

# 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**

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The specification code is D9234-04

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1.0	September 2019	lew qualification guide					
1.1	September 2019	Endorsement added					
1.2	January 2020	Unit update					
1.3	October 2020	Format update					
1.4	August 2021	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
  - o door
  - o 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 abov	/e q	ualificatio	ons	are regu	ulated	by Ofc	qual
Assessment			nal assess nal and ex		_	eratio	on	
Type of Funding Available	See FaLA	A (Fi	ind a Lea	rnin	g Aim)			
Qualification/Unit Fee	See Skill for curre		nd Educat ees and o		-	Award	ds web :	site
Grading			Pass lea					
Operational Start Date	01/09/2019							
Review Date	31/08/20	025						
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 C	are						
Ofqual SSA Sector	3.3 Anim	nal C	Care and	Vet	erinary S	Scien	ce	
Support from Trade Associations	Endorsed	d by	IRVAP					
Administering Office	See Skill	s ar	nd Educat	tion	Group A	Award	ds web :	site

## **Unit Details**

## **CHL4U1 - Advanced Canine Aquatic Treadmill Techniques**

Unit Reference	A/617/7756				
Level	4				
Credit Value	15				
Guided Learning (GL)	77 hours				
	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.				
Unit Summary	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) The learner will	Assessment Criteria (1.1 to 9.6) The learner can				
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
	2.1.	Discuss how the hydrotherapist uses water properties as part of a treatment in an aquatic treadmill
2. Understand the	2.2.	Discuss how the canine patient's behaviours may impact on their movement in an aquatic treadmill
components utilised in an individual treatment programme using an aquatic treadmill	2.3.	Discuss the use of static and dynamic treatment techniques as part of a treatment in an aquatic treadmill
aquatic treatmin	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
	3.1.	Explain the different types of canine gait patterns
3. Understand the	3.2.	Explain the observations the hydrotherapist may make during a canine gait assessment
components of a canine gait assessment for aquatic treadmill practice	3.3.	Describe the swing and stance phases of different gait patterns
	3.4.	Describe functional canine movement patterns essential for daily living
	4.1.	Conduct appropriate gait assessment prior to aquatic treadmill treatment
4. Be able to demonstrate canine gait assessment	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  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  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  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. 8.2. 8.3.	Demonstrate a range of aquatic manual therapies  Demonstrate a range of aquatic balance techniques  Demonstrate a range of aquatic movement therapies  Conduct aquatic treadmill treatments using advanced techniques
9.	Appraise the use of aquatic treadmill treatment in clinical practice	9.1. 9.2. 9.3.	Discuss how to evaluate the efficacy of aquatic treadmill treatment  Reflect on the use of an aquatic treadmill as part of your clinical practice  Reflect on your performance during aquatic treadmill treatments  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

## **CHL4U2 - Advanced Canine Hydrotherapy Pool Techniques**

Unit Reference	F/617/7757					
Level	4					
Credit Value	15					
Guided Learning (GL)	77 hours					
	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.					
Unit Summary	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.					
	<ol> <li>This unit will cover the following subject areas:</li> <li>Advanced hydrotherapy pool techniques</li> <li>Canine gait assessment and analysis</li> <li>Canine functional anatomy and biomechanics</li> <li>Clinical reflection and evaluation</li> </ol>					
	Specific requirements and restrictions: None.					
Learning Outcomes (1 to 9) The learner will	Assessment Criteria (1.1 to 9.6) The learner can					
	1.1. Describe canine balance and movement					
Understand canine natural	1.2. Explain the role of muscles in canine movement and function					
balanced motion in the hydrotherapy pool	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
	2.1.	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. Understand the components utilised in an individual treatment programme using a 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
	3.1.	Explain the different types of canine gait patterns
3. Understand the components	3.2.	Explain the observations the hydrotherapist may make during a canine gait assessment
of a canine gait assessment for hydrotherapy pool practice	3.3.	Describe the swing and stance phases of different gait patterns
	3.4.	Describe functional canine movement patterns essential for daily living
	4.1.	Conduct appropriate gait assessment prior to hydrotherapy pool treatment
4. Be able to demonstrate canine gait assessment	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	5.1.	Describe the different types of canine gait analysis available
hydrotherapy pool practice	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  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  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. 8.2. 8.3.	Demonstrate a range of static treatment techniques  Demonstrate a range of dynamic motion techniques  Demonstrate alignment techniques to improve movement patterning  Conduct hydrotherapy pool treatment using advanced techniques on three specified cases
8. Evaluate the use of hydrotherapy pool treatment in clinical practice	<ul><li>9.1.</li><li>9.2.</li><li>9.3.</li><li>9.4.</li><li>9.5.</li><li>9.6.</li></ul>	Discuss how to evaluate the efficacy of hydrotherapy pool treatments  Reflect on the use of hydrotherapy pool treatments as part of your clinical practice  Reflect on your performance during hydrotherapy pool treatments  Reflect on your selection of treatment techniques in the hydrotherapy pool  Evaluate canine patient performance and outcomes  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		
Learning Outcomes (1 to 5) The learner will	Assessment Criteria (1.1 to 5.2) The learner can		
Understand the specific requirements for effective hydrotherapy centre design	<ul> <li>1.1. Explain the considerations for a prospective canine hydrotherapy centre site</li> <li>1.2. Identify the facilities required for a canine hydrotherapy centre</li> </ul>		
	1.3. Describe the essential requirements for a safe and effective canine hydrotherapy centre		

<ul> <li>1.4. Evaluate the design layout of a hydrotherapy centre</li> <li>1.5. Design an improvement plan fo hydrotherapy centre</li> </ul>	
2.1. Identify legal obligations associ of a canine hydrotherapy service	·
Understand the legalities and professional obligations required for canine     Control     Contro	
hydrotherapy 2.3. Devise hydrotherapy centre pol	icies and protocols
2.4. Describe the need for professio with the canine hydrotherapy in	
3.1. Identify the elements of a busin hydrotherapy centre	ness model for a
3.2. Devise a business plan to meet elements	the identified
3. Understand the need to implement structured financial planning  3.3. Describe the financial process to business set up costs	o forecast initial
3.4. Identify the running costs associated hydrotherapy centre	ciated with a
3.5. Identify the need for forecasting costs for a five-year period	g and development
4. Understand the importance of quality assurance within a	quality
health care service  4.2. Describe why quality assurance business growth	e is essential for
5. Be able to carry out a	althcare services
clinical audit for a hydrotherapy service  5.2. Evaluate the need for a clinical quality assessment process	audit as part of the

## **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	
	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.	
Unit Summary	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) The learner will	Assessment Criteria (1.1 to 7.1) The learner can	
Review the clinical     management of common	1.1 Describe the clinical signs for common canine orthopaedic conditions	
canine orthopaedic conditions	1.2 Evaluate the clinical management of common canine orthopaedic conditions	
Understand the functional anatomy of the major	2.1. Describe the key supporting structures of the major canine joints	
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	

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	conformation of the canine orthopaedic patient within the aquatic environment	3.2.	joints within the aquatic environment  Demonstrate how to assess loading and paw placement within the aquatic environment
4.	Understand the canine healing process	4.1. 4.2. 4.3. 4.4. 4.5. 4.6.	Identify the stages of tissues healing  Explain the tissue healing process  Identify factors that can delay the tissue healing process  Explain the impact of delayed tissue healing on treatment outcomes  Describe treatment technique choices to positively enhance the healing process  Identify the types of pain and their pathways in the canine patient  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  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. 6.2. 6.3.	Describe appropriate outcome measures for canine orthopaedic patients  Demonstrate how to assess outcome measures for canine orthopaedic patients  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	
	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.	
Unit Summary	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	Assessment Criteria	
(1 to 8) The learner will	(1.1 to 8.1) The learner can	
Review the clinical management of common canine orthopaedic conditions	Describe the clinical signs for common neurological conditions	
	1.2. Evaluate the clinical management of common canine neurological conditions	
Understand ataxia and paresis in the canine	2.1. Describe the different types of ataxia in the canine neurological patient	
neurological patient	2.2. Define paresis in the canine neurological patient	
Review the canine proprioceptive system and	3.1. Describe the role of the proprioceptive system in relation to canine muscle tone	

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	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	4.1.	Identify the key muscle groups essential for canine locomotion
	muscle contraction in canine movement and functional tasks	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
		5.1.	Identify the stages of tissue healing
		5.2.	Explain the tissue healing process
	5. Understand the canine healing process	5.3.	Identify factors that can delay the tissue healing process
5.		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.	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	7.1.	Describe appropriate outcomes measures for canine neurological patients
	the canine neurological	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	Assessment Criteria
(1 to 7) The learner will	(1.1 to 7.1) The learner can
Understand the natural ageing process of the canine patient	<ul> <li>1.1. Identify changes in different canine breeds as part of the natural ageing process</li> <li>1.2. Describe common movement challenges identified</li> </ul>
patient	in the senior canine patient
Review the clinical     management of common     age-related conditions in     the senior care patient	<ul><li>2.1. Describe common conditions identified in the senior canine patient</li><li>2.2. Evaluate the clinical management of common</li></ul>

			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  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  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  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. 6.2. 6.3.	Demonstrate appropriate outcome measures for senior canine patients  Demonstrate how to assess outcome measures for senior canine patients  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			
	This unit will enable the learner to develop scientific knowledge and understanding, linked to clinical practice of the feline hydrotherapy patient.			
Unit Summary	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)	Assessment Criteria (1.1 to 6.1)			
The learner will	The learner can			
	1.1. Compare and contrast feline and canine anatomical differences			
Understand the anatomical	1.2. Describe feline gait patterns			
and physiological adaptations in felines	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. Hadayahardd L. L. L.	2.1. Describe the feline evolutionary process			
2. Understand the behaviours displayed by feline patients	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
		3.1.	Identify feline health indicators
	Understand feline health and welfare issues	3.2.	Identify common conditions seen in feline patients
<b>V</b>	wellare issues	3.3.	Describe the signs of common conditions seen in feline patients
		4.1.	Demonstrate safe handling and restraint techniques for a specified feline patient
		4.2.	Demonstrate a health check on a specified feline patient
	Be able to administer  nydrotherapy treatment	4.3.	Conduct a gait assessment on a specified feline patient
	programmes to felines	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
i	Understand the legal mplications when administering hydrotherapy creatments to felines	5.1	Identify the legal implications when administering hydrotherapy treatment to feline patients
i	Understand the ethical mplications 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	
	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.	
Unit Summary	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	
Learning Outcomes (1 to 5) The learner will	Specific requirements and restrictions: None.  Assessment Criteria (1.1 to 5.1) The learner can	
Understand performance     enhancement programmes     for the canine athlete	<ol> <li>Identify the different roles of the working and athletic dog</li> <li>Identify the features of a safe and effective treatment plan for the canine athlete</li> <li>Describe hydrotherapy treatment techniques used in the management of canine athletes</li> </ol>	
Understand the role of the hydrotherapist in effect management of the canine athlete	<ul><li>2.1. Evaluate a range of strategies to promote fitness in the canine athlete</li><li>2.2. Evaluate a range of strategies to optimise function</li></ul>	

	2.3.	and movement in the canine athlete  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  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	<ul><li>4.1.</li><li>4.2.</li><li>4.3.</li><li>4.4.</li></ul>	Demonstrate how to administer canine athletic hydrotherapy treatments  Demonstrate how to advance canine athletic hydrotherapy programmes  Discuss canine athletic hydrotherapy treatment aftercare and advice  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	8		
Credit Value			
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		
Learning Outcomes (1 to 6)	Assessment Criteria (1.1 to 6.4)		
The learner will	The learner can		
Understand the     requirements for an efficient	1.1. Explain the factors to consider when positioning hydrotherapy plant		
plant design for canine hydrotherapy	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
	4.1.	Identify the elements within a canine hydrotherapy water testing action plan
4. Be able to evaluate a range of water test results in a canine hydrotherapy setting	4.2.	Outline the components of an effective canine hydrotherapy water testing action plan
cumile mydrotherapy setting	4.3.	Devise an action plan for a range of different canine hydrotherapy water tests and outcomes
5. Be able to carry out	5.1.	Demonstrate the daily infection control processes within a specified canine hydrotherapy centre
effective biosecurity and infection control processes	5.2.	Discuss deep cleaning processes within a specified canine hydrotherapy centre
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

## **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)	Assessment Criteria (1.1 to 5.2)		
The learner will	The learner can		
Understand the legal framework for clinical practice applicable to canine	<ul><li>1.1. Identify the legal system applicable to canine hydrotherapy</li><li>1.2. Appraise the provisions of current, relevant</li></ul>		
hydrotherapy	legislation		
	2.1. Summarise ethical schools of thought		
2. Understand the application of ethical principles	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. 3.2. 3.3.	Appraise the features of professional status  Explain the purpose and principles of professional regulation  Explain the functions of a professional regulatory body  Interpret a code of conduct relevant to canine hydrotherapy practice
4.	Understand the principles of consent to complementary treatment	4.1. 4.2. 4.3.	Explain the legal requirements for consent to treat  Critically analyse the features of informed consent  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  Critically analyse ethical issues surrounding the support of colleagues and clients

## **CHL4U11 - Advanced Canine Behaviour for Clinical Practice**

Unit Reference	K/617/7767		
Level	4		
Credit Value	6		
Guided Learning (GL)	27 hours		
	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		
Unit Summary	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.		
	<ol> <li>This unit will cover the following subject areas:         <ol> <li>Legislation for canine behaviour and welfare</li> <li>Canine behaviour for clinical hydrotherapy practice</li> </ol> </li> <li>Integration of canine behaviour within the hydrotherapy setting</li> <li>Clinical application of positive behavioural modifications in hydrotherapy practice</li> </ol>		
	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)		

The learner will		The I	learner can
1.	Understand the implications of current, relevant legislation for clinical hydrotherapy practice	1.1. 1.2. 1.3.	Identify legislation relating to canine behaviour  Explain the impact legislation may have on clinical hydrotherapy practice  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	<ul><li>2.1.</li><li>2.2.</li><li>2.3.</li></ul>	Identify a range of internal factors that may influence canine behaviour within clinical practice  Identify a range of external factors that may influence canine behaviour within clinical practice  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  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. 4.2. 4.3.	Analyse behaviours in three specified canine cases  Demonstrate a range of clinic enrichment techniques  Demonstrate a range of therapeutic handling techniques in
5.	Be able to apply an understanding of canine behaviour within clinical hydrotherapy practice	<ul><li>5.1.</li><li>5.2.</li><li>5.3.</li></ul>	Design a hydrotherapy plan in relation to behaviour management in a specified canine patient  Demonstrate the use of learning processes to manage a specified canine patient  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

## 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:
  - o 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