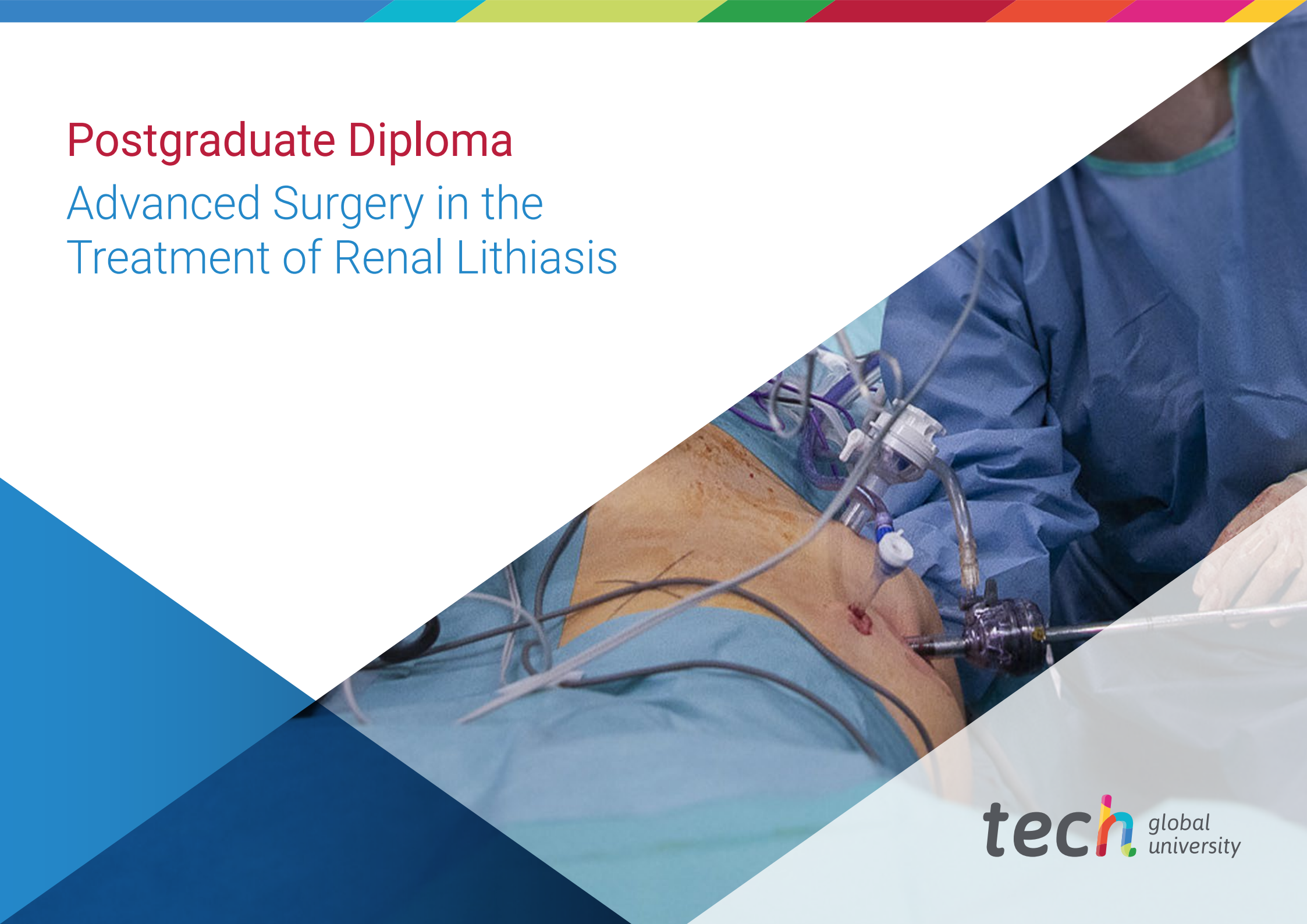
Postgraduate Diploma

Advanced Surgery in the Treatment of Renal Lithiasis



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Postgraduate Diploma
Advanced Surgery in the Treatment of Renal Lithiasis

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Accreditation: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-advanced-surgery-treatment-renal-lithiasis

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01

Introduction to the Program

The prevalence of Renal Lithiasis has increased significantly in recent decades, attributed to factors such as changes in diet, sedentary lifestyles and an increase in metabolic diseases. Consequently, this increase has generated a growing demand for effective and less invasive treatments. In response to this, advanced surgery is emerging as a highly effective solution to this need. However, to take advantage of its benefits, physicians need to develop sophisticated technical skills that allow them to combine innovative technologies such as Robotics with refined surgical techniques to optimize people's overall well-being. That is why TECH presents a revolutionary university program focused on the most modern therapies for the treatment of Kidney Stones.

Thanks to this completely online program, you will be able to use the most advanced technological equipment for Renal Surgery and design individualized therapeutic plans for the comprehensive treatment of Lithiasis"

According to a new study by the World Health Organization, kidney stones affect approximately 800 million individuals worldwide. At the same time, the document reveals that this urological condition is one of the main causes of acute pain and medical consultations. In the same line, Kidney Stones not only have a direct impact on the quality of life of patients, but this condition also generates considerable costs for global health systems, estimated at more than 5 billion dollars a year. Faced with this reality, professionals need to update their knowledge frequently to stay at the forefront of the most sophisticated strategies to improve care in the health system.

In this context, TECH has developed a pioneering Postgraduate Diploma in Advanced Surgery in the Treatment of Renal Lithiasis. Designed by experts in the field, the academic program will delve into aspects ranging from the evolution of Ureteroscopy or sophisticated techniques for vaporization procedures to the use of Percutaneous Nephrolithotomy. In turn, the teaching content will provide physicians with a variety of strategies for creating therapeutic protocols adapted to the individual requirements of each patient. In this way, graduates will develop advanced skills to master the most modern minimally invasive techniques for the management of Renal Lithiasis, which will allow them to increase the general well-being of users.

On the other hand, TECH has created a 100% online academic environment. In this way, experts will be able to individually manage their schedules and assessment timetables. In addition, the disruptive Relearning method is implemented, based on the repetition of key concepts to consolidate knowledge in an optimal way. Thanks to this, physicians will enjoy a dynamic and enjoyable immersive experience that will help maximize the quality of their urological procedures.

This **Postgraduate Diploma in Advanced Surgery in the Treatment of Renal Lithiasis** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of case studies presented by experts in Urology
- 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 self-assessment process can be carried out 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

You will guarantee compliance with regulations for the protection of both the patient and the work teams during surgical operations in different Urological Conditions"

This university program will provide you with the keys to integrating modern technological tools to optimize the therapies of individuals with Kidney Stones"

An academic itinerary based on TECH's cutting-edge Relearning system, which will facilitate the renewal of knowledge in the therapeutic approach to Renal Lithiasis.

You will delve into the fundamentals of Laparoscopic Surgery, which will help you manage intraoperative complications with efficiency and immediacy.

The program's teaching staff includes professionals from the sector who contribute their work experience to this specializing 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.

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Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it relies on an enormous faculty of more than 6,000 professors of the highest international renown.

Study at the world's largest online university and guarantee your professional success. The future starts at TECH"

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH Euromed University as "the best online university in the world" 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 oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. 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 Euromed University is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.

The most complete syllabuses on the university scene

TECH Euromed University offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. 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 Euromed University is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring 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 Euromed University 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 Euromed University has become the leading university in employability. Ninety-nine percent 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 TECH Euromed University 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 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 Euromed University as the world's top-rated 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 Euromed University as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.

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Syllabus

The syllabus for this program in Advanced Surgery in the Treatment of Renal Lithiasis offers a comprehensive specialization that covers everything from the fundamentals of Urology to the most advanced surgical techniques. Physicians will therefore delve into areas such as the application of laser lithotripsy, percutaneous nephrolithotomy or robotic surgery; this will enable them to take a holistic approach to patients with Kidney Stones. In line with this, the teaching materials will also focus on areas such as advanced imaging, complication management and clinical research in this field.

You will delve into the ethical and safety factors linked to the treatment of patients. Your practices will stand out because of your high level of responsibility!"

Module 1. Retrograde Intrarenal Surgery

1.1. Flexible Ureteroscopy. Evolution Over Time
- 1.1.1. History of the Ureteroscopy
- 1.1.2. Evolution of Ureteroscopy
- 1.1.3. Present of the Ureteroscopy

1.2. Flexible Ureteroscopy Indications and Extended Indications
- 1.2.1. Standard Indications for Retrograde Intrarenal Surgery
- 1.2.2. Extended Indications for Retrograde Intrarenal Surgery
- 1.2.3. Future Indications for Retrograde Intrarenal Surgery

1.3. Material in Flexible Ureteroscopy
- 1.3.1. Instrumentation Material
- 1.3.2. Ureteral Access Sheaths
- 1.3.3. Endoscopic Baskets and Other Work Materials

1.4. Standard Technique for Retrograde and Antegrade Flexible Ureteroscopy in Urolithiasis
- 1.4.1. Patient Positioning for Flexible URS
- 1.4.2. Surgical Technique and Tricks
- 1.4.3. Postoperative Urinary Diversion: When and How

1.5. Types of Flexible Ureteroscopes
- 1.5.1. Fiber-Optic vs. Digital Ureteroscopes
- 1.5.2. Reusable and Disposable Ureteroscopes
- 1.5.3. Aspiration in Flexible Ureteroscopy

1.6. Laser in Flexible Ureteroscopy
- 1.6.1. Laser Fragmentation and Vaporization Techniques in Flexible Ureteroscopy
- 1.6.2. Optimization of Laser Parameters for the Treatment of Lithiasis in Flexible Ureteroscopy
- 1.6.3. Safety in the Management of Ureteral Stones

1.7. Intrarenal Pressure and Temperature in Flexible Ureteroscopy
- 1.7.1. Pressure and Temperature in Retrograde Intrarenal Surgery
- 1.7.2. Complications Attributed to Intrarenal Pressure and Temperature During Retrograde Intrarenal Surgery
- 1.7.3. Methods of Measuring Intrarenal Temperature and Pressure in Retrograde Intrarenal Surgery
- 1.7.4. Methods of Irrigation of Intrarenal Temperature and Pressure in Retrograde Intrarenal Surgery

1.7.5. Optimal Management of Intrarenal Temperature and Pressure during Retrograde Intrarenal Surgery
1.7.6. Future of Retrograde Intrarenal Surgery in Intrarenal Temperature and Pressure
1.8. ALARA in Flexible Ureteroscopy
1.8.1. Radiation in Retrograde Intrarenal Surgery
1.8.2. Radiation Complications in Patients and Healthcare Personnel
1.8.3. ALARA Applied to Retrograde Intrarenal Surgery
1.8.4. Strategies for Applying ALARA in Retrograde Intrarenal Surgery
1.8.5. Fluoroscopy-free Retrograde Intrarenal Surgery
1.9. Complications and Postoperative Management in Flexible Ureteroscopy
1.9.1. Flexible Ureteroscopy. Posoperative Care
1.9.2. Early and Late Diagnosis of Postoperative Complications
1.9.3. Treatment and Prevention of Complications
1.10. The Future of Flexible Ureteroscopy
1.10.1. Suction in Flexible Ureteroscopy
1.10.2. Pressure in Flexible Ureteroscopy
1.10.3. Laser in Flexible Ureteroscopy

Module 2. Percutaneous Nephrolithotomy

2.1. Position of the Patient for Percutaneous Nephrolithotomy
2.1.1. Prone Position
2.1.1.1. Advantages of the Prone Position
2.1.1.2. Disadvantages of the Prone Position
2.1.1.3. Varieties of the Prone Position
2.1.2. Supine Position
2.1.2.1. Advantages of the Supine Position
2.1.2.2. Disadvantages of the Supine Position
2.1.2.3. Varieties of the Supine Position
2.1.3. Comparison between the Prone Position and the Supine Position
2.2. Percutaneous Nephrolithotomy Equipment
2.2.1. Inventoryable Equipment
2.2.2. Expendable Material
2.2.3. The Future of Materials in Percutaneous Surgery
2.3. Puncture Techniques
2.3.1. Puncture Techniques. Key Aspects
2.3.2. Fluoroscopy-guided Puncture
2.3.3. Ultrasound-guided Puncture
2.4. Dilation Techniques in Percutaneous Nephrolithotomy
2.4.1. General Principles in Dilatation of the Percutaneous Pathway
2.4.2. Dilatation with Alken Metal Dilators
2.4.3. Dilatation with Amplatz-type Fascial Dilators
2.4.4. High-pressure Balloon Dilatation
2.4.5. Single-step Dilatation with Metal Dilators for Minipercutaneous Surgery
2.4.6. Management of Common Complications During Dilatation
2.5. Litroticia in Percutaneous Nephrolithotomy. Lasers
2.5.1. Types of Laser Used in Percutaneous Nephrolithotomy
2.5.2. Parameters and Strategies for the Application of Laser in Percutaneous Nephrolithotomy
2.5.3. Precautions, Complications and Results in the Use of Laser in Percutaneous Nephrolithotomy
2.6. Percutaneous Nephrolithotomy in Prone and Supine Position
2.6.1. Percutaneous Nephrolithotomy
2.6.1.1. Prone Position
2.6.1.2. Supine Position
2.6.2. Advantages and Disadvantages
2.6.2.1. Prone Position
2.6.2.2. Supine Position
2.6.3. Conclusions. Which One to Choose
2.7. *Endoscopic Combined Intrarenal Surgery.* Bilateral Percutaneous Nephrolithotomy
2.7.1. Endoscopic Combined Intrarenal Surgery: Philosophy and General Principles
2.7.2. Endoscopic Combined Intrarenal Surgery: Indications
2.7.3. Endoscopic Combined Intrarenal Surgery: Technique, Tips and Advice
2.7.4. Bilateral Percutaneous Nephrolithotomy: Indications
2.7.5. Bilateral Percutaneous Nephrolithotomy: Technique, Tips and Tricks

2.8. Use of Small Calibers in Percutaneous Nephrolithotomy
- 2.8.1. Justification for Small Caliber in Natural Language Processing
- 2.8.2. Types of Small Caliber
- 2.8.3. Miniperc

2.9. Percutaneous Nephrolithotomy in Pediatric Patients
- 2.9.1. Indications
- 2.9.2. Puncture Techniques
- 2.9.3. Considerations in Pediatric Patients

2.10. Complications in Percutaneous Nephrolithotomy
- 2.10.1. Intraoperative Complications
  - 2.10.1.1. During the Process
  - 2.10.1.2. During the Procedure
  - 2.10.1.3. During the Discharge Process
- 2.10.2. Immediate Postoperative Complications

Module 3. Open, Laparoscopic and Robotic Surgery for Renal Lithiasis

3.1. Ureterolithotomy
- 3.1.1. Ureterolithotomy
- 3.1.2. Current Indications for Ureterolithotomy
- 3.1.3. Surgical Technique for Ureterolithotomy

3.2. Pyelolithotomy
- 3.2.1. Pyelolithotomy
- 3.2.2. Current Indications for Pyelolithotomy
- 3.2.3. Surgical Technique for Pyelolithotomy

3.3. Open Anatrophic Nephrolithotomy
- 3.3.1. Indications for Anatrophic Nephrolithotomy
- 3.3.2. Approach. Surgical Field
- 3.3.3. Anatrophic Nephrolithotomy: Surgical Technique

3.4. Laparoscopic Ureterolithotomy
- 3.4.1. Indications, Material and Preparation of the Operating Room
- 3.4.2. Laparoscopic and Retroperitoneoscopic (Lumboscopic) Techniques
- 3.4.3. Management of the Postoperative Period and Complications

3.5. Laparoscopic and Robotic Pyelolithotomy
- 3.5.1. Approach. Trocar Placement. Surgical Field
- 3.5.2. Dissection of Renal Pelvis. Pyelolithotomy. Extraction of Lithiasis
- 3.5.3. Pyelolithotomy Closure Suture

3.6. Laparoscopic and Robotic Treatment of Lithiasis in the Calyceal Diverticulum
- 3.6.1. Pathophysiology and Diagnosis of Lithiasis in the Calyceal Diverticulum
- 3.6.2. Surgical Techniques in the Treatment of Calyceal Lithiasis
- 3.6.3. Monitoring and Complications of Surgical Treatment

3.7. Laparoscopic and Robotic Surgical Approach to Lithiasis in Renal Malformations
- 3.7.1. Pyelolithotomy in Horseshoe Kidney
- 3.7.2. Ureterolithotomy in Renal Ectopia
- 3.7.3. Lithiasis Resolution with Robotic Surgery and Renal Malformations

3.8. Laparoscopic and Robotic Anatomic Nephrolithotomy
- 3.8.1. Surgical Technique for Anatomic Nephrolithotomy in Laparoscopic and Robotic Surgery
- 3.8.2. Indications and Patient Selection for an Anatrophic Nephrolithotomy
- 3.8.3. Comparison of Results and Complications between Laparoscopic and Robotic Approaches

3.9. Nursing and Instrumentation during Laparoscopic and Robotic Procedures
- 3.9.1. Role of Nursing Staff in the Preparation and Handling of Surgical Instruments
- 3.9.2. Intervention of the Nursing Team during Laparoscopic and Robotic Procedures
- 3.9.3. Training in Advanced Technologies and Patient Safety

3.10. Nursing and Instrumentation in Endourology
- 3.10.1. Instruments and Consumables
- 3.10.2. Surgical Table Layout
- 3.10.3. Layout of Equipment in the Operating Room

04

Teaching Objectives

This program in Advanced Surgery in the Treatment of Renal Lithiasis will offer physicians the clinical skills required to use state-of-the-art surgical techniques in the management of Kidney Stones. In this way, graduates will be able to use minimally invasive techniques ranging from Robotic Surgery or high-impact Laser Therapies to Percutaneous Nephrolithotomy. Thanks to this, physicians will be able to personalize therapeutic plans according to the individual needs of each patient. In turn, this will allow them to significantly optimize their quality of life in both the short and long term.

You will create personalized surgical intervention plans, which will contribute to improving clinical results and reducing associated postoperative risks"

General Objectives

- Identify the fundamental physical and chemical aspects involved in the formation of kidney stones
- Delve into the classification of kidney stones according to the etiological factors that generate them
- Establish the diagnostic foundations based on the study of kidney stones
- Determine the key diagnostic aspects based on the study of urine
- Delve into the metabolic study of patients with renal lithiasis
- Define the classifications of patients at risk of urolithiasis, considering factors that may contribute to the formation of stones
- Assess the various associated metabolic conditions and their specific treatments
- Acquire a comprehensive approach to the dietary and clinical management of the lithiasic patient
- Address the etiology and pathophysiology of non-calcium lithiasis, identifying its distinctive characteristics
- Define the medical treatment options available for each type of condition
- Assess the role of genetics and microbiota in the management of Urolithiasis
- Establish guidelines for pH control and coordination of Urolithiasis units
- Evaluate renal physiology and pathophysiology, as well as the mechanisms of obstruction
- Delve into the most widely used diagnostic imaging methods in Renal Lithiasis
- Define therapeutic approaches to renal colic
- Identify the complications associated with lithiasis and propose management strategies based on international clinical guidelines
- Analyze the historical evolution of Extracorporeal Shock Wave Lithotripsy
- Assess the physical principles, types of energy and those of Extracorporeal Shock Wave Lithotripsy
- Examine the results, complications and post-procedure follow-up, as well as the latest advances in this technology
- Establish recommendations based on clinical guidelines and develop radiation protection strategies in the context of Endourology
- Analyze the historical evolution of endourology and its current applications, focusing on technological and surgical advances
- Examine renal and ureteral anatomy relevant to endourology, establishing its importance in the execution of procedures
- Assess the criteria for the selection of surgical techniques and energy sources in Endourology
- Identify the endourological approaches and specific equipment used in semirigid ureteroscopy
- Delve into the historical evolution of flexible ureteroscopy and its development
- Evaluate the standard and extended indications for Retrograde Intrarenal Surgery
- Examine the materials, surgical techniques and advanced technologies used in Retrograde Intrarenal Surgery
- Identify intraoperative and postoperative complications, establishing strategies for their prevention and management, with a focus on the application of ALARA principles
- Analyze the different patient positions in percutaneous nephrolithotomy

Specific Objectives

Module 1. Retrograde Intrarenal Surgery

- Define the indications and limitations of the different types of flexible ureteroscopes
- Analyze surgical techniques and the management of intraoperative variables such as pressure or temperature
- Examine the use of lasers and evaluate their effectiveness in the fragmentation of kidney stones
- Establish measures to reduce exposure to radiation and manage intraoperative complications

Module 2. Percutaneous Nephrolithotomy

- Define the surgical positions of the patient in percutaneous nephrolithotomy and their impact on renal access
- Analyze puncture and dilatation techniques, identifying the most appropriate ones according to the clinical situation
- Evaluate the use of different lasers and lithotripsy systems in percutaneous nephrolithotomy
- Identify the specific indications and techniques for the use of reduced calibers

Module 3. Open, Laparoscopic and Robotic Surgery for Renal Lithiasis

- Define ureterolithotomy and pyelolithotomy procedures in their open, laparoscopic and robotic variants
- Examine approaches to Lithiasis in Renal Malformations
- Analyze anatomical nephrolithotomy, its indications and the technical details of its execution
- Establish the role of Nursing in instrumentation and assistance during laparoscopic or robotic procedures

05

Career Opportunities

This comprehensive university qualification focused on Advanced Surgery for the Treatment of Renal Lithiasis will enable physicians to update their knowledge based on the latest scientific evidence and to refine their skills in the management of Kidney Stones. At the same time, graduates will master emerging technologies to optimize their surgical interventions and increase both their precision and efficiency. In addition, physicians will be up to date with the latest innovations in the approach to various urological problems. In this way, they will broaden their professional horizons and excel in the field of Urology by providing excellent care.

Do you want to work as a Renal Lithiasis Area Director in the most prestigious hospitals? Achieve it through this university program in just 6 months"

Graduate Profile

Graduates of this program will be highly qualified physicians capable of incorporating cutting-edge surgical techniques in clinical settings, optimizing patient care and resource management. In this line, they will develop clinical skills to design, implement and evaluate cutting-edge procedures that improve the management of Kidney Stones. Furthermore, experts will be prepared to overcome any ethical challenge during the course of their work and ensure data protection when using new technologies. In addition, professionals will be able to lead innovation and research initiatives in Urology, as well as promote the continuous adoption of advanced techniques in Renal Surgery.

You will design the most effective strategies to prevent Kidney Stones, encouraging individuals to adopt healthy habits.

- **Clinical Problem Solving:** Ability to apply critical thinking in the identification and solution of challenges associated with the management of urinary stones, optimizing treatments through advanced approaches
- **Technological Adaptation in Urology:** Ability to incorporate the latest technologies in the diagnosis and treatment of urolithiasis, improving both the efficiency and quality of patient care
- **Ethical Commitment and Data Security:** Responsibility in the application of ethical principles and privacy regulations, guaranteeing the protection of patient data when using emerging technologies
- **Research and Innovation:** Competence to lead research and development projects in the field of Urolithiasis, promoting the progress of clinical practices based on scientific evidence

After completing the program, you will be able to use your knowledge and skills in the following positions:

1. **Surgeon Specialized in Advanced Renal Lithiasis:** Responsible for performing highly complex surgical procedures for the treatment of Kidney Stones, using innovative techniques to improve clinical outcomes.
2. **Manager of Minimally Invasive Treatments for Renal Lithiasis:** Responsible for supervising the implementation of non-invasive therapies for the elimination of Kidney Stones, improving efficiency and reducing recovery time.
3. **Consultant in Surgical Innovations for Kidney Stones:** Dedicated to the incorporation of new technologies and surgical techniques in the treatment of kidney stones, collaborating with multidisciplinary teams to improve patient care.
4. **Coordinator of Renal Lithiasis Prevention and Treatment Programs:** Responsible for designing and managing comprehensive programs for the prevention and treatment of Kidney Stones.
5. **Director of Renal Lithiasis Unit in Hospitals:** Responsible for leading the unit specialized in the treatment of Kidney Stones within health institutions, ensuring the quality and efficiency of the services offered.
6. **Clinical Data Management Advisor for Renal Lithiasis:** Responsible for the management and analysis of large volumes of clinical data related to the treatment of Kidney Stones, using artificial intelligence tools to optimize healthcare.
7. **Clinical Researcher in Renal Lithiasis:** This role is dedicated to researching new methodologies and therapies for Kidney Stones, contributing to both scientific progress and the improvement of clinical practices.

You will lead exclusive research projects that will promote the development of new methodologies for tackling renal lithiasis and you will drive scientific progress"

06

Study Methodology

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

This innovative 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 moving away from more conventional methodologies.

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

The student: the priority of all TECH Euromed University programs

In TECH Euromed University's study methodology, the student is the main protagonist. The teaching tools for each program have been carefully selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions on the labor market.

With TECH Euromed University's asynchronous educational model, students have the flexibility to choose when and how much time they dedicate to studying, as well as how they establish their routines, and all this from the comfort of their preferred electronic device. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities can be completed at a time that is convenient for the student, allowing them to decide when and where they want to study.

At TECH Euromed University you will NOT have live classes (which you might not be able to attend)"

The most comprehensive study plans at the international

TECH Euromed University is distinguished by offering the most complete academic itineraries on the higher education landscape. 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 enable students to keep up with market changes and acquire the skills most valued by employers. As a result, those who complete their studies at TECH Euromed University receive a well-rounded education that provides them with a significant competitive edge to advance their careers.

Moreover, they can access their studies from any device-PC, tablet, or smartphone.

> *TECH Euromed University'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 Euromed University. 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 Euromed University, 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 Euromed University 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 Euromed University 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.

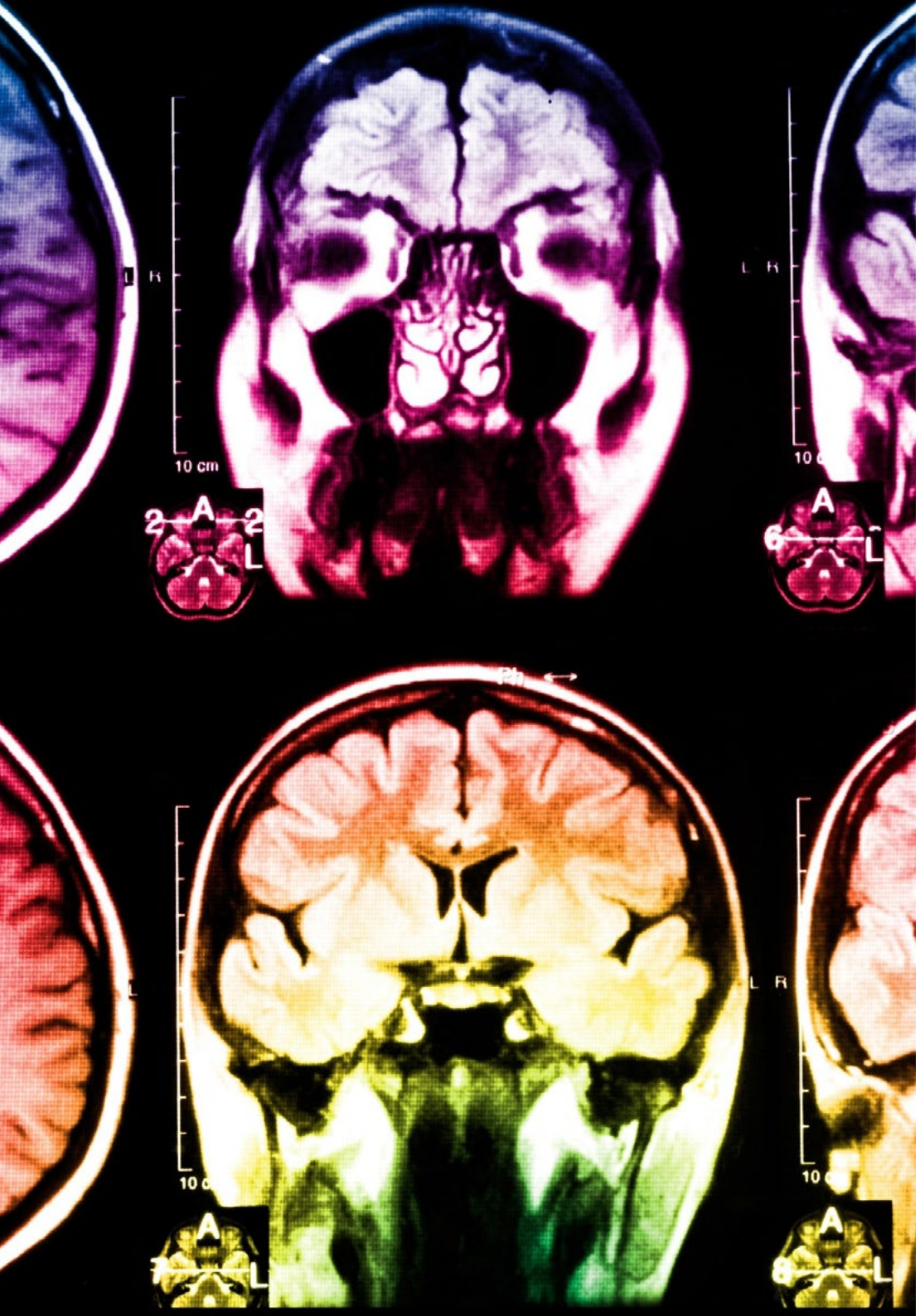
In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH Euromed University 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 Euromed University 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 Euromed University 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.

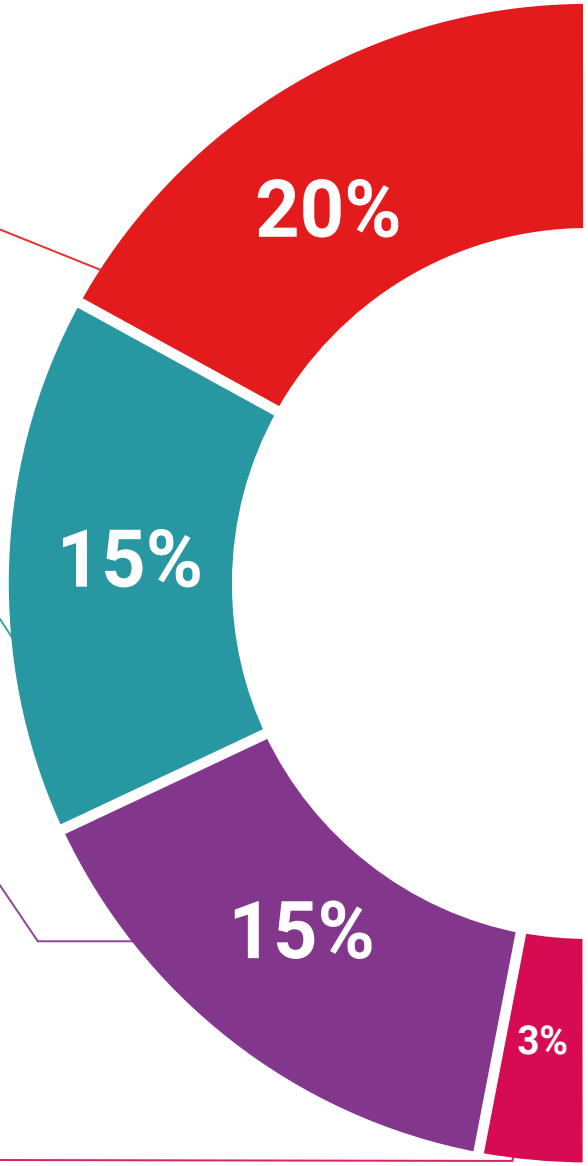
Interactive Summaries

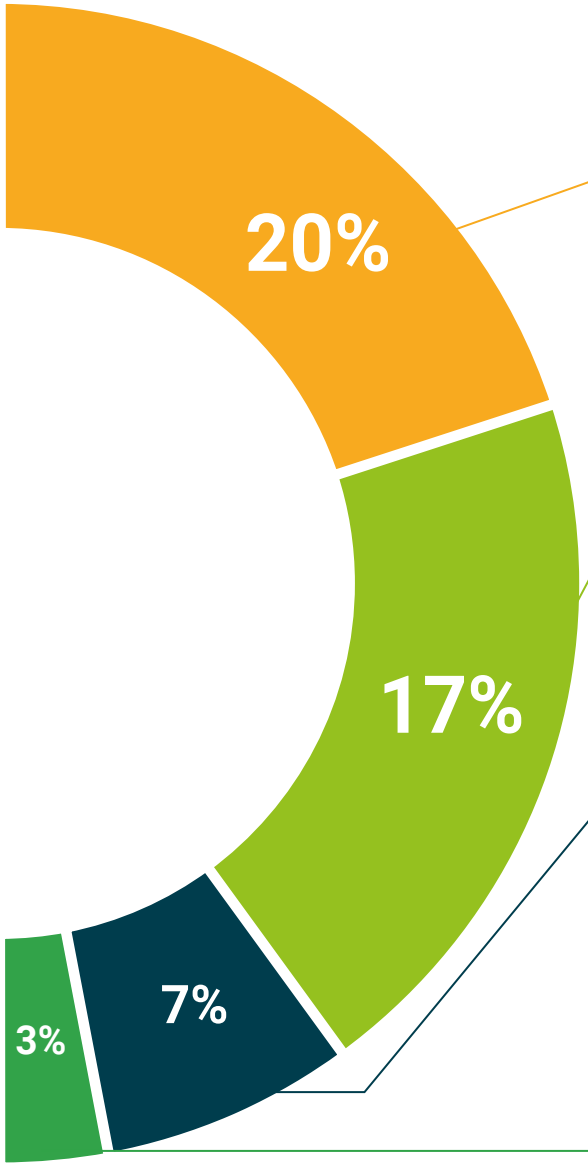
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Euromed University 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.

07

Teaching Staff

TECH's main priority is to provide the most comprehensive and up-to-date university qualifications on the educational market, which is why it rigorously selects each of its teaching staff. As a result of this effort, the following Postgraduate Diploma will be taught by prestigious specialists with extensive experience in the field of Advanced Surgery in the Treatment of Renal Lithiasis. These professionals have produced a variety of teaching materials that reflect the latest therapeutic innovations in this field. Graduates will therefore have access to an intensive experience that will help them improve their daily clinical practice.

A teaching team made up of true references in Urology will show you the latest therapeutic advances for the holistic approach to Renal Lithiasis"

Management

Dr. Servera Ruiz de Velasco, Antonio

- Director of Endourology and Lithiasis at the Hospital of Manacor
- Urology Specialist at Juaneda Miramar Hospital
- Internship in Laparoscopic Pelvic and Retroperitoneal Surgery at Heidelberg University Hospital
- Scientific Researcher
- Director of 6 international Clinical Trials
- Internship in Robotic Surgery at the Institut Mutualiste Montsouris
- Internship in Laparoscopic and Percutaneous Surgery at the Italian Hospital of Buenos Aires
- PhD in Health Sciences from the University of the Balearic Islands
- Degree in Medicine and Surgery from the University of Zaragoza
- Member of the European College of Urology

Professors

Dr. Manso Aparicio, Coral

- Urologist at Río Hortega University Hospital
- Urologist at Grupo Recoletas
- Specialist in Endourology and Lithiasis
- Expert in Laparoscopic and Robotic Surgery
- Clinical Researcher
- Residency in Urology at the Río Hortega University Hospital
- Degree in Medicine from the University of Valladolid

Dr. Kanashiro Azabache, Andrés Koey

- Physician in the Department of Urology, Kidney Transplantation and Lithiasis at the Puigvert Foundation
- Urology Physician at the Sant Jaume Regional Hospital in Calella
- Clinical Researcher
- Urology Consultant at the Asepeyo Clinic
- Urology Residency at the Puigvert Foundation
- Degree in Medicine and Surgery from the Cayetano Heredia University of Peru
- Certification as a Fellow of the European Board of Urology
- Member of: European Association of Urology and Spanish Association of Urology

Dr. Ballesta Martínez, Begoña
- Head of the Urology Department at the Vinalopó University Hospital
- Expert Urology Physician at the Quirón Salud Torrevieja Group
- Urology Specialist at Nuestra Señora de Candelaria University Hospital
- Urologist at José Molina Orosa University Hospital
- Internship in Minimally Invasive Oncological and Reconstructive Surgery at the Royal Perth Hospital
- Urology Residency at Patras University Hospital
- PhD in Urology from the University of La Laguna
- Bachelor of Medicine from the Miguel Hernández University
- Member of the European Association of Urology

Dr. Angerri, Oriol
- Head of the Lithiasis Unit of the Urology Service at the Puigvert Foundation
- Urologist at the Corachan Clinic
- Urology Physician at the Red Cross
- Specialist in Urology at Dexeus Clinic
- Physician in Internal Medicine, Surgery, Pediatrics and Gynecology at the Clinical Hospital of Barcelona
- Internship at Karolinska Institute of Sweden
- Internship in the Department of Urology at the University of Miami
- Residency in Urology at Puigvert Foundation, Barcelona
- PhD in Research Proficiency from the Autonomous University of Barcelona
- Master's Degree in Tissue Engineering from the University of Granada
- Bachelor's Degree in Medicine and Surgery from the University of Barcelona
- Member of: Spanish Association of Urology and European Association of Urology

Dr. Emiliani Sanz, Esteban
- Doctor in the Lithiasis Unit at the Puigvert Foundation
- Editor of *"Actas Españolas de Urología"*
- Editor of "World Journal of Urology"
- Internship in Endourology and Lithiasis at Muljibhai Patel Urological Hospital
- Endourology and Kidney Stones Internship at Tenon Hospital
- Urology Residency at the Puigvert Foundation, Barcelona
- Degree in Medicine and Surgery from the Javeriana Pontifical University
- Certification as a Fellow of the European Board of Urology
- Member of: International Society of Urology and European Board of Urology Assessment Committee

Dr. Verri, Paolo
- Physician in the Department of Urology and Lithiasis at the Puigvert Foundation
- Urology Physician at the San Luigi Sanatorium
- Clinical Researcher
- Residency in Oncology and Renal Transplantation at the Puigvert Foundation
- PhD in Medicine and Surgery from the University of Brescia

Dr. Martínez Corral, María Elena
- Specialist Physician in Urology at the University Hospital Complex of Pontevedra
- Urologist at the Jiménez Díaz Foundation University Hospital
- Specialist in Lithiasis
- Clinical Researcher
- Expert in Endourology

Dr. Sebastián González, Mariano

- Head of the Endourology, Lithiasis and Laser Section at the Italian Hospital of Buenos Aires
- Director of the Laser Area of the Urology Department at the Italian Hospital of Buenos Aires
- Specialist in Endourology and Lithiasis Diseases
- Staff Physician, Renal Transplant Section at the Italian Hospital of Buenos Aires
- Residency in Urology at the Italian Hospital of Buenos Aires
- PhD in Urology from the Argentine Society of Urology
- Degree in Medicine from the H.A. Barceló Foundation
- Member of: Argentine Society of Urology, Endourological Society, International Society of Urology, Ecuadorian Society of Urology, Venezuelan Society of Urology, Mexican Society of Urology and Urological Association of Central America and the Caribbean

Dr. Rivero Cárdenes, Alberto

- Director of Endourology at the University Hospital of Burgos
- Urologist at San Roque Hospitals
- Expert in Urinary Lithiasis
- Physician at Recoletas Burgos Hospital
- Clinical Researcher
- Residency in Urology at the Río Hortega University Hospital
- Degree in Medicine and Surgery from the University of Santiago de Compostela
- Member of: Spanish Society of Urology, European Association of Urology and Endourological Society

Dr. Mendiola López, Alberto

- Orthopedic Surgeon and Traumatologist at HM Rosaleda Hospital
- Urologist at the General University Hospital of Alicante
- Clinical Researcher at the Institute of Health and Biomedical Research in Alicante
- Expert in Computer-Assisted Deformity Correction
- Specialist in Advanced 3D Printing for Bioreplicas
- Internship at La Paz Hospital
- Internship at Mayo Clinic
- Internship at Leeds Hospital
- Residency in Traumatology and Orthopedic Surgery at Hospital 12 de Octubre
- PhD in Medicine and Surgery from the University of Santiago de Compostela
- Official Master's Degree in Research in Clinical and Surgical
- Medicine from the Miguel Hernández University
- Master's Degree in Clinical Medicine from the Madrid Open University
- Degree in Medicine and Surgery from the University of Santiago de Compostelarnship at the Wolf Institute and Charité

Dr. Torrecilla Ortiz, Carlos

- Specialist in Urology at Clínica Delfos, Bellvitge Hospital
- National Coordinator of Lithiasis of the Spanish Association of Urology.
- Bachelor's Degree in Medicine and Surgery
- Specialist in Urology

Dr. Mora Christian, Jorge Alberto
- Specialist in Lithiasis, Endourology and Functional Pathology in Clinical Urology Bilbao
- Doctor in the Urology Department at Cruces University Hospital
- Urologist at Galdakao-Usánsolo Hospital
- Specialist in Advanced Renal Surgery
- Residency in Urology at Cruces University Hospital
- PhD in Medicine and Surgery from the Central University of Venezuela
- Master's Degree in Update in Urological Surgery from the Cardenal Herrera University
- University Expert in Lower Urinary Tract Surgery from the Cardenal Herrera University
- Certification as a Fellow of the European Board of Urology

Dr. Pérez Fentes, Daniel Adolfo
- Head of the Endourology and Lithiasis Unit of the Urology Service of the University Hospital Complex of Santiago de Compostela
- Founder and director of Medical Urogalia
- Urology specialist at Rosaleda HM Hospital
- Researcher in national and international research groups, and in competitive projects of the ISCIII and the European Union.
- Training instructor in Endourology and Endourological surgery
- Author of numerous book chapters and articles in national and international medical journals.
- Speaker in more than 100 courses and congresses worldwide.
- PhD in Medicine and Surgery from the University of Santiago de Compostela
- Degree in Medicine and Surgery from the University of Santiago de Compostela.
- Member of: Royal Academy of Medicine and Surgery of Galicia

Dr. Fernández Duque, Alicia
- Physician at the University Hospital Complex of Santiago de Compostela
- Specialist in Urology
- Clinical Researcher
- Residency in Internal Medicine at the University Hospital Complex of Santiago de Compostela
- Degree in Medicine from the University of Navarra

Dr. Cepeda Delgado, Marcos
- SACYL Area Specialist Physician
- Certified for Da Vinci Robotic Surgery by the Minimally Invasive Center IRCAD of Strasbourg.
- Training Stay in Robotic Surgery and Endourology at Virginia Mason Hospital in Seattle and Wake Forest Hospital in Winston-Salem.
- Associate Professor of Urology at the Faculty of Medicine of the University of Valladolid.
- PhD in Surgery and Medicine from the University of Valladolid
- Graduate in Surgery and Medicine from the University of Valladolid
- Diploma of the European Board of Urology by the European Association of Urology
- Member of: EULIS and ESUT

Dr. González Martín, Enrique
- Urologist at Río Hortega University Hospital
- Specialist in Urology
- Clinical Researcher
- Expert in Cadaver Dissection
- Laparoscopy Internship at La Fe University and Polytechnic Hospital
- Residency in Urology at the Río Hortega University Hospital
- Degree in Medicine from the Complutense University of Madrid

Dr. Bujons Tur, Ana

- Director of the Pediatric Urology Unit at the Puigvert Foundation
- Director of Operations at the Puigvert Foundation
- Urology Specialist at the Plató Hospital, Barcelona
- Principal Investigator at the Research Institute - Santa Creu i Sant Pau Hospital
- Internship in Urological Laparoscopy at the Free University of Brussels
- PhD in Medicine and Surgery from the Autonomous University of Barcelona
- Master's Degree in Cosmetic, Aesthetic and Anti-Aging Medicine from the University of Barcelona
- Master's Degree in Health Management and Administration from the University of Barcelona
- Bachelor's Degree in Medicine and Surgery from the University of Barcelona
- Member of: Ibero-American Society of Pediatric Urology, Educational Committee of the European Society of Pediatric Urology and European Society of Urology

Dr. Llanes González, Luis

- Head of the Urology Department at Getafe University Hospital
- Director of Urology at Torrejón University Hospital
- Specialist Urology Physician at Fuenlabrada University Hospital
- Clinical Researcher with an extensive scientific production
- Urologist at the Institute of Advanced Urological Surgery
- Urology Residency at the Medipol Clinic in Perpignan
- PhD in Medicine and Surgery from the Complutense University of Madrid
- Master's Degree in Health Management from the UNED
- Degree in Medicine and Surgery from the Autonomous University of Madrid
- Member of: European Association of Urology, Spanish Association of Urology, Madrid Urological Society and European Randomized Study of Screening for Prostate Cancer

Dr. Ortega Polledo, Luis Enrique

- Urology Specialist at the San Marcos Clinical Hospital
- Physician at the De la Peña, Hidalgo y Alonso Institute of Urology
- Urologist at the Clinical Hospital San Marcos
- Physician at Príncipe de Asturias University Hospital
- Physician at Gómez Ulla Central Defense Hospital
- Specialist in Endourology, Laparoscopic Surgery and Robotics
- Endourology Internship at IRCSS Ospedale San Raffaele Turro
- Robotic Surgery and Holmium Laser Internship at the Medical University of Graz
- Urology Residency at Príncipe de Asturias University Hospital
- Bachelor of Medicine from the Austral University of Buenos Aires

Dr. García Fadrique, Gonzalo

- Director of the Urologic Oncology Unit at Manises Hospital
- President of the Valencian Community Urology Association
- Expert in Laparoscopic Surgery
- Specialist Urology Physician at La Fe Hospital
- Clinical Researcher
- PhD in Health Sciences with specialization in Urology from the Catholic University of Valencia
- Master's Degree in Advanced Prostate Cancer from the University of Salamanca
- Bachelor's Degree in Medicine from the University of Valencia
- Certification as Fellow of the European Board of Urology
- Member of: European Association of Urology, Spanish Association of Urology and Association of Urology of the Valencian Community

Dr. Castillón Vela, Ignacio Tomás

- Urologist specializing in Laparoscopy, Robotic Surgery, Urological Oncology and Renal Transplantation at the Hospital Nuestra Señora del Rosario in Madrid.
- Specialist in Urology, HU Puerta de Hierro Majadahonda
- Specialist in Urology, University Hospital Madrid Torrelodones
- Urologist Responsible for the Laparoscopic Surgery Program at the San Carlos Clinical Hospital
- Specialist in Renal and Pancreatic Transplants at the National Institute of Transplantation in Los Angeles (USA).
- Doctor of Medicine and Surgery from the Autonomous University of Madrid
- Bachelor's Degree in Medicine from the Autonomous University of Madrid
- Master's Degree in Medical Management and Clinical Management by the UNED
- University Expert in e-learning 2.0, e-learning and on-line training

Dr. Cadillo-Chávez, Ronald

- Physician and Surgeon at the Center for Advanced Urology and Robotic Surgery
- Surgeon at the Edgardo Rebagliati Martins National Hospital
- Expert in Robotics, Oncology and Reconstructive Surgery
- Peruvian Marine Corps doctor
- Researcher in the Kidney Transplant Program
- Urology Residency at the Puerto Rico College of Medicine
- PhD in Medicine and Surgery from the National University of San Marcos
- Master's Degree in Urology from the National University of San Marcos
- Master's Degree in General Surgery from the University of Puerto Rico

Dr. Cogorno Wasylkowski, Leopoldo

- Urology Specialist at La Princesa University Hospital
- Urologist at Infanta Sofía University Hospital
- Doctor at Nuestra Señora del Rosario Hospital
- Physician at LYX Urology
- Urologist at HM Torrelodones University Hospital
- Specialist in Urological Oncology
- Expert in Laparoscopic Surgery, Thoracoscopy and Robotics
- Residency in Urology at the Santa Bárbara Hospital in Soria
- Master's Degree in Advanced Prostate Cancer from the University of Salamanca
- Master's Degree in Comprehensive Management of Localized, Advanced and Metastatic Renal Cancer
- Bachelor's Degree in Medicine and Surgery from the Central University of Venezuela
- Certification as a Fellow of the European Board of Urology
- Member of the European Association of Urology

Dr. Martínez Siquier, Lidia

- Robotic Surgical Nurse at Quirónsalud Rotger Clinic
- Adult and Pediatric Hospitalization Nurse at Quirónsalud Rotger Clinic
- Day Hospital and Oncology Nurse at Quirónsalud Rotger Clinic
- Advanced Life Support Specialist
- Expert in Innovation in Operating Room and Sterilization Management
- Laparoscopic and Robotic Surgery Specialist
- Degree in Nursing from the University of the Balearic Islands

Dr. Del Pozo Jiménez, Gema

- Specialist in Urology at the Gregorio Marañón University Hospital
- Urologist at Zarzuela Hospital
- Medical expert in Urology at HM Torrelodones Hospital
- Specialist in Laparoscopic, Thoracoscopic and Robotic Surgery
- Physician at Nuestra Señora del Rosario University Hospital
- Residency in Urology at Puerta de Hierro Hospital in Majadahonda
- PhD in Health Sciences from the Complutense University of Madrid
- Master's Degree in Comprehensive Medical and Surgical Management of Renal Cancer from the University of Salamanca
- Master's Degree in Medical Expertise and Bodily Injury Assessment from the University of Alcalá
- Master's Degree in Health Research Methodology from the Autonomous University of Barcelona
- Master's Degree in Advanced Prostate Cancer from the University of Salamanca
- University Expert in Advanced Urological Surgery from the European University
- Bachelor's Degree in Medicine and Surgery from the University of Alcalá

Dr. González Lara, Diego Mauricio

- Urologist at Dr. Balmis General University Hospital
- Nephrology Physician at Toledo University Hospital Complex
- Urology Residency at Dr. Balmis General University Hospital of Alicante
- Degree in Medicine and Surgery from the Universidad Mayor de San Simón

Dr. Romero Jiménez, Alma María

- Surgical Nurse at the Hospital of Manacor
- Surgical Nurse at the Hospital Son Espases
- Surgical Nurse at the Hospital Son Llatzer
- Surgical Nurse at the Hospital Llevant
- Instrumentalist Nurse at Palex Medical
- Neurosurgery Instrumentalist Nurse at Vithas Sevilla Hospital
- Expert in Oxygen Therapy and Mechanical Ventilation for critical patients
- Master's Degree in Pharmacotherapy for Nursing from the University of Valencia
- University Expert in Emergencies and Urgencies from the Open University of Madrid
- University Expert in Minor Surgery for Nursing from the Pablo de Olavide University
- Diploma in Nursing

Dr. Galán Llopis, Juan Antonio

- Chief of the Urology Departments of the HGU of Alicante
- Chief of the Urology Service of Vinalopó Hospital
- Manager of the Urological Clinic Juan Antonio Galan
- Coordinator of the Childhood Mental Health Unit, Alicante University General Hospital
- Specialist in Urology at the General University Hospital of Elche
- Coordinator of the Urolithiasis Group of the Spanish Association of Urology.
- Author of numerous scientific articles from his specialty
- Doctor of Medicine and Surgery from the University of Valencia

08

Certificate

The Postgraduate Diploma in Advanced Surgery in the Treatment of Renal Lithiasis guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Diploma 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 Diploma in Advanced Surgery in the Treatment of Renal Lithiasis** 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 Diploma in Advanced Surgery in the Treatment of Renal Lithiasis**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**


tech global university

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

Postgraduate Diploma in Advanced Surgery in the Treatment of Renal Lithiasis

This is a private qualification of 540 hours of duration equivalent to 18 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

Dr. Pedro Navarro Illana
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates

*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.

tech global university

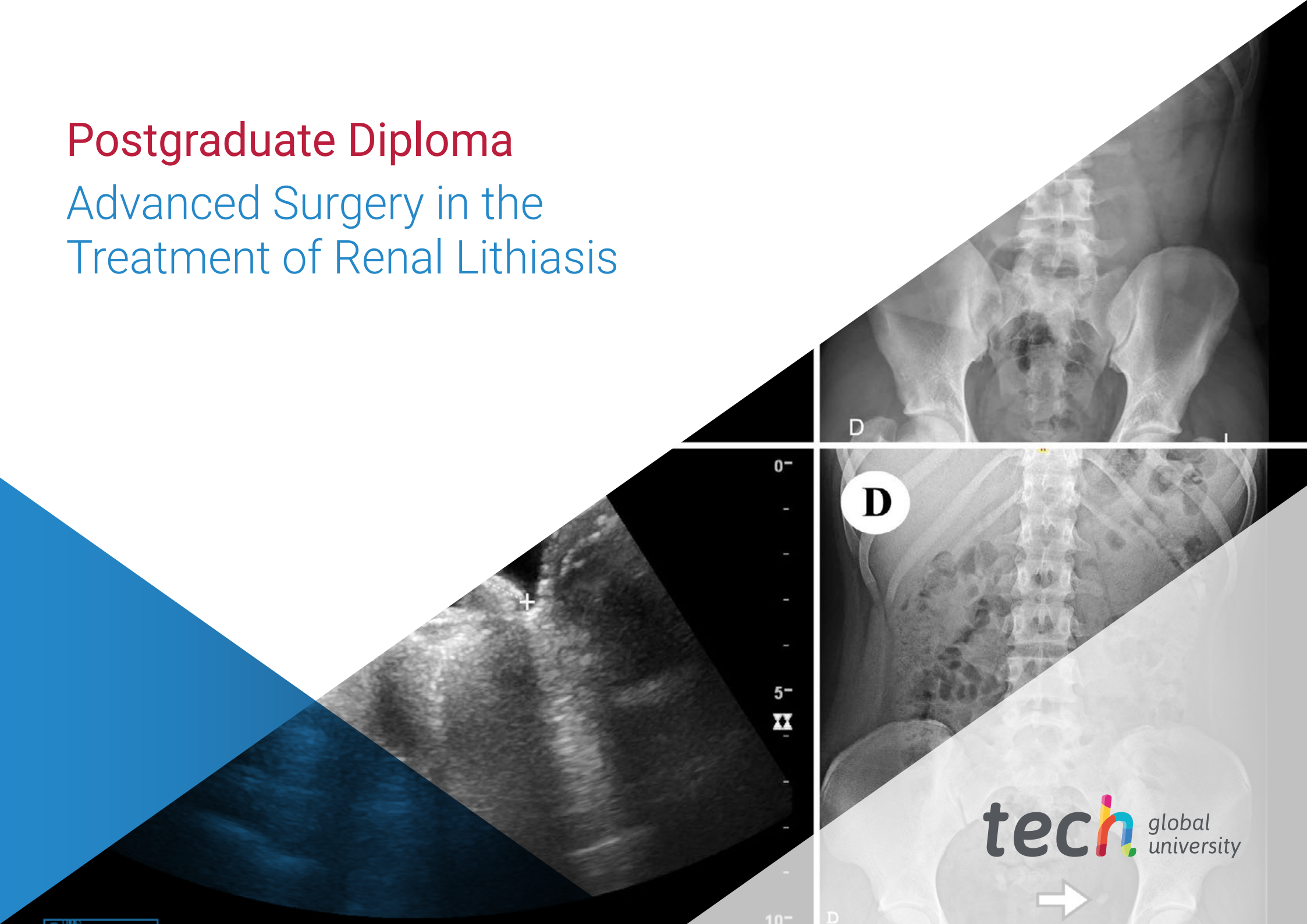
Postgraduate Diploma

Advanced Surgery in the Treatment of Renal Lithiasis

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Accreditation: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Diploma

Advanced Surgery in the Treatment of Renal Lithiasis



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