
 - organisational policies and procedures, current legislation, regulations and relevant codes of practice
- relationships (internal and/or external):
 - interactions with a registered veterinarian or minimum of Certificate IV qualified veterinary nurse.

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>