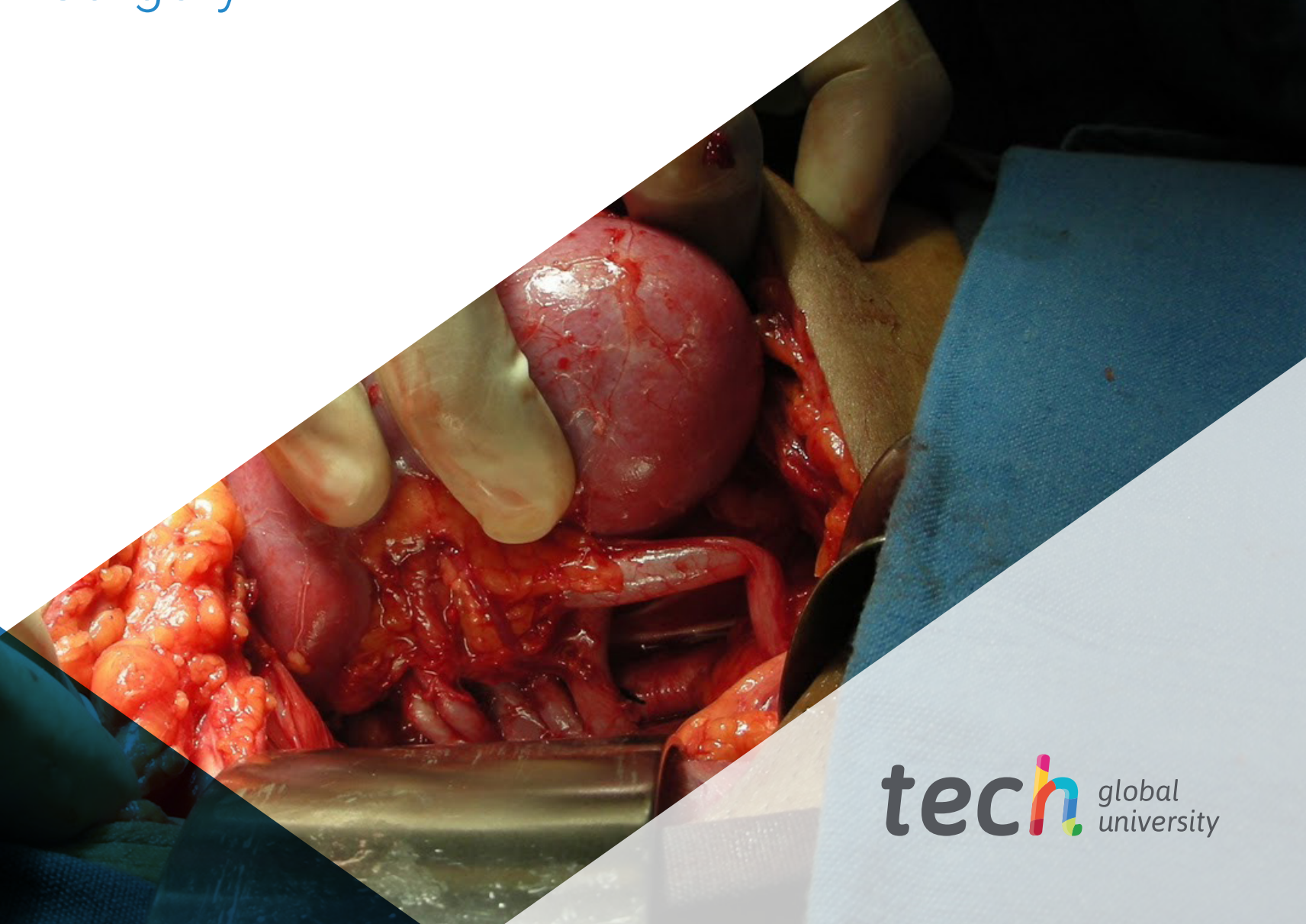


Postgraduate Certificate Renovascular Surgery





Postgraduate Certificate Renovascular Surgery

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-certificate/renovascular-surgery

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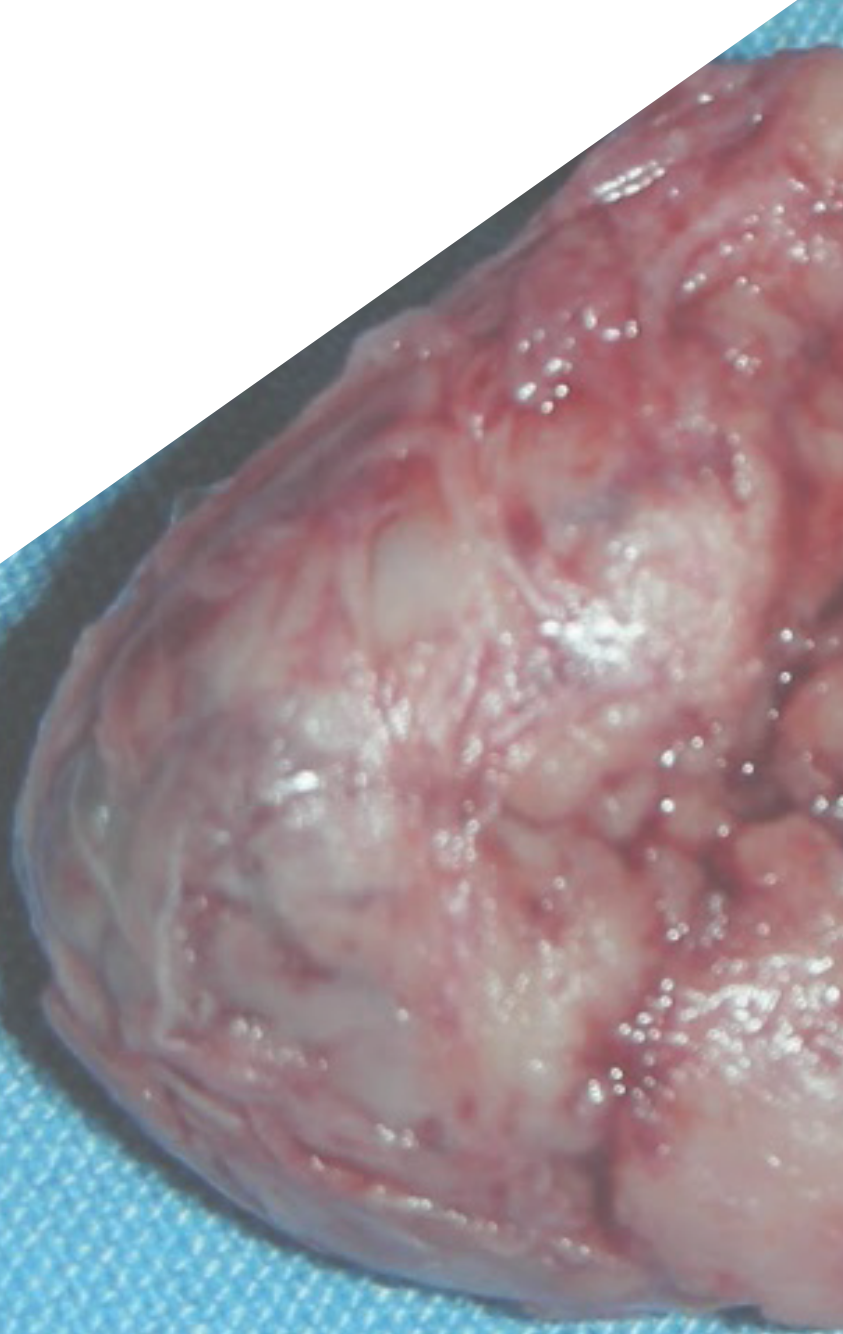
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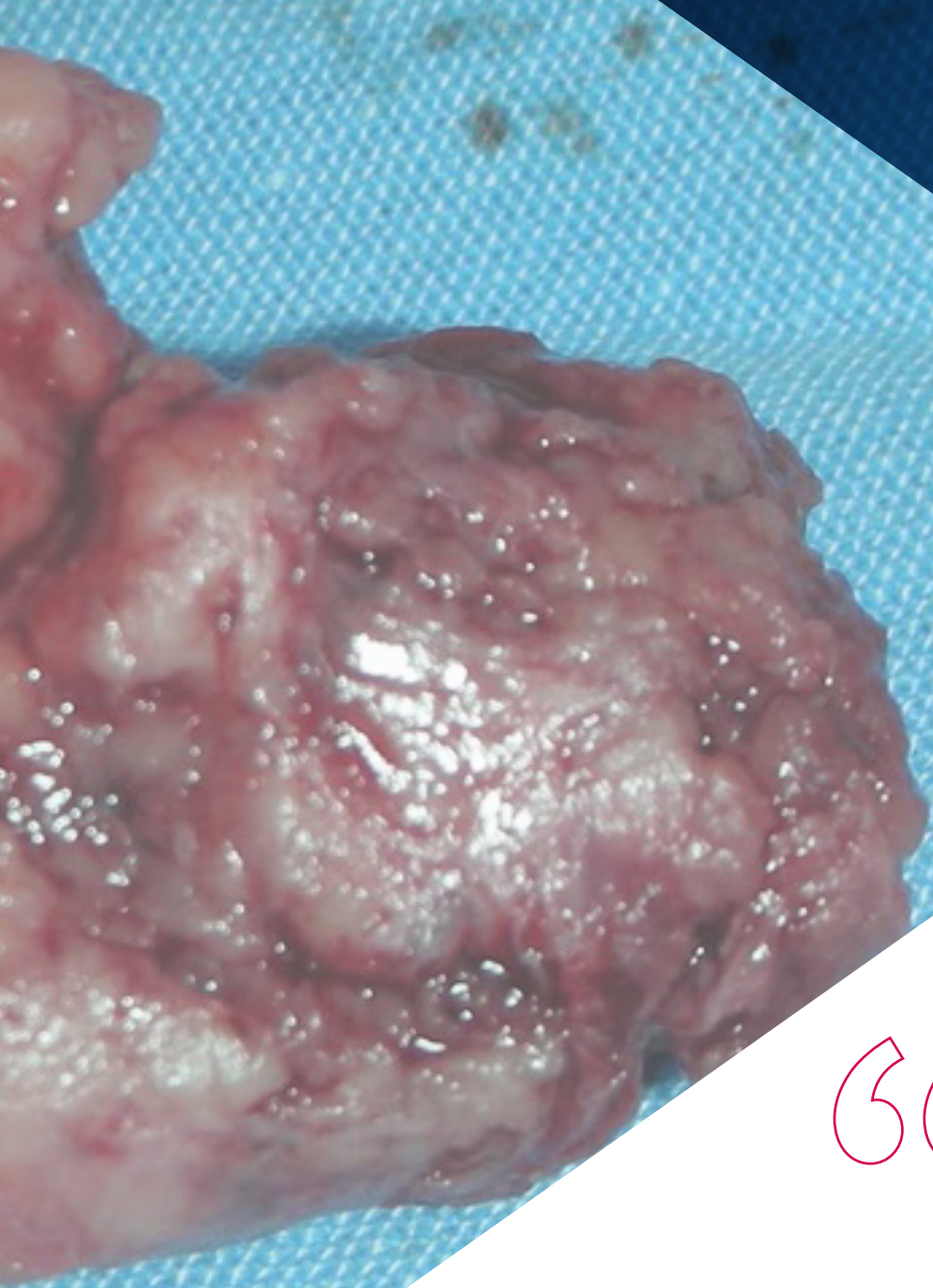
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01

Introduction

Surgical procedures in vascular surgery continue to evolve constantly. The advances achieved require specialists to remain consistently updated in order to provide quality care to patients. This Postgraduate Certificate facilitates the professional's update in the approach to Renovascular Surgery, in a practical manner, through the latest educational technology, adapting to their needs.





“

New scenarios push us to propose new specialization programs that align with the real needs of professionals, enabling them to incorporate the advancements being made in the approach to Renovascular Surgery into daily surgical practice”

Renal vascular surgical pathology is rare but not without interest. It can cause problems such as treatment-resistant hypertension, and in some cases, it presents a significant risk to the patient's life. Surgical techniques primarily aim at correcting stenoses and aneurysms of the main or secondary renal arteries.

The continuous update of the specialist doctor is essential to provide high-quality care that guarantees patient safety and improves prognosis.

In this Postgraduate Certificate, all advancements in Renovascular Surgery are exhaustively and up-to-date reviewed. It enumerates and explains the latest trends in iatrogenic pathology secondary to renal surgery for tumors (partial nephrectomies) or for lithiasis (percutaneous nephrolithotomy).

This **Postgraduate Certificate in Renovascular Surgery** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Development of clinical cases, presented by specialists in urological surgery and other specialties. The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Update on Surgical Procedures in Renal Revascularization
- ♦ Diagnostic and therapeutic techniques for vascular pathology associated with the kidney
- ♦ Algorithm-based interactive learning system for decision-making in the presented clinical situations
- ♦ All this will be complemented by 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



Through the latest educational technology, you will be able to learn about the latest advancements in Renovascular Surgery”

“

This Postgraduate Certificate could be the best investment you can make when selecting a professional development program for two reasons: in addition to updating your knowledge in Renovascular Surgery, you will receive a certification issued by TECH Global University”

The teaching staff includes a team of leading urologists, who share their work experience in this specialization, in addition to renowned specialists in other medical areas.

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

Problem-Based Learning underpins this program design, and the specialist must use it to try and solve the different professional practice situations that arise throughout the Postgraduate Certificate. For this purpose, he will be assisted by an innovative interactive video system developed by renowned experts with extensive teaching experience in the field of urological surgery.

Incorporate the latest advancements in the management of Renovascular Surgery into your surgical practice and improve your patients' prognosis.

It includes clinical cases and real images in high definition to bring clinical practice as close as possible to the development of the program.



02 Objectives

The main objective is to enable the integration of ongoing advancements in surgical techniques for kidney vascular pathology, ensuring that specialists can update their knowledge in a practical way, using the latest educational technology and adapting the learning process to their real needs.



“

This refresher program will provide you with the skills to act safely in decision-making in the surgical process, and will help you to grow professionally”



General Objective

- Update the specialist doctor on surgical procedures for renal vascular pathology, with a particular focus on iatrogenic hemorrhagic complications

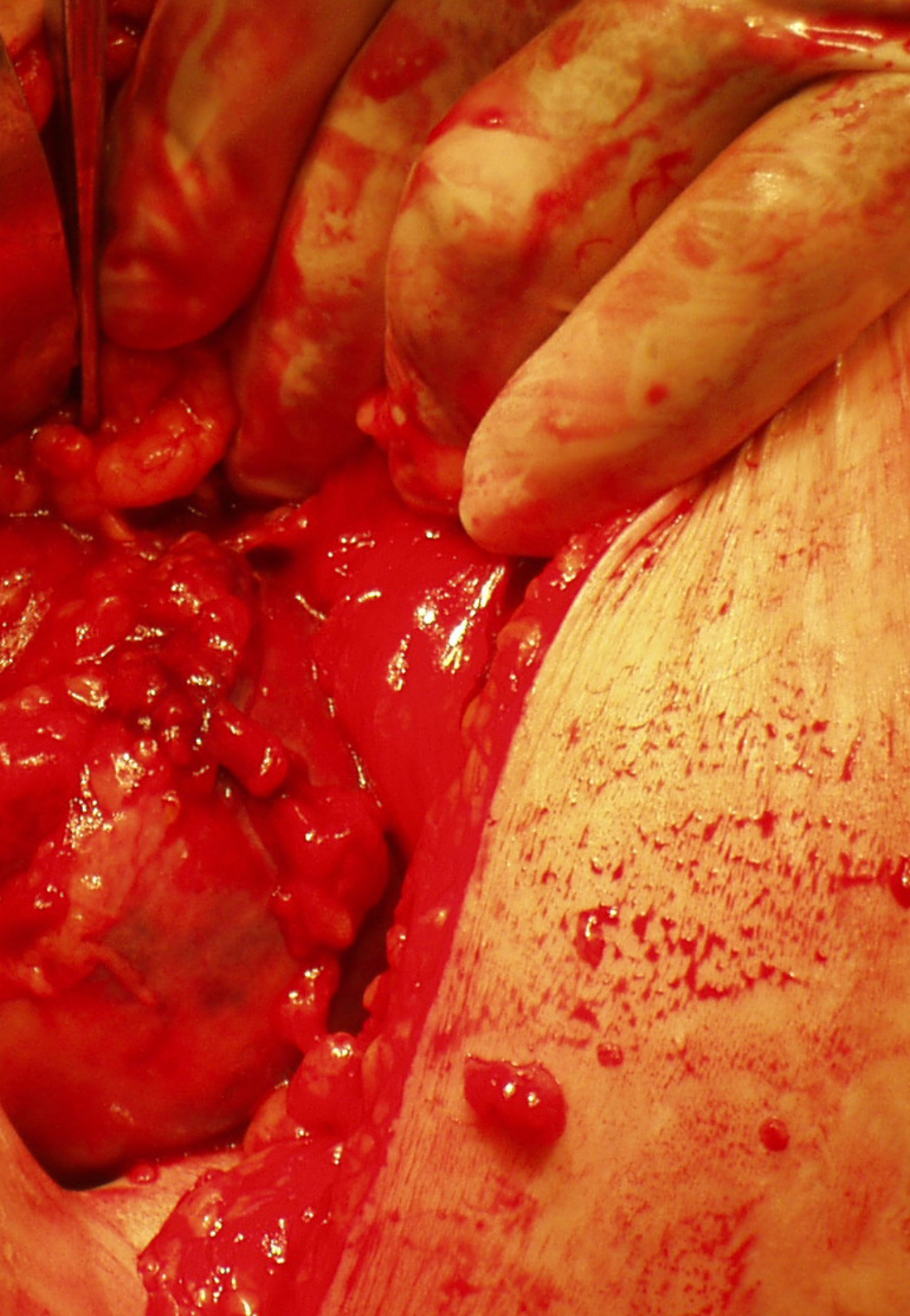


Specific Objectives

- Update techniques for correcting stenosis of the main and secondary renal vascular tree
- Update techniques for correcting aneurysms of the renal artery and its branches
- Identify renal injuries secondary to surgical procedures and their correction through percutaneous techniques



*Make the most of the opportunity
and take the step to update
yourself on the most important
aspects of Renovascular Surgery.*



03

Course Management

The creation of the materials has been carried out by a team of reference professionals in the field of Renovascular Surgery, who practice their professional activity at prestigious hospital centers. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



“

Learn from leading professionals about the latest advancements in the surgical approach to the kidney at the vascular level”

Management



Dr. Burgos Revilla, Francisco Javier

- Bachelor's Degree in Medicine and Surgery
- PhD in Medicine and Surgery
- Head of the Urology Department of the Hospital Universitario Vinalopó de Elche. Alicante, Spain
- Specialist in Urology
- Member of the Boards of the EAU Section of Lithiasis (EULIS) and the Spanish Society of Laparoscopic Surgery (SECLA)
- Spokesperson of the Office of Continuing Education of the AEU



Dr. Galán Llopis, Juan Antonio

- Bachelor's Degree in Medicine and Surgery
- PhD in Medicine and Surgery
- Specialist in Urology
- Head of the Urology Department. Ramón y Cajal University Hospital. Madrid, Spain
- Professor of Urology at the University of Alcalá Madrid, Spain
- Professor of the European School of Urology

Faculty

Dr. Alcaraz, Antonio

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Medical Specialist in Urology
- ♦ Head of the Urology Department
- ♦ Clinical Hospital. Barcelona, Spain

Dr. Peri Cusi, Lluís

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Medical Specialist in Urology
- ♦ Clinical Hospital. Barcelona, Spain



04

Structure and Content

The structure of the curriculum has been designed by a team of professionals who understand the implications of surgical specialization in the intervention of patients with renal pathology, aware of the relevance of keeping the specialization current, and committed to providing high-quality education through the latest educational technologies.



“

The Postgraduate Certificate in Renovascular Surgery contains the most complete and up-to-date scientific program on the market”

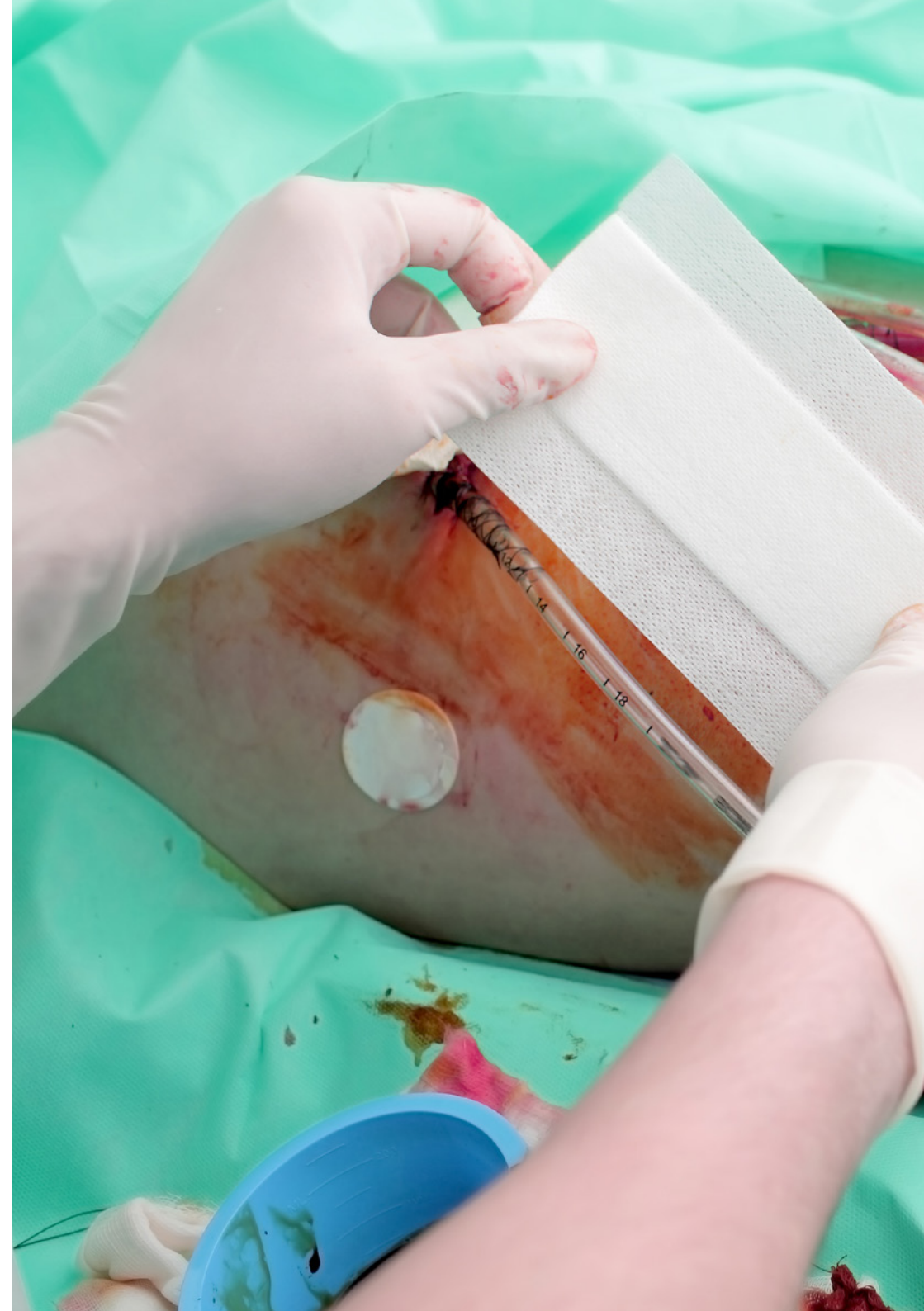
Module 1. Renal Artery Stenosis

- 1.1. Percutaneous Techniques
- 1.2. Surgical Treatment

Module 2. Renal Artery Aneurysm

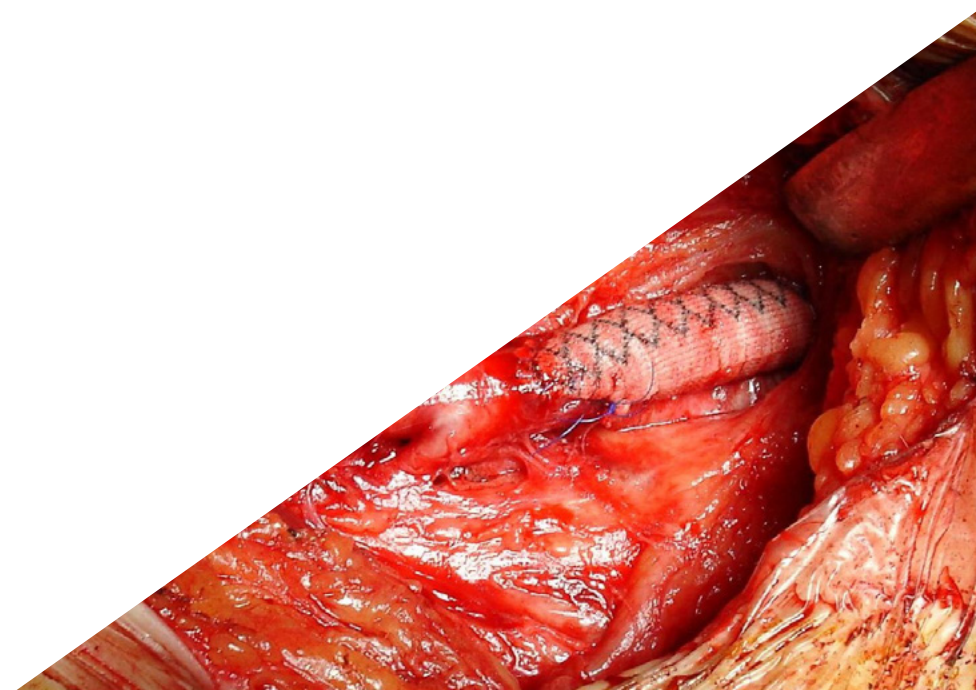
- 2.1. Percutaneous Techniques
- 2.2. Surgical Treatment

Module 3. Renal Embolization Post-NLP and NP



“

*A unique, essential, and decisive
specialization experience to boost
your professional development”*



05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

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.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



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*”

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.

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.

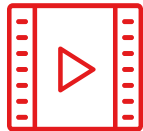
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

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

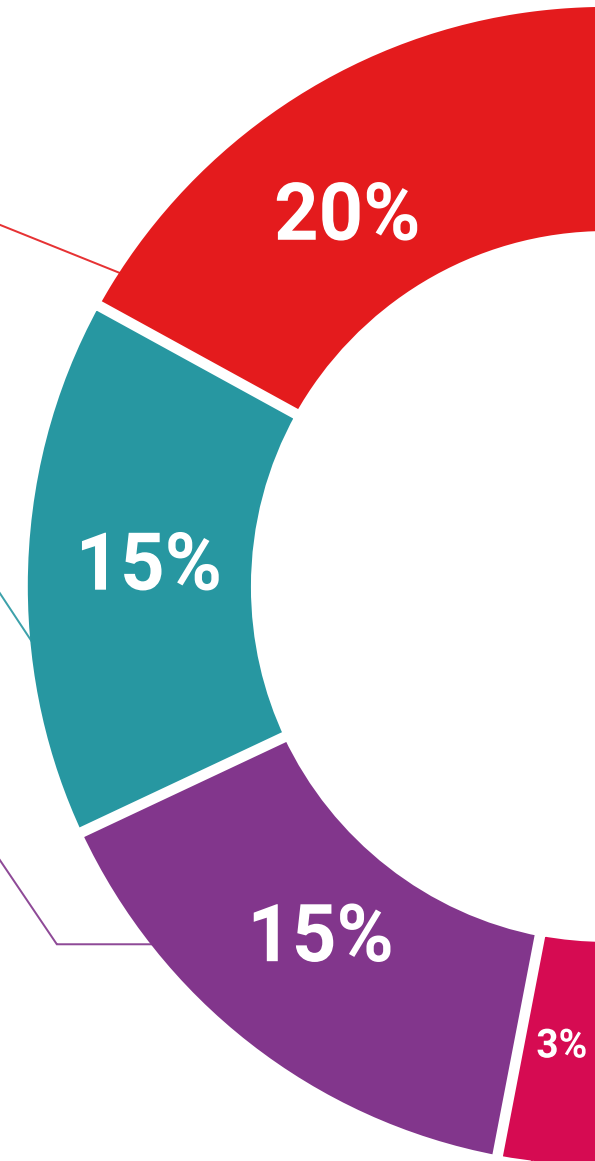
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

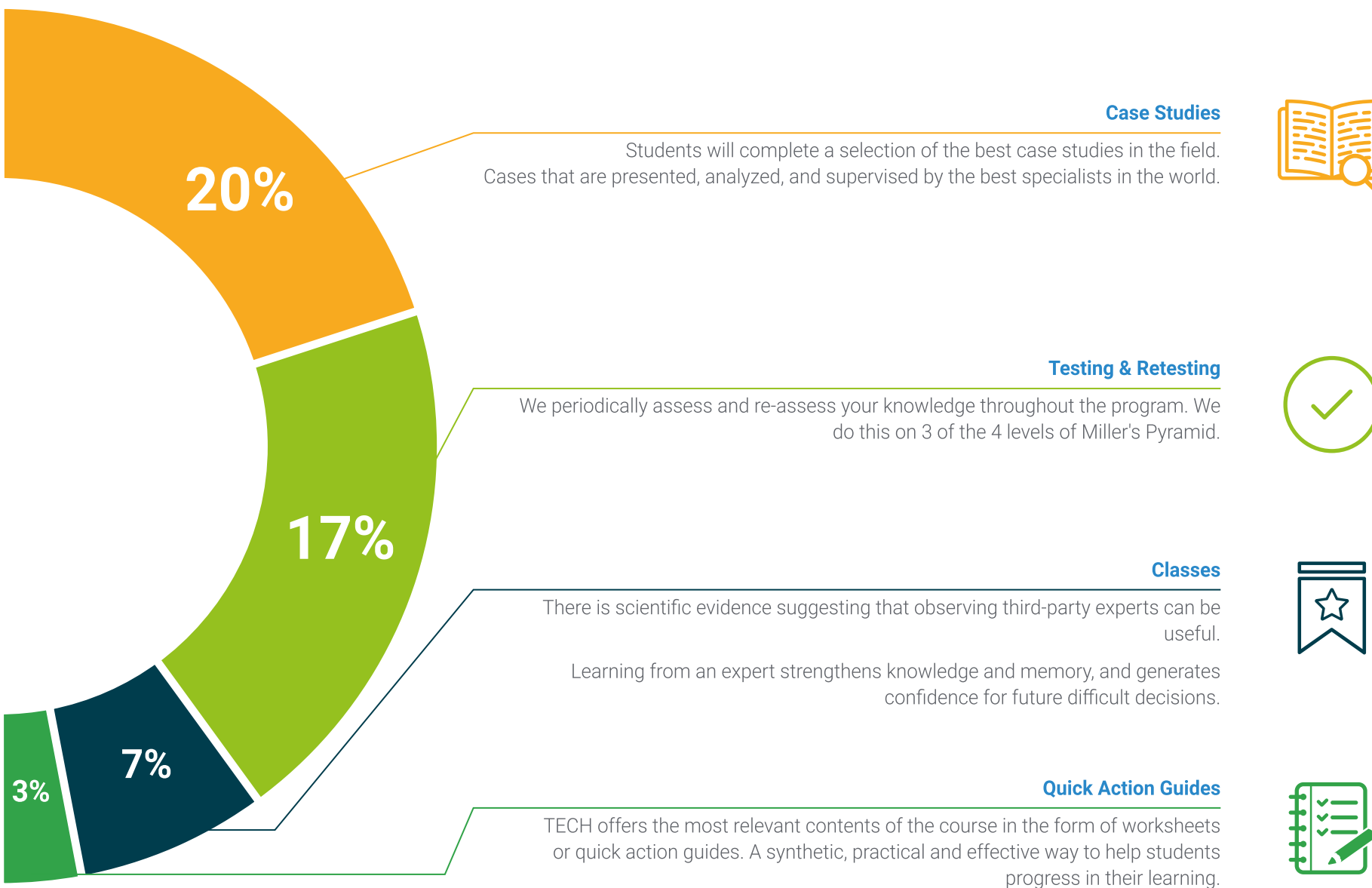
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





06 Certificate

The Postgraduate Certificate in Renovascular Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.



“

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

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Renovascular Surgery** 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 Renovascular Surgery**

Modality: **online**

Duration: **6 weeks**

Accreditation: **4 ECTS**



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



Postgraduate Certificate Renovascular Surgery

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Renovascular Surgery

