

# Postgraduate Diploma

## Respiratory Infections and Tumors





## Postgraduate Diploma Respiratory Infections and Tumors

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-respiratory-infections-tumors](http://www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-respiratory-infections-tumors)

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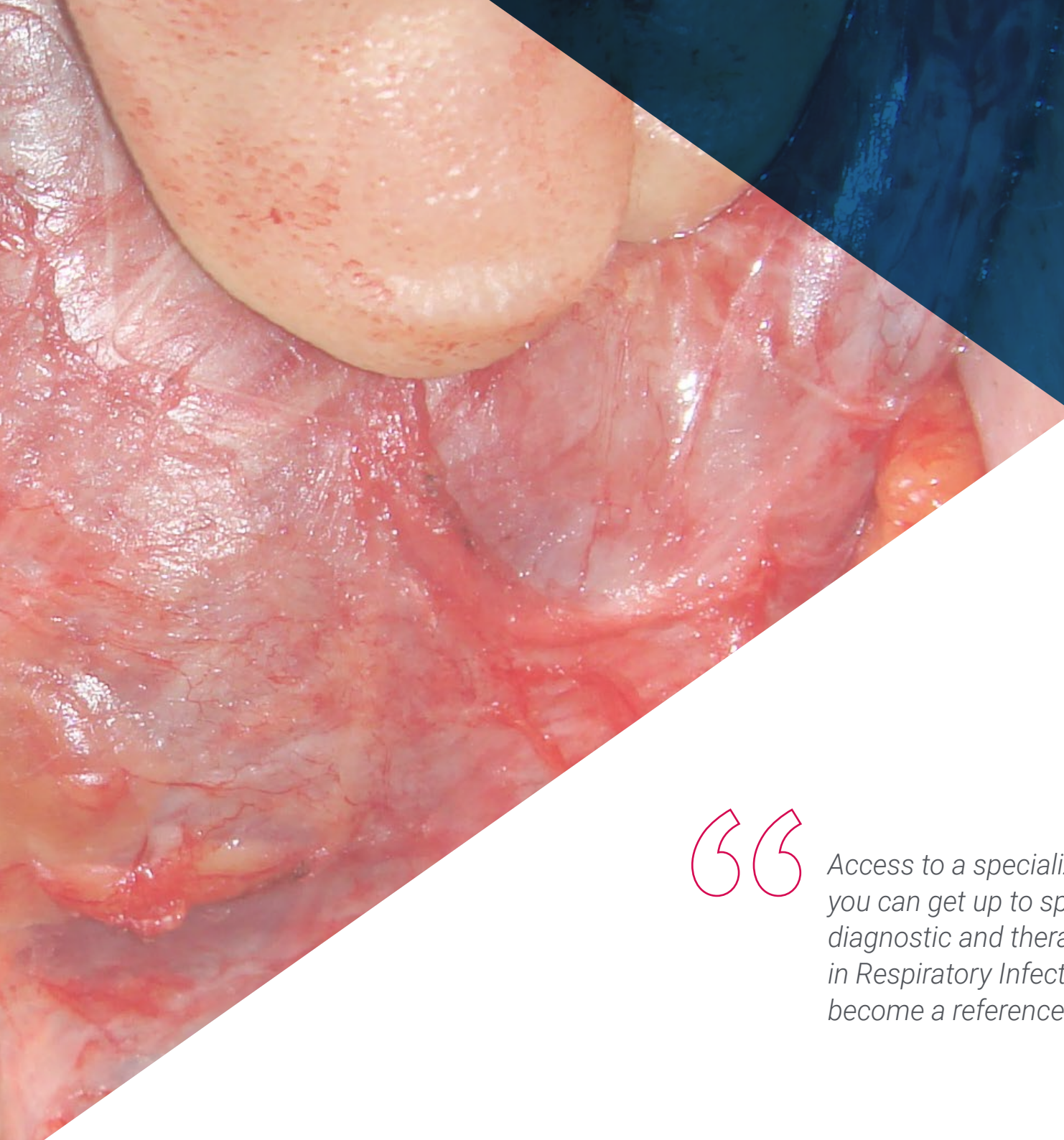
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# 01

# Introduction

Advances in research force pulmonologists and other specialists to constantly update their knowledge in order to be able to treat respiratory infections and tumors more effectively. Moreover, the emergence of new diseases, such as COVID-19, pose a great challenge to the medical and scientific community, so it is important to periodically keep up to date with all the discoveries that emerge. This program is a key tool for all specialists seeking to be more efficient in patient care, through early diagnosis and the most effective treatments. A totally new and relevant qualification for medical specialists.





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*Access to a specialized program where you can get up to speed with the main diagnostic and therapeutic techniques used in Respiratory Infections and Tumors and become a reference in the field”*

Lower respiratory tract infections and pneumonia are among the leading causes of death worldwide, with more than four million deaths per year, particularly affecting low- and middle-income countries. In this regard, pulmonary tuberculosis continues to stand out, for which new molecular diagnostic techniques have been developed to improve management and disease resistance. Likewise, in recent years there has been a resurgence of interest in bronchiectasis not due to cystic fibrosis, with greater detection of this pathology due to advances in computed tomography precision, population aging and higher disease chronicity. Furthermore, the COVID-19 pandemic has been a turning point in infectious pathology, being the greatest challenge the scientific community and the population has faced in the last century. Additionally, diseases affecting the pleura are a very frequent cause of pulmonologist consultation, and therefore pose a daily challenge in clinical practice.

Regarding tumors, lung cancer is one of the most prevalent worldwide and the main cause of death from cancer, given the rise in incidence in recent years. An example of this is that in Spain some 20,000 new cases of lung cancer are diagnosed every year. The role of the pulmonologist in this pathology includes knowledge of risk factors, establishing diagnostic suspicion, as well as diagnosis and staging. It is also important to know both the potential surgical and medical treatment lines (chemotherapy, radiotherapy, immunotherapy) used in each case, from a personalized approach.

Taking into account the importance of all these diseases, TECH Technological University proposes this Postgraduate Diploma in Respiratory Infections and Tumors, where each of them will be addressed in a comprehensive and updated way, including the diagnostic and therapeutic advances made in recent years. And, all of this in a 100% online program, which will give students the advantage of being able to study at their own pace while observing their obligations and interests.

This **Postgraduate Diploma in Respiratory Infections and Tumors** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ Practical cases presented by experts in Pulmonology
- ♦ The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Special emphasis is placed on innovative methodologies in the approach to respiratory infections and tumors
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*COVID-19 infection is the great challenge of the medical community in the last century. Specialize with this program and discover the advances that have been achieved in such a short period of time”*

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*Develop the necessary skills to incorporate new diagnostic and therapeutic techniques for Respiratory Infections into your medical procedures”*

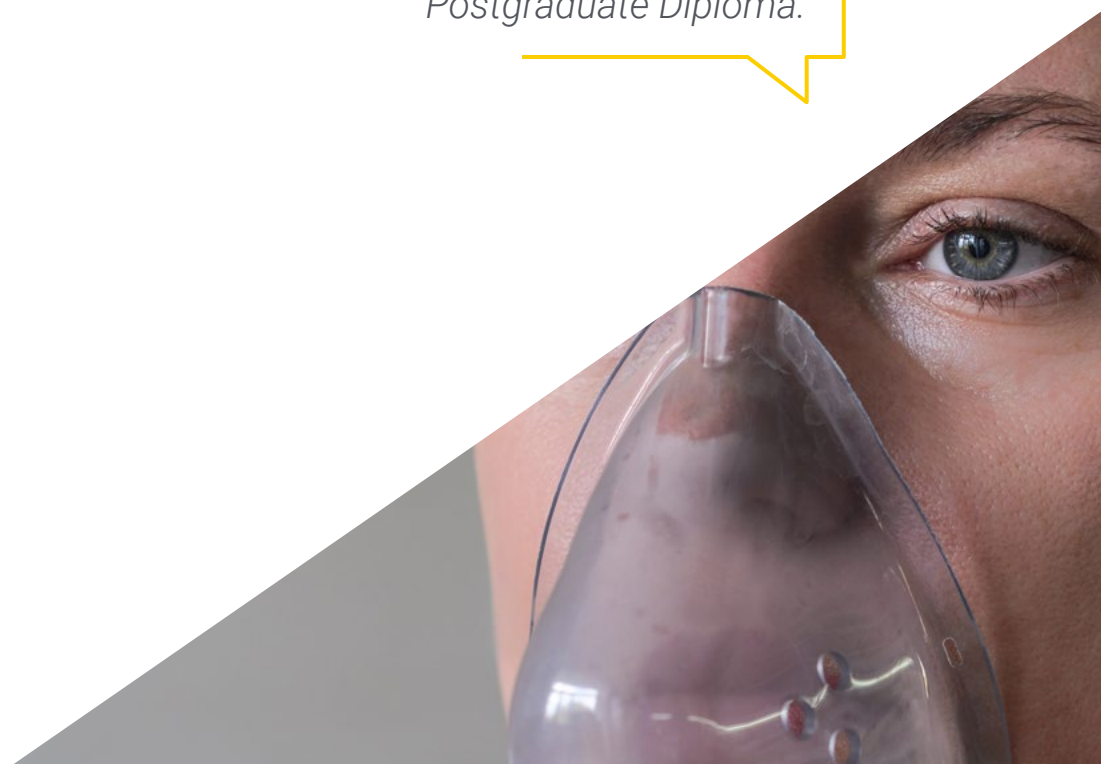
The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*This 100% online program uses the most innovative didactic methodology on the market. Additionally, you will have at your disposal multiple educational resources that will facilitate your learning.*

*It is time for you to adapt to the new advances in Pulmonology. So don't think twice and sign up for this Postgraduate Diploma.*



# 02 Objectives

The main objective of this Postgraduate Diploma in Respiratory Infections and Tumors is to provide first level training to medical specialists. They will be updated on the current challenges faced in the profession, including the emergence of new pathologies and drug resistance. Likewise, they will be trained to perform medical and surgical interventions in patients affected by Respiratory Tumors.





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*Face the current challenges of Respiratory Infections thanks to the specialization proposed by this program on these diseases and the new antimicrobials”*



## General Objectives

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- Provide an update on the latest scientific evidence available in published guidelines, scientific articles and systematic reviews
- Address the fundamental aspects in treating pulmonary pathologies
- Update knowledge of the most frequent pathologies in Pulmonology





## Specific Objectives

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### Module 1. Respiratory Infections and Related Diseases

- ♦ Provide specific knowledge about the advances in infectious diseases and new antimicrobials, as well as other therapies and new diagnostic tests used for a satisfactory response to the current challenges in respiratory infections
- ♦ Develop the necessary skills in adequately identifying and treating the main infectious pathologies affecting the respiratory system, being able to perform a better clinical management of the different diseases
- ♦ Review recently published guidelines, scientific articles and systematic reviews, through a critical lens and from the best scientific evidence available

### Module 2. Pleural and Mediastinal Disease

- ♦ Update knowledge on the different diseases affecting the pleura and mediastinum
- ♦ Delve deeper into the different diagnostic techniques for the study of these pathologies from a practical approach
- ♦ Optimize the therapeutic management of patients with pleural effusion, pneumothorax and mediastinal disease

### Module 3. Bronchopulmonary Neoplasms

- ♦ Provide a global and multidisciplinary perspective on the approach to lung cancer, including epidemiology, etiology, histology, diagnostic and treatment processes
- ♦ Update multidisciplinary issues important to daily clinical practice in lung cancer patients
- ♦ Delve into the latest, ever-changing advances in both the diagnosis and treatment of lung cancer



*Develop the skills necessary to properly manage patients with pleural effusion”*

03

# Course Management

This Postgraduate Diploma in Respiratory Infections and Tumors at TECH Technological University has a first-class teaching staff. Professors with extensive experience in health care and research, who perfectly understand the importance of quality teaching to provide more personalized and effective patient care. For this reason, they have compiled the latest scientific research in this medical area and have developed high-quality teaching materials.





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*A high-level teaching staff, made up of professionals with extensive experience in Pulmonology units at the main hospitals in the country”*

## International Guest Director

Dr. Franck Rahaghi is one of the most prolific international figures in the field of Pneumology. Noted for his leadership in quality and medical care, as well as his commitment to clinical research, he has held several important positions at Cleveland Clinic, Florida. Among them, his roles as Chairman of Quality, Medical Director of the Respiratory Care Department and Director of the Pulmonary Hypertension Clinic are noteworthy.

Thanks to his studies and continuous preparation in this discipline, he has made several contributions in the rehabilitation of patients with various respiratory pathologies. These contributions and permanent academic improvement have allowed him to assume other responsibilities such as the position of Head of the Department of Pulmonary Education and Rehabilitation. In addition, he is a member of the Internal Review Committee, responsible for supervising the correct execution of research and clinical trials (Activated Protein C and IFN gamma-1b) inside and outside the aforementioned health institution.

In his solid preparation, he has established care links with centers of excellence such as the Rockefeller University Hospital in New York, as well as the Internal Medicine programs at the University of Illinois at Chicago and the University of Minnesota. He also studied at the Department of Interventional Pulmonary Pulmonology and Pulmonary Hypertension at the University of California-San Diego. He has also participated in important academic projects as an instructor in Genetic Medicine.

Dr. Rahaghi has authored and co-authored numerous articles published in renowned scientific journals in the medical field. Among the most recent and significant studies he has unveiled are his researches on the impact of COVID-19 on the respiratory health of patients, specifically on its effects in controlling Pulmonary Hypertension.

His other fields of interest include Scleroderma, Sarcoidosis AATD and ILD/IPF. He is also a consulting member of MedEdCenter Incorporated, a non-profit corporation dedicated to providing educational materials focused on pulmonary pathologies. An initiative from where he is committed to promote the education of patients and physicians through new technologies.



## Dr. Rahaghi, Franck

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- Medical Director, Department of Respiratory Care, Cleveland Clinic Hospital, Florida, USA
- Director of the Pulmonary Hypertension Clinic attached to the
- Cleveland Clinic Hospital, Florida, USA
- Doctor of Medicine, University of San Francisco, San Francisco, USA
- Master's Degree in Health Sciences/Administration at UC Berkeley

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*You will have access to a library of multimedia resources 7 days a week, 24 hours a day”*

## Management



### **Dr. Jara Chinarro, Beatriz**

- Acting Chief of the Pulmonology Service Puerta de Hierro University Hospital
- Degree in Medicine and Surgery, Complutense University Madrid
- MIR Pulmonary Specialist
- Specialist in sleep disorders, CEAMS



### **Dr. Ussetti Gil, Piedad**

- Emeritus Advisor in the Pulmonology Department at Puerta de Hierro University Hospital, Majadahonda
- Degree in Medicine and Surgery, Central University of Barcelona
- Specialist in Pulmonology
- Executive Master's Degree in Healthcare Leadership ESADE
- Honorary Professor in the Medicine Department, Autonomous University of Madrid



## Professors

### Dr. Aguado Ibáñez, Silvia

- ♦ Attending Physician in the Pulmonology Department Puerto de Hierro University Hospital, Majadahonda
- ♦ Degree in Medicine and Surgery, University of Alcalá de Henares
- ♦ Master's Degree in Advances in Diagnosis and Treatment of Airway Diseases, Catholic University of Murcia
- ♦ Master's Degree in EPOC, Catholic University of Murcia
- ♦ International Course on Noninvasive Mechanical Ventilation, Neumomadrid
- ♦ Review journal Archivos de Bronconeumología

### Dr. López García Gallo, Cristina

- ♦ Specialist Doctor in Pulmonology, Puerta De Hierro University Hospital
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
- ♦ Master's Degree in Pulmonary Hypertension, Complutense University of Madrid
- ♦ Specialist in Pulmonology
- ♦ Professional Master's Degree in Pleural Pathology, Barcelona University

### Dr. Mínguez Clemente, Patricia

- ♦ Attending Physician in the Pulmonology Service, Puerta De Hierro University Hospital
- ♦ Degree in Medicine and Surgery, Complutense University of Madrid
- ♦ PhD courses and certificate of advanced studies (Research Sufficiency): Everolimus in Lung Transplantation
- ♦ Specialization degree in Bronchiectasis, University of Alcalá de Henares
- ♦ Master's Degree in Advances in Diagnosis and Treatment of Airway Diseases, San Antonio Catholic University

### Dr. Quirós Fernández, Sarai

- ♦ Specialist in the Pulmonology Department, Basurto University Hospital
- ♦ Degree in Medicine and Surgery, University of Alcalá
- ♦ Pulmonology Specialist, Guadalajara General University Hospital
- ♦ Postgraduate Diploma in Bronchiectasis
- ♦ Postgraduate Diploma in Clinical Management of Tuberculosis and Other Mycobacteriosis

### Dr. Calderón Alcalá, Mariara Antonieta

- ♦ Specialist Physician in the Pulmonology Department, Infanta Leonor University Hospital
- ♦ Degree in Medicine, Central University of Venezuela
- ♦ Master's Degree in Chronic Obstructive Pulmonary Disease, Catholic University of Murcia
- ♦ Postgraduate Diploma in Epidemiology and Public Health, Esneca Business School
- ♦ Postgraduate Diploma in Diffuse Interstitial Pulmonary Interstitial Diseases in Systemic Autoimmune Diseases, Complutense University of Madrid

### Dr. Zamarrón de Lucas, Ester

- ♦ Faculty Specialist in Pulmonology Medicine, La Paz University Hospital
- ♦ PhD in Medicine and Surgery, International Honors
- ♦ Master in Integral Chronic Obstructive Pulmonary Disease, Complutense University of Madrid
- ♦ Postgraduate Diploma in the Approach to Pulmonary Hypertension Prostacyclin Treatment, Francisco de Vitoria University
- ♦ Postgraduate Diploma in Emerging and High-Risk Virus Pathology, Universidad Autónoma de Madrid

# 04

## Structure and Content

TECH Technological University offers students a high-level curriculum specific to Respiratory Infections and Tumors. Thanks to it, physicians will be able to update their knowledge with the latest scientific evidence so as to acquire a higher level of competence, which will be essential to provide more personalized patient care, and which will thereby improve successful outcomes. A 100% online program that will be the key to their professional growth.





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*You will be able to identify the risk factors for respiratory infection and offer your patients the keys to prevention”*

## Module 1. Respiratory Infections and Related Diseases

- 1.1. Community-Acquired Pneumonia (CAP)
  - 1.1.1. Epidemiology
  - 1.1.2. Risk factors
  - 1.1.3. Comorbidities and Risks in CAP
  - 1.1.4. Etiology
  - 1.1.5. Clinical Manifestations
  - 1.1.6. Diagnosis
  - 1.1.7. Assess the Severity of CAP
  - 1.1.8. Treatment
  - 1.1.9. Clinical Response
  - 1.1.10. Complications
  - 1.1.11. Prevention: Vaccination
- 1.2. Nosocomial Pneumonia (Hospital-Acquired Pneumonia and Ventilator-Associated Pneumonia)
  - 1.2.1. Pathogenesis
  - 1.2.2. Risk factors
  - 1.2.3. Intrahospital Pneumonia
  - 1.2.4. Ventilator-Associated Pneumonia
  - 1.2.5. Etiology
  - 1.2.6. Diagnosis
  - 1.2.7. Treatment
  - 1.2.8. Preventive Measures
- 1.3. Pulmonary Abscess
  - 1.3.1. Pathogenesis
  - 1.3.2. Differences with Necrotizing Pneumonia
  - 1.3.3. Microbiology
  - 1.3.4. Clinical manifestations
  - 1.3.5. Diagnosis
  - 1.3.6. Differential Diagnosis
  - 1.3.7. Treatment
- 1.4. Coronavirus: COVID-19
  - 1.4.1. The 2019 Pandemic
  - 1.4.2. Epidemiology
  - 1.4.3. Pathogenesis
  - 1.4.4. Clinical Symptoms
  - 1.4.5. Diagnosis
  - 1.4.6. Treatment
  - 1.4.7. Complications
  - 1.4.8. Prevention
    - 1.1.8.1. Hygienic and Social Distancing Measures
    - 1.1.8.2. Vaccines
- 1.5. Non-Cystic Fibrosis Bronchiectasis
  - 1.5.1. Epidemiology and Costs
  - 1.5.2. Pathophysiology
  - 1.5.3. Etiology
  - 1.5.4. Diagnosis
  - 1.5.5. Differential Diagnosis
  - 1.5.6. Microbiology
  - 1.5.7. Severity and Prognostic Factors
  - 1.5.8. Treatment
  - 1.5.9. Monitoring
  - 1.5.10. Consensus Treatment of Inflammatory Breast Cancer (IBC), Chronic Obstructive Pulmonary Disease (COPD) and Bronchiectasis
- 1.6. Cystic fibrosis
  - 1.6.1. Aetiopathogenesis
  - 1.6.2. Epidemiology
  - 1.6.3. Clinical manifestations
  - 1.6.4. Diagnosis

- 1.6.5. Quality of Life Associated with Health
- 1.6.6. Treatment
  - 1.6.6.1. Aggravation
  - 1.6.6.2. Chronic Bronchial Infection
  - 1.6.6.3. Bronchial Inflammation
  - 1.6.6.4. Mucociliary Clearance
  - 1.6.6.5. New Drugs (Conventionally Fractionated Radiation Therapy (CFRT))
- 1.6.7. Rehabilitation
- 1.6.8. Nutritional Treatment
- 1.6.9. Treating Complications
- 1.7. Pulmonary Tuberculosis: Epidemiology, Clinical Practice, Diagnosis, Complications and Prognosis
  - 1.7.1. Epidemiology
  - 1.7.2. Etiology
  - 1.7.3. Pathogenesis and Physiopathology
  - 1.7.4. Clinical Manifestations
  - 1.7.5. Diagnosis: Concept of Infection and Tuberculous Disease
    - 1.7.5.1. Tuberculous Infection
    - 1.7.5.2. Tuberculous Disease
      - 1.7.5.2.1. Clinical-Radiological Diagnosis
      - 1.7.5.2.2. Anatomic-Pathological Diagnosis
      - 1.7.5.2.3. Microbiological Diagnosis
  - 1.7.6. Complications and Prognosis
- 1.8. Pulmonary Tuberculosis: Treatment Chemoprophylaxis
  - 1.8.1. Types of Bacillary Populations
  - 1.8.2. Standard Treatment: Proper Drug Combination Selection
  - 1.8.3. Treatment in Special Situations
    - 1.8.3.1. Immunodeficiencies
    - 1.8.3.2. Pregnancy and Breastfeeding
    - 1.8.3.3. Advanced Chronic Liver Failure
    - 1.8.3.4. Chronic Advanced Kidney Disease

- 1.8.4. Adverse Effects
- 1.8.5. Interrupting the Treatment
- 1.8.6. Resistance
- 1.8.7. Chemoprophylaxis: Latent Tuberculous Infection Treatment
- 1.8.8. Therapeutic Regimens for Treating Multidrug-Resistant or Extensively Drug-Resistant Pulmonary TB
- 1.9. Atypical Mycobacteria
  - 1.9.1. Taxonomy and Epidemiology
  - 1.9.2. Pathogenesis and Host Susceptibility
  - 1.9.3. Clinical Forms
  - 1.9.4. Diagnostic Criteria for Atypical Mycobacterial Disease
  - 1.9.5. Treatment
- 1.10. Pulmonary Aspergillosis and Other Mycoses
  - 1.10.1. Pulmonary Aspergillosis
  - 1.10.2. Candidiasis Broncopulmonar
  - 1.10.3. Cryptococcosis
  - 1.10.4. Mucormycosis
  - 1.10.5. Pneumocystis

## Module 2. Pleural and Mediastinal Disease

- 2.1. Pleura
  - 2.1.1. Anatomy
  - 2.1.2. Histology
- 2.2. Pleura Physiopathology
  - 2.2.1. Pleural Position
  - 2.2.2. Pleural Fluid Formation
  - 2.2.3. Pleural Fluid Absorption

- 2.3. Definition and Epidemiology of Pleural Diseases
  - 2.3.1. Pleural Effusion
  - 2.3.2. Hemothorax
  - 2.3.3. Chylothorax.
  - 2.3.4. Pneumothorax
  - 2.3.5. Solid Pleural Pathology
- 2.4. Clinical Diagnosis of Pleural Pathology
  - 2.4.1. Symptoms
  - 2.4.2. Physical Exploration
- 2.5. Diagnostic Imaging of Pleural Pathology
  - 2.5.1. Chest X-ray
  - 2.5.2. Chest CT Scan
  - 2.5.3. Thoracic Ultrasound Scan
- 2.6. Invasive Diagnostic Techniques for Pleural Effusion
  - 2.6.1. Diagnostic Thoracentesis
  - 2.6.2. Closed Pleural Biopsy
  - 2.6.3. Medical Thoracoscopy
- 2.7. Solid Pleural Pathology
  - 2.7.1. Pleural Fibrous Tumor
  - 2.7.2. Pleural Pathology Caused by Asbestos
  - 2.7.3. Mesothelioma
  - 2.7.4. Metastatic Cancer
- 2.8. Pleural Effusion Patient Management
  - 2.8.1. Diagnostic Approximation
  - 2.8.2. Etiological Diagnosis
  - 2.8.3. Treatment
- 2.9. Pneumothorax Patient Management
  - 2.9.1. Classification
  - 2.9.2. Diagnosis
  - 2.9.3. Treatment

- 2.10. Mediastinal Diseases
  - 2.10.1. Anatomy
  - 2.10.2. Epidemiology
  - 2.10.3. Mediastinitis
  - 2.10.4. Mediastinal Tumors
  - 2.10.5. Diagnostic Approach to Mediastinal Masses

### Module 3. Bronchopulmonary Neoplasms

- 3.1. Epidemiology
  - 3.1.1. Lung Cancer Incidence and Prognosis
  - 3.1.2. Risk Factors: Tobacco, Occupations, Other Carcinogens
  - 3.1.3. Screening
- 3.2. Solitary Pulmonary Nodule
  - 3.2.1. Etiology
  - 3.2.2. Factors Associated with Malignancy
    - 3.2.2.1. Malignancy Estimate
    - 3.2.2.2. Sequential Evaluation: Management Algorithm
- 3.3. Classification
  - 3.3.1. Histological Subtypes
    - 3.3.1.1. Non-Small Cell: Adenocarcinoma, Epidermoid, Large Cell
    - 3.3.1.2. Small Cell
  - 3.3.2. Biomarkers of Diagnostic and Therapeutic Value
- 3.4. Diagnosis
  - 3.4.1. Symptoms and Signs
    - 3.4.1.1. Paraneoplastic Syndromes
  - 3.4.2. Radiodiagnostics
  - 3.4.3. Invasive Diagnostic Methods



- 3.5. Staging
  - 3.5.1. General Aspects
  - 3.5.2. TNM Classification, 8th Edition
- 3.6. Multidisciplinary Evaluation of Therapeutic Approaches
  - 3.6.1. Operability Criteria
  - 3.6.2. Resectability Criteria
    - 3.6.2.1. Resectable
    - 3.6.2.2. Unresectable
    - 3.6.2.3. Potentially Resectable
- 3.7. Treatment in Initial Stages
  - 3.7.1. Surgical Management
    - 3.7.1.1. Lobectomy Plus Lymphadenectomy
    - 3.7.1.2. Pneumonectomy
    - 3.7.1.3. Atypical Resections
  - 3.7.2. Adjuvant
- 3.8. Local Advanced Disease Treatment
  - 3.8.1. Neoadjuvant
  - 3.8.2. Radical Chemoradiotherapy Treatment
- 3.9. Advanced Disease
  - 3.9.1. Oligometastatic Disease
  - 3.9.2. Chemotherapy
  - 3.9.3. Immunotherapy
  - 3.9.4. Targeted Treatments
- 3.10. Support Treatments
  - 3.10.1. Radiotherapy
  - 3.10.2. Airway-Related Complication Management: Dyspnea, Superior Vena Cava Syndrome, Hemoptysis, Endobronchial Resection
  - 3.10.3. Other complications

# 05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvás, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.



*Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

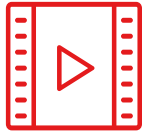
*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

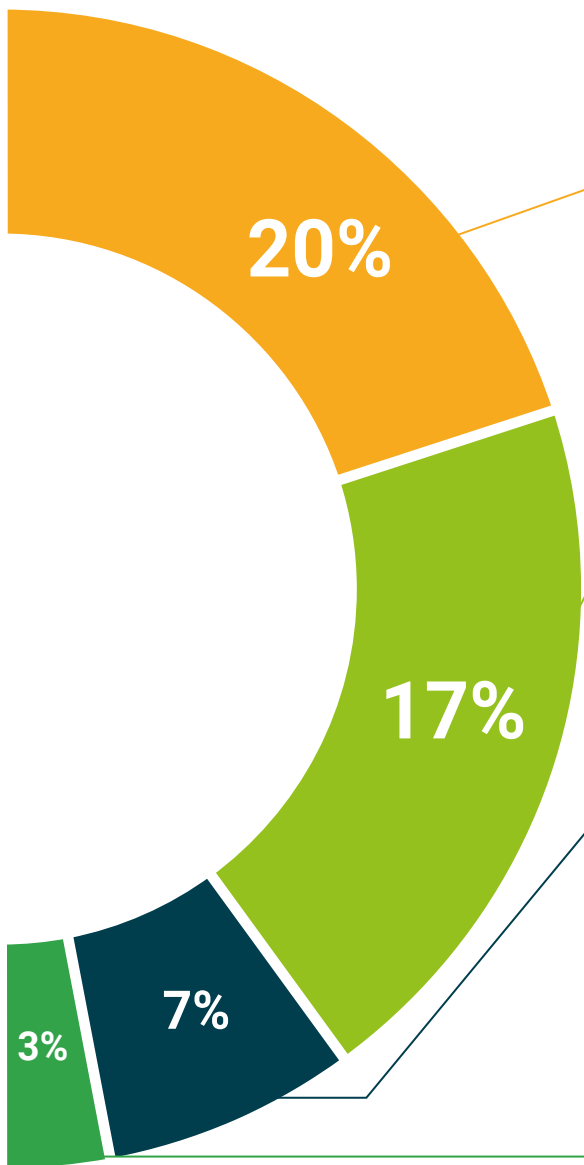
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



#### Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



# 06 Certificate

The Postgraduate Diploma in Respiratory Infections and Tumors guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.







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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Postgraduate Diploma in Respiratory Infections and Tumors** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional from career evaluation committees.

Title: **Postgraduate Diploma in Respiratory Infections and Tumors**

Official N° of Hours: **450 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
online training  
development language  
virtual classroom



## Postgraduate Diploma Respiratory Infections and Tumors

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Diploma

## Respiratory Infections and Tumors

