



Australian Government

Assessment Requirements for ACMVET510 Apply veterinary nursing pathophysiology

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 applied veterinary nursing pathophysiology, including:

- collected a detailed patient history of two animals
- collected, stored and processed samples for a minimum of ten clinical pathology tests on five or more patients
- assisted with each of the following, at least once:
 - performing effective physical examination
 - conducting effective triage of patients
 - administering fluid therapy including blood products
 - administering medications by intravenous means, including using fluid pumps
 - identifying cause and clinical signs of common disease processes
- identified abnormal body function in a minimum of three animals
- implemented practice protocols and procedures for the prevention of zoonosis in a range of companion animals
- complied with relevant infection control and workplace health and safety requirements
- identified benefits from and adverse responses to a range of veterinary medications used in general practice
- managed outpatients
- 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:

- after care requirements, including wound management, nutrition, exercise, physical therapy and environment
- potential benefits from and adverse responses to a range of veterinary medications used in general practice
- anatomy and function of the eleven body systems
- animal nutrition and husbandry
- basic disease processes, including:
 - inflammation
 - infection
 - neoplasia
 - heritable and congenital abnormalities
 - endocrine disorders
 - toxicity
- causative agents or contributing factors in disease and infection
- common infectious diseases, including zoonosis
- detailed physical examination, including:
 - patient behaviour and clinical signs
 - demeanour and stance
 - full examination from nose to tail, including all body systems
 - mucous membrane colour and capillary refill time
 - auscultation of the chest
 - palpation of the abdomen
 - rectal temperature
 - pulse and respiratory rates
- purpose and techniques involved in diagnostic tests, including:
 - antigen test
 - biochemistry
 - biopsy
 - blood cross match
 - cytology
 - haematology
 - faecal floatation
 - fluid analysis
 - fine needle aspirate
 - fungal assay
 - hormone assay
 - microbial culture and sensitivity (MC&S) preparation
 - sediment examination
 - serological tests, including enzyme linked immunosorbent assay (ELISA) tests on blood serum to detect antigen or antibodies (evidence of infection)
 - smear

- skin scrape
- urinalysis
- types and pharmacology of veterinary medications, including:
 - anaesthetic induction agents
 - analgesics
 - antibiotics
 - anticonvulsants
 - antiemetics
 - corticosteroids
 - cytotoxic drugs
 - emetics
 - hormones
 - non-steroidal anti-inflammatory drugs
 - sedatives
 - vitamins
 - other drugs as directed
- principles of triage in relation to clinical signs and disease management
- state or territory legislation and regulations relating to the practice of veterinary science, work health and safety and animal welfare in relation to disease outbreak and management
- signs of common disease processes in companion animals
- safe waste disposal in disease outbreaks.

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, live animals
 - equipment, instruments and resources typically available in a veterinary practice where medical and surgical procedures are routinely performed
- specifications:
 - access to organisational policies and procedures, current legislation, regulations and relevant codes of practice
 - drug and poison schedules and legislation
- relationships (internal and/or external):
 - interactions with real clients
 - interactions with a registered veterinarian.

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>