



Australian Government

Department of Education, Employment and Workplace Relations

RGRPSG401A Relate anatomical and physiological features to the care and treatment of greyhounds

Release: 1

RGRPSG401A Relate anatomical and physiological features to the care and treatment of greyhounds

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	<p>This unit of competency specifies the outcomes required to identify basic anatomy and physiology of greyhounds, relate anatomy and body systems to the performance of racing greyhounds and follow illness and injury management plans for greyhounds.</p> <p>This unit also requires the practical care and management of racing greyhounds and application of OHS standards in the workplace.</p> <p>This unit of competency operates in work environments of racing kennels, racecourses and public areas.</p> <p>Licensing, legislative, regulatory or certification requirements may apply to this unit. Check with your State Principal Racing Authority for current license or registration requirements.</p>
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Application of the Unit

Application of the unit	<p>This unit of competency supports trainers and others in the greyhound racing industry responsible for relating anatomical and physiological features to the care and treatment of greyhounds.</p> <p>This unit can be contextualised for other industries while also maintaining the integrity of the unit.</p>
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Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units

Employability Skills Information

Employability skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Identify basic anatomy and physiology of greyhounds.	<ol style="list-style-type: none">Key features and functions of skeletal system and muscular system are identified.Key features and functions of respiratory system are identified.Key features and functions of circulatory system are identified.Key features and functions of digestive system are identified.Key features and functions of reproductive system are identified.
Relate anatomy and body systems to performance of racing greyhounds.	<ol style="list-style-type: none">Common illnesses and injuries of skeletal and muscular system of racing greyhounds are identified.Common illnesses and injuries of respiratory system of racing greyhounds are identified.Common illnesses and injuries of circulatory system of racing greyhounds are described.Common illnesses and injuries of digestive system of racing greyhounds are described.
Follow illness and injury management plans.	<ol style="list-style-type: none">Healing processes following illness or injury are recognised.Impact of medications on body systems is understood.Impact of therapies is understood.Care and treatment of injured or sick greyhound are provided according to directions and animal welfare principles.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- adhering to responsibilities under OHS legislation and workplace practices
- adhering to responsibilities under national and state codes of practice; federal, state and territory legislation; and local government regulations covering animal welfare
- administering or supervising administration of non-prescription and prescribed medication
- applying safe handling and work practices when caring for and treating greyhounds
- assessing and responding to illness or injury in greyhounds

REQUIRED SKILLS AND KNOWLEDGE

- caring for and treating greyhounds
- communicating with kennel staff, greyhound health specialists and others using assertive communication techniques to gather and relay information related to relating basic anatomical and physiological features of greyhounds to their care and treatment
- evaluating risks associated with catching and controlling greyhounds
- giving and receiving instructions
- identifying and correctly using different therapies or medications
- identifying features and functions of greyhound body systems
- identifying common illnesses and injuries
- reading and interpreting workplace documentation, including relevant rules of racing and material safety data sheets
- relating to people from a range of social, cultural and ethnic backgrounds and with varying physical and mental abilities
- using or supervising use of technology related to therapy
- written communication skills to complete workplace documentation and reports.

Required knowledge

- communication procedures within kennel and wider racing industry
- common greyhound behaviour, social traits and vices
- common illnesses and injuries in greyhounds
- impact of medications or therapies
- industry terminology related to caring for and treating racing greyhounds
- key features and functions of greyhound body systems
- prohibited substances
- racing industry animal welfare requirements
- racing industry safety requirements, including safe operating procedures
- relevant rules of racing
- restraining techniques for greyhounds
- signs and symptoms of greyhound illnesses and injuries
- types of medications and therapies.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy all of the requirements of the performance criteria, required skills and knowledge and the range statement of this unit and include evidence of the following:

- knowledge of the requirements, procedures and instructions that apply when relating anatomical and physiological features to the care and treatment of greyhounds
- implementation of procedures and timely techniques for the safe, effective and efficient application of care and treatment programs for racing greyhounds
- working with others to undertake and complete procedures that meet required outcomes.

Evidence should be collected over a period of time using a range of greyhounds of different ages, sexes and temperaments, and at different stages of preparation in racing kennel and track environments.

Context of and specific resources for assessment

Competency must be assessed in a racing workplace that provides access to the required resources or simulated environment approved by the relevant State Principal Racing Authority. Assessment is to occur under standard and authorised work practices, safety requirements and environmental constraints. It is to comply with relevant regulatory requirements or Australian Standards requirements.

Assessment of the practical components of this unit will be by observation of relevant skills.

The following resources must be available:

- a variety of greyhounds
- materials and equipment relevant to assessing candidate's ability to relate anatomical and physiological features to the care and treatment of greyhounds
- safe handling areas, such as commercial kennels, and training and racetracks
- work instructions and related documentation.

EVIDENCE GUIDE

Method of assessment

Assessment methods must satisfy the endorsed Assessment Guidelines of the Racing Training Package. The suggested strategies for the assessment of this unit are:

- written and/or oral assessment of candidate's required knowledge
- observed, documented and firsthand testimonial evidence of candidate's application of practical tasks
- simulation exercises conducted in a State Principal Racing Authority approved simulated environment.

Evidence is required to be demonstrated over a period of time, therefore where performance is not directly observed any evidence should be authenticated by supervisors or other appropriate persons.

This unit may be assessed in a holistic way with other units of competency relevant to the industry sector, workplace and job role.

Guidance information for assessment

Assessment methods should reflect workplace demands (e.g. literacy and numeracy demands) and the needs of particular target groups (e.g. people with disabilities, Aboriginal and Torres Strait Islander people, women, people with a language background other than English, youth and people from low socioeconomic backgrounds).

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording in the performance criteria is detailed below.

The range statement provides details of how this competency can be used in the workplaces of the racing industry to relate anatomical and physiological features to the care and treatment of greyhounds. Workplaces include greyhound kennels and racecourses, training tracks and public areas.

Components of **skeletal** and **muscular systems** will include:

- bones
- joints
- ligaments
- muscles

RANGE STATEMENT

- tendons.

RANGE STATEMENT

- Components of ***respiratory system*** will include:
- alveolus
 - diaphragm
 - larynx
 - lungs
 - nostrils
 - pharynx
 - trachea.
- Components of ***circulatory system*** will include:
- arteries
 - blood cells
 - heart
 - lungs
 - veins.
- Components of ***digestive system*** will include:
- caecum
 - diaphragm
 - intestines
 - kidneys
 - mouth
 - oesophagus
 - pharynx
 - stomach.
- Components of ***reproductive system*** will include:
- endocrine glands
 - male and female genital organs
 - oestrous cycle
 - pregnancy and whelping.
- Common illnesses and injuries*** may include:
- skeletal and muscular systems, including:
 - stifle joint lameness
 - suspensory ligament injury
 - respiratory system, including:
 - air passage inflammation
 - canine influenza
 - circulatory disorder
 - digestive system, including:
 - botulism
 - colic
 - hepatitis.
- Healing processes*** may include:
- blood vessels
 - cartilage and bone
 - connective tissue
 - muscle tissue

RANGE STATEMENT

- nerves
- skin and mucosal membrane.

RANGE STATEMENT

Medications may include:

- anabolic steroids
- antibiotics
- anti-inflammatories
- bronchodilators
- hormones
- injections
- muscle relaxants
- poultices
- sedatives
- vasodilators
- vitamins.

Therapies may include:

- acupuncture
- bandaging
- chiropractic
- counter irritation
- electromagnetic
- exercise, for example walking or swimming
- hydrotherapy
- ice and heat
- immobilisation
- laser
- magnetic
- massage
- pharmaceutical
- rest
- ultrasound.

Directions related to care and treatment of greyhounds may include:

- adhering to rules of racing in administration of treatments
- adhering to medication material safety data sheet directions
- administering prescribed treatments
- advice from veterinary surgeons, acupuncturists, chiropractors or message therapists.

Unit Sector(s)

Unit Sector	Greyhound racing code
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Co-requisite units

Co-requisite units

Functional Area

Functional Area Racing performance services