

Internship Program Pulmonology





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Internship Program
Pulmonology

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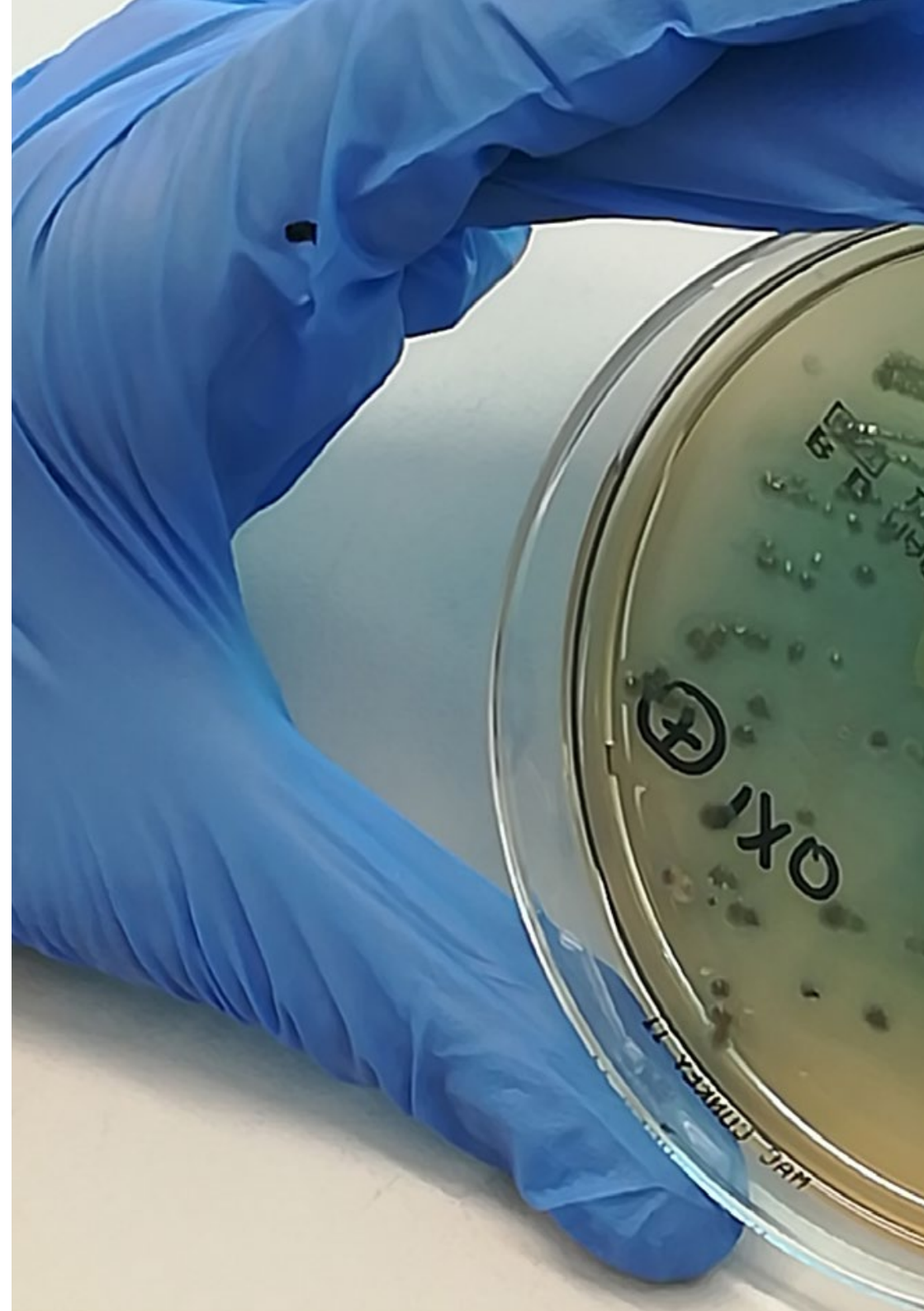
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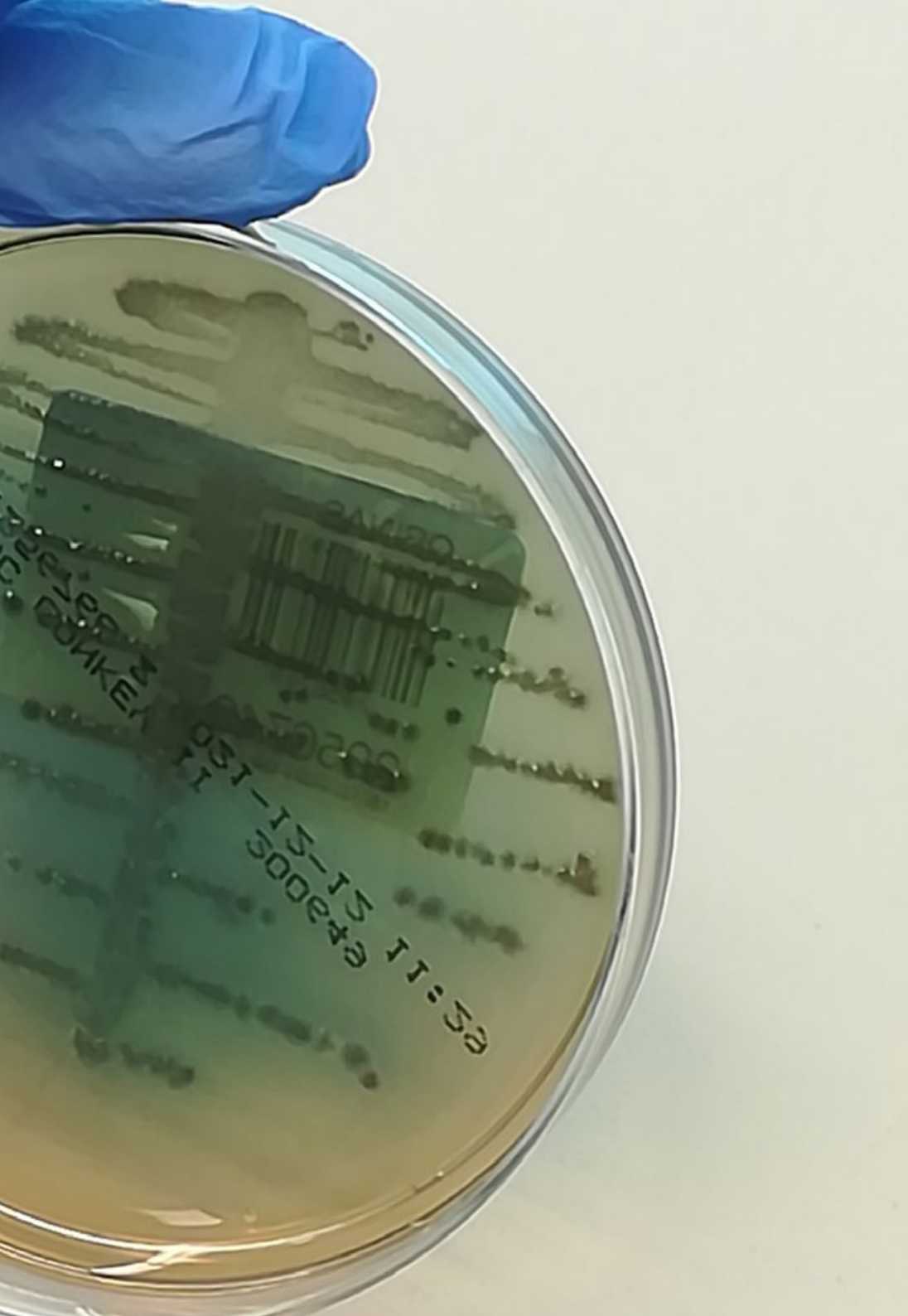
01 Introduction

According to various experts, chronic respiratory diseases currently affect more than 550 million people worldwide and cause more than 4 million deaths per year. These alarming figures have highlighted the importance of developing novel diagnostic and therapeutic methods to combat these pathologies, as well as having pulmonologists with the most advanced skills in their use. Because of this, TECH Technological University has created this Internship program that, by providing access to a practical stay of 3 weeks in a first level hospital center, will encourage the specialist in Pulmonology to assimilate the most avant-garde procedures to treat diseases such as COPD or the most complex pneumonias.



Manage, through this program, the most up-to-date procedures to diagnose and treat COPD in patients with different clinical profiles"





Diseases such as asthma and COPD affect, according to World Health Organization estimates, about 235 and 64 million people worldwide, respectively. This fact, together with the high number of people who have died from respiratory problems resulting from COVID-19 in recent years, has further boosted research into the detection and treatment of different types of respiratory pathologies. Given the constant updating in this medical discipline, pulmonologists are obliged to know and correctly apply all the advances that arise in their specialty in order to offer the best quality of life to each patient.

In view of this situation, TECH Technological University has created this Internship Program, which will enable the specialist in Pulmonology to master the most avant-garde diagnostic and therapeutic methods to deal with a wide range of respiratory pathologies. During 120 intensive hours, the student will be part of a multidisciplinary team made up of top-level professionals. Together with these experts, you will learn how to interpret the most updated diagnostic tests for COPD or establish treatments for the maintenance of Asthma adapted to the latest scientific evidence. In addition, you will master the therapy of sleep disorders such as Apnea or Hypersomnias.

All this, in just 3 weeks, developing his profession in a prestigious hospital, characterized by having the most extensive and innovative technology in the area of Pulmonology. Throughout this practical period, he will also be accompanied by his tutor, designated specifically for him, who will be responsible for guiding his learning and ensuring the incorporation of updated skills in his work methodology.

02

Why Study an Internship Program?

In the field of Pulmonology, it is essential to know how to bring into the work environment all the scientific advances found in the use of new methods of disease detection or treatment. It is for this reason that TECH Technological University has developed this Internship Program with which, through a 3 week hospital stay in a first level center, the pulmonologist will manage the most updated procedures of his specialty to enhance his medical practice.



Enjoy the opportunity to surround yourself with the best specialists in Pulmonology to perfect your diagnostic and therapeutic skills in a state-of-the-art environment thanks to this Internship Program offered by TECH"

1. Updating from the latest technology available

The field of Pulmonology, largely due to the respiratory problems caused by COVID-19 in many people, has experienced a remarkable development in its diagnostic and therapeutic methods for various pathologies. In this sense, TECH Technological University has created this Internship Program, which will help doctors to update their skills to optimize their daily health care skills in order to optimize their daily healthcare development.

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

During their practical stay, students will be accompanied by high-level physicians who will provide them with numerous tips to help them perfect their health care skills. In addition, a specially appointed tutor will ensure that their learning fully meets their academic expectations.

3. Entering First-Class Clinical Environments

TECH Technological University has selected a wide range of hospitals for this Internship Program. In this way, the pulmonologist will work for 3 weeks in a state-of-the-art hospital, characterized by the best technology and excellent human teams that will favor the student's professional growth.



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

In the educational landscape, there is an abundance of academic programs that, apart from being time-consuming, offer skills that are not entirely useful in professional life. Because of this, TECH Technological University has developed a modern learning model 100% practical, which will allow the student to practice their tasks with real patients to acquire a series of skills applicable in their day to day work. day-to-day work.

5. Expanding the frontiers of knowledge

TECH Technological University offers the possibility of studying this program in centers of international scope, so that the specialist in Pulmonology will have the opportunity to expand their medical skills with professionals who practice or have developed their profession in hospitals in different parts of the world.



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

03 Objectives

The objective of this Internship Program is to enable the pulmonologist to broaden his practical skills in his medical specialty, acquiring a wide command of the new diagnostic and therapeutic procedures for various pathologies through a 3-week hospital stay.



General Objectives

- Update the medical skills of the specialist in Pulmonology in accordance with the latest scientific evidence in the field of detection and treatment of various pathologies
- Broaden skills in various fundamental aspects related to the care practice of pulmonological pathologies



Complement your medical skills in Pulmonology through a 3-week hospital internship in a first class center"





Specific Objectives

- ♦ Master the scientific and technical aspects related to the most prevalent ILD
- ♦ Develop professional competencies aimed at optimizing comprehensive patient-centered care based on the latest available evidence
- ♦ Be able to interpret the most commonly used complementary tests in the diagnosis and follow-up of COPD patients
- ♦ Manage the main comorbidities associated with COPD
- ♦ Improve the control and quality of life of patients with asthma, using the knowledge acquired based on the latest scientific evidence available.
- ♦ Interpret the most commonly used complementary tests in the diagnosis and follow-up of patients with asthma
- ♦ Identify and manage the main comorbidities associated with asthma
- ♦ Detect the different phenotypes and specific asthma treatment recommendations
- ♦ Know how to manage occupational asthma and pulmonary eosinophilias, as well as special circumstances such as asthma-pregnancy, stress-induced asthma or aspirin-exacerbated respiratory disease
- ♦ Use of new antimicrobials, as well as other therapies and updated diagnostic tests to provide a satisfactory response to the current challenges of respiratory infections
- ♦ Detect and treat the main infectious pathologies of the respiratory system
- ♦ Manage the updated diagnostic and therapeutic methods for lung cancer
- ♦ Master the different existing diagnostic techniques for the study of diseases affecting the pleura and mediastinum
- ♦ Optimize the therapeutic management of patients with pleural effusion, pneumothorax and mediastinal disease
- ♦ Address the management based on the latest scientific evidence of pathologies such as venous thromboembolic disease or pulmonary hypertension
- ♦ Treat various sleep breathing disorders
- ♦ Use the best diagnostic methods for the detection of respiratory insufficiency
- ♦ Master both the indications and contraindications for possible lung transplantation
- ♦ Detect possible complications derived from lung transplants that may be encountered in the review of these patients in the consultation room
- ♦ Manage the use of immunosuppressive treatments and prophylaxis in lung transplant patients

04 Educational Plan

The Internship Program in Pulmonology has been created to be developed through a 3-week hospital stay in a highly prestigious center, from Monday to Friday, enjoying 8 consecutive hours of professional performance under the supervision of a specialist in Pulmonology. Through this practical period, the physician will work with real patients, applying with them the most advanced diagnostic and therapeutic methods for different respiratory pathologies.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare care 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.

It is, therefore, an excellent opportunity to expand and update medical skills in the area of Pulmonology by working in a hospital where the application of the latest diagnostic methods and the most effective treatments are two flagships to promote the welfare of patients affected by respiratory diseases.

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 the professors and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for medical practice (learning to be and learning to relate).





The procedures described below will form the basis of the practical part of the training, 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:

Module	Practical Activity
Chronic Obstructive Pulmonary Disease and Interstitial Lung Diseases	Interpret the latest complementary tests used to establish the diagnosis and follow up the COPD patient. diagnosis and follow-up of the COPD patient
	Treat with solvency the different comorbidities that may occur in a COPD patient
	Diagnose and treat the different types of interstitial lung diseases based on the latest scientific evidence
Asthma Respiratory Infections and Related Diseases	Carry out the management of patients suffering from diseases such as occupational asthma or pulmonary such as occupational asthma or pulmonary eosinophilias
	Follow-up of a patient with Asthma to ensure the optimization of his health status optimization of their health status
	Use new antimicrobial and diagnostic tests that allow rapid diagnosis and treatment of respiratory infections
Diseases of the Pleura and Mediastinum and Hepatic Circulation	Use the most advanced diagnostic techniques that allow the detection of pleural and mediastinal that allow the detection of diseases of the pleura and mediastinum
	Treat patients suffering from pathologies such as pleural effusion, pneumothorax and mediastinal disease
	Diagnose pulmonary hypertension and to establish a treatment adapted to the needs of each patient
Lung Transplant	To discern which patient should undergo lung transplantation, applying the most updated scientific criteria in this field
	To care for patients who have suffered various complications from lung transplantation
	Use immunosuppressive and prophylaxis treatments in patients who have undergone lung transplantation

05 Where Can I Do the Internship Program?

With the intention of facilitating access and comfort during the hospital stay of each student who decides to take this Internship Program, TECH Technological University has chosen a large number of centers for its realization, located in different geographical locations, which are characterized by having a leading technological equipment in the field of Pulmonology.



Take your Internship Program in a wide range of centers, choosing the one closest to your home"





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



Medicine

Hospital HM Modelo

Country	City
Spain	La Coruña

Address: 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



Medicine

Hospital HM Rosaleda

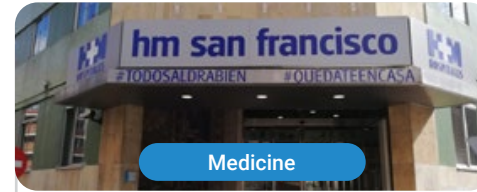
Country	City
Spain	La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

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

Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Medicine

Hospital HM San Francisco

Country	City
Spain	León

Address: 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 Service



Medicine

Hospital HM Regla

Country	City
Spain	León

Address: 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



Medicine

Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Address: 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



Medicine

Hospital HM Madrid

Country	City
Spain	Madrid

Address: 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



Medicine

Hospital HM Montepíncipe

Country	City
Spain	Madrid

Address: Av. de Montepíncipe, 25, 28660, Boadilla del Monte, Madrid

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

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Medicine

Hospital HM Torrelodones

Country	City
Spain	Madrid

Address: 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



Medicine

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: 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



Medicine

Hospital HM Puerta del Sur

Country	City
Spain	Madrid

Address: 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



Medicine

Policlínico HM Arapiles

Country	City
Spain	Madrid

Address: C. de Arapiles, 8, 28015, Madrid

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

Related internship programs:

- Anaesthesiology and Resuscitation
- Pediatric Dentistry



Medicine

Policlínico HM Cruz Verde

Country	City
Spain	Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

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

Related internship programs:

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry





Policlínico HM Gabinete Velázquez

Country	City
Spain	Madrid

Address: C. de Jorge Juan, 19, 1º 28001, 28001, Madrid

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

Related internship programs:

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



Policlínico HM Matogrande

Country	City
Spain	La Coruña

Address: R. Enrique Mariñas Romero, 32G, 2º, 15009, A Coruña

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

Related internship programs:

- Sports Physiotherapy
- Neurodegenerative diseases



Policlínico HM Rosaleda Lalín

Country	City
Spain	Pontevedra

Address: Av. Buenos Aires, 102, 36500, Lalín, Pontevedra

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

Related internship programs:

- Advances in Hematology and Hemotherapy
- Neurological 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.

For this purpose, this educational entity undertakes to take out a liability insurance policy to cover any eventuality that may arise during the stay at the during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the Internship Program 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 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 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. NOT INCLUDED: The Internship Program shall not include any element not described in these 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 in Pulmonology** 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 reflect the grade obtained in the test.

Title: **Internship Program in Pulmonology**

Duration: **3 weeks**

Attendance: **Monday to Friday, shifts of 8 consecutive hours**

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

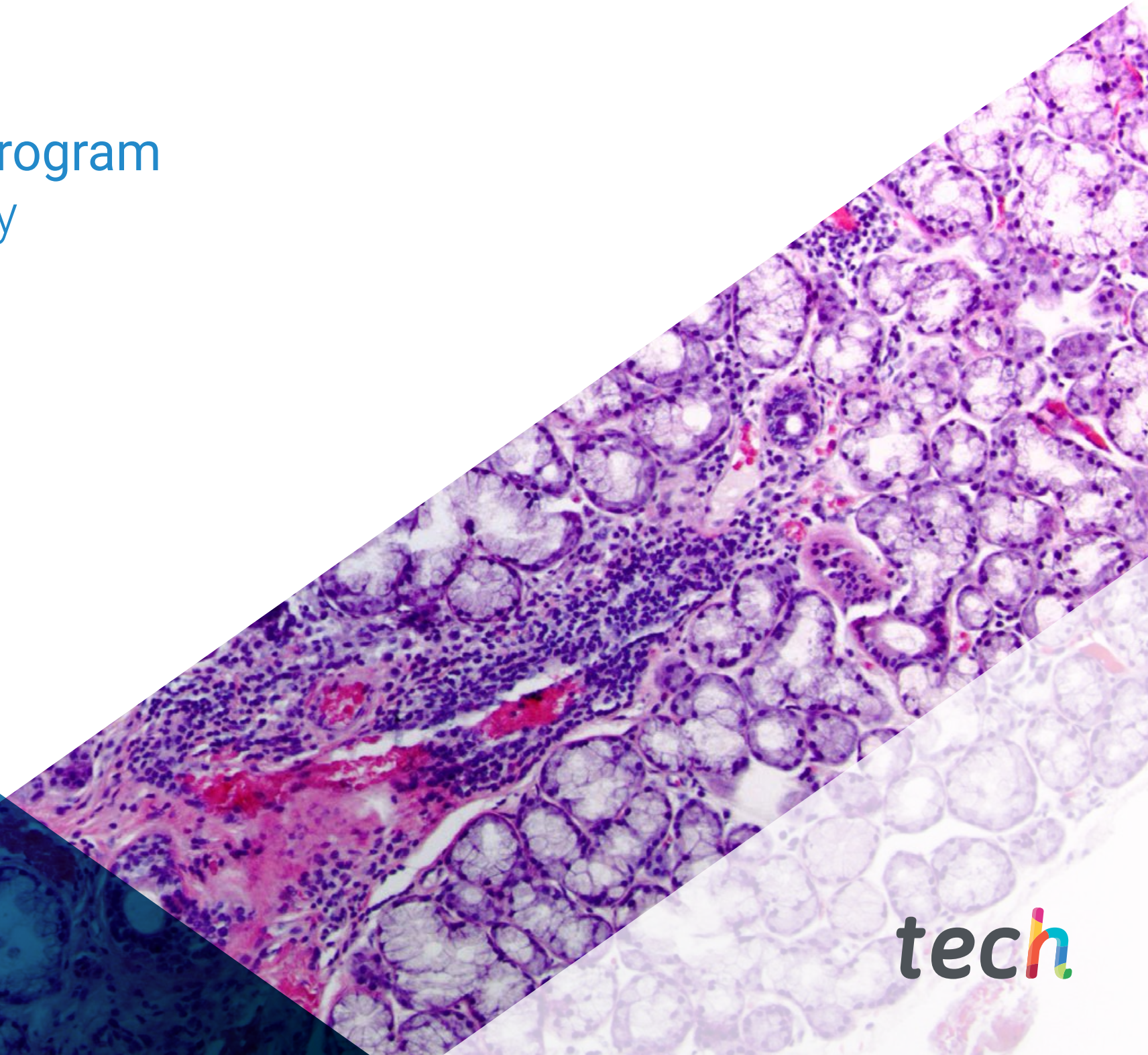


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