



Postgraduate Certificate

Sublobular Lung Resections

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Accreditation: 6 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/sublobular-lung-resections

Index

02 Introduction to the Program Why Study at TECH? p. 4 p. 8 05 03 Syllabus **Teaching Objectives** Study Methodology p. 16 p. 12 p. 20 06 **Teaching Staff** Certificate p. 30 p. 36





tech 06 | Introduction

Sublobar Lung Resections currently play a fundamental role as key surgical interventions in the treatment of localized lung diseases, such as Peripheral Tumors, which require a precise and minimal surgical approach. In this way, these techniques allow the removal of small portions of the lung, maintaining the patient's respiratory function and improving postoperative recovery.

In this context, TECH has designed this Postgraduate Certificate, a program specializing in Sublobar Lung Resections, aimed at teaching professionals the most advanced and efficient aspects of this procedure. Using a comprehensive and specialized approach, a wide range of essential topics will be covered, including preoperative planning, surgical techniques used, intraoperative management and postoperative management of patients. In addition, it will delve into video-assisted surgery, the use of advanced technology in lung resection and the optimization of postoperative care, ensuring that physicians are up to date with the latest innovations in this field.

Mastering these advanced techniques will open up numerous professional career opportunities in a growing sector, as specialists in Sublobar Lung Resections are in high demand. In short, graduates will be able to excel in their clinical practice, take on leadership roles in surgical teams and improve their professional profile in high-level healthcare institutions. In addition, the skills acquired will facilitate access to new job opportunities, increasing competitiveness in the international market.

TECH offers this program in a 100% online modality, which will allow students to train at their own pace without interfering with their professional commitments. In addition, they will have continuous access to multimedia materials, available 24 hours a day from any electronic device, providing them with a flexible and accessible educational experience. This will be complemented by the Relearning methodology, which reinforces knowledge by repeating key concepts, guaranteeing the effective assimilation of the content.

This **Postgraduate Certificate in Sublobular Lung Resections** contains the most complete and up-to-date educational program on the market. Its most notable features are:

- The development of case studies presented by experts with a deep knowledge of Sublobular Lung Resections
- The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- Practical exercises where the process of self-assessment can be used to improve learning
- Its special emphasis on innovative methodologies
- 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



TECH offers you a completely online program so that you can learn at your own pace, with the flexibility you need. Benefit from the Relearning methodology to master the most advanced techniques and excel in the surgical field"



You will master Sublobar Lung Resections with the support of the best experts! You will master the latest surgical techniques and receive a practical approach to apply them successfully. Transform your career!"

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 education programmed to prepare for 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 course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Do you want to improve your surgical skills? In this Postgraduate Certificate you will master everything from preoperative planning to postoperative management, using up-to-date materials and the Relearning methodology.

Take your surgical skills to the next level with TECH! Here you will master advanced techniques in Sublobar Lung Resections, guided by a completely up-to-date and innovative syllabus.







tech 10 | Why Study at TECH?

The world's best online university according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the world's best online university". This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method aimed at educating the professionals of the future"

A world-class teaching staff

TECH's teaching staff is made up of more than 6,000 professors with the highest international recognition. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest online educational catalog, one hundred percent online and covering the vast majority of areas of knowledge. We offer a large selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university degrees, in eleven different languages, make us the largest educational largest in the world.









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The most complete study plans on the university scene

TECH offers the most complete study plans on the university scene, with syllabuses that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously being updated to guarantee students the academic vanguard and the most in-demand professional skills. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use *Relearning* in all its programs. It is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this disruptive educational model is complemented with the "Case Method", thereby setting up a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

Leaders in employability

TECH has managed to become the leading university in employability. 99% of its students obtain jobs in the academic field they have studied, within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.









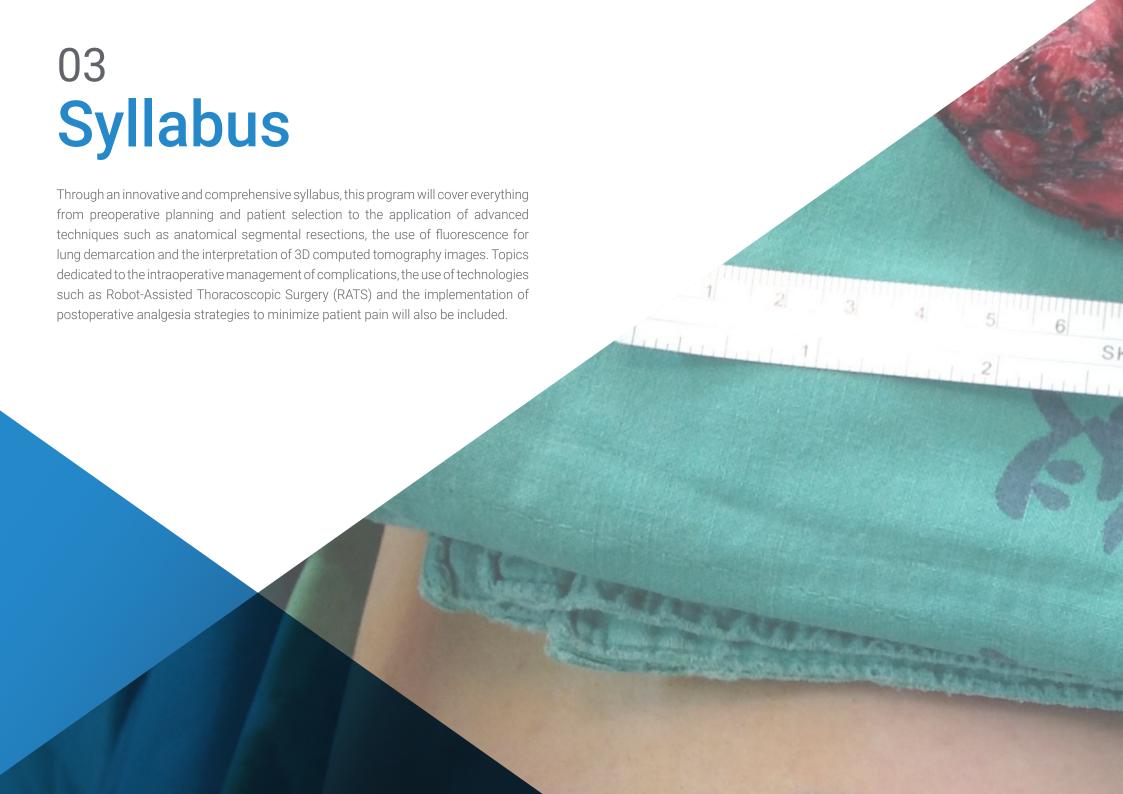


Google Premier Partner

The American technology giant has awarded to TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition as a Google Premier Partner not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.

The top-rated university by its students

Students have positioned TECH as the world's toprated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.

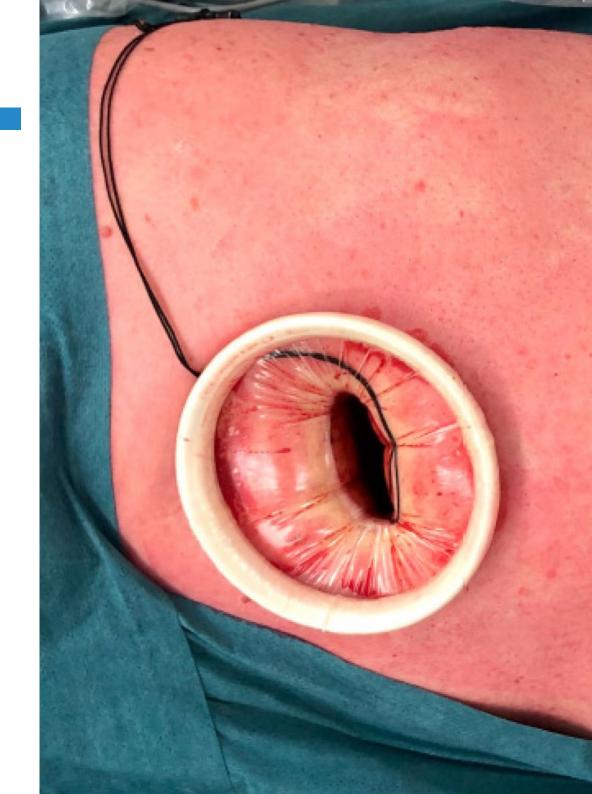




tech 14 | Syllabus

Module 1. Sublobular Lung Resections

- 1.1. Sublobar Lung Resections for the Treatment of Lung Cancer
 - 1.1.1. Sublobar Resections for Functional Impairment
 - 1.1.2. Elective Sublobar Resections
 - 1.1.3. Lymphadenectomy
- 1.2. Lung Sublobar Resections for Lung Metastases and Other Tumors
 - 1.2.1. Surgical Treatment of Lung Metastases
 - 1.2.2. Surgical Treatment of Neuroendocrine Neoplasms
 - 1.3.3. Surgical Treatment of Other Diseases by Sublobar Resection
- 1.4. Transegmentary Resections
 - 1.4.1. Anatomical Principles
 - 1.4.2. Surgical Technique Using VATS Approach
 - 1.4.3. Complications and Postoperative Results
- 1.4. Anatomical Sublobar Resections of the Right Upper Lobe
 - 1.4.1. Right Apical Segmentectomy (S1)
 - 1.4.2. Right Posterior Segmentectomy (S2)
 - 1.4.3. Right Anterior Segmentectomy (S3)
- 1.5. Anatomical Sublobar Resections of the Middle Lobe
 - 1.5.1. Potential Indications
 - 1.5.2. Lateral Segmentectomy (S4)
 - 1.5.3. Medial Segmentectomy (S5)
- 1.6. Anatomical Sublobar Resections of the Right Lower Lobe
 - 1.6.1. Right S6 Segmentectomy
 - 1.6.2. Anteromedial Basal Bisegmentectomy (S7+S8)
 - 1.6.3. Lateroposterior Basal Bisegmentectomy (S9+S10)
- 1.7. Anatomical Sublobar Resections of the Left Upper Lobe
 - 1.7.1. Left Apicoposterior Bisegmentectomy (S1+2)
 - 1.7.2. Left Anterior Segmentectomy (S3)
 - 1.7.3. Left Upper Lobe Trisegmentectomy (S1+2+ S3). Lingulectomy (S4+ S5)
- 1.8. Anatomical Sublobar Resections of the Left Lower Lobe
 - 1.8.1. Left S6 Segmentectomy
 - 1.8.2. Anterior Basal Segmentectomy (S8)
 - 1.8.3. Lateroposterior Basal Bisegmentectomy (S9+S10)







- 1.9.1. Potential Indications
- 1.9.2. Bisegmentectomy S1+S3
- 1.9.3. Bisegmentectomy S6+S10
- 1.10. Management of Intraoperative Complications
 - 1.10.1. Incorrect Interpretation of Segmental Anatomy
 - 1.10.2. Bleeding and Bronchial Lesions
 - 1.10.3. Complications After Pulmonary Re-expansion



From the comfort of your own home and with 100% online methodology, you will master everything related to Sublobar Lung Resections. Make the most of this unique opportunity!"





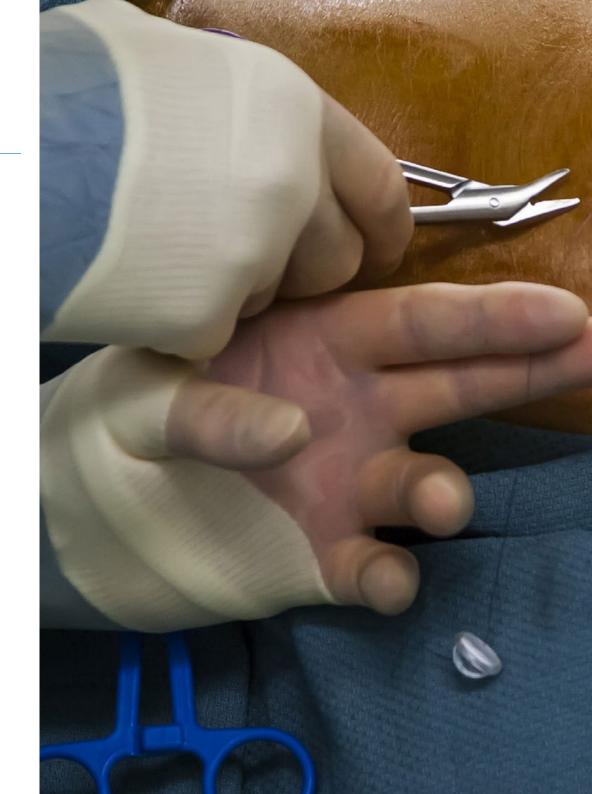


tech 18 | Teaching Objectives



General Objectives

- Master minimally invasive sublobar lung resection techniques
- Acquire skills in the selection and assessment of patients for VATS
- Optimize the surgical management of postoperative complications
- Develop skills in the preoperative planning of lung resections
- Improve the interpretation of diagnostic images for surgical decisions
- Apply the principles of modern thoracic surgery in sublobar procedures
- Implement advanced strategies for postoperative pain control
- Encourage continuous updating on advances and technologies in thoracic surgery





Teaching Objectives | 19 **tech**



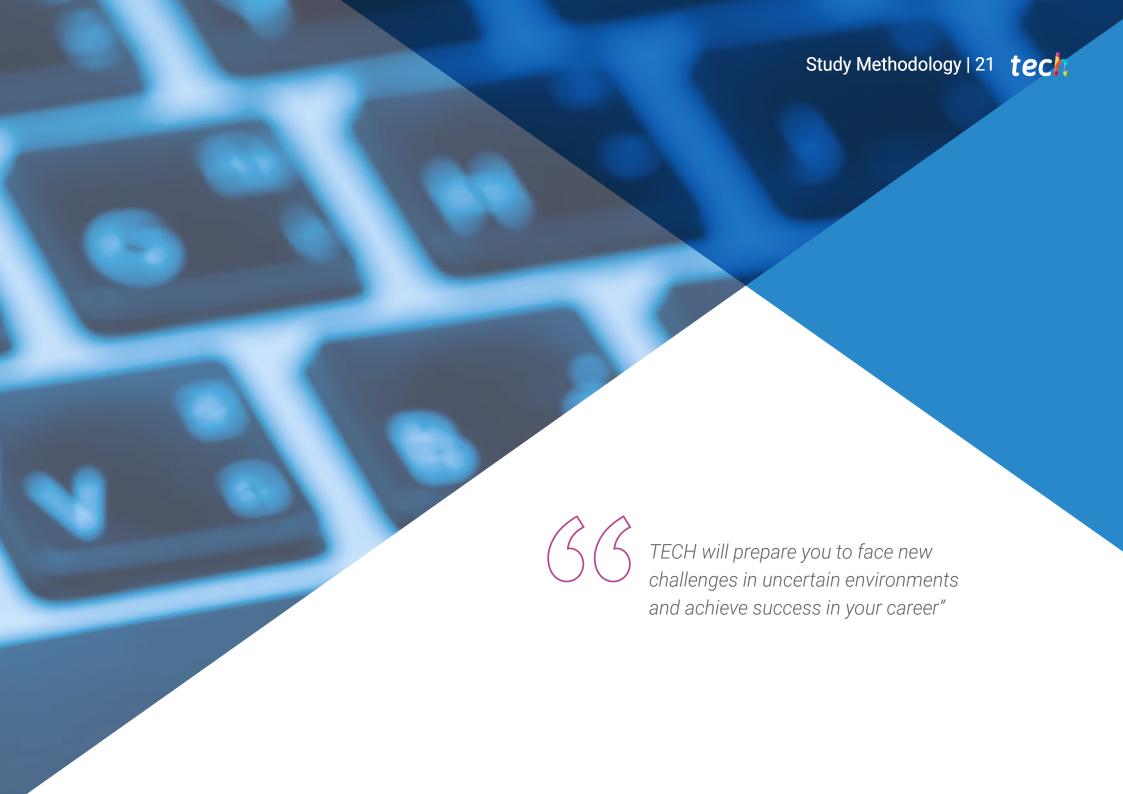
Specific Objectives

- Carry out sublobar resections in the treatment of early-stage lung cancer, lung metastases and other thoracic neoplasms
- Perform VATS transegmentary resections correctly, mastering the key anatomical and surgical aspects to preserve functional lung tissue
- Perform VATS anatomical segmentectomies with precision in each of the pulmonary lobes, adapting the technique to the most common anatomical variants
- Develop strategies for the combination of anatomical sublobar resection techniques, being able to tackle tumors that involve more than one segment or lobe



TECH's comprehensive syllabus and online modality offer you the convenience and excellence you need to advance your career, while transforming the way you acquire knowledge"



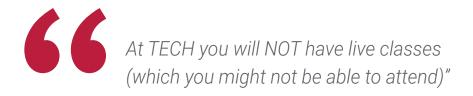


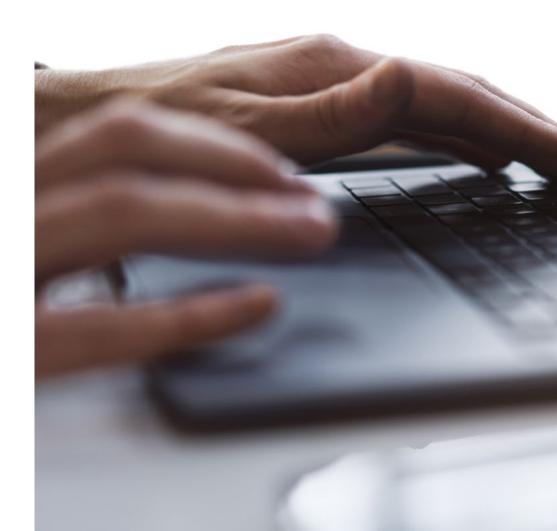
The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.







The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.



TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want"

tech 24 | Study Methodology

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.





A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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 assess 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.

Study Methodology | 27 tech

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.

As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

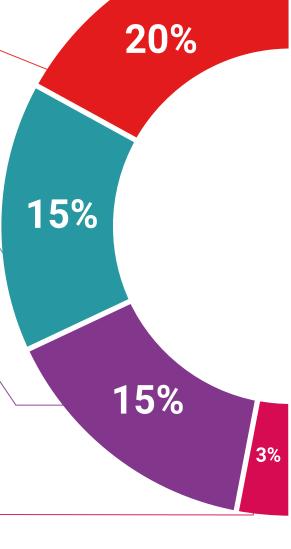
You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

We present 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, international guides... In our virtual library you will have access to everything you need to complete your education.

Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Testing & Retesting



We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.

Classes



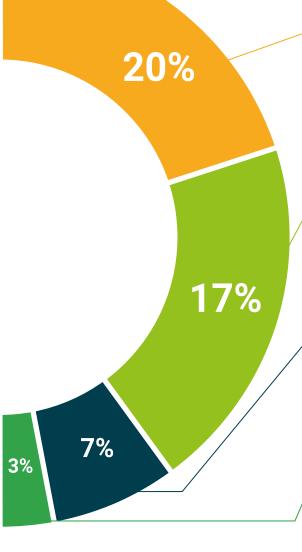
There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence for 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.







tech 32 | Teaching Staff

Management



Dr. Martínez Hernández, Néstor J.

- President of the Scientific Advisory Office of the Spanish Society of Thoracic Surgery (SECT)
- Coordinator of the Scientific Committee of the Spanish Society of Thoracic Surgery
- Thoracic Surgeon at the University Hospital La Ribera
- Thoracic Surgeon Editor of Cirugía Española in Elsevier
- Guest Editor at the Journal of Visualized Experiments
- Associate Professor at the Department of Respiratory Medicine, Faculty of Medicine, Catholic University of Valencia
- Thoracic Surgeon at the Manises Hospital
- Visiting Physician at Cedars-Sinai Medical Center
- Resident Medical Intern at the General University Hospital of Valencia
- Visiting Physician at Mount Sinai Hospital, New York, United States
- Visiting Physician at Yale New Haven Hospital, United States
- Doctor of Medicine and Surgery from the University of Valencia
- Degree in Medicine and Surgery from the University of Valencia
- Specialist in Thoracic Surgery
- Extraordinary Doctorate Award from the University of Valencia
- Antonio Caralps y Masso Award of the SECT for the Best Communication in Thoracic Surgery
- First Prize of IX Edition to the Best Specialist in Training at the Gregorio Marañón General University Hospital
- Member of: European Society for Thoracic Surgery (ESTS), Spanish Society of Thoracic Surgery (SECT), Spanish Society of Pulmonology and Thoracic Surgery (SEPAR), Valencian Society of Pulmonology (SVN)



Dr. Quero Valenzuela, Florencio

- Chief of the Thoracic Surgery Department at the Virgen de las Nieves University Hospital
- Specialist Physician in Thoracic Surgery at the Virgen de las Nieves University Hospita
- Specialist Physician in Thoracic Surgery at the Virgen Macarena University Hospital
- Member of the Ae22-Cancer Genetics, Biomarkers and Experimental Therapies Research Group
- Doctor of Surgery from the University of Granada
- Master's Degree in Clinical Unit Management from the University of Murcia
- Expert in Epidemiology and Clinical Research from the University of Granada
- Bachelor's Degree in Medicine and Surgery from the University of Granada

tech 34 | Teaching Staff

Professors

Dr. Figueroa Almánzar, Santiago

- Vice-President of the Teaching Commission in the Clínico-Malvarrosa Health Department
- Coordinator of the Teaching and Continuing Education Committee of the Spanish Society of Thoracic Surgery
- Specialist Physician in Thoracic Surgery at the General University Hospital of Valencia
- Resident Physician in Thoracic Surgery at the General University Hospital of Valencia
- International VATS Training Program at the Pulmonary Hospital of Shanghai, China
- Specialty in Thoracic Surgery at the Yale Cancer Center, United States
- Master's Degree in Clinical Unit Management from the University of Murcia
- Bachelor's Degree in Medicine from the University of Valladolid
- Member of: Spanish Society of Thoracic Surgery

Dr. Trujillo Sánchez, María

- Specialist Physician in Thoracic Surgery at the Clinical University Hospital of Valencia
- Specialist Physician in Thoracic Surgery at the La Fe University Hospital
- Specialist Physician in Thoracic Surgery at the Puerta de Hierro University Hospital
- Specialty in Thoracic Surgery from the Memorial Sloan Kettering Cancer Center (MSK),
 New York
- Specialty in Thoracic Surgery from the Toronto General Hospital, Canada
- Resident in Thoracic Surgery at the 12 de Octubre University Hospital
- Degree in Medicine from the University of Navarra
- Member of: Spanish Society of Thoracic Surgery (SECT), Spanish Society of Pulmonology and Thoracic Surgery (SEPAR), Spanish Lung Cancer Group (GECP), European Society of Thoracic Surgeons (ESTS)







Take this opportunity to learn about the latest advances in this field in order to apply it to your daily practice"





tech 38 | Certificate

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Sublobular Lung Resections** 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: Postgraduate Certificate in Sublobular Lung Resections

Modality: online

Duration: 6 weeks

Accreditation: 6 ECTS



Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Sublobular Lung Resections

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



health confidence people
leducation information tutors
guarantee accreditation teaching
institutions technology learning
community commitment



Postgraduate Certificate Sublobular Lung Resections

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- » Exams: online

