



# AQUATIC PHYSIOTHERAPIST'S SKILLS PROFILE

Date of publication: 22 March 2025





#### **Datasheet**

Title: Aquatic Physiotherapist's Skills Profile

Publisher: IOAPT
Date of preparation: 2024
Pages: 19

**General coordination:** IOAPT Executive Committee

#### Document development and editing teams

#### **Authors:**

- César Sá (Portugal)
- Julie Dixon (United Kingdom)
- Yara Humaran Martinez (Puerto Rico)
- Karen Molares Soler (México)
- Gloria Aravena Okuinghttons (Chile)
- Konstantinos Chandolias (Greece)
- Billy So (Hong Kong)

#### **Reviewers:**

- Argentina
- Australia
- Brazil
- Canada
- Costa Rica
- Denmark
- Italy
- Malaysia
- Portugal
- Puerto Rico
- Rwanda
- United Kingdom
- United States of America
- Uruguay





# Index

Framework	Page 4
Definition of Aquatic Physiotherapy	Page 7
Objectives and Competencies/Skills	Page 8
Aquatic Physiotherapist Profile	Page 9
Aquatic Physiotherapy Education	Page 12
Aquatic Physiotherapy Specific Training/Formation	Page 13
Aquatic Physiotherapy Research	Page 17
References	Page 18





**Framework** 

The International Organisation of Aquatic Physiotherapists (IOAPT), the aquatic physiotherapy

specialty group of World Physiotherapy, created this document entitled: "Aquatic

Physiotherapist's Skills Profile" with the aim of defining the profile of the physiotherapist

working in the aquatic environment and to provide a framework for the development of

specific training to achieve competency in this role. This document's framework based on

international academic and professional competencies, focused on the specification of

professional competences according to academic levels [1, 2]. This profile serves as a guide for

ensuring safety and adherence to professional ethics, with a focus on perpetual improvement

in the quality of services offered to the public.

A specialised physiotherapist is recognised as possessing a comprehensive knowledge base,

skills and attitudes, in addition to a specialisation recognised and validated by their profession.

This recognition enhances their effectiveness and efficiency, setting them apart in their area

of expertise. The designation of specialist in this specific field of intervention entails a process

of specialisation, acknowledgment, attribution, and validation, which is managed by the

relevant professional regulatory body.

It is a general consensus that in recent decades, scientific worldwide advances have provided

evidence to support the application of aquatic physiotherapy to different health conditions.

The scientific evidence shows that working in the aquatic environment can facilitate an

intervention or rehabilitation to achieve functional results and a better quality of life for

individuals with different clinical conditions.

In most countries, the Aquatic Physiotherapist has become a professional with specialised and

differentiated skills, with specific strategies to intervene in conditions that affect movement,

function, health and well-being. They are highly trained in the use of the properties of water

and fluid mechanics, assessing and developing effective interventions in the water, in

E-mail: <a href="mailto:ioapt.wcpt@gmail.pt">ioapt.wcpt@gmail.pt</a>

Web: <a href="https://world.physio/subgroups/aquatic">https://world.physio/subgroups/aquatic</a>

siotherapy

International Organisation of Aquatic Physiotherapists (IOAPT) - World Physiotherapy Specialty Group

rehabilitation and community pools, individually or in groups, in a profile of public or private

practice [3].

Aquatic physiotherapy intervention incorporates clinical reasoning, based on individual

assessment, diagnosis in physiotherapy and the prescription of a specific intervention

program. The reassessment of the intervention necessitates the use of specific outcome

measures for the aquatic environment and patient goals (preferably adapted and validated

for the population of the country in question) as well as on land, with reference to evidence-

based practice [4].

The IOAPT argues that, in addition to the general competencies acquired in the physiotherapy

degree (in which aquatic physiotherapy should always be part of the academic program

content), the physiotherapist with a specialty in aquatic physiotherapy, should have advanced

skills. The skills obtained for the practice of the specialty are not limited to evolutionary

courses of practice, academic training, scientific differentiation in the area and a Master's/PhD

degree. Aquatic physiotherapists must recognise that a duty of care is owed to the selection

of appropriate facilities and the form of service that is offered. In offering a service, the aquatic

physiotherapist takes responsibility for the client's assessment and safety.

The IOAPT demonstrates the validation of scientific evolution and highlights the importance

of specialisation in this area, worldwide. This specialty group has a vision to support, develop

and promote worldwide excellence and unity in clinical and academic standards for aquatic

physiotherapy, in order to maximise the impact in improving health and wellbeing.

This document aims to outline the clinical learning process, competencies and thus the skills

required to attain the title of "Aquatic Physiotherapist". These competencies are based on the

ethical principles defined by World Physiotherapy and the Quality Standards defined by the

various members.

E-mail: <a href="mailto:ioapt.wcpt@gmail.pt">ioapt.wcpt@gmail.pt</a>

Web: <a href="https://world.physio/subgroups/aquatic">https://world.physio/subgroups/aquatic</a>

5





This profile was based on information from global education programs, best practices and the most recent evidence-based research that was provided by aquatic physiotherapists worldwide; it has been reviewed by the IOAPT members. It is the aim of this document to provide a global minimal acceptable standard of aquatic physiotherapy education and guidelines for the safe and effective practice of aquatic physiotherapy.





**Definition of Aquatic Physiotherapy** 

A specific practice of physiotherapy in water can be defined as "Aquatic Physiotherapy".

Aquatic physiotherapy is an exclusive area of physiotherapy, which is based on its own clinical

reasoning, based on interventions and evaluation in the aquatic environment. It applies

specific techniques and strategies, taking advantage of the properties of water and the

physiological effects of immersion of the body, combined with the in-depth knowledge of

human biomechanics in this environment. Aquatic physiotherapy treatment (individually or

in groups) incorporates individual assessment, diagnosis and the use of clinical reasoning skills

to formulate a treatment program appropriate to the client (based on water properties and

patient's needs). Reassessment is undertaken at the appropriate time by the aquatic

physiotherapist, with outcome measures recorded in keeping with evidence-based practice.

Aquatic physiotherapy may involve individual treatment in a one-to-one situation or may be

undertaken in groups or classes. It may be used alone or in conjunction with other

rehabilitation practices [1, 5]. Individual aquatic physiotherapy may utilise manual skills as well

as the prescription and progression of exercises to facilitate desired movement patterns and

motor relearning. Aquatic physiotherapy group programs are individually tailored providing

supervision in small groups with specific exercise programs designed according to the

condition/disease and patient goals.

Aquatic physiotherapy is presented under three aspects:

**Therapeutic –** Focuses on the recuperation/rehabilitation of sequelae of traumatic and/or

acquired conditions; clinical conditions and/or surgeries with the objective of promoting

the function and quality of life of the individual, among others; [5-8]

Preventive – Includes education related to the health condition of the individual, training

of strategies of self-efficacy and self-management, prevention of the disease progression

and health promotion, maintenance and improvement of well-being and quality of life; [5-

7]

World Physiotherapy
SPECIALTY GROUP

IOAPT
INTERNATIONAL ORGANISATION
OF ADULATIC PHYSICATHERAPISTS

International Organisation of Aquatic Physiotherapists (IOAPT) - World Physiotherapy Specialty Group

Recreational – Promotes community and social interaction, improvement of self-esteem

and general well-being, including the training of memory stimulation activities and motor

coordination, among others. [5-8]

The client's water safety and ability to carry out aquatic exercises independently must be

ascertained. The client should participate in a physiotherapy prescribed exercise program in a

pool that is safe and accessible.

A physiotherapy prescribed exercise program may be selected as the appropriate mode of

aquatic physiotherapy intervention for many reasons. It may be the most effective

intervention to progress rehabilitation at that specific stage of recovery and to promote

independence. There may be limited access to an appropriate pool or pool sessions by both

the client and the physiotherapist, or it may be more cost efficient for the client or

compensable bodies. In some situations, it is desirable to discharge a patient to an appropriate

community aquatic exercise programme managed by other trained personnel, e.g. exercise

physiologist, aquatic fitness instructor or swimming teacher/coach. Documentation is

essential as governed by our professional body.

**Objectives and Competencies/Skills** 

The aquatic physiotherapist should be consistent with the objectives and competencies/skills

that are specified below. The IOAPT has defined the skills profile of the aquatic

physiotherapist, based on several documents written by IOAPT member countries. [1, 2, 3, 5, 9, 10]

E-mail: <u>ioapt.wcpt@gmail.pt</u>

Web: <a href="https://world.physio/subgroups/aquatic">https://world.physio/subgroups/aquatic</a>

Linkedin: <u>IOAPT World Physiotherapy Specialty Group</u>

Twitter: <u>IOAPT—WP Aquatic PT Specialty Group (@IOAPT\_AquaticPT)</u>

 $In stagram: \underline{@ioapt\ aquaticphysiotherapy}$ 

Facebook: <u>IOAPT—International Organisation of Aquatic Physiotherapists</u> (@ioapt.worldphysiotherapy)





# **Aquatic Physiotherapist Profile**

The practice of an aquatic physiotherapist should adhere to the following specific set of skills [1, 3, 10-12]:

- 1. In order to carry out their professional practice, the aquatic physiotherapist should demonstrate the following skills:
- 1.1. How to apply the hydrostatic and hydrodynamic (fluid mechanics) principles of the aquatic environment considering the physiological and biomechanical adaptations that occur with immersion;
- 1.2. To know the contraindications, precautions, benefits and disadvantages of aquatic physiotherapy;
- 1.3. Have knowledge of the clinical reasoning model in aquatic physiotherapy;
- 1.4. Have theoretical and practical knowledge of aquatic physiotherapy techniques;
- 1.5. Evaluate within our scope on land and in the aquatic environment, interpret the special and functional tests, develop the aquatic intervention plan and reassess to adjust the intervention program;
- 1.6. To use appropriate outcome measures;
- 1.7. To know how to select the most convenient entry/exit method for the user/customer in the pool and necessary equipment for their safety;
- 1.8. Evaluate and address individual or group aquatic skills and adaptation levels to aid users in adapting to the aquatic environment;
- 1.9. Monitor cardiovascular, respiratory and metabolic parameters of the user/client whilst immersed in water and within the pool environment;
- 1.10. Develop and implement a progressive intervention program selecting the appropriate equipment or materials for a specific method or technique to be used with each user/client;
- 1.11. Develop and prescribe aquatic therapeutic exercise programs for each user/client;





- 1.12. Communicate, conduct and oversee aquatic physiotherapy sessions to groups of users/clients;
- 1.13. Employ aquatic physiotherapy to assist and train the user/client with the aim of enhancing its use in their functionality and community integration;
- 1.14. Promote teamwork with other professionals (physiotherapists, swimming technicians, operational assistants, etc.);
- 1.15. To know and have proficiency with emergency procedures, evacuation, first aid and basic life support in aquatic environment and receive regular training;
- 1.16. Guide and monitor the training of operational assistants, with the aim of ensuring that emergency/evacuation procedures and transfer techniques are properly understood and implemented;
- 1.17. Interpret and implement measures to control and prevent water contamination in the aquatic environment;
- 1.18. Ensure good practice adhering to safety and hygiene conditions of the pool management according to the International Guidelines and Good Practice Standards for Aquatic Physiotherapy Intervention – IOAPT);
- 1.19. Inform users/customers about the swimming pool/spas rules including self-hygiene care, accident risk prevention and their role in case of an emergency, incident or accident during intervention;
- 1.20. To assess a client's water safety and independent water mobility in order to progress their independence/function;
- 1.21. Ensure ethical principles and practice in the context of aquatic physiotherapy;
- 1.22. Provide respectable and informed reports and opinions in the field of aquatic physiotherapy;
- 1.23. Advocacy for accessibility to pools for all levels of mobility.





- 2. The aquatic physiotherapist could be able to perform the following functions/roles, in addition to others, with appropriate experience, training and education:
- 2.1. Coordination, supervision and technical responsibility, as well as management, administration and direction of services that involve aquatic physiotherapy;
- 2.2. Consulting and auditing of aquatic physiotherapy health and wellness services;
- 2.3. Clinical intervention;
- 3.3. Academic career;
- 2.4. Research.
- 3. The work of the aquatic physiotherapist is characterised by professional practice in all dimensions of health, in all phases of human development, with actions of prevention, promotion, protection, education, recovery and rehabilitation of the user/client, in the following aquatic environments, among others:
  - 3.1. Hospital (inpatient or outpatient clinic);
  - 3.2. Home;
  - 3.3. Public (Community Pools, Thermal Resorts, Rehabilitation Centres, ...)
  - 3.4. Private (Clinics, Community, Rehabilitation Centres, Thermal Resorts/Thalassotherapy, Health-Clubs, Physiotherapy Units, Sports Teams...);
  - 3.5. Education (Higher Health Schools/Universities);
  - 3.6. Social Organisations.





**Aquatic Physiotherapy Education** 

The educational approach in the field of aquatic physiotherapy has experienced a notable

evolution. This approach involves the evolution of knowledge and skills from a perspective

focused on techniques and methods towards an integrated and holistic intervention. At the

heart of this change lies an intervention model in physiotherapy supported by clinical

reasoning and a careful selection of interventions to promote functional movements for life.

Aquatic physiotherapy as a therapeutic discipline, has moved beyond a simple application of

techniques in an aquatic environment and has expanded to evidence-based practice with a

thorough understanding and utilisation of hydrodynamics to attain patient goals/achieve

rehabilitation goals. It has become a comprehensive approach that harnesses the unique

benefits offered by the aquatic environment to improve the health and well-being of patients.

This integrated approach is based on a profound understanding of the individual needs of the

patient and the adaptation of interventions based on those needs.

Through clinical assessment and understanding of the patient's condition, aquatic

physiotherapists design specific interventions that maximise the benefits of immersion and

the hydrodynamics to effectively address movement and function impairments. This involves

not only the application of traditional physiotherapy techniques in the water, but also the

integration of other therapeutic modalities as needed, such as therapeutic exercise, manual

therapy, and patient education.

Clinical reasoning, based on evidence (on their physiotherapy training in pathology, physiology

and rehabilitation) and clinical experience, guides therapeutic decision-making, and enables

aquatic physiotherapists to adapt and adjust treatments based on each patient's individual

response.

Aquatic physiotherapy has emerged as a versatile therapeutic discipline that can positively

impact various healthcare scenarios. From health promotion to disability prevention and

process rehabilitation, its application encompasses a wide spectrum of needs. This therapeutic

modality finds viability in its application across various areas of physiotherapy, classified





according to types of dysfunctions, age, and specific needs affecting movement. Among these areas, its application in neurological, orthopaedic, and other patient populations stands out. Aquatic physiotherapy continues to develop as a highly beneficial therapeutic option for patients with diverse health conditions, thanks to the unique properties of the aquatic environment that allow exercises with less impact on the joints and facilitates functional recovery. This therapeutic approach promotes pain reduction and an improvement in mobility, balance, muscle strength, cardiovascular function and quality of life, thus contributing to the overall improvement of the patient.

The IOAPT recognises the importance of integrating the development of aquatic physiotherapy with professional competencies spanning not only the clinical practice but also within research, teaching, and management. This implies not only mastering the ability to manipulate hydrodynamics relative to the desired patient outcome but also acquiring skills in the managing and administrating spaces where this therapeutic modality is conducted. This multidimensional integration ensures an effective patient-centred practice, while also promoting the ongoing expansion of aquatic physiotherapy as a high-quality therapeutic tool.





# **Aquatic Physiotherapy Specific Training/Formation**

Training in aquatic physiotherapy is essential in order to ensure that previously defined competencies can be acquired and developed throughout the physiotherapist's professional path [1].

### **Academic degree training**

At the level of degree conferring training, it includes the degree of Bachelor, Master and Doctorate in Physiotherapy.

At Bachelor's degree level the inclusion of basic contents of aquatic physiotherapy in the curricular program is necessary with associated clinical practice. This inclusion can be made either as an independent or integrated curricular unit (Table 1- Training). [1, 12].

At Master's level it is important to qualify the physiotherapist who performs functions in the aquatic environment and who can develop research work to support evidence-based practice. The Doctor's degree promotes the expansion/development of the community of aquatic physiotherapists clinically, supporting the ongoing integration of the aquatic modality, in the field of research and evidence-based practice.

## **Table 1. Training/Formation**

- 1.1. At physiotherapy entry level training, have a curricular unit / module of aquatic physiotherapy this must have a theoretical and practical component, ideally covering the key safety and clinical applications of aquatic physiotherapy (with a total of not less than 30 hours of contact);
- 1.2. At the end of the entry level, the physiotherapist should have knowledge and skills in order to provide a safe and effective performance with its users/clients in the aquatic environment;
- 1.3. Guided by the Quality Standards of World Physiotherapy and its members, in the evolutionary course of clinical practice, and by the regulations that govern the profession in the country.





## Non-academic training/formation

The training necessary for the practice of aquatic physiotherapy that doesn't confer a degree, which is integrated in continuous professional development, is recommended to be structured/organised in three levels of training (Table 2 - Levels of non-conferring degree training/formation) <sup>[1, 13]</sup>. Any training should be taught by credible and peer-recognised entities. The training includes an evaluation of knowledge or skill, which may involve an exam, internship, dissertation or thesis. It is recommended to maintain a regular active clinical and/or pedagogical practice, with theoretical and practical components, which should not exceed more than a three-year interval between the updates.

Table 2. Non-conferring degree training levels								
Course title	Level	Number of hours (IOAPT proposal)	Number of Trainees	Main Objectives / Content	Qualification of teachers	Suggestions for Evaluation of Trainees		
Meeting (study) of Aquatic Physiotherapy	0	4 to 14 hours	All physiotherapists and students	Exchange of experiences, help between colleagues, exchange of bibliography, training of practical aspects, etc.	Physiotherapists with experience in aquatic physiotherapy (with more than 2 years of regular experience in aquatic physiotherapy)	No evaluation		
Aquatic Physiotherapy Conferences / Journeys	0	7-14 hours	All physiotherapists and/or students and/or other professionals	Theoretical presentation and/or with some aquatic physiotherapy workshops in certain areas of physiotherapy	Physiotherapists who are dedicated to the practice of aquatic physiotherapy in these specific areas	No evaluation		
Basic Course of Balneotherapy/ Thermalism	1	21 hours. (minimum)	Physiotherapists and/or last year physiotherapy students	Theoretical and practical presentation of the various balneotherapy / thermal techniques	Physiotherapists who detain the practice or investigation of aquatic physiotherapy in balneotherapy/	Theoretical- Practical Evaluation		

Facebook: IOAPT—International Organisation of Aquatic Physiotherapists (@ioapt.worldphysiotherapy)





Basic Course of Aquatic Physiotherapy	1	24 hours (minimum)	Physiotherapists and/ or last year physiotherapy students	Basic concepts on hydrostatic and hydrodynamic (fluid mechanics) principles, physiological effects of immersion, precautions and contraindications, bases of various physiotherapy techniques in the aquatic environment	Physiotherapists who have the "Advanced Course of Aquatic Physiotherapy" or postgraduation studies and practice for more than 5 consecutive years and/ or who are teachers of aquatic physiotherapy in recognised universities/schools	Theoretical- Practical Evaluation
Intermediate Course of Aquatic Physiotherapy	2	48 to 60 hours (minimum)	Physiotherapists who have the Basic Course	More "advanced" or specific concepts of certain areas of aquatic physiotherapy intervention, specific techniques, etc.	The same as the previous one but also with international physiotherapists or specialists from other areas	Case Study
Advanced Course in Aquatic Physiotherapy	3	80 hours (minimum) With internship	Physiotherapists who have the Intermediate Course	Aquatic physiotherapy under specific conditions (musculoskeletal, paediatrics, neuromuscular, etc.), specific techniques and case studies	The same as the previous one but also with international physiotherapists or specialists from other areas of physiotherapy intervention	Case Study
Basic Life Support Course (applied to Aquatic Physiotherapy)	1	15 hours (minimum)	All physiotherapists and students	Basic life support in aquatic physiotherapy	Recognised technicians of basic life support and/or physiotherapist specialised in this field	Theoretical- Practical Evaluation





# **Aquatic Physiotherapy Research**

- 1. The aquatic physiotherapist should be aware of the importance of promoting clinical research, promoted both by universities/schools and by institutions/swimming pools where aquatic physiotherapy is practiced. Research work should be developed in synergies between academic and clinical practice. The need to find answers to the clinical challenges that arise in their daily practice should be a goal of all aquatic physiotherapists. Dissemination and sharing of knowledge should always be fostered [1].
- 2. Research provides the scientific evidence needed to support and guide the practice of aquatic physiotherapy. It helps determine the efficacy and effectiveness of different interventions, techniques, and approaches used in the aquatic environment. This evidence allows physiotherapists to make more assertive and evidence-based decisions about the best treatment options and relevant outcome measures for their patients.
- 3. Research optimises clients' outcomes by identifying the most effective techniques and interventions. Research helps ensure that patients receive the best possible care and achieve optimal results. It also helps in the development of new and innovative interventions and techniques. This could include exploring new exercises, equipment, or technology specifically designed for the aquatic environment.
- 4. Research contributes to the advancement of aquatic physiotherapy practice to help determine the most effective interventions to achieve therapeutic goals in any conditions. This knowledge can provide valuable insights into the physiological, biomechanical, and psychological processes involved in aquatic physiotherapy. Such understanding can lead to enhanced effectiveness of treatment protocols and the development of targeted interventions.
- 5. Research in aquatic physiotherapy helps build the body of scientific literature specific to this field. This expands the knowledge base and contributes to the overall advancement of the profession. It also allows for comparisons and meta-analyses/meta-regression of studies, leading to more robust and reliable conclusions about the efficacy/effectiveness of aquatic interventions.





## References

- Grupo de Interesse em Fisioterapia Aquática Hidroterapia (GIFA) da Associação Portuguesa de Fisioterapeutas (APFisio). Perfil de Competências do Fisioterapeuta Aquático. São Domingos de Rana; 2021. <a href="http://gifa.apfisio.pt/index.php/sobre-o-gifa/perfil-de-competencias-do-fisioterapeuta-aquatico-gifa/send/2-organizacao/199-perfil-de-competencias-do-fisioterapeuta-aquatico-gifa</a>
- Associação Portuguesa de Fisioterapeutas. O Perfil de Competências do Fisioterapeuta. São Domingos de Rana; 2020. <a href="http://www.apfisio.pt/wp-content/uploads/2020/09/APFisio">http://www.apfisio.pt/wp-content/uploads/2020/09/APFisio</a> Perfil Compet Fisio rev2020.pdf
- Conselho Federal de Fisioterapia e Terapia Ocupacional (COFFITO). Disciplina a Especialidade Profissional de Fisioterapia Aquática. Resolução № 443, de 3 de Setembro de 2014. <a href="https://www.coffito.gov.br/nsite/?p=3205">https://www.coffito.gov.br/nsite/?p=3205</a>
- 4. Vicente S., Murta H., Sá C. & Oliveira J. Cross Cultural adaptation of the Water Orientation Test Alyn (WOTA) 1 and 2 Portuguese version. *Annals of Medicine*, 2019; 51 (Suppl. 1): 214.
- Australian Physiotherapy Association (APA) Aquatic Physiotherapy Group. Australian guidelines
  for aquatic physiotherapists working in and/or managing hydrotherapy pools. 2 <sup>nd</sup> ed.; 2015.
  <a href="https://australian.physio/sites/default/files/tools/Aquatic Physiotherapy Guidelines.pdf">https://australian.physio/sites/default/files/tools/Aquatic Physiotherapy Guidelines.pdf</a>
- 6. Murta H., Palmeira A. Analyses of the motivation for hydrotherapy in users with chronic pain. Master's Thesis in Exercise and Wellness, Faculdade de Educação Física e Desporto - Universidade Lusófona. Lisbon; 2013.
- 7. Sá C., Palmeira A. Results of an Aquatic Exercise Program on Balance, Risk of Falls, Fear of Falling, and Quality of Life in Older Adults. *JAPT*. 2019; 27: 2-11.
- 8. Graça M., Alvarelhão J., Costa R., Fernandes R. J., Ribeiro A., Daly D., & Vilas-Boas J. P. Immediate Effects of Aquatic Therapy on Balance in Older Adults with Upper Limb Dysfunction: An Exploratory Study. *Int J Environ Res Pub Health*. 2020; 17(24): 9434. https://doi.org/10.3390/ijerph17249434
- 9. Grupo de Interesse em Fisioterapia Aquática Hidroterapia (GIFA) da Associação Portuguesa de Fisioterapeutas (APFisio). Orientações Globais da Intervenção do Fisioterapeuta em Fisioterapia





- Aquática Hidroterapia. São Domingos de Rana; 2017. <a href="http://gifa.apfisio.pt/index.php/sobre-o-gifa/orientacoes-gerais/send/2-organizacao/3-orientacoes-globais-interv-fisioterapeuta">http://gifa.apfisio.pt/index.php/sobre-o-gifa/orientacoes-gerais/send/2-organizacao/3-orientacoes-globais-interv-fisioterapeuta</a>
- Aquatic Therapy Association of Chartered Physiotherapists (ATACP) from the Chartered Society of Physiotherapy (CSP). Guidance on Good Practice in Aquatic Physiotherapy. London; 2021. <a href="https://atacp.csp.org.uk/system/files/documents/2018-08/completed\_purchase.pdf">https://atacp.csp.org.uk/system/files/documents/2018-08/completed\_purchase.pdf</a>
- 11. Grupo de Interesse em Fisioterapia Aquática Hidroterapia (GIFA) da Associação Portuguesa de Fisioterapeutas (APFisio). Normas de Boas Práticas para a prestação de serviços de Fisioterapia Aquática Hidroterapia. São Domingos de Rana; 2017. <a href="http://gifa.apfisio.pt/index.php/sobre-o-gifa/normas-de-boas-praticas/send/2-organizacao/2-normas-de-boas-praticas-para-a-prestacao-de-servicos-de-fisioterapia">http://gifa.apfisio.pt/index.php/sobre-o-gifa/normas-de-boas-praticas/send/2-organizacao/2-normas-de-boas-praticas-para-a-prestacao-de-servicos-de-fisioterapia</a>
- 12. American Physical Therapy Association (APTA). Specialist Certification. Process Consulted in May 2020. https://specialization.apta.org/about-specialist-certification
- 13. Australian Physiotherapy Association (APA) Aquatic Physiotherapy Group. <a href="https://australian.physio/membership/national-groups/aquatic">https://australian.physio/membership/national-groups/aquatic</a>