



Australian Government

Assessment Requirements for ACMVET507 Provide nursing support for critical care surgery

Release: 2

Assessment Requirements for ACMVET507 Provide nursing support for critical care surgery

Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 4.0.
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:

- provided appropriate nursing support for critical care surgery for a minimum of three animals, including all of the following procedures:
 - placement and care of catheters, chest and other drains and tracheostomy tubes
 - fluid therapy
 - oxygen therapy
 - monitoring urinary output
 - emergency procedures
 - emergency anaesthetic procedures
 - artificial and assisted respiration
 - administration of life support techniques and medicines
- handled animals gently and calmly and exhibited appropriate care for animals so that stress and discomfort is minimised
- used safe work practices during critical care surgical procedures
- 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 in relation to emergency and critical care outlined in the elements and performance criteria of this unit. This includes knowledge of:

- after care requirements including medication, wound management, nutrition, exercise, physical therapy and environment
- animal anatomy and physiology related to the monitoring of vital signs and the management of animals through critical care nursing and surgical procedures
- vital sign monitoring, including:
 - capillary refill time
 - central venous pressure
 - chest auscultation
 - blood pressure
 - femoral pulse
 - heart rate and rhythm
 - mucous membrane colour
 - pupillary light reflex
 - respiration
 - temperature
- blood gas analysis
- instruments for monitoring vital signs, including:
 - capnographs
 - electrocardiogram (ECG)
 - oesophageal stethoscopes
 - pulse oximeters
 - blood pressure monitoring device
- blood, blood types, blood supply sources and blood product transfusions, transfusion reactions and monitoring of a patient undergoing transfusion, transfusion rates, donor blood collection and management
- clinical signs of shock
- critical care and intensive nursing routines, including:
 - placement and care of catheters, chest and other drains and tracheostomy tubes
 - fluid therapy
 - oxygen therapy
 - monitoring urinary output
 - emergency procedures
 - emergency anaesthetic procedures
 - artificial and assisted respiration
 - administration of life support techniques and medicines
- planes and stages of anaesthesia and anaesthesia equipment
- anaesthetics, including injectable and gaseous compounds, including:
 - pre-emptive analgesia
 - intra-operative analgesia
 - post-operative analgesia
- analgesics administered by the veterinarian or under veterinary supervision, including:

- non-steroidal anti-inflammatory
- narcotics
- other analgesics and opiate antagonists
- other emergency procedures, including:
 - response to anaesthetic recovery/shock complications with particular attention to transport to recovery ward
 - supervision of anaesthetic monitoring equipment
 - intravenous fluid therapy
- state or territory legislation and regulations relating to the practice of veterinary science, work health and safety and animal welfare in critical care surgery
- requirements for referral documentation
- transportation procedures
- patient care plan requirements, including:
 - animal husbandry
 - environmental conditions
 - environmental enrichment
 - patient hygiene and grooming
 - housing
 - need for analgesia and medication
 - nutrition
 - positioning of patient
 - physical therapy.

Assessment Conditions

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

- physical conditions:
 - in the workplace or an environment that accurately reflects a veterinary surgery where emergency and critical care procedures are regularly performed by veterinarians
- resources, equipment and materials:
 - a range of real animals in need of emergency care
 - equipment, instruments and resources typically available to perform critical care procedures
- specifications:
 - access to organisational policies and procedures, current legislation, regulations and relevant codes of practice
- relationships (internal and/or external):
 - supervision by a registered veterinarian who regularly performs emergency and specialised critical care procedures.

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>