Internship Program Electrotherapy in Physiotherapy

Endorsed by the NBA







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01 Introduction

One of the newest and most effective treatments in physiotherapy today is electrotherapy. This way, physiotherapists who wish to experience an update of knowledge and specialize in this innovative area have a great opportunity to progress with this program. With this Certificate, they will be able to deal with 100% real cases of patients requiring this type of techniques, spending a stay in a first level hospital institution and always accompanied by prestigious specialists in the field. Thanks to this, in just 3 weeks, they will have new skills that they will be able to apply to their professional fields.

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Develop, through this Internship Program, skills for management of complex resources of Electrotherapy such as high and low frequency analgesic currents and their different waves"



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Electrotherapy is a valuable methodology for rehabilitation in patients with various health complications. Therefore, this Certificate includes latest knowledge and techniques, focused on mechanisms of muscle contraction and somatosensory transmission. This way, teaching acquires a high level that will lead physiotherapists to know subject's pathophysiological systems and physical and chemical bases of this type of treatment.

This Internship Program in Electrotherapy in Physiotherapy is, therefore, a great option for all those professionals who want to obtain new skills and tools in this field, so that they can later provide the latest treatments to their patients. As a result, graduates who have completed this Certificate will see their reputation increase, gaining new clients and becoming great references in their geographic environment.

This stay is characterized by its duration, 3 weeks, and by its intensive format, with which students will be able to accompany great specialists in Electrotherapy applied to Physiotherapy for 8 hours a day, following a schedule from Monday to Friday. Students in this program will be able to receive continuous and fluent learning in this discipline, which guarantees that experience of this stay will be as close as possible to a full work experience. At the same time, they will be accompanied by an assistant tutor. This figure will be in charge of supervising their practical progress, as well as facilitating their active integration into dynamics of the reference center for this Certificate. In addition, these institutions have been chosen by TECH for their international prestige and access to the most modern technologies in this area.

02 Why Study an Internship Program?

Electrotherapy is gaining popularity among physiotherapy specialists around the world. However, this rehabilitation methodology consists of various techniques and tools whose constant updating makes it difficult for professionals who wish to remain updated in terms of their practical mastery. TECH does not want its students to face this problem and has therefore designed a 3-week intensive onsite stay in renowned therapeutic centers where each student will achieve skills most in demand in this field of health.

TECH puts at your disposal the most prestigious professionals in Physiotherapy field, who will show you through real cases, benefits and disadvantages of Electrotherapy"

1. Updating from the latest technology available

Throughout this Internship Program, students will be able to handle complex equipment such as lasers, infrared radiation machines, magnetotherapy devices, among others. These innovative implements will be gradually incorporated into their daily work practice based on contents of this innovative program.

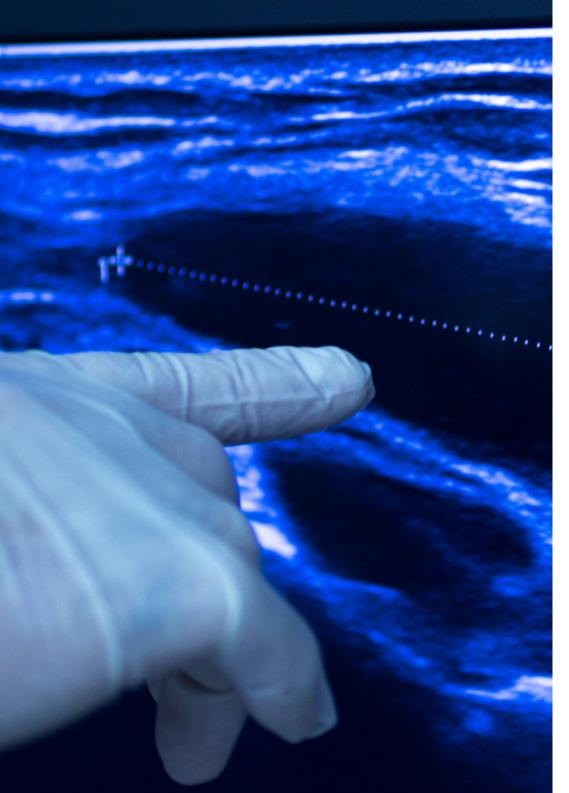
2. Gaining In-Depth Knowledge from the Experience of Top Specialists

This academic program has assistance of distinguished experts in Electrotherapies field. In addition, students will be supported by personalized guidance of an assistant tutor who will supervise their educational progress. Furthermore, this teacher will be in charge of introducing them to professional dynamics of the institution selected for this internship.

3. Entering into first class Physiotherapist environments

TECH is strict in the selection of centers where its students will go for this Internship Program. For this reason, each of its students will attend, in person, a prestigious institution where experts of the highest level in Electrotherapy work and handle the most complex technologies in this sector.

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4. Putting the acquired knowledge into daily practice from the very first moment

Unlike other pedagogical offers in the market, this Certificate will allow students to face real cases from day one, in an innovative and 100% practical learning method. This way, the student will develop necessary competencies for their daily work activity in a more efficient way and in only 3 weeks.

5. Expand the frontiers of knowledge

Students who opt for this Internship Program may also choose the institution where they wish to receive their education. Thanks to the extensive network of agreements and contacts established by TECH, these centers are located in different continents. In this way, students will expand horizons of their knowledge at international levels established by TECH, these centers are located in different continents. As a result, students will expand the horizons of their knowledge at international levels.

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You will have full practical immersion at the center of your choice"

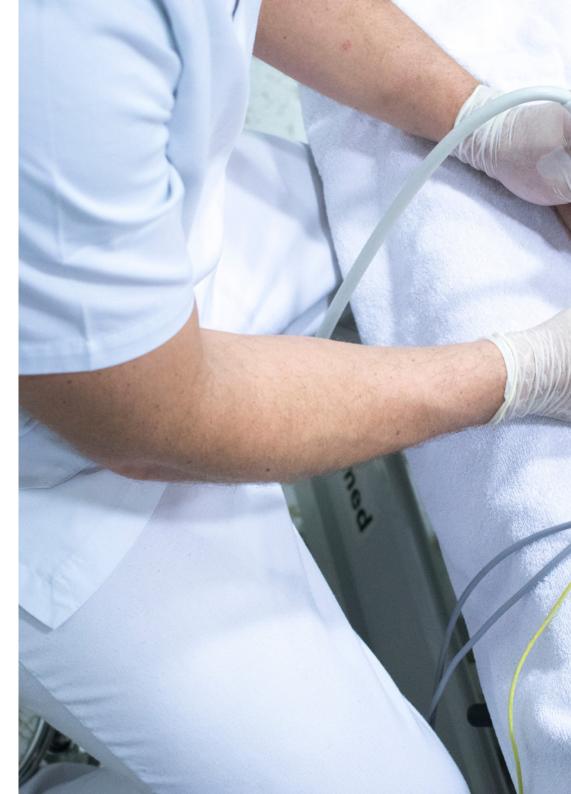
03 **Objectives**

The main objective of this Certificate is to offer physiotherapists new tools and updated knowledge with which to face their professional practice. To this end, it offers them the opportunity to spend an intensive stay in a prestigious center where they will have access to patients in need of electrotherapy, while being guided by specialized professionals. This way, they will be able to advance their careers thanks to new skills they will be able to acquire in the development of these practical activities.



General Objectives

- To master latest techniques and tools that facilitate rehabilitation of patients by means of Electrotherapy
- To incorporate to daily work the most complex equipment involved in Electrotherapy, including laser equipment, infrared radiation, electrodes, among others
- To know criteria that determine application of invasive techniques of electric current in physiotherapy







Specific Objectives

- To facilitate physiotherapist's performance in their daily practice related to musculoskeletal pathology and electrotherapy application
- To update knowledge of rehabilitation professional in electrotherapy field
- To promote work strategies based on integral approach to the patient as a reference model in the achievement of healthcare excellence
- To encourage acquisition of technical skills and abilities, through a powerful audiovisual system, and possibility of development through online simulation workshops and/or specific teaching
- To encourage professional stimulation through continuous education and research

You will update all your knowledge, being able to offer new and effective therapies to your patients"

04 Educational Plan

Physiotherapy professionals who enroll in this program will enjoy a 3-week stay in a prestigious center. Intensive 8-hour sessions will be held during which you will receive practical education from leading specialists in electrotherapy applied to physiotherapy field.

In this educational proposal, which is completely practical in nature, activities are intended for development and improvement of competencies required for provision of therapeutic care in areas and conditions that require a high level of qualification, and are oriented to specific skills for exercising activity, in a safe environment for the patient and high professional performance.

This Internship Program is, therefore, the best opportunity for physical therapists to obtain an update in their professional performance, thanks to everything they will learn in this program development. Their practical approach will allow them to be in direct contact with patients and with pathologies they may later face in their careers as therapists.

For this reason, a stay of these characteristics is the answer for all those who wish to make a qualitative leap in their professional careers, which will be boosted by the acquisition of new skills in this field, especially with regard to ultrasound therapy and electrotherapy focused on physiotherapy. They will also be able to review their knowledge in aspects such as electrostimulation used for muscle strengthening and in neurological patient, as well as its relation to analgesia. Practical teaching will be carried out with active participation of students performing activities and procedures of each area of competence (learning to learn and learning to do), with accompaniment and guidance of teachers and other training partners to facilitate teamwork and multidisciplinary integration as transversal competencies for the praxis of physical therapy (learning to be and learning to relate).

Practical procedures described below will be the basis of education's clinical practice, and their realization will be subject to availability of patients

and their diagnostic and therapeutic indication, for each of them, during the hospital stay.



Receive specialized education in an institution that can offer you all these possibilities, with an innovative academic program and a human team that will help you develop your full potential"



Procedures described below will be basis of practical part of the program, and their implementation will be subject to the center's own availability and workload, with proposed activities being the following:

Module	Practical Activity
Methodologies for Electrotherapy and High Frequency Analgesic Currents	Analyze physical fundamentals of high and low frequency
	Assessment of physiological and therapeutic effects of high frequency
	Apply shortwave, microwave and tecartherapy practices
	Implement different types of electrodes
	Perform ultrasound therapies using state-of-the-art equipment
Techniques	Developing electrostimulation in the neurological patient
and tools for Electrotherapy	Assessment of nerve lesions and their muscular innervation by electrotherapies
	Evaluate electromyography methods to stimulate muscle strengthening
Invasive applications of electric current in Physical Therapy	Perform dry needling and post puncture treatments, with Electrotherapy as an adjuvant
	Implement evaluation in percutaneous electrical stimulation: PENS
	Develop invasive treatments for regenerative purposes in low back, upper quadrant and lower limb pain
Magnetotherapy scope in Physiotherapy and other electromagnetic fields	Analyze physiological effects of magnetotherapy (biochemical, cellular and bone tissue) in real patients
	Develop different clinical applications of magnetotherapy in osteoarthritis, bone consolidation and shoulder pathology
	Perform therapeutic evaluations using infrared radiation
	Implement clinical laser applications in cases of varying complexity

05 Where Can I Do the Internship Program?

TECH provides its students with high-level specialized centers in electrotherapy applied to physiotherapy. There, physiotherapists who take this program will be able to enjoy a close accompaniment of experts in this field, while having access to real patients. Therefore, a stay in these institutions will be the key to professional development of those who complete this Certificate, since it is a practical experience very close to the work practice, with the difference of obtaining skills and innovative tools from the hand of great specialists in electrotherapy.



Join a reference center in electrotherapy and become a prestigious physiotherapist in your environment"



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The student will be able to do this program at the following centers:

City

Asturias



ASPAYM Principado de Asturias

Country Spain

Adress: Av. Roma, 4, 33011 Oviedo, Asturias

National federation dedicated to the physical and mental promotion of patients.

> Related internship programs: -Neurological Physiotherapy Neurodegenerative Diseases



Fisioterapia Recupérate Ya Country City Madrid Spain

Adress: Calle de Sandoval 17, (28010) Madrid

Physiotherapeutic center with a wide range of services for physical and manual therapy.

> Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



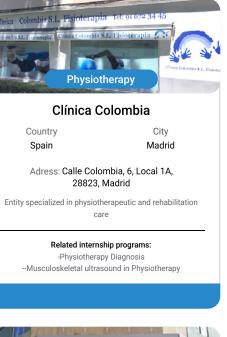
Clínicas Galiano

Country City Madrid Spain

Adress: C. Cuenca, 5, 28922 Alcorcón, Madrid

Clinical center specialized in Rehabilitation and Physiotherapy

Related internship programs: - Electrotherapy in Physiotherapy





Clínica Levante

Country	City
Spain	Madrid

Adress: Calle Antonio Muñoz Molina, 1, 28521, Rivas-Vaciamadrid, Madrid

Multidisciplinary clinical care center for specialized care

Related internship programs: - Electrotherapy in Physiotherapy



Hospital HM Modelo

Country	City
Spain	La Coruña

Adress: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

> Related internship programs: - Anaesthesiology and Resuscitation - Palliative Care



Hospital Maternidad HM Belén

Country	City
Spain	La Coruña

Adress: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

> Related internship programs: - Update in Assisted Reproduction - Hospitals and Health Services Management



Hospital HM San Francisco

Country	City
Spain	León

Adress: C. Margueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

> Related internship programs: -Anesthesiology and Resuscitation Update -Nursing in Traumatology Service

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Hospital HM Regla		
Country	City	
Spain	León	
Adress: Calle Cardenal Landázuri, 2, 24003, León		

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Update on Psychiatric Treatment in Minor Patients



Hospital HM Nou Delfos

Country City Spain Barcelona

Adress: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Aesthetic Medicine - Clinical Nutrition in Medicine



Hospital HM Madrid

Country City Spain Madrid

Adress: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Palliative Care - Anaesthesiology and Resuscitation



Hospital HM Torrelodones

Country	City
Spain	Madrid

Adress: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Anaesthesiology and Resuscitation - Palliative Care



Hospital HM Sanchinarro

Country	City
Spain	Madrid

Adress: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Anaesthesiology and Resuscitation - Palliative Care



Hospital HM Puerta del Sur

Country	City
Spain	Madrid

Adress: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Palliative Care - Clinical Ophthalmology



Policlínico HM Las Tablas

Country	City
Spain	Madrid

Adress: C. de la Sierra de Atapuerca, 5, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: -Nursing in Traumatology Service -Physiotherapy Diagnosis



Policlínico HM Moraleja

Country	City
Spain	Madrid

Adress: P.º de Alcobendas, 10, 28109, Alcobendas, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: Rehabilitation Medicine in Acquired Brain Injury Management



Policlínico HM Virgen del Val

City

Madrid

Country Spain

Adress: Calle de Zaragoza, 6, 28804, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: -Physiotherapy Diagnosis -Physiotherapy in Early Child Care



Policlínico HM Imi Toledo

Country City Spain Toledo

Adress: Av. de Irlanda, 21, 45005, Toledo

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs: - Electrotherapy in Rehabilitation Medicine - Hair Transplantation



Clínica Virgen del Camino Country City

Spain Madrid

Adress: Paseo de las Delicias, 150, 28045 Madrid

The Virgen del Camino Clinic, 45 years of health care

> Related internship programs: Occupational Nursing -Physiotherapy Diagnosis



Premium global health care Madrid

Country City Spain Madrid

Adress: C. de Víctor de la Serna, 4, 28016 Madrid

Rehabilitation, readaptation and personal training: these are pillars of Physiotherapy clinic in Pozuelo

> Related internship programs: - MBA in Digital Marketing Project Management



Premium global health care Fuenlabrada

Country	City
Spain	Madrid

Adress: Paseo de Roma, 1, 28943 Fuenlabrada, Madrid

Rehabilitation, readaptation and personal training: these are pillars of Physiotherapy clinic in Fuenlabrada

> Related internship programs: - MBA in Digital Marketing Project Management



Premium global health care Pozuelo

Country	City
Spain	Madrid

Adress: Centro Comercial Monteclaro, Local 59.4, s/n, Av. de Monteclaro, d, 28223 Pozuelo de Alarcón, Madrid

Rehabilitation, readaptation and personal training: these are pillars of Physiotherapy clinic in Pozuelo

Related internship programs: - MBA in Digital Marketing Project Management



Clínica Montecarlo Torrent

Country Spain

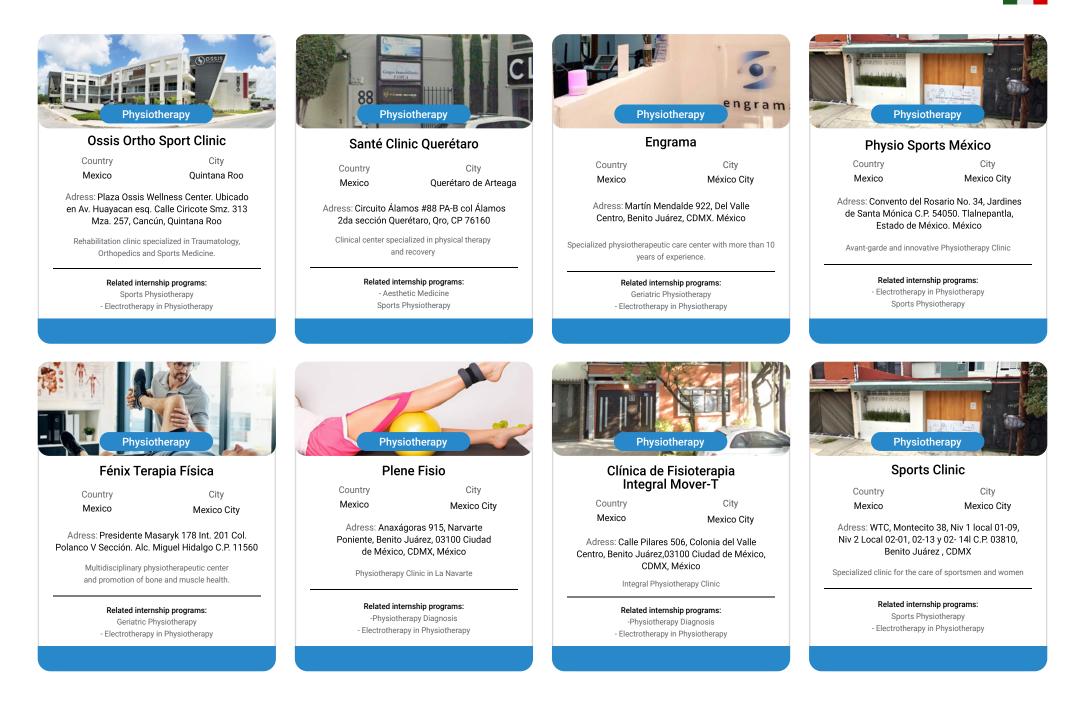
City Valence

Adress: Avinguda al Vedat, 21-1st floor, Edificio Montecarlo, 46900 Torrent, Valencia

Specialized physiotherapy center

Related internship programs: - Electrotherapy in Physiotherapy Sports Physiotherapy

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Athlos Ecatepec

Country City Mexico Mexico City

Adress: Plaza Ecatepec, Via Morelos 172, Local C-8, Los Laureles, Ecatepec de Morelos, Méx. Junto a la zona de Comida

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Naucalpan

Country City Mexico Mexico City

Adress: Av. Gustavo Baz Prada No. 116, Col. Bosques de Echegaray, Naucalpan de Juárez. Estado de México

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Iztacalco

Country City Mexico Mexico City

Adress: Julio García No. 14, Piso 2, San Miguel, Iztacalco, CDMX. Esq. Francisco del Paso y Troncoso

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Toluca

Country Mexico City Mexico City

Adress: Cerro de la Estrella 128 - 29, Xinantécatl, Metepec, Edo. de Méx

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Tiber

Country City Mexico Mexico City

Adress: Río Tiber No. 21, 3er Piso, Col: Cuauhtémoc, Del: Cuauhtémoc, CDMX

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Roma

Country	City
Mexico	Mexico City

Adress: Guanajuato 178, 3er Piso. Roma Norte, Cuauhtémoc, CDMX

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Tlalpan

Country	City
Mexico	Mexico City

Adress: Calle 3 Num 52, Coapa, Espartaco, Coyoacán, 04870, CDMX

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy



Athlos Lindavista

Country	City
Mexico	Mexico City

Adress: Sullana 741, Col. Lindavista, Del. G.A.M. CDMX

Specialized centers for physical and sports rehabilitation

Related internship programs: -Physiotherapy Diagnosis - Electrotherapy in Physiotherapy

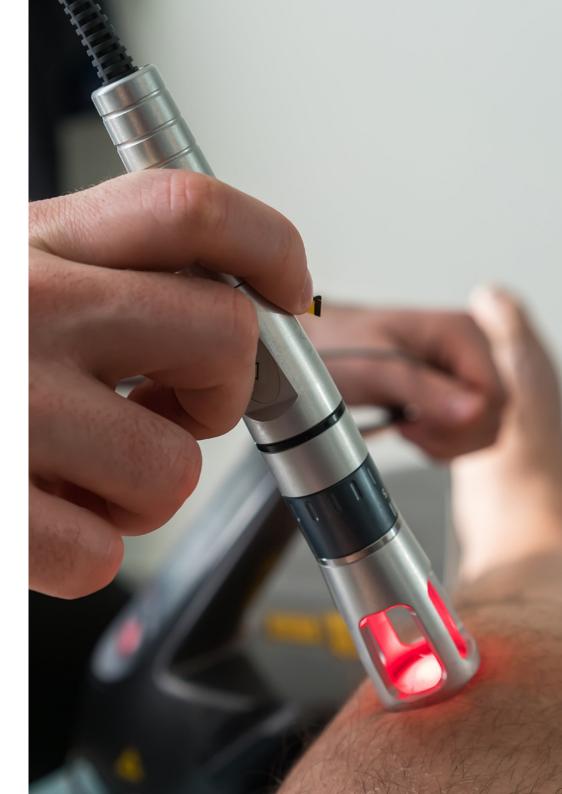
06 General Conditions

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Internship Program, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor, whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor. **4. CERTIFICATION:** Professionals who pass the Internship Program will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: The Internship Program shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Internship Program will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

07 **Certificate**

This private qualification will allow you to obtain a **Internship Program diploma in Electrotherapy in Physiotherapy** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Internship Program in Electrotherapy in Physiotherapy

Duration: 3 weeks

Attendance: Monday to Friday, 8-hour consecutive shifts

Accreditation: 4 ECTS





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