



Australian Government

SIFEMWK009 Apply anatomy and physiology principles to embalming

Release: 1

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Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to apply an understanding of human body structure, systems and terminology as they relate to embalming. It applies to embalming staff who work autonomously with a high level of responsibility and work according to work health and safety, relevant legislation and workplace policies and procedures.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Competency Field

Mortuary Work and Embalming

Unit Sector

Embalming

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1. Apply anatomical and physiological terminology to the embalming process.
2. Apply knowledge of anatomy and physiology to the embalming process.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Recognise the structures and functions of the body in relation to embalming.
- 1.2 Locate and explain the circulatory and lymphatic systems in terms of their importance to embalming.
- 2.1 Locate and examine the arterial sites used for injecting embalming fluid during the embalming process.
- 2.2 Locate and examine the venous sites used for draining venous fluid during the embalming process.
- 2.3 Locate and examine the organs treated during the embalming process.

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed below:

- Learning skills to interpret and organise anatomical and physiological theories.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c2c3131e-4418-4aa3-8ff1-a855c95f7fd6>

Assessment Requirements for SIFEMWK009 Apply anatomy and physiology principles to embalming

Modification History

Not applicable.

Performance Evidence

Evidence of the ability to:

- use anatomical and physiological terminology as they apply to the embalming process
- apply knowledge of the structure and functions of anatomy and physiology to the embalming process.

Evidence of performance of applying anatomy and physiology principles to the embalming process on two or more occasions is required to demonstrate consistency of performance and ability to respond to different situations.

Knowledge Evidence

Demonstrated knowledge of:

- anatomy and physiology terminology as it relates to embalming
- anatomy and physiology as it relates to embalming, including:
 - the structural levels of organisation in the study of anatomy and physiology
 - the functions of the internal transportation systems of the body
 - the gas exchange that occurs within the respiratory system
 - role of the nervous system
 - role of the musculo-skeletal system
- body systems in regard to their interdependence and relationship to the muscles and nerves as related to the embalming process:
 - skeletal and muscular, including muscle contractibility and motor points
 - lymphatic, digestive, respiratory, and circulatory systems
- arterial sites and venous sites used for injecting embalming fluid
- physical and chemical changes that occur after death and their possible impact on the embalming process.

Assessment Conditions

Skills must be demonstrated in a mortuary workplace or in a simulated environment that is as industry realistic as possible. In a simulated environment, it is essential that assessment is conducted:

- using suitable facilities, equipment and resources, including:

- a mortuary environment
- deceased bodies or models of deceased bodies
- mortuary instruments and equipment including personal protective equipment and chemicals
- under industry operating conditions where there is:
 - integration of tasks with possible interruptions to work typical of the job role

As well as satisfying the NVR/AQTF mandatory competency requirements, assessors must also be a qualified embalmer.

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