

Assist the veterinarian with ultrasound imaging of an animal

Level 3

Credits 3

Purpose People credited with this unit standard are able to: prepare the patient and equipment for the procedure; assist with basic procedures; and carry out post-procedure duties.

Subfield Animal Care and Handling

Domain Veterinary Nursing

Status Registered

Status date 8 August 1996

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0228

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 For credit, evidence must be in accordance with the statutory and industry requirements contained in the following documents.
Relevant and current National Animal Welfare Advisory Committee (NAWAC) Codes of Welfare and Codes of Recommendations and Minimum Standards, available at <http://www.maf.govt.nz>, under animal welfare.
Relevant New Zealand Veterinary Association (NZVA) standards, available from NZVA, PO Box 11-212, Manners Street, Wellington (<http://www.vets.org.nz>) including the current version of *Standard Procedures for Veterinary Nursing and Animal Care*.
Animal Welfare Act 1999, Health and Safety in Employment Act 1992, and any subsequent amendments.
- 2 *In-house procedures* refer to the documented policies and procedures for animal handling and ethical behaviour codes required by the employer.

3 Underpinning Knowledge

The following areas of knowledge underpin performance of the elements in this unit standard:

Element 1

Parts of ultrasound equipment, their functions (Doppler facility, modes A, B, M)

Types of transducers in relation to area (linear array/sector)

Uses of ultrasound (echo-cardiography, abdominal ultrasonography, pregnancy examination, examination of equine tendons)

Element 2

Types of image enhancing aids used

Element 3

Selection, use, activity, and features of antiseptics and disinfectants and association with micro-organisms

Factors which affect rate of infection

Sterilisation methods appropriate for types of materials.

Elements and performance criteria

Element 1

Prepare the patient and equipment for the procedure.

Performance criteria

- 1.1 Function checks are carried out on equipment according to manufacturer's instructions.
- 1.2 Patient is prepared for ultrasound in a manner appropriate for procedure to be carried out.

Element 2

Assist with basic procedures.

Performance criteria

- 2.1 Patient is positioned and restrained according to type of procedure.
- 2.2 Assistance is provided to the veterinarian as directed.

Element 3

Carry out post-procedure duties.

Performance criteria

- 3.1 Client records are completed according to in-house procedures.
- 3.2 Equipment is disassembled and cleaned according to type of material and manufacturer's instructions.

3.3 Equipment is stored to ensure safety and avoid deterioration.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.