

Postgraduate Certificate

Urologic Laparoscopy in Pediatrics



Postgraduate Certificate Urologic Laparoscopy in Pediatrics

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/urologic-laparoscopy-pediatrics

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01

Introduction

Expand your training in Urologic Laparoscopy in Pediatrics with this high-level training, developed by industry professionals with extensive experience in the field. You will learn more about this minimally invasive technique, which will facilitate the diagnosis and treatment of different gynecological pathologies.





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This Postgraduate Certificate is aimed at specialists who want update their knowledge and acquire the latest techniques in Urological Laparoscopy in Pediatrics"

In addition to requiring in-depth knowledge of these techniques this apprenticeship requires a specific theoretical and practical program. The offer of these techniques to patients by hospitals is a seal of quality in health care. Nowadays, the parents of patients who are familiar with the latest technologies demand professionals who master them and can treat their children with minimally invasive techniques such as Laparoscopy. They can diagnose and treat many of the surgical pathologies of pediatric patients.

Therefore, it is reasonable to promote the training of professionals in this discipline, whose teaching is not regulated, having to resort to postgraduate training that includes different professional experts in this field as teachers.

In this Postgraduate Certificate, the majority of endoscopic techniques used today in the pediatric patient will be studied in depth. Focusing on minimally invasive techniques, we will review the part of pediatric surgery that can be diagnosed or treated with Laparoscopy.

And in order to guarantee all of the above we will have the best experts in the field who will contribute their personal experience and present the latest trends in each of their fields.

This course contains the most complete and up-to-date scientific program on the market. The most important features:

- ◆ Latest technology in online teaching software.
- ◆ Highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand.
- ◆ Practical cases presented by practising experts.
- ◆ State-of-the-art interactive video systems.
- ◆ Teaching supported by telepractice.
- ◆ Continuous updating and recycling systems.
- ◆ Self-regulating learning: full compatibility with other occupations.
- ◆ Practical exercises for self-evaluation and learning verification.
- ◆ Support groups and educational synergies: questions to the expert, debate and knowledge forums.
- ◆ Communication with the teacher and individual reflection work.
- ◆ Content that is accessible from any fixed or portable device with an Internet connection.
- ◆ Supplementary documentation databases are permanently available, even after the course.



Improve the quality of care for your patients with this highly scientifically rigorous training"

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Apply the latest trends in Minimally Invasive Surgery in the daily practice of your profession"

Our teaching staff is composed of medical professionals, practising specialists. In this way we ensure that you can achieve the training update we are aiming for. A multidisciplinary team of doctors with training and experienced in different environments, who will develop the theoretical knowledge in an efficient way, but, above all, will bring their practical knowledge derived from their own experience to this course: one of the differential qualities of this course.

The efficiency of the methodological design of this master's training, enhances the student's understanding of the subject. Developed by a multidisciplinary team of e-learning experts, it integrates the latest advances in educational technology. This way, you will be able to study with a range of comfortable and versatile multimedia tools that will give you the operability you need in your training.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice: with the help of an innovative interactive video system, and learning from an expert, you will be able to acquire the knowledge as if you were actually dealing with the scenario you are learning about. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

You will have the latest multimedia tools, designed by experts in Urological Laparoscopy in Pediatrics, which will favor the speed of assimilation and learning

This program uses the latest advances in educational technology, based on e-learning methodology



02 Objectives

This Postgraduate Certificate will provide students with the theory and practice necessary to approach with ease and confidence pediatric surgical pathologies susceptible to treatment using minimally invasive techniques, thus benefiting child patients.



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Our objective is to train highly qualified professionals for work experience”



General Objectives

- ◆ Complement the training of specialists in pediatric surgery with special interest in a minimally invasive technique: pediatric endoscopy.
- ◆ Adequately prepare these professionals to face with guarantee and quality the different pediatric pathologies that can be addressed through these access routes
- ◆ Enable students to offer professional assistance supported by an accredited teaching program.





Specific Objectives

- ♦ Study the different gynecological pathologies in pediatrics and the laparoscopic surgical techniques to solve them.

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Don't miss the opportunity and get up to date on new developments in General Health Psychology to incorporate them into your daily medical practice”

03

Course Management

Renowned and recognized medical specialists with numerous publications, teaching experience, and professional experience in many countries, where many of the diseases studied have a high morbimortality participate in the teaching program. The teaching team is made up of a multidisciplinary faculty from various medical specialties, such as hematology, internal medicine, pediatrics, gynecology and obstetrics, pathological anatomy, and pharmacology who are involved in the care of these patients.





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Learn about the latest advances in procedures in Minimally Invasive Surgery from leading professionals”

Management

**Dr. Cabezalí Barbancho, Daniel**

- ◆ Specialist in Pediatric Surgery.
- ◆ Specialist Area Physician (FEA) of the Pediatric Surgery Service, Urology Section, 12 de Octubre Hospital Madrid
- ◆ Doctor of Medicine and Surgery, from the Complutense University of Madrid.

Professors

Dr. Cano Novillo, Indalecio

- ◆ Specialist in Pediatric Surgery.
- ◆ Specialist Area Physician (FEA) of the Pediatric Surgery Service, General Surgery Section, Hospital 12 Octubre Madrid.
- ◆ Head of the Pediatric Surgery at Sanitas La Zarzuela Hospital.

Dr. Gómez Fraile, Andrés

- ◆ Specialist in Pediatric Surgery.
- ◆ Head of the Pediatric Surgery at 12 de Octubre Hospital.
- ◆ Doctor of Medicine and Surgery, from the Complutense University of Madrid.

Dr. Pacheco Sánchez, Juan Antón

- ◆ Specialist in Pediatric Surgery.
- ◆ Facultative Area Specialist (FAS) in Pediatric Surgery General Surgery at 12 de Octubre Hospital Madrid
- ◆ Doctor of Medicine and Surgery, from the Complutense University of Madrid.



04

Structure and Content

The structure of the contents has been designed by a team of expert surgeons, which includes all the updates in Minimally Invasive Surgery.



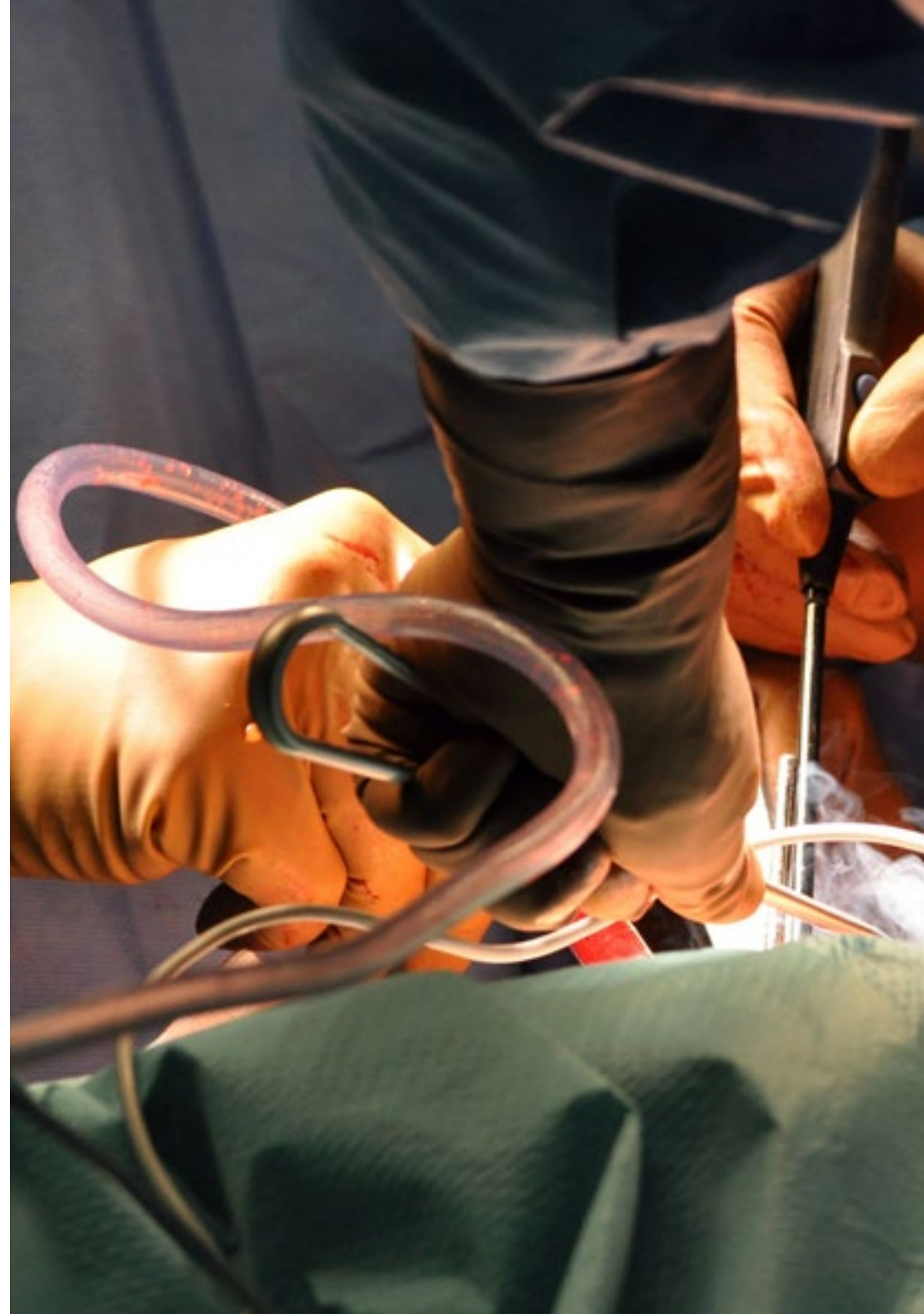


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This Postgraduate Certificate has a quality program adapted to the latest trends in the field of minimally invasive surgery”

Module 1. Urological Laparoscopy

- 1.1. Upper Urinary Tract I
 - 1.1.1. Renal Annulment Transperitoneal Nephrectomy
 - 1.1.2. Renoureteral Duplication Transperitoneal Heminephrectomy
- 1.2. Upper Urinary Tract II
 - 1.2.1. Retroperitoneal Nephrectomy
 - 1.2.2. Retroperitoneal Heminephrectomy
- 1.3. Upper Urinary Tract III
 - 1.3.1. Pyeloureteral Stenosis (Transperitoneal and Retroperitoneal)
- 1.4. Upper Urinary Tract IV
 - 1.4.1. Retrocaval Ureter
- 1.5. Upper Urinary Tract V. Renal Tumor Surgery
 - 1.5.1. Wilms Tumor
 - 1.5.2. Partial Oncologic Nephrectomy
- 1.6. Lower Urinary Tract I
 - 1.6.1. Extravesical Ureteral Reimplantation.
 - 1.6.2. Bladder Diverticulum
- 1.7. Lower Urinary Tract II
 - 1.7.1. Enterocystoplasty
 - 1.7.2. Bladder Neck Reconstruction
- 1.8. Lower Urinary Tract III
 - 1.8.1. Appendicovesicostomy
- 1.9. Lower Urinary Tract IV
 - 1.9.1 Prostatic and Seminal Pathology
- 1.10. Pneumovesicoscopy
 - 1.10.1. Ureteral Reimplantation.
 - 1.10.2. Bladder Diverticulum
 - 1.10.3. Bladder Neck Surgery





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*A unique, key, and decisive
Training 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.



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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

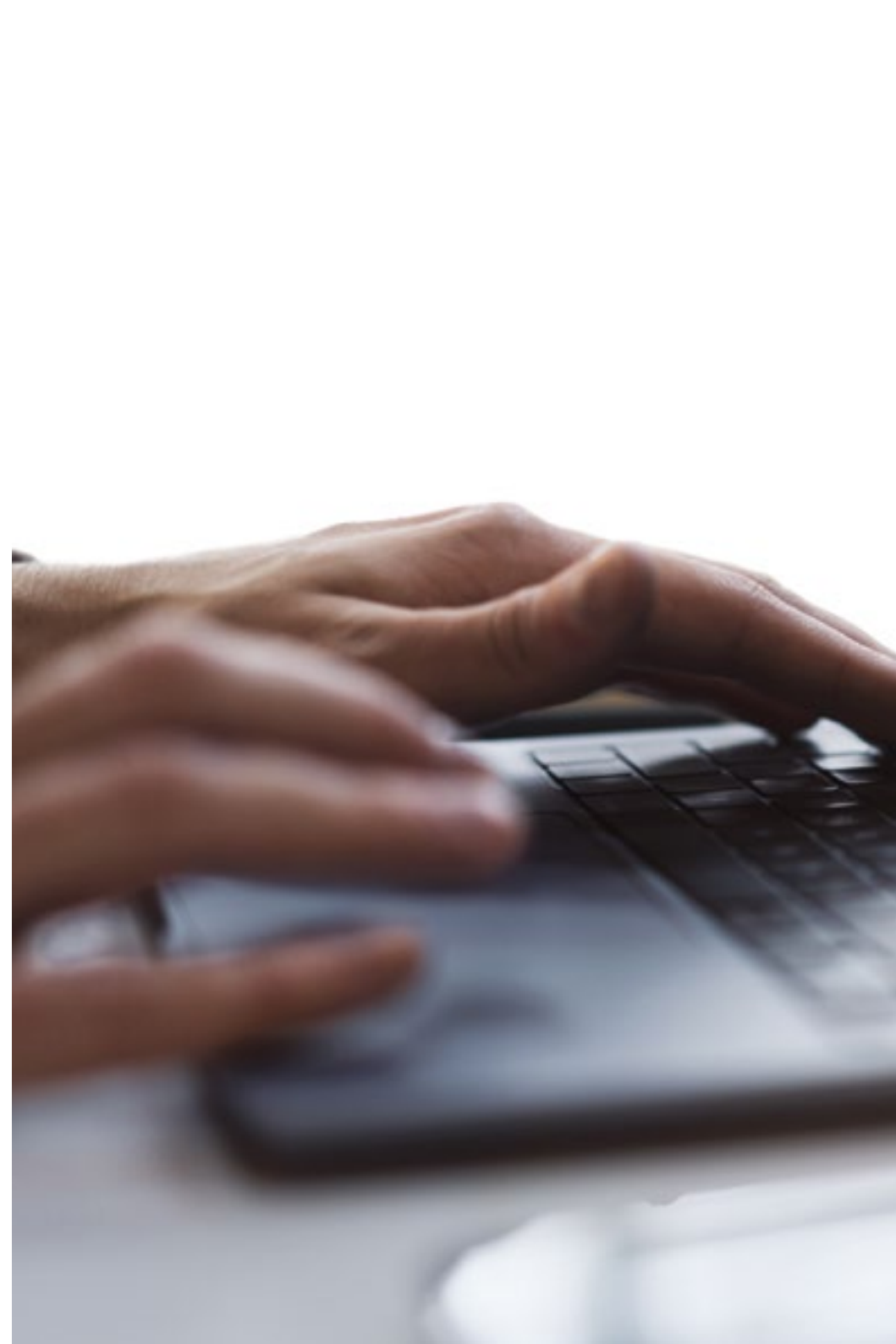
In TECH's study methodology, the student is the main protagonist.

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.

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*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.

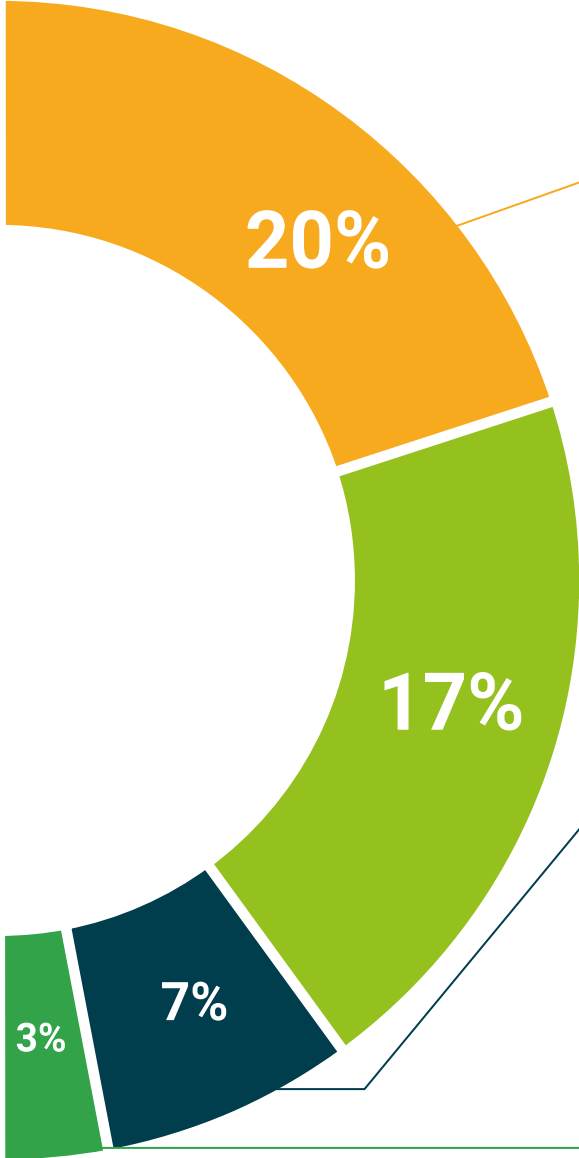
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





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.



06 Certificate

The Postgraduate Certificate in Urological Laparoscopy in Pediatrics guarantees you, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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Include in your training a Postgraduate Certificate in Laparoscopy in General Surgery: a highly qualified added value for any professional in the field of education"

This private qualification will allow you to obtain a **Postgraduate Certificate in Urological Laparoscopy in Pediatrics** 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.

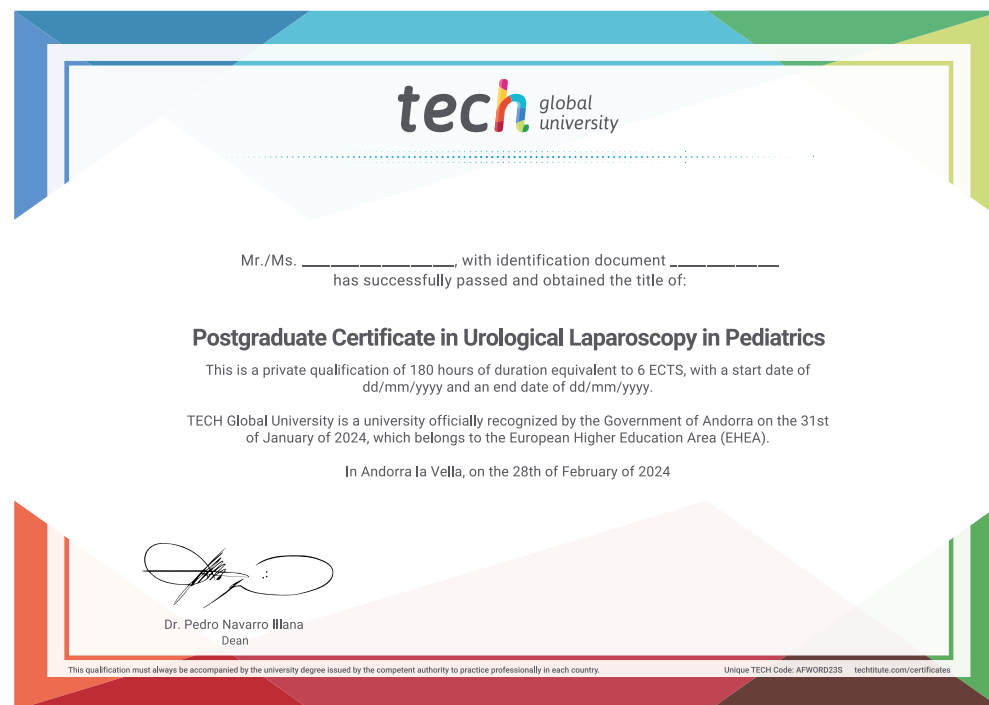
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Postgraduate Certificate in Urological Laparoscopy in Pediatrics

Modality: **online**

Duration: **6 Weeks**

Accreditation: **6 ECTS**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University 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 languages
virtual classroom

tech global
university

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