



Australian Government

Assessment Requirements for ACMATE511

Carry out post-mortem examination of a research animal

Release: 1

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Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 3.0.
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 of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- prepared for and carried out at least two post-mortem examinations of research animals
- collated records and data and prepared a brief or report of normal and abnormal findings for relevant persons for each post-mortem examination.

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 carrying out post-mortem examination of research animals
- animal biology, anatomy and basic physiology of the range of species in the organisation's research program, including the position, features and appearance of major organs in healthy animals of the species being examined
- basic anatomical and physiological features for the species being examined
- terminology and formats to document findings in post-mortem examinations
- sequence of actions in conducting a post-mortem
- relevance of background or phenotype and how these impact on post-mortem findings
- biosecurity and biohazard issues (for animals and humans), including:
 - definitions of biosecurity, biohazard, quarantine and isolation
 - post-mortem examination and the collection and disposal of samples from animals
 - facility classification and biocontainment levels
- methods and equipment used to collect and prepare tissue and fluid samples for transport to testing area

- organisational policies and safe work procedures, including work health and safety (WHS) and emergency procedures
- key features of the Australian Code for the Care and Use of Animals for Scientific Purposes relevant to carrying out post-mortems
- key requirements of relevant state or territory legislation and regulations, relating to conducting post-mortem examinations
- requirements for the correct preparation, labelling, packaging and disposal of biological and potentially hazardous samples
- specific post-mortem and biosecurity clean-up and disposal techniques, equipment and materials
- workplace hygiene standards, disinfectants, and cleaning agents, techniques and equipment and materials.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - equipment and resources used when conducting a post-mortem examination, including personal protective equipment
 - research animals for post-mortem examination
- specifications:
 - organisational policies and procedures, legislation, regulations, standards and codes of practice relevant to work undertaken in animal research.

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>