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LEVEL 2 AWARD, LEVEL 3 AWARD AND CERTIFICATE IN HYDROTHERAPY FOR SMALL ANIMALS

SAMPLE UNITS FROM QUALIFICATION GUIDANCE

Level 2 Award in Hydrotherapy for Small Animals – 500/6741/2
Level 3 Award in Hydrotherapy for Small Animals – 500/6739/4
Level 3 Certificate in Hydrotherapy for Small Animals – 500/6707/2

When centres are approved to run an ABC qualification, they are given access to a wide range of resources and information in the restricted area of the ABC web site

Each qualification has a Qualification Guide giving providers more details to help with delivery and guidance. Here are two sample units from the Guide.

Check the ABC website for other resources available to help in the delivery and assessment of ABC qualifications

Unit Title	**H/600/3728 Introduction to hydrotherapy for small animals**
Level	**2**
Credit Value	**3**
Guided Learning Hours	**30**
Unit Summary	In this unit, learners will gain a basic understanding of hydrotherapy and the conditions it can treat. Learners will explore the equipment which is available and learn how to prepare for a hydrotherapy session
Learning Outcomes (1 to 5) ***The learner will:***	**Assessment Criteria (1.1 to 5.3)** ***The learner can:***
1. Understand what is meant by 'hydrotherapy'	**1.1** Describe what is meant by hydrotherapy
2. Know about the conditions which can be treated by hydrotherapy	**2.1** Identify the location of key bones, muscles and ligaments that are often treated with hydrotherapy **2.2** Identify six clinical conditions that could benefit from hydrotherapy treatment and how certain conditions might be related **2.3** Describe the benefits of hydrotherapy treatment
3. Know about the different types of hydrotherapy equipment available	**3.1** Identify the main equipment used in hydrotherapy treatment **3.2** Summarise how this equipment would be used giving examples of conditions that it would be suitable for and examples of conditions it would not be suitable for **3.3** Demonstrate the use of a hoist
4. Know how to prepare hydrotherapy equipment	**4.1** Identify and undertake preliminary health and safety checks on equipment in accordance with manufacturers guidelines, statutory requirements and good practice **4.2** Identify and select appropriate harness/life-jacket to use with specific hydrotherapy equipment and the benefits of each in specific circumstances

	4.3 Identify and avoid obvious risks to self, clients and animals in the hydrotherapy centre
5. Understand water management	**5.1** Describe what water is tested for and the equipment that can be used to do this **5.2** Identify the significance and implications of water testing results **5.3** Explain why it is important to store chemicals safely and correctly in accordance with manufacturers guidelines and statutory requirements

Mapping to National Occupational Standards
There are no National Occupational Standards for Hydrotherapy

There are links to Lantra's Animal Care NOS
CU45.1 Restrain animals
Element A.1 Identify hazards and evaluate risks in your workplace
Element A.2 Reduce risks to health and safety in your workplace

Key Skills Mapping
Level 2 Communication - C2.1a, C2.1b, C2.3
Level 3 Information Technology - IT 2.1, 2.2, 2.3
Level 3 Improving own Learning and Performance - LP2.1, LP2.2, LP2.3

SUPPORTING UNIT INFORMATION

H/600/3728 Introduction to hydrotherapy for small animals – Level 2

INDICATIVE CONTENT

Learning Outcome1. Understand what is meant by 'hydrotherapy'
Water Healing Treatment.

Learning Outcome 2. Know about the conditions which can be treated by hydrotherapy
Conditions which benefit e.g. dyslapsia, ostoechondritis dessicans(OCD), cranial cruciate ligament, patellar luxation, spinal injuries.

Benefits e.g. zero impact, non weight bearing, muscle building, cardio vascular fitness, mental stimulation, improved circulation, weight management.

Learning Outcome 3. Know about the different types of hydrotherapy equipment available
Equipment – hoist, harness, lifejacket, treadmill, pool.
Learners may explore the different manufacturers.

Learning Outcome 4. Know how to prepare hydrotherapy equipment
Checks and Risks – Health and Safety for staff and animals needs to be paramount at all times. It is important that all procedures follow manufacturers' recommendations and current statutory requirements.

Learning Outcome 5. Understand water management
- Water tested Test 3 times a day
- Test to include free chlorine, bromine, total chlorine ph,

Significance and implications of water testing results – actions which may be needed post results

Correct storage of chemicals

TEACHING STRATEGIES AND LEARNING ACTIVITIES

This unit must be delivered by a suitably qualified and experienced person.

This unit can be delivered by lecture, power point presentation, visiting speakers and visits. Group work could be introduced when selecting equipment and learners could work together to research some of the information required.

Learning should be as active as possible. The theory elements of this unit need to be related to actual cases where possible.

In this unit, it is expected that learners will have the opportunity to observe hydrotherapy treatment be administered, and as part of the assessment they are required to demonstrate the use of specified equipment. This must be supervised by a suitably qualified and experienced person.

It is not appropriate in this unit for learners to use a treadmill, but they should be able to observe its use by a suitably qualified and experienced person.

Centres should adopt a delivery approach which supports the development of their particular learners. The aims and aspirations of all learners, including those with identified special needs, including learning difficulties/disabilities, should be considered and appropriate support mechanisms put in place.

METHODS OF ASSESSMENT

This unit will be internally assessed, internally and externally moderated via a learner's portfolio and other related evidence, against the unit outcomes and assessment criteria.

Minimum requirements when assessing this unit
ABC expects that staff will be appropriately qualified to assess learners against the outcomes and criteria within the units. Generally teaching staff should be qualified and/or vocationally experienced to at least a level above that which they are teaching.

EVIDENCE OF ACHIEVEMENT

Learners will need to provide evidence that they have achieved each of the assessment criteria.

Assessment tasks should be practical wherever possible and supervised by a suitably qualified and experienced person.
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Evidence is not prescribed but may include any or all of the following

- Observation reports
- Oral / Written questions and answers
- Reports / notes
- Worksheets / workbooks
- Witness statements
- Taped evidence (video or audio)
- Photographic evidence
- Case studies / assignments
- Centre devised test

*The most appropriate evidence for the qualification should be used. This is not an exhaustive list and other evidence is acceptable.

Evidence should be varied, the learner's own work and naturally generated from the activities undertaken on the course.

It must clearly demonstrate how the learner has met the assessment criteria for the unit.

Evidence should be clearly cross-referenced to assessment criteria and portfolio location.

Photographic evidence, articles, handouts etc. must be appropriately annotated to clearly demonstrate the learner's role and how it meets the assessment criteria.

Witness and observation statements should contain the name and status of the witness / observer and be signed and dated.

Group evidence is admissible where the individual learner's role is properly identified or described.

All evidence must be clearly signposted and made available for the external moderator upon request.

All internal assessments must be accompanied by a signed Declaration of Authenticity (this document is available on the ABC web site – www.abcawards.co.uk).

ADDITIONAL INFORMATION

Centres must have appropriate physical resources to successfully implement the programme. Delivery staff must be appropriately trained and qualified.

Learners must be supervised closely when performing practical activities.

Unit Title	**A/600/3766 Pool water management for small animal hydrotherapy**
Level	**3**
Credit Value	**3**
Guided Learning Hours	**20**
Unit Summary	In this unit, learners will gain a basic understanding of pool water management. Learners will explore the functions of the various pieces of pool plant and equipment, basic water chemistry and the relationship of the various chemicals used
Learning Outcomes (1 to 4) ***The learner will:***	**Assessment Criteria (1.1 to 4.5)** ***The learner can:***
1. Know the importance of Hydrotherapy management	**1.1** Describe the various pieces of plant and equipment **1.2** Explain the purpose and outcome of adding chemicals to pool water
2. Know how to maintain water equipment	**2.1** Explain why regular maintenance is important **2.2** Describe what maintenance is required and how this is carried out
3. Know how to manage water treatment chemicals	**3.1** Identify which chemicals are required and why they are used **3.2** Explain what precautions are required when handling, storing and dosing pool chemicals **3.3** Describe how chemicals should be stored **3.4** Describe which chemicals are considered to be incompatible and explain why
4. Know how to test pool water	**4.1** Identify which pool water tests are required and their importance **4.2** Describe the various types of test kits available and discuss the pros and cons of each **4.3** Describe how frequently tests should be carried out and why

	4.4 Conduct two pool tests correctly at suitable intervals **4.5** Through interpretation of results, describe how the pool tests taken are used to raise or lower the various parameters

Mapping to National Occupational Standards
There are no National Occupational Standards for Hydrotherapy

There are links to Lantra's Animal Care NOS
CU1.1 Maintain the safety of self and others in the workplace
Element A.1 Identify Hazards and evaluate risks in your workplace
Element A.2 Reduce risks to health and safety in your workplace

Key Skills Mapping
Level 3 Communication - C3.1a, C3.1b, C3.3
Level 3 Information Technology - IT 3.1, 3.2, 3.3
Level 3 Improving own Learning and Performance - LP3.1, LP3.2, LP3.3

SUPPORTING UNIT INFORMATION

A/600/3766 Pool water management for small animal hydrotherapy – Level 3

INDICATIVE CONTENT

Learning Outcome 1. Know the importance of pool water management
Learners will need to know the various pieces of pool plant

- Surface water removal – 75% of pollution is found in the top 6”
- Low level water removal – essential to remove pollution laying on the pool bottom
- Pump strainer basket – protects the pump from damage by any solid debris and animal hair
- 5 way valve and ball valves – used to direct the water along the desired path
- Filter – used to remove small particles and maintain water clarity
- Heat exchanger or boiler
- Understand how chemicals incorrectly dosed can have an adverse effect on plant and equipment

Learning Outcome 2. Know how to maintain water equipment
Learners should be capable of carrying out the required basic maintenance and its frequency

- Cleaning skimmer baskets
- Cleaning pump strainer
- Cleaning pump strainer O-ring – allowing a water tight seal to be achieved wit a minimum of force
- Backwash the filter – used to remove particles form the water
- Rinse the filter
- Understand the factors which will affect the time scale of maintenance - Cleaning will be directly proportional to the number of animals being swum

Learning Outcome 3. Know how to manage water treatment chemicals

- Identify the various sanitisers that are available – chlorine or bromine based
- How the choice of sanitiser will dictate some of the other chemicals required – an acidic sanitiser will require an alkali to correct pH
- Understand MSDS sheets and their importance – the basis for a risk assessment
- Who should be allowed to dose chemicals – the importance of chemical dosing only carried out by trained personnel
- How they should be stored safely – follow manufacturers guidelines
- How they should be dosed – to prevent damage to plant or fittings

Learning Outcome 4. Know how to test pool water

- Tests required free and total chlorine, pH and alkalinity
- The inter-relationship between these tests
- Test strips, comparator and photometric kits, strips being the most inaccurate and photometric kits being the most accurate
- Test should be carried out at least 3 times per day
- Interpret the results and using a dosing chart calculate the quantity of each chemical required

TEACHING STRATEGIES AND LEARNING ACTIVITIES

This unit must be delivered by a suitably qualified and experienced person.

This unit can be delivered by observation, research, lecture, power point presentation, visiting speakers and visits.

Learning should be as active and practical as possible.

Practical activities must be closely supervised.

In practical situations, health and safety requirements must be followed at all times.

Group work is possible within this unit.

Centres should adopt a delivery approach which supports the development of their particular learners. The aims and aspirations of all learners, including those with identified special needs, including learning difficulties/disabilities, should be considered and appropriate support mechanisms put in place.

METHODS OF ASSESSMENT

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Minimum requirements when assessing this unit
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EVIDENCE OF ACHIEVEMENT

Learners will need to provide evidence that they have achieved each of the assessment criteria.

Assessment tasks should be practical wherever possible and supervised by a suitably qualified and experienced person.

Learners are required to conduct two pool tests correctly at suitable intervals. Appropriate evidence of this will be needed.

Evidence is not prescribed but may include any or all of the following*

- Observation reports
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