

Internship Program

Respiratory Physiotherapy



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Respiratory Physiotherapy

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01 Introduction

The COVID-19 pandemic and the increase in patients with respiratory problems have highlighted the importance of Respiratory Physiotherapy. Advances in the techniques used in this field have shown significant improvement in the quality of life of patients. Therefore, it is essential that physiotherapists keep themselves updated in a constantly evolving area. From this need, arises this diploma that offers a practical experience of 3 weeks duration in a first class clinical center and made up of authentic experts in this field. An excellent academic option to catch up effectively and improve professional skills.



Integrate into your daily practice the most notorious advances in Respiratory Physiotherapy techniques thanks to this Internship Program”





The COVID-19 pandemic has had a significant impact on the health of people, especially those suffering from respiratory sequels. In this context, there are still other patients who were already receiving Physiotherapy treatment to improve their quality of life.

As a result, Respiratory Physiotherapy has evolved rapidly and professionals in this field need to be updated. For this reason, TECH has launched a 3-week Internship Program in a first class healthcare setting. A program designed to enhance the professional's skills through a stay in a unique healthcare space, which will lead them to successfully deal with real clinical cases.

A unique opportunity for professionals to perfect their skills in the management of patients with various respiratory pathologies. All this, in a process, where you will be guided by real experts with a consolidated professional career in Physiotherapy.

“

Enjoy an intensive 3-week stay in a reputable center and get up to date on the latest clinical procedures to achieve professional growth”

02

Why Study an Internship Program?

Nowadays, Respiratory Physiotherapy is an increasingly relevant technique in the treatment of people with pulmonary disorders or with sequels of other diseases. Therefore, it is essential for physiotherapists to keep updated in this discipline in order to provide their patients with the most effective and innovative treatments. In addition, this 3-week Internship in Respiratory Physiotherapy at a renowned clinical center, with the assistance of expert tutors, will enable professionals to enhance the skills necessary to carry out the most innovative and effective therapeutic procedures.



TECH gives you the opportunity to get involved in a real healthcare environment under the supervision of the best specialists in the field"

1. Updating from the Latest Technology Available

In recent years, the area of Respiratory Physiotherapy has undergone a great revolution thanks to technological advances, such as the use of assistive materials and new therapeutic techniques. In order to bring specialists closer to these innovations, TECH has developed a Internship Program in which professionals will be able to enter a cutting-edge clinical environment and access state-of-the-art technology in this field. This will allow them to be updated and apply the latest techniques and advances in their professional practice.

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

During the three weeks that this process lasts, professionals will be guided and supervised by a team of professionals who are part of the clinical center where the Internship Program will take place. In this way, they will be able to have a practical experience from the beginning, witnessing and participating in the most effective procedures in the area of Respiratory Physiotherapy.

3. Entering First-Class Clinical Environments

TECH makes a thorough choice of clinical centers available for Internship Program in Respiratory Physiotherapy. In this way, it is guaranteed that specialists will have a prominent clinical environment in this field, where they can live first-hand the daily dynamics in a rigorous, demanding and thorough environment.



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

In the educational market there are many program options that are not always adapted to the daily needs of physiotherapists, and may require a lot of study time, which may be incompatible with their work and personal life. But TECH presents a new model of practical update in Respiratory Physiotherapy. In this way, professionals can be up-to-date with the latest advances and innovative techniques in this field, and most importantly, they can apply them in their professional practice in just 3 weeks.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility to carry out the Internship Program at centers of recognized prestige not only nationally, but also internationally. In this way, the physiotherapist will be able to broaden their vision and update themselves with the best experts working in first level health centers. It is unique opportunity that only TECH, the largest online university in the world, is able to provide.



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

03

Objectives

This Internship Program will allow the graduate to enhance the skills necessary to carry out the most innovative and effective therapeutic procedures in Respiratory Physiotherapy. To achieve this goal, the graduate will be tutored by the best experts in this field, belonging to a health center of national and international prestige. A space that will lead students to develop in a real clinical environment and first level.



General Objectives

- Carry out a comprehensive practice in respiratory physiotherapy, based on the application of advanced techniques and therapies in patients with acute and chronic respiratory pathologies
- Develop clinical and therapeutic skills in a real working environment and under the supervision of experts in the field of Respiratory Physiotherapy
- Enhance the ability of professionals to care for patients with special needs and increase their field of action in an area in constant evolution





Specific Objectives

- ◆ Develop practical skills in the use of different techniques of respiratory physiotherapy, such as assisted cough, mechanical ventilation, lung expansion and chest vibration, among others
- ◆ Perform an adequate assessment and physiotherapeutic diagnosis of patients with respiratory pathologies, such as asthma, COPD, chronic bronchitis and cystic fibrosis, among others
- ◆ Apply the best strategies for the prevention and treatment of respiratory complications in critical patients, such as pneumonia, Acute Respiratory Distress Syndrome (ARDS) and pulmonary edema
- ◆ Practice designing individualized, based treatment plans in physiotherapeutic evaluation, for patients with different respiratory pathologies
- ◆ Work in teams with other health professionals, such as doctors, nurses, and respiratory therapists, to provide comprehensive and coordinated care to patients
- ◆ Develop skills to communicate effectively with patients and family members, explaining treatments and guidelines to follow in understandable language
- ◆ Enhance practice in the use of medical devices for respiratory physiotherapy, such as respiratory stimulators, nebulizers and CPAP
- ◆ Perform adequate monitoring of patients during treatment, constantly evaluating the response to physiotherapy techniques applied
- ◆ Develop skills to properly document evolution of the patient and the response to physiotherapeutic treatments applied, using tools such as the nursing registry
- ◆ Learn to apply physiotherapy techniques with sensitivity and empathy towards patients, adapting therapy to their needs and physical limitations, and providing respectful and humanized care

04

Educational Plan

The Internship Program in Respiratory Physiotherapy has a practical stay of 3 weeks in a prestigious center, where the graduate will have the opportunity to work with a team of professionals in physiotherapists. During the days from Monday to Friday, lasting 8 consecutive hours, you can witness real cases and apply the most innovative therapeutic procedures, attending each pathology. It will also have access to state-of-the-art devices, which will allow it to expand competence for the care of patients with respiratory difficulties.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare in areas and conditions that require highly qualified professionals, and are oriented towards specific expertise for practicing the activity, in a safe environment for the patient and with highly professional performance.

In this way, this program provides the opportunity to expand skills while working in an advanced healthcare space, focused on real-time monitoring of patients' health. This innovative way of understanding and merging healthcare processes makes this center of excellence the ideal place for the development of professional skills. It is an ideal opportunity to experiment in an environment that promotes innovation and the use of technology in health care.

The practical teaching will be carried out with the active participation of the student, performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other training partners to facilitate teamwork and multidisciplinary integration as transversal competencies for FISIOTERAPIA science praxis (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the internship, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:



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"



| Module | Practical Activity |
|--|---|
| Respiratory Techniques in Physiotherapy | Teach a patient to perform diaphragmatic breathing exercises |
| | Demonstrate how to use assisted cough technique to help expel lung secretions |
| | Practice breathing technique in a sitting position with a patient |
| | Guide a patient in the technique of synchronized breathing with movement |
| Assessment Techniques in Respiratory Physiotherapy | Perform a lung auscultation to evaluate the presence of abnormal noises when breathing |
| | Perform a forced vital capacity (FVC) assessment to determine a patient's lung function |
| | Assess a patient's resting and physical activity breathing rate |
| | Evaluate a patient's oxygen saturation using a pulse oximeter |
| Respiratory Physiotherapy Technique in COVID patients | Teach a patient deep breathing exercises to improve lung ventilation |
| | Practice the lung expansion technique with a patient who has suffered a decrease in lung capacity due to COVID-19 |
| | Teach a patient to use a continuous positive airway pressure (CPAP) device to help improve lung function |
| | Monitor patient progress during COVID-19 recovery |
| Mechanical Ventilation Methods | Practice non-invasive mechanical ventilation (NIV) with a patient suffering from respiratory failure |
| | Demonstrate how to perform a tracheotomy and connect the mechanical ventilation pipe |
| | Teach a patient how to use a portable mechanical fan at home |
| | Evaluate a patient's vital signs while being mechanically ventilated |
| Respiratory Physiotherapy in Critical Patients | Practice thoracic vibration technique to help expel lung secretions in a critical patient |
| | Teach a patient how to use a respiratory stimulant to improve lung function |
| | Demonstrate how to perform a hyperinflation maneuver to help improve lung ventilation in a critical patient |
| | Assess a patient's tolerance to respiratory physiotherapy in an intensive care unit |

05 Where Can I Do the Internship Program?

TECH has carefully selected the centers where physiotherapists can perform their Internship Program in Respiratory Physiotherapy. These centers stand out for having an excellent team of professionals, cutting-edge equipment and the use of the most effective diagnostic procedures and treatments in this area. A first level environment that will allow students to improve their skills with the help of the best real experts in the field.



Improve your ability to approach patients with respiratory difficulties in a center specialized in Respiratory Physiotherapy"





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



Physiotherapy

Hospital HM Modelo

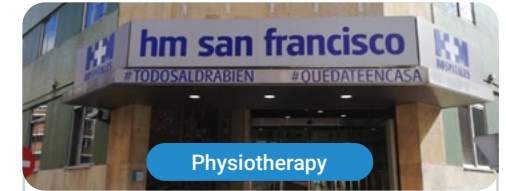
| | |
|---------|-----------|
| Country | City |
| Spain | La Coruña |

Management: 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



Physiotherapy

Hospital HM San Francisco

| | |
|---------|------|
| Country | City |
| Spain | León |

Management: C. Marqueses de San Isidro, 11, 24004, León

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

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department



Physiotherapy

Hospital HM Regla

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|---------|------|
| Country | City |
| Spain | León |

Management: 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



Physiotherapy

Hospital HM Nou Delfos

| | |
|---------|-----------|
| Country | City |
| Spain | Barcelona |

Management: 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: Spain
City: Madrid

Management: 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: Spain
City: Madrid

Management: 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



Policlínico HM Sanchinarro

Country: Spain
City: Madrid

Management: Av. de Manoteras, 10, 28050, Madrid

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

Related internship programs:

- Gynecological Care for Midwives
- Nursing in the Digestive Tract Department



Hospital HM Puerta del Sur

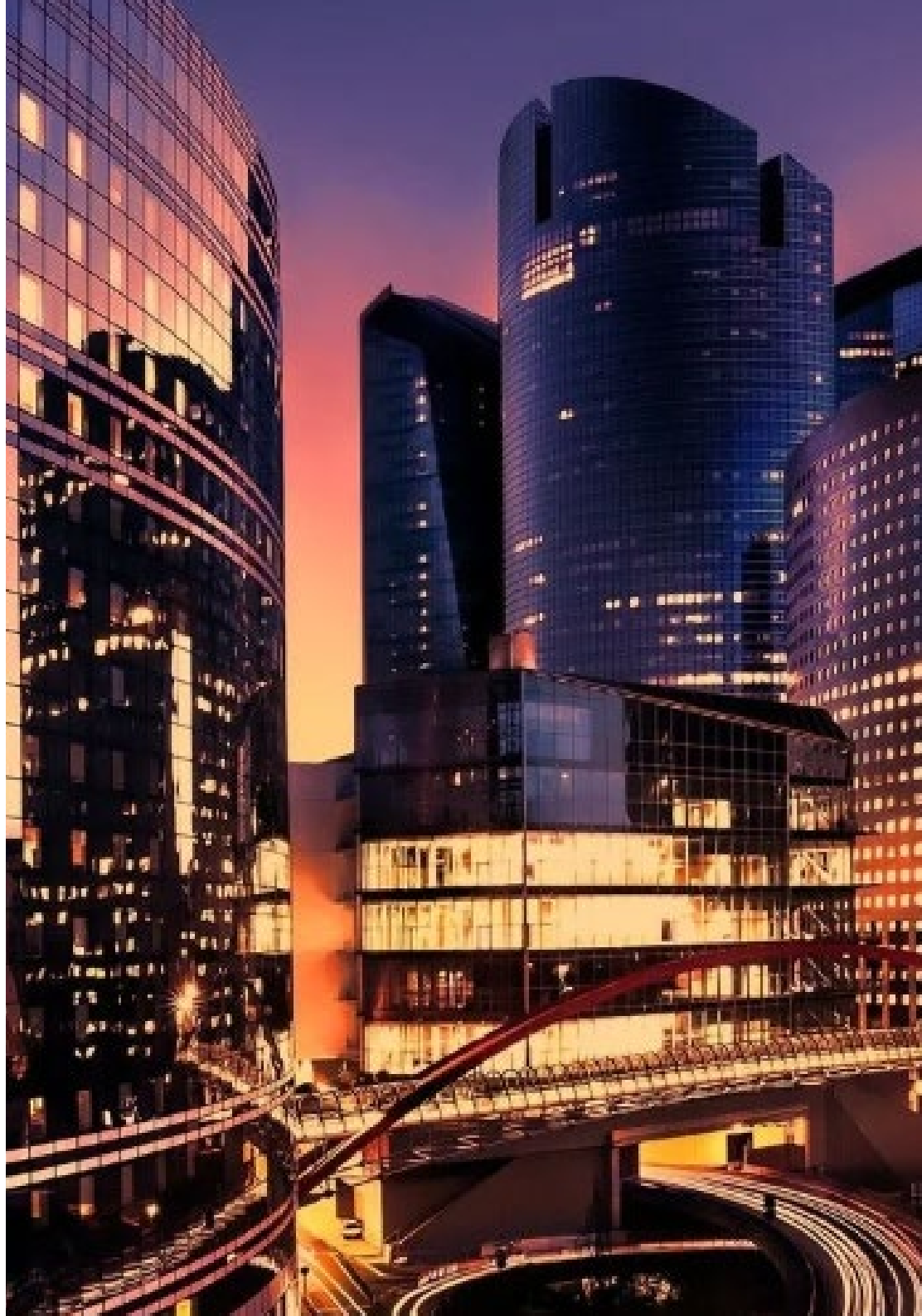
Country: Spain
City: Madrid

Management: 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





Physiotherapy

Policlínico HM Las Tablas

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| Country | City |
| Spain | Madrid |

Management: 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 the Traumatology Department
- Diagnosis in Physiotherapy



Physiotherapy

Policlínico HM Moraleja

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| Country | City |
| Spain | Madrid |

Management: 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



Physiotherapy

Policlínico HM Virgen del Val

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| Country | City |
| Spain | Madrid |

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

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

Related internship programs:

- Diagnosis in Physiotherapy
- Physiotherapy in Early Care



Physiotherapy

Policlínico HM Imi Toledo

| | |
|---------|--------|
| Country | City |
| Spain | Toledo |

Management: 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

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. Therefore 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 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 do 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 **Internship Program's Degree in Respiratory Physiotherapy** contains the most complete and up-to-date program in the professional and academic landscape.

After the student has passed the assessments, they will receive their corresponding Internship Program diploma issued by TECH Technological University via tracked delivery*.

The diploma issued by TECH will state the score obtained in the test.

Title: **Internship Program in Respiratory Physiotherapy**

Duration: **3 weeks**

Attendance: **Monday to Friday, 8-hour consecutive shifts**

Total Hours: **120 h. of professional practice**



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