

SEG Awards Level 4 Diploma in Canine Hydrotherapy

Qualification Guidance

Level 4 Diploma - 603/5092/1



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At Skills and Education Group Awards we continually invest in high quality qualifications, assessments and services for our chosen sectors. As a UK leading sector specialist, we continue to support employers and skills providers to enable individuals to achieve the skills and knowledge needed to raise professional standards across our sectors.

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Sources of Additional Information

Skills and Education Group Awards website www.skillsandeducationgroupawards.co.uk provides access to a wide variety of information.

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1.3	October 2020	Format update
1.4	August 2021	New review date set
1.5	February 2026	New review date set
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This is a live document and as such will be updated when required. It is the responsibility of the approved centre to ensure the most up-to-date version of the Qualification Guide is in use. Any amendments will be published on our website and centres are encouraged to check this site regularly.

Introduction

This qualification has been developed due to a demand from the canine hydrotherapy industry for further specialist training opportunities. This patient-focused provision allows learners to further their knowledge and skills within subject areas they would like to develop. The units are all optional, allowing learners to build the qualification based on their professional development requirements. Alternatively, learners can gain accreditation for individual units achieved.

Pre-requisites

Entry requirements for this qualification is the SEG Awards Level 3 Certificate in Canine Hydrotherapy. Learners should be aware, that this qualification requires in-depth study, critical thinking skills and the ability to be autonomous as a clinical practitioner.

Aims

The Skills and Education Group Awards Level 4 Diploma in Canine Hydrotherapy aims to:

- Promote safe and effective clinical hydrotherapy practice
- Enhance and improve clinical hydrotherapy skills and treatment techniques provided by the therapist
- Expand scientific knowledge and understanding linked to clinical practice
- Cultivate a holistic approach to patient care with in-depth understanding of devising, implementing and appraise individual hydrotherapeutic programmes
- Enrich patient care and welfare as clinical practitioners
- Augment professionalism and ethical practice within the wider canine hydrotherapy industry
- Develop business management skills and quality assurance for clinical practice
- Prepare learners to progress onto appropriate further qualifications

Target Group

This qualification is designed to further enhance knowledge and skills gained from achievement at Level 3. Its versatility appeals to a wide range of clinical practitioners and allows the learner to focus on individual development opportunities. Potential learners and the target market include those who have the desire and commitment to enhance the therapeutic service they offer. This qualification allows learners to make a more informed clinical decision when treating canine patients. It is appropriate for those who are:

- Returning to study
- Seeking a career change (subject to achievement of the pre-requisites above)
- Hydrotherapy centre owners
- Hydrotherapy centre practitioners
- Enhancing career prospects through extra qualifications
- Seeking development of enhanced clinical skills

Skills and Education Group Awards expects approved centres to recruit with integrity based on a learner's ability to contribute to and successfully complete all the requirements of a unit/s or the full qualification.

Content Overview

The SEG Awards Level 4 Diploma in Canine Hydrotherapy qualification covers the following units:

Advanced Canine Aquatic Treadmill Techniques – This unit aims to progress a learner's clinical competencies and treatment techniques using an aquatic treadmill, to achieve positive outcomes for the individual canine patient. It will enable the learner to develop their "therapeutic toolbox" of treatment techniques to offer a more comprehensive aquatic treadmill service.

Advanced Canine Hydrotherapy Pool Techniques – This unit aims to progress a learner's clinical competencies and treatment techniques using a hydrotherapy pool, to achieve positive outcomes for the individual canine patient. It will enable the learner to develop their "therapeutic toolbox" of treatment techniques to offer a more comprehensive hydrotherapy pool service.

Hydrotherapy Centre Management and Business Strategies – This unit will enable the candidate to design and successfully manage a hydrotherapy centre offering a quality professional service in canine hydrotherapy.

Advanced Hydrotherapy Treatment Techniques for the Canine Orthopaedic Patient – This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the acute and chronic orthopaedic canine patient. This unit will enable the candidate to develop their scientific knowledge and understanding, linked to clinical practice.

Advanced Hydrotherapy Treatment Techniques for the Canine Neurological Patient – This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the neurological canine patient. This unit will enable the learner to expand their scientific knowledge and understanding, linked to clinical practice.

Advanced Hydrotherapy Treatment Techniques for the Senior Canine Patient – This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice. By expanding management strategies for the senior canine patient, a more complete and holistic package of care can be implemented. This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the senior canine patient.

Administering Feline Hydrotherapy Techniques and Treatments – This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice, of

the feline hydrotherapy patient. This unit aims to further develop safe and competent practice using appropriate clinical reasoning and critical thinking skills.

Advanced Hydrotherapy Techniques for Canine Fitness and Conditioning – This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice, in the athletic and working dog. This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the athletic and working canine client.

Advanced Hydrotherapy and Water Management Strategies and Solutions – This unit will enable the learner to empower their water management solutions in the canine hydrotherapy setting. This is an important part of successfully centre management in offering a quality professional service in canine hydrotherapy.

Advanced Professional and Ethical Practice for Canine Hydrotherapy – This unit will assist the learner in gaining a deeper understanding, and explore the concept of, professional accountability and their duties as clinical practitioners. This unit aims to consider some of the moral and ethical conflicts that may be encountered when caring for, and treating, canine patients and working with colleagues. Learners will look at how to apply strategies for resolving such conflicts and/or how to seek appropriate help and advice.

Advanced Canine Behaviour for Clinical Practice – This unit will enable the learner to further develop their knowledge regarding canine behaviour, enabling them to create a more holistic approach in their canine hydrotherapy treatment techniques and programmes.

Qualification Structure and Rules of Combination

Rules of Combination: To achieve this qualification, learners will need to achieve 37 credits.

Unit	Unit Number	Level	Credit Value	GL
Optional Units				
Advanced Canine Aquatic Treadmill Techniques	A/617/7756	4	15	77
Advanced Canine Hydrotherapy Pool Techniques	F/617/7757	4	15	77
Hydrotherapy Centre Management and Business Strategies	J/617/7758	4	8	75
Advanced Hydrotherapy Treatment Techniques for the Canine Orthopaedic Patient	F/617/7760	4	9	86
Advanced Hydrotherapy Treatment Techniques for the Canine Neurological Patient	J/617/7761	4	9	86

Advanced Hydrotherapy Treatment Techniques for the Senior Canine Patient	L/617/7762	4	9	86
Administering Feline Hydrotherapy Techniques and Treatments	R/617/7763	4	6	64
Advanced Hydrotherapy Techniques for Canine Fitness and Conditioning	Y/617/7764	4	8	80
Advanced Hydrotherapy Water Management Strategies and Solutions	D/617/7765	4	8	76
Advanced Professional and Ethical Practice for Canine Hydrotherapy	H/617/7766	4	6	57
Advanced Canine Behaviour for Clinical Practice	K/617/7767	4	6	64

Practical Hours Requirement

There is no external practical hour requirements attached to this qualification.

Assessments

This qualification is to be completed by portfolio submission including physical demonstration on live animals throughout units, with clear evidencing linked to the relevant Assessment Criteria. Where physical demonstration is required, this needs to be observed and recorded by the tutor to support the overall qualification submission.

Resources

Skills and Education Group Awards provides the following additional resources for this qualification:

- Purpose Statement
- Learner Unit Achievement Checklist

Teaching Strategies and Learning Activities

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

Progression Opportunities

Successful completion of the SEG Awards Level 4 Diploma in Canine Hydrotherapy can lead to further higher education opportunities within the animal care sector. This qualification is also transferable into a range of other career and educational opportunities.

NB Progression from a Level 3 programme onto a Level 4 programme is not automatic. Learners are advised to check with the centres regarding selection procedures which may require further evidence of a learner's suitability to progress to this Level 4 qualification. This programme demands that learners can demonstrate understanding in extended written form.

Centres should be aware that Reasonable Adjustments, which may be permitted for assessment, may in some instances limit a learner's progression into the sector. Centres must, therefore, inform learners of any limits their learning difficulty may impose on future progression.

Tutor/Assessor Requirements

Skills and Education Group Awards require those involved in the teaching and assessment process to be suitably experienced and / or qualified. Assessors should also be trained and qualified to assess or be working towards appropriate qualifications.

Those responsible for Internal Quality Assurance (IQA) must be knowledgeable of the subject/occupational area to a suitable level to carry out accurate quality assurance practices and processes.

Language

These specifications and associated assessment materials are in English only.

Minimum Equipment Requirements

Minimum equipment requirements to deliver the SEG Awards Level 4 Diploma in Canine Hydrotherapy:

- Aquatic Treadmill – required if teaching Introduction to Aquatic Treadmill Practice
- Pool – pool needs to be big enough to fit both trainer, trainee and canine
- Ramp – safe entry and exit
- Harnesses and life jackets
- Showering facilities for dogs
- First Aid Kits – Canines
- First Aid Kits - Huma
- Emergency Evacuation Procedure
- Separate locked area for water treatment chemicals
- All appropriate Health and Safety policies and procedures
- Risk assessment complete for the activities carried out on site, for example:
 - testing pool water

- swimming dogs
 - showering dogs
- Fire Safety
 - door
 - signs
 - appropriate fire extinguisher(s)
- Student toilet
- Student showering facilities - recommended
- Teaching room with adequate seating and resources to deliver the qualification
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Institute of Registered Veterinary and Animal Physiotherapist

This qualification is currently endorsed by the Institute of Registered Veterinary and Animal Physiotherapists (IRVAP).

The Institute of Canine Hydrotherapists (ICH) are a subgroup to IRVAP. The ICH sets the standards for professionalism and clinical proficiency in therapeutic canine hydrotherapy.

Qualification Summary

Qualification								
SEG Awards Level 4 Diploma in Canine Hydrotherapy – 603/5092/1								
Qualification Purpose	E. Updating and continuing professional development E2. Develop knowledge and/or skills in order to gain recognition at a higher level or in a different role							
Age Range	Pre 16		16-18		18+		19+	✓
Regulation	The above qualifications are regulated by Ofqual							
Assessment	- Internal assessment - Internal and external moderation							
Type of Funding Available	See FaLA (Find a Learning Aim)							
Qualification/Unit Fee	See Skills and Education Group Awards web site for current fees and charges							
Grading	Pass To achieve a Pass learners must complete all units as stated in the rule of combination (RoC)							
Operational Start Date	01/09/2019							
Review Date	30/08/2028							
Operational End Date								
Certification End Date								
Guided Learning (GL)	191							
Total Qualification Time (TQT)	365							
Credit Value	37							
Skills and Education Group Awards Sector	Animal Care							
Ofqual SSA Sector	3.3 Animal Care and Veterinary Science							
Support from Trade Associations	Endorsed by IRVAP							
Administering Office	See Skills and Education Group Awards web site							

CHL4U1 - Advanced Canine Aquatic Treadmill Techniques

Unit Reference	A/617/7756
Level	4
Credit Value	15
Guided Learning (GL)	77 hours
Unit Summary	This unit aims to progress a learner's clinical competencies and treatment techniques when using an aquatic treadmill, to achieve positive outcomes for the individual canine patient. It will enable the learner to develop their "therapeutic toolbox" of treatment techniques to offer a more comprehensive aquatic treadmill service. Learners will link knowledge and understanding of canine biomechanics and functional anatomy to treatment techniques, assisting them in devising a specific programme to meet each dog's mobility needs. This unit will advance the canine practitioners hydrotherapeutic clinical skills set and practice. This unit will cover the following subject areas: 1. Advanced aquatic treadmill techniques 2. Canine gait assessment and analysis 3. Canine functional anatomy and biomechanics 4. Clinical reflection and evaluation Specific requirements and restrictions: Learners must have achieved optional unit Hydrotherapy Treadmill Therapy for Small Animals (T/504/6475) from the SEG Awards Level 3 Diploma in Hydrotherapy for Small Animals or optional unit Introduction to Aquatic Treadmill Practice (F/617/6401) from the SEG Awards Level 3 Certificate in Canine Hydrotherapy.
Learning Outcomes (1 to 9) <i>The learner will</i>	Assessment Criteria (1.1 to 9.6) <i>The learner can</i>
1. Understand canine natural balanced motion in aquatic	1.1. Describe canine balance and movement

treadmill practice	1.2. Explain the role of muscles in canine movement and function 1.3. Describe the role of the proprioceptive system in canine movement and function 1.4. Evaluate the importance of proprioceptive enriched techniques in canine aquatic treadmill practice
2. Understand the components utilised in an individual treatment programme using an aquatic treadmill	2.1. Discuss how the hydrotherapist uses water properties as part of a treatment in an aquatic treadmill 2.2. Discuss how the canine patient's behaviours may impact on their movement in an aquatic treadmill 2.3. Discuss the use of static and dynamic treatment techniques as part of a treatment in an aquatic treadmill 2.4. Describe how the canine patient's sensory awareness may be affected in an aquatic treadmill 2.5. Discuss why a proprioceptive enriched plan improves canine movement and function
3. Understand the components of a canine gait assessment for aquatic treadmill practice	3.1. Explain the different types of canine gait patterns 3.2. Explain the observations the hydrotherapist may make during a canine gait assessment 3.3. Describe the swing and stance phases of different gait patterns 3.4. Describe functional canine movement patterns essential for daily living
4. Be able to demonstrate canine gait assessment	4.1. Conduct appropriate gait assessment prior to aquatic treadmill treatment 4.2. Conduct appropriate gait assessment during aquatic treadmill treatment 4.3. Conduct appropriate gait assessment following

	aquatic treadmill treatment
5. Understand the clinical use of canine gait analysis in aquatic treadmill practice	5.1. Describe the different types of canine gait analysis available 5.2. Discuss the limitations of canine gait analysis in the clinical setting
6. Be able to demonstrate canine gait analysis using assessment findings	6.1. Analyse the gait of canine patients referred for aquatic treadmill therapy 6.2. Integrate gait analysis findings into the overall assessment process
7. Be able to assess the canine musculoskeletal system using therapeutic palpation techniques	7.1. Evaluate the use of a range of canine therapeutic palpation techniques in clinical practice 7.2. Demonstrate a range of therapeutic palpation techniques that can be utilised by the hydrotherapist during aquatic treadmill therapy
8. Be able to apply a range of advanced treatment techniques in the aquatic treadmill	8.1. Demonstrate a range of aquatic manual therapies 8.2. Demonstrate a range of aquatic balance techniques 8.3. Demonstrate a range of aquatic movement therapies 8.4. Conduct aquatic treadmill treatments using advanced techniques
9. Appraise the use of aquatic treadmill treatment in clinical practice	9.1. Discuss how to evaluate the efficacy of aquatic treadmill treatment 9.2. Reflect on the use of an aquatic treadmill as part of your clinical practice 9.3. Reflect on your performance during aquatic treadmill treatments 9.4. Reflect on your selection of treatment techniques in the aquatic treadmill

	9.5. Evaluate canine patient performance and outcomes 9.6. Evaluate why understanding advanced aquatic treadmill techniques is important when working as a hydrotherapist
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CHL4U2 - Advanced Canine Hydrotherapy Pool Techniques

Unit Reference	F/617/7757
Level	4
Credit Value	15
Guided Learning (GL)	77 hours
Unit Summary	This unit aims to progress a learner's clinical competencies and treatment techniques when using a hydrotherapy pool, to achieve positive outcomes for the individual canine patient. It will enable the learner to develop their "therapeutic toolbox" of treatment techniques to offer a more comprehensive hydrotherapy pool service. Learners will link knowledge and understanding of canine biomechanics and functional anatomy to treatment techniques, assisting them in devising a specific programme to meet each dog's mobility needs. This unit will advance the canine practitioners hydrotherapeutic clinical skills set and practice. This unit will cover the following subject areas: 1. Advanced hydrotherapy pool techniques 2. Canine gait assessment and analysis 3. Canine functional anatomy and biomechanics 4. Clinical reflection and evaluation Specific requirements and restrictions: None.
Learning Outcomes (1 to 9) <i>The learner will</i>	Assessment Criteria (1.1 to 9.6) <i>The learner can</i>
1. Understand canine natural balanced motion in the hydrotherapy pool	1.1. Describe canine balance and movement 1.2. Explain the role of muscles in canine movement and function 1.3. Describe the role of the proprioceptive system in canine movement and function 1.4. Evaluate the importance of proprioceptive

	techniques in canine hydrotherapy pool practice
2. Understand the components utilised in an individual treatment programme using a hydrotherapy pool	2.1. Discuss how the hydrotherapist uses water properties as part of a treatment using a hydrotherapy pool 2.2. Discuss how the canine patient's behaviours can impact on their movement in the hydrotherapy pool 2.3. Describe the use of static and dynamic treatment techniques as part of a treatment in a hydrotherapy pool 2.4. Describe how the canine patient's sensory awareness may be affected in a hydrotherapy pool 2.5. Discuss why a proprioceptive enriched plan improves canine movement and function
3. Understand the components of a canine gait assessment for hydrotherapy pool practice	3.1. Explain the different types of canine gait patterns 3.2. Explain the observations the hydrotherapist may make during a canine gait assessment 3.3. Describe the swing and stance phases of different gait patterns 3.4. Describe functional canine movement patterns essential for daily living
4. Be able to demonstrate canine gait assessment	4.1. Conduct appropriate gait assessment prior to hydrotherapy pool treatment 4.2. Conduct appropriate gait assessment during a hydrotherapy pool treatment 4.3. Conduct appropriate gait assessment following hydrotherapy pool treatment
4. Understand the clinical use of canine gait analysis in hydrotherapy pool practice	5.1. Describe the different types of canine gait analysis available 5.2. Discuss the limitations of canine gait analysis in the clinical setting

5. Be able to demonstrate canine gait analysis using assessment findings	6.1. Analyse the gait of canine patients referred for hydrotherapy pool treatments 6.2. Integrate gait analysis findings into the overall assessment process
6. Be able to assess the canine musculoskeletal system using therapeutic palpation techniques	7.1. Evaluate the use of a range of canine therapeutic palpation techniques in clinical practice 7.2. Demonstrate a range of therapeutic palpation techniques that can be utilised by the hydrotherapist during hydrotherapy pool treatments
7. Be able to apply a range of advanced treatment techniques in the hydrotherapy pool	8.1. Demonstrate a range of static treatment techniques 8.2. Demonstrate a range of dynamic motion techniques 8.3. Demonstrate alignment techniques to improve movement patterning 8.4. Conduct hydrotherapy pool treatment using advanced techniques on three specified cases
8. Evaluate the use of hydrotherapy pool treatment in clinical practice	9.1. Discuss how to evaluate the efficacy of hydrotherapy pool treatments 9.2. Reflect on the use of hydrotherapy pool treatments as part of your clinical practice 9.3. Reflect on your performance during hydrotherapy pool treatments 9.4. Reflect on your selection of treatment techniques in the hydrotherapy pool 9.5. Evaluate canine patient performance and outcomes 9.6. Evaluate why understanding advanced hydrotherapy pool techniques is important when working as a hydrotherapist

CHL4U3 - Hydrotherapy Centre Management and Business Strategies

Unit Reference	J/617/7758
Level	4
Credit Value	7
Guided Learning (GL)	71 hours
Unit Summary	This unit will enable the candidate to design and successfully manage a hydrotherapy centre offering a quality professional service in canine hydrotherapy. Working within the legal framework and implementing effective policies and protocols for safe a current practice are a requirement for all health care professionals. The unique challenges of canine hydrotherapy mean that business and management skills are an integral part of effective and safe practice management. By understanding how professional and ethical practice dovetails with business management, the hydrotherapist will be able to deliver a service meeting the high standards required for long term success. This unit will cover the following subject areas: 1. Canine hydrotherapy centre design 2. Legalities and professional obligations 3. Financial planning 4. Quality assurance Specific requirements and restrictions: None.
Learning Outcomes (1 to 5) <i>The learner will</i>	Assessment Criteria (1.1 to 5.2) <i>The learner can</i>
1. Understand the specific requirements for effective hydrotherapy centre design	1.1. Explain the considerations for a prospective canine hydrotherapy centre site 1.2. Identify the facilities required for a canine hydrotherapy centre 1.3. Describe the essential requirements for a safe and effective canine hydrotherapy centre

	1.4. Evaluate the design layout of a specified hydrotherapy centre 1.5. Design an improvement plan for a specified hydrotherapy centre
2. Understand the legalities and professional obligations required for canine hydrotherapy	2.1. Identify legal obligations associated with delivery of a canine hydrotherapy service 2.2. Identify professional obligations associated with delivery of a canine hydrotherapy service 2.3. Devise hydrotherapy centre policies and protocols 2.4. Describe the need for professional code of conduct with the canine hydrotherapy industry
3. Understand the need to implement structured financial planning	3.1. Identify the elements of a business model for a hydrotherapy centre 3.2. Devise a business plan to meet the identified elements 3.3. Describe the financial process to forecast initial business set up costs 3.4. Identify the running costs associated with a hydrotherapy centre 3.5. Identify the need for forecasting and development costs for a five-year period
4. Understand the importance of quality assurance within a health care service	4.1. Identify the difference between quality assessment and assurance 4.2. Describe why quality assurance is essential for business growth
5. Be able to carry out a clinical audit for a hydrotherapy service	5.1. Define a clinical audit within healthcare services 5.2. Evaluate the need for a clinical audit as part of the quality assessment process

CHL4U4 - Advanced Hydrotherapy Treatment Techniques for the Canine Orthopaedic Patient

Unit Reference	F/617/7760
Level	4
Credit Value	9
Guided Learning (GL)	43 hours
Unit Summary	This aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the acute and chronic orthopaedic canine patient. This unit will enable the candidate to develop their scientific knowledge and understanding, linked to clinical practice. This unit will cover the following subject areas: 1. Common canine orthopaedic conditions 2. Functional anatomy of canine joints 3. Assessment and treatment techniques for the canine orthopaedic patient 4. Healing processes and pain management Specific requirements and restrictions: None.
Learning Outcomes (1 to 7) <i>The learner will</i>	Assessment Criteria (1.1 to 7.1) <i>The learner can</i>
1. Review the clinical management of common canine orthopaedic conditions	1.1 Describe the clinical signs for common canine orthopaedic conditions 1.2 Evaluate the clinical management of common canine orthopaedic conditions
2. Understand the functional anatomy of the major canine joints	2.1. Describe the key supporting structures of the major canine joints 2.2. Evaluate the canine forelimb and hind limb joints
3. Understand how to assess	3.1. Demonstrate how to palpate the major canine

conformation of the canine orthopaedic patient within the aquatic environment	joints within the aquatic environment 3.2. Demonstrate how to assess loading and paw placement within the aquatic environment
4. Understand the canine healing process	4.1. Identify the stages of tissues healing 4.2. Explain the tissue healing process 4.3. Identify factors that can delay the tissue healing process 4.4. Explain the impact of delayed tissue healing on treatment outcomes 4.5. Describe treatment technique choices to positively enhance the healing process 4.6. Identify the types of pain and their pathways in the canine patient 4.7. Explain the impact pain can have on joint function and canine movement
5. Be able to administer hydrotherapy treatment programmes to the canine orthopaedic patient	5.1. Demonstrate appropriate static hydrotherapy treatment techniques for canine orthopaedic patients 5.2. Demonstrate appropriate dynamic hydrotherapy treatment techniques for canine orthopaedic patients
6. Be able to evaluate the efficiency of hydrotherapy treatment programmes for the canine orthopaedic patient	6.1. Describe appropriate outcome measures for canine orthopaedic patients 6.2. Demonstrate how to assess outcome measures for canine orthopaedic patients 6.3. Analyse the results of outcome measures for canine orthopaedic patients
7. Understand the importance of effective management of the canine orthopaedic patient	7.1. Justify why an understanding of effective management of canine patients with common orthopaedic conditions is important when working as a hydrotherapist

CHL4U5 - Advanced Hydrotherapy Treatment Techniques for the Canine Neurological Patient

Unit Reference	J/617/7761
Level	4
Credit Value	9
Guided Learning (GL)	43 hours
Unit Summary	This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the neurological canine patient. This unit will enable the learner to expand their scientific knowledge and understanding, linked to clinical practice. This unit will cover the following subject areas: 1. Common canine neurological conditions 2. Canine proprioceptive system and muscle tone 3. Assessment and treatment techniques for the canine neurological patient 4. Healing processes and pain management Specific requirements and restrictions: None.
Learning Outcomes (1 to 8) <i>The learner will</i>	Assessment Criteria (1.1 to 8.1) <i>The learner can</i>
1. Review the clinical management of common canine orthopaedic conditions	1.1. Describe the clinical signs for common neurological conditions 1.2. Evaluate the clinical management of common canine neurological conditions
2. Understand ataxia and paresis in the canine neurological patient	2.1. Describe the different types of ataxia in the canine neurological patient 2.2. Define paresis in the canine neurological patient
3. Review the canine proprioceptive system and	3.1. Describe the role of the proprioceptive system in relation to canine muscle tone

muscle tone	3.2. Define normal canine muscle tone 3.3. Evaluate the impact of abnormal muscle tone in canine neurological patients
4. Understand the role of muscle contraction in canine movement and functional tasks	4.1. Identify the key muscle groups essential for canine locomotion 4.2. Identify the key muscle groups essential for providing core stability in the canine patient 4.3. Describe muscle plasticity in the canine patient
5. Understand the canine healing process	5.1. Identify the stages of tissue healing 5.2. Explain the tissue healing process 5.3. Identify factors that can delay the tissue healing process 5.4. Explain the impact of delayed tissue healing on treatment outcomes 5.5. Describe treatment technique choices to positively enhance the healing process 5.6. Identify the types of pain and their pathways in the canine patient 5.7. Explain the impact pain can have on canine movement and function
6. Be able to administer hydrotherapy treatment programmes to the canine neurological patient	6.1. Demonstrate appropriate static hydrotherapy treatment techniques for canine neurological patients 6.2. Demonstrate appropriate dynamic hydrotherapy treatment techniques for canine neurological patients
7. Be able to evaluate the efficiency of hydrotherapy treatment programmes for the canine neurological	7.1. Describe appropriate outcomes measures for canine neurological patients 7.2. Demonstrate how to assess outcome measures for

patient	canine neurological patients 7.3. Analyse the results of outcome measures for canine neurological patients
8. Understand the importance of effective management of the canine neurological patient	8.1. Justify why an understanding of effective management of canine patients with common neurological conditions is important when working as a hydrotherapist

CHL4U6 - Advanced Hydrotherapy Treatment Techniques for the Senior Canine Patient

Unit Reference	L/617/7762
Level	4
Credit Value	9
Guided Learning (GL)	43 hours
Unit Summary	This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice. By expanding management strategies for the senior canine patient, a more complete and holistic package of care can be implemented. This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the senior canine patient. This unit will cover the following subject areas: 1. Common health problems associated with senior canine patients 2. Management strategies for movement in the senior canine patient 3. Assessment and treatment techniques for the senior canine patient Specific requirements and restrictions: None.
Learning Outcomes (1 to 7) <i>The learner will</i>	Assessment Criteria (1.1 to 7.1) <i>The learner can</i>
1. Understand the natural ageing process of the canine patient	1.1. Identify changes in different canine breeds as part of the natural ageing process 1.2. Describe common movement challenges identified in the senior canine patient
2. Review the clinical management of common age-related conditions in the senior care patient	2.1. Describe common conditions identified in the senior canine patient 2.2. Evaluate the clinical management of common

	canine senior conditions
3. Understand management strategies to employ with the senior canine patient	3.1 Identify essential husbandry advice for the senior canine patient 3.2 Devise suitable hydrotherapy treatment aftercare programmes
4. Understand the importance of movement enrichment in the senior canine patient	4.1. Identify different forms of movement enrichment appropriate for the senior canine patient 4.2. Describe the use of movement enrichment for senior canine patients
5. Be able to administer hydrotherapy treatment programmes for the senior canine patient	5.1. Demonstrate appropriate static hydrotherapy treatment techniques for senior canine patients 5.2. Demonstrate appropriate dynamic hydrotherapy treatment techniques for senior canine patients
6. Be able to evaluate the efficacy of hydrotherapy treatment programmes for the senior canine patient	6.1. Demonstrate appropriate outcome measures for senior canine patients 6.2. Demonstrate how to assess outcome measures for senior canine patients 6.3. Analyse the results of outcome measures for senior canine patients
7. Understand the importance of effective management of the senior canine patient	7.1. Justify why an understanding of effective management of senior canine patients with is important when working as a hydrotherapist

CHL4U7 - Administering Feline Hydrotherapy Techniques and Treatments

Unit Reference	R/617/7763
Level	4
Credit Value	6
Guided Learning (GL)	30 hours
Unit Summary	This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice of the feline hydrotherapy patient. This unit aims to further develop safe and competent practice using appropriate clinical reasoning and critical thinking skills. This unit will cover the following subject areas: 1. Anatomy and physiology 2. Health and behaviour 3. Delivery of hydrotherapy treatments 4. Legal and ethical implications Specific requirements and restrictions: None.
Learning Outcomes (1 to 6) <i>The learner will</i>	Assessment Criteria (1.1 to 6.1) <i>The learner can</i>
1. Understand the anatomical and physiological adaptations in felines	1.1. Compare and contrast feline and canine anatomical differences 1.2. Describe feline gait patterns 1.3. Explain how feline anatomical adaptations may impact hydrotherapy treatment 1.4. Describe handling techniques required to deliver safe and effective hydrotherapy treatments to feline patients
2. Understand the behaviours displayed by feline patients	2.1. Describe the feline evolutionary process 2.2. Identify the possible behavioural reactions to hydrotherapy treatment in feline patients

	2.3. Describe the impact behavioural reactions may have on feline patients receiving hydrotherapy treatment 2.4. Describe possible solutions to reduce the effect of negative behavioural reactions in feline patients 2.5. Design a hydrotherapy treatment session for a specified feline patient
3. Understand feline health and welfare issues	3.1. Identify feline health indicators 3.2. Identify common conditions seen in feline patients 3.3. Describe the signs of common conditions seen in feline patients
4. Be able to administer hydrotherapy treatment programmes to felines	4.1. Demonstrate safe handling and restraint techniques for a specified feline patient 4.2. Demonstrate a health check on a specified feline patient 4.3. Conduct a gait assessment on a specified feline patient 4.4. Demonstrate preparation of the hydrotherapy environment for a specified feline patient 4.5. Demonstrate administration of a hydrotherapy treatment to a specified feline patient 4.6. Evaluate a hydrotherapy treatment administered to a specified feline patient
5. Understand the legal implications when administering hydrotherapy treatments to felines	5.1 Identify the legal implications when administering hydrotherapy treatment to feline patients
6. Understand the ethical implications when administering hydrotherapy treatments to felines	6.1. Identify the ethical implications when administering hydrotherapy treatment to feline patients

CHL4U8 - Advanced Hydrotherapy Techniques for Canine Fitness and Conditioning

Unit Reference	Y/617/7764
Level	4
Credit Value	8
Guided Learning (GL)	39 hours
Unit Summary	This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice in the athletic and working dog. This unit aims to progress and advance clinical competencies using appropriate clinical reasoning to achieve best outcomes for the athletic and working canine client. This unit will cover the following subject areas: 1. Performance enhancement for the canine athlete 2. Management strategies for movement in the canine athlete 3. Assessment and treatment techniques for the canine athlete Specific requirements and restrictions: None.
Learning Outcomes (1 to 5) <i>The learner will</i>	Assessment Criteria (1.1 to 5.1) <i>The learner can</i>
1. Understand performance enhancement programmes for the canine athlete	1.1. Identify the different roles of the working and athletic dog 1.2. Identify the features of a safe and effective treatment plan for the canine athlete 1.3. Describe hydrotherapy treatment techniques used in the management of canine athletes
2. Understand the role of the hydrotherapist in effect management of the canine athlete	2.1. Evaluate a range of strategies to promote fitness in the canine athlete 2.2. Evaluate a range of strategies to optimise function

	and movement in the canine athlete 2.3. Appraise strategies to support and inform owners and agents
3. Be able to use a movement enrichment hydrotherapy programme in the canine athlete	3.1. Demonstrate a movement enrichment treatment as part of a hydrotherapy programme to manage the canine athlete 3.2. Discuss the management of a movement enrichment programme for a specific canine athlete
4. Be able to deliver an effective hydrotherapy treatment programme for the canine athlete	4.1. Demonstrate how to administer canine athletic hydrotherapy treatments 4.2. Demonstrate how to advance canine athletic hydrotherapy programmes 4.3. Discuss canine athletic hydrotherapy treatment aftercare and advice 4.4. Evaluate the efficacy of canine athletic hydrotherapy treatments
5. Understand the importance of effective management of the canine athlete	5.1. Justify why an understanding of effective management of canine athletes is important when working as a hydrotherapist

CHL4U9 - Advanced Hydrotherapy Water Management Strategies and Solutions

Unit Reference	D/617/7765
Level	4
Credit Value	8
Guided Learning (GL)	76 hours
Unit Summary	This unit will enable the learner to empower their water management solutions in the canine hydrotherapy setting. This is an important part of successfully centre management in offering a quality professional service in canine hydrotherapy. Working within the legal framework and implementing effective policies and protocols for safe a current practice is a requirement for all health care professionals. The unique challenges of canine hydrotherapy mean that water management skills are an integral part of effective and safe practice management. This unit will cover the following subject areas: 1. Canine hydrotherapy plant design 2. Legalities and professional obligations 3. Water management processes 4. Water testing and solutions 5. Reflective practice Specific requirements and restrictions: None.
Learning Outcomes (1 to 6) <i>The learner will</i>	Assessment Criteria (1.1 to 6.4) <i>The learner can</i>
1. Understand the requirements for an efficient plant design for canine hydrotherapy	1.1. Explain the factors to consider when positioning hydrotherapy plant 1.2. Identify the filtration system for an aquatic treadmill and hydrotherapy pool 1.3. Describe the essential requirements for a

	hydrotherapy filtration system 1.4. Evaluate the efficiency of plant within a specified canine hydrotherapy centre 1.5. Discuss the maintenance and service protocols within a specified canine hydrotherapy centre
2. Understand the legal and professional obligations required for canine hydrotherapy water management	2.1. Identify the legal obligations required for effective canine hydrotherapy water management 2.2. Identify the professional obligations required for effective canine hydrotherapy water management 2.3. Devise canine hydrotherapy centre policies and protocols for effective water management
3. Understand the need to implement a series of processes for good water management	3.1. Discuss the elements of water filtration systems within a specified canine hydrotherapy centre 3.2. Demonstrate the use of multiport valves and systems within a specified hydrotherapy centre 3.3. Evaluate the water tests required for safe water quality
4. Be able to evaluate a range of water test results in a canine hydrotherapy setting	4.1. Identify the elements within a canine hydrotherapy water testing action plan 4.2. Outline the components of an effective canine hydrotherapy water testing action plan 4.3. Devise an action plan for a range of different canine hydrotherapy water tests and outcomes
5. Be able to carry out effective biosecurity and infection control processes	5.1. Demonstrate the daily infection control processes within a specified canine hydrotherapy centre 5.2. Discuss deep cleaning processes within a specified canine hydrotherapy centre
6. Be able to appraise water management strategies and	6.1. Reflect on the plant set up associated with an aquatic treadmill compared to a hydrotherapy pool

solutions	6.2. Discuss how to evaluate the efficacy of water management strategies 6.3. Reflect on the water management within a specified canine hydrotherapy centre 6.4. Justify why understanding advanced hydrotherapy water management strategies and solutions is important when working as a hydrotherapist
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CHL4U10 - Advanced Professional and Ethical Practice for Canine Hydrotherapy

Unit Reference	H/617/7766
Level	4
Credit Value	6
Guided Learning (GL)	19 hours
Unit Summary	This unit will assist the learner in gaining a deeper understanding, and explore the concept of, professional accountability and their duties as clinical practitioners. This unit aims to consider some of the moral and ethical conflicts that may be encountered when caring for, and treating, canine patients and working with colleagues. Learners will look at how to apply strategies for resolving such conflicts and/or how to seek appropriate help and advice. This unit will cover the following subject areas: 1. Legal and ethical responsibilities 2. Consent to treat 3. Professional status and clinical practice Specific requirements and restrictions: None.
Learning Outcomes (1 to 5) <i>The learner will</i>	Assessment Criteria (1.1 to 5.2) <i>The learner can</i>
1. Understand the legal framework for clinical practice applicable to canine hydrotherapy	1.1. Identify the legal system applicable to canine hydrotherapy 1.2. Appraise the provisions of current, relevant legislation
2. Understand the application of ethical principles	2.1. Summarise ethical schools of thought 2.2. Identify ethical problems arising in canine hydrotherapy practice 2.3. Analyse patient care issues using ethical principles

3. Understand the accountability of canine hydrotherapists	3.1. Appraise the features of professional status 3.2. Explain the purpose and principles of professional regulation 3.3. Explain the functions of a professional regulatory body 3.4. Interpret a code of conduct relevant to canine hydrotherapy practice
4. Understand the principles of consent to complementary treatment	4.1. Explain the legal requirements for consent to treat 4.2. Critically analyse the features of informed consent 4.3. Identify potential barriers to informed consent in hydrotherapy practice
5. Understand legal and ethical duties to clients, colleagues and canine patients	5.1. Explain the principles of Duty of Care in relation to canine hydrotherapy 5.2. Critically analyse ethical issues surrounding the support of colleagues and clients

Unit Reference	K/617/7767
Level	4
Credit Value	6
Guided Learning (GL)	27 hours
Unit Summary	This unit will enable the learner to develop their knowledge regarding canine behaviour, enabling them to create a more holistic approach in their canine hydrotherapy treatment techniques and programmes. Learners will link knowledge of how canine pain behaviours can impact patient treatment plans. This unit also explores how effective pain management contributes to outcome measures of hydrotherapy treatment. This unit will enable the candidate to enhance their underpinning scientific knowledge and understanding to advance their clinical skills set and practice. This unit aims to progress a learner's clinical competencies and treatment techniques for the individual canine patient. This unit will cover the following subject areas: 1. Legislation for canine behaviour and welfare 2. Canine behaviour for clinical hydrotherapy practice 3. Integration of canine behaviour within the hydrotherapy setting 4. Clinical application of positive behavioural modifications in hydrotherapy practice Specific requirements and restrictions: Learners must have achieved unit Canine Behaviour for Small Animal Hydrotherapy (L/504/6479) from the SEG Awards Level 3 Diploma in Hydrotherapy for Small Animals or unit Canine Behaviour for Clinical Practice (J/617/6402) from the SEG Awards Level Certificate in Canine Hydrotherapy.
Learning Outcomes (1 to 6)	Assessment Criteria (1.1 to 6.1)

<i>The learner will</i>	<i>The learner can</i>
1. Understand the implications of current, relevant legislation for clinical hydrotherapy practice	1.1. Identify legislation relating to canine behaviour 1.2. Explain the impact legislation may have on clinical hydrotherapy practice 1.3. Identify the responsibilities of the canine hydrotherapist relating to control of patients in their care
2. Understand factors affecting canine behaviour within clinical hydrotherapy practice	2.1. Identify a range of internal factors that may influence canine behaviour within clinical practice 2.2. Identify a range of external factors that may influence canine behaviour within clinical practice 2.3. Explain the impact these factors may have when administering hydrotherapy treatment
3. Understand the complexities of canine behaviour within clinical hydrotherapy practice	3.1. Evaluate the impact of pain on the canine hydrotherapy patient 3.2. Discuss the use of clinical enrichment techniques to modify the clinical environment
4. Be able to administer hydrotherapy techniques to positively impact canine behaviours	4.1. Analyse behaviours in three specified canine cases 4.2. Demonstrate a range of clinic enrichment techniques 4.3. Demonstrate a range of therapeutic handling techniques in
5. Be able to apply an understanding of canine behaviour within clinical hydrotherapy practice	5.1. Design a hydrotherapy plan in relation to behaviour management in a specified canine patient 5.2. Demonstrate the use of learning processes to manage a specified canine patient 5.3. Justify how the environment is prepared and managed to promote a positive outcome for a specified canine patient

6. Understand the importance of canine behaviour consideration within clinical hydrotherapy practice	6.1. Justify why an understanding of advanced canine behaviour is important when working as a hydrotherapist
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Recognition of Prior Learning (RPL), Exemptions, Credit Transfers and Equivalencies

Skills and Education Group Awards policy enables learners to avoid duplication of learning and assessment in a number of ways:

- Recognition of Prior Learning (RPL) – a method of assessment that considers whether a learner can demonstrate that they can meet the assessment requirements for a unit through knowledge, understanding or skills they already possess and do not need to develop through a course of learning.
- Exemption - Exemption applies to any certificated achievement which is deemed to be of equivalent value to a unit within Skills and Education Group Awards qualification but which does not necessarily share the exact learning outcomes and assessment criteria. It is the assessor's responsibility, in conjunction with the Internal Moderator, to map this previous achievement against the assessment requirements of the Skills and Education Group Awards qualification to be achieved in order to determine its equivalence.
Any queries about the relevance of any certificated evidence, should be referred in the first instance to your centre's internal moderator and then to Skills and Education Group Awards.
It is important to note that there may be restrictions upon a learner's ability to claim exemption or credit transfer which will be dependent upon the currency of the unit/qualification and a learner's existing levels of skill or knowledge.
Where past certification only provides evidence that could be considered for exemption of part of a unit, learners must be able to offer additional evidence of previous or recent learning to supplement their evidence of achievement.
- Credit Transfer – Skills and Education Group Awards may attach credit to a qualification, a unit or a component. Credit transfer is the process of using certificated credits achieved in one qualification and transferring that achievement as a valid contribution to the award of another qualification. Units/Components transferred must share the same learning outcomes and assessment criteria along with the same unit number. Assessors must ensure that they review and verify the evidence through sight of:
 - Original certificates OR
 - Copies of certificates that have been signed and dated by the internal moderator confirming the photocopy is a real copy and make these available for scrutiny by the External Moderator.
- Equivalencies – opportunities to count credits from the unit(s) from other qualifications or from unit(s) submitted by other recognised organisations towards the place of mandatory or optional unit(s) specified in the rule of combination. The unit must have the same credit value or greater than the unit(s) in question and be at the same level or higher.

Skills and Education Group Awards encourages its centres to recognise the previous achievements of learners through Recognition of Prior Learning (RPL), Exemption, Credit Transfer and Equivalencies. Prior achievements may have resulted from past or present employment, previous study or voluntary activities. Centres should provide advice and

guidance to the learner on what is appropriate evidence and present that evidence to the external moderator in the usual way.

Further guidance can be found in 'Delivering and Assessing Skills and Education Group Awards Qualifications' which can be downloaded from the website.

Certification

Learners will be certificated for all units and qualifications that are achieved and claimed.

Skills and Education Group Awards' policies and procedures are available on Skills and Education Group Awards web site.

Exemptions

This qualification contains no exemptions. For further details see Recognition of Prior Learning (RPL), Exemptions, Credit Transfers and Equivalencies.

Glossary of Terms

GL (Guided Learning)

GL is where the learner participates in education or training under the immediate guidance or supervision of a tutor (or other appropriate provider of education or training). It may be helpful to think – ‘Would I need to plan for a member of staff to be present to give guidance or supervision?’

GLH is calculated at qualification level and not unit/component level.

Examples of Guided Learning include:

- Face-to-face meeting with a tutor
- Telephone conversation with a tutor
- Instant messaging with a tutor
- Taking part in a live webinar
- Classroom-based instruction
- Supervised work
- Taking part in a supervised or invigilated formative assessment
- The learner is being observed as part of a formative assessment

TQT (Total Qualification Time)

‘The number of notional hours which represents an estimate of the total amount of time that could reasonably be expected to be required, in order for a learner to achieve and demonstrate the achievement of the level of attainment necessary for the award of a qualification.’ The size of a qualification is determined by the TQT.

TQT is made up of the Guided Learning (GL) plus all other time taken in preparation, study or any other form of participation in education or training but not under the direct supervision of a lecturer, supervisor or tutor.

TQT is calculated at qualification level and not unit/component level.

Examples of unsupervised activities that could contribute to TQT include:

- Researching a topic and writing a report
- Watching an instructional online video at home/e-learning
- Watching a recorded webinar
- Compiling a portfolio in preparation for assessment
- Completing an unsupervised practical activity or work
- Rehearsing a presentation away from the classroom
- Practising skills unsupervised
- Requesting guidance via email – will not guarantee an immediate response