

# Postgraduate Certificate

## Diagnostic and Therapeutic Techniques Urologic Surgery





## Postgraduate Certificate Diagnostic and Therapeutic Techniques on Urologic Surgery

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

Website: [www.techtute.com/in/medicine/postgraduate-certificate/diagnostic-therapeutic-techniques-urologic-surgery](http://www.techtute.com/in/medicine/postgraduate-certificate/diagnostic-therapeutic-techniques-urologic-surgery)

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# 01

# Introduction

In recent years, diagnostic and therapeutic procedures in urological surgery have evolved along with technology and new surgical techniques. Therefore, the specialist physician must keep himself/herself constantly up to date. This program is designed to help you keep up to date with these advances through the latest educational technology, in a practical way and adapted to your needs.





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*The new scenarios push us to propose new training programs that meet the real needs of professionals, so that they can incorporate the advances in diagnostic and therapeutic procedures in urology into their daily clinical practice"*

In the Urology specialty, it is generally the urologist or urology resident who must perform the explorations and diagnostic and therapeutic techniques in diseases related to the specialty, although we often need the support of other specialists such as radiologists or pathologists, nuclear medicine specialists and also nurses.

Specialized physicians must be kept up to date in order to provide quality care that guarantees safety and improves patient prognosis.

This Postgraduate Certificate addresses all the tests that the urology specialist must know for the correct performance of the specialty, in an up-to-date manner.

This **Postgraduate Certificate in Diagnostic and Therapeutic Techniques on Urologic 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
- ♦ Its graphic, schematic and practical contents provide scientific and assistance information on those medical disciplines that are essential for professional practice
- ♦ Update on surgical procedures in the urological system
- ♦ Diagnostic and therapeutic techniques in urological pathology with surgical indication.
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ All of 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 advances in diagnostic and therapeutic techniques in urological surgery"*

“

*This Postgraduate Certificate is the best investment you can make when selecting an up-to-date program for two reasons: in addition to updating your knowledge in Diagnostic and Therapeutic Techniques in Urological Surgery, you will obtain a qualification from TECH Technological University"*

In its teaching staff, it includes a team of leading urologists, who bring to this training the experience of their work, as well as recognized specialists in other medical areas.

Thanks to its multimedia content developed with the latest educational technology, this Postgraduate Certificate will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, they 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 developments in the management of diagnostic and therapeutic techniques in urological surgery to your surgical practice and improve the prognosis of your patients.*

*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 allow the incorporation of the latest advances in urological pathology techniques, so that the specialist can update his knowledge in a practical way, with the latest educational technology and adapting the educational process to his real needs.







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*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”*



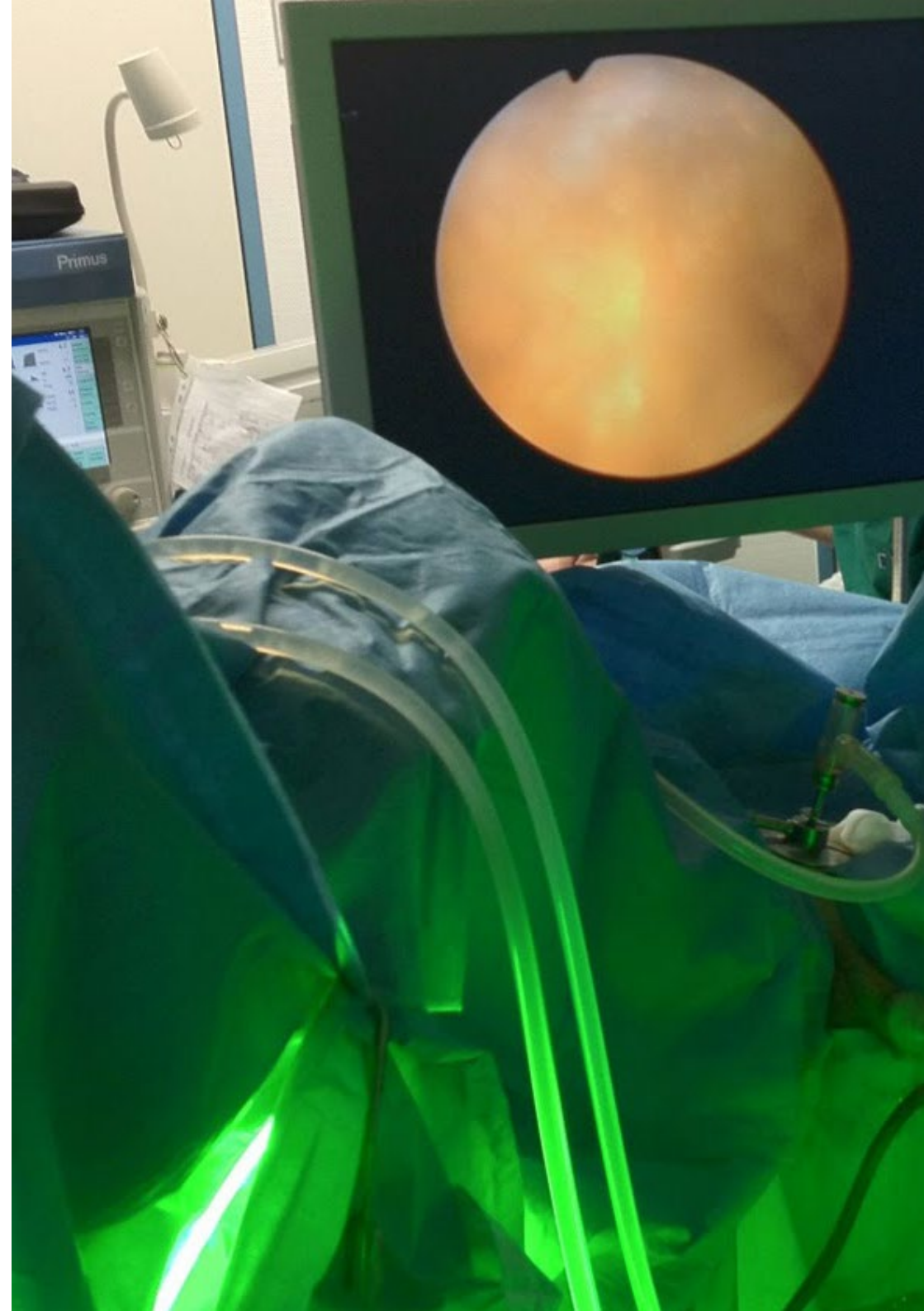
## General Objective

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- Update the specialist in basic urological examination techniques and urological diagnostic tests and other complementary specialties that help us to diagnose and treat the urological patient

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*Seize the opportunity and take the step to get up to date in the most important aspects of diagnostic and therapeutic techniques in urological surgery”*





## Specific Objectives

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- ◆ Recognize the importance of the laparoscopic living donor nephrectomy procedure and hand-assisted nephrectomy
- ◆ Distinguish the different endoscopic techniques in urological surgery
- ◆ Explain the appropriate cases to use intravesical instillation drugs and which ones
- ◆ Interpret echo-graphic images as a diagnosis method in urology



03

# Course Management

The creation of the materials has been carried out by a team of leading professionals in the field of urological surgery, who carry out their professional activity in prestigious hospitals. Additionally, other recognized specialists participate in its design and preparation, which means that the scientific program is developed in an interdisciplinary manner.







“

*Learn from leading professionals the latest advances in diagnostic and therapeutic techniques in urological surgery”*

## International Guest Director

Dr. Andrew Jason Cohen is a world-renowned physician in the field of Urology. He is a clinical expert with more than a decade of practical experience in complex genitourinary reconstruction, demonstrating comprehensive management of erectile dysfunction, urinary incontinence, stricture diseases of the urinary system, Peyronie's disease, genital skin conditions, urinary detour and other benign urological pathologies. In addition, **he has been a reference in the field of Robotic Surgery** through the detailed study and application of the multiple techniques that are currently known.

He has managed to shape himself as such thanks to an extensive academic career of the highest level, which includes **two degrees with summa cum laude honors** (in Chemical Engineering and Medicine), as well as a PhD in the latter scientific branch. In addition, his excellence earned him a **Clinical Fellowship in Trauma and Reconstructive Surgery at the University of California, San Francisco School of Medicine**. On the other hand, his prestige has also been recognized by the Alpha Omega Alpha Honor Society, which has included him as a member.

In addition to all this, he has an extensive and multidisciplinary career in **international reference centers in the context of Urology**: specialist at Mitchell-Hyde Park Hospital, director of Urological Trauma and Reconstructive Surgery at the Brady Urological Institute at Bayview Medical Center and as director of Traumatology and Urological Reconstructive Surgery at the very important **Johns Hopkins Medicine**. In addition, he has authored dozens of research articles indexed in major scientific journals, activity that has combined, in turn, with teaching in several subjects of the Degree in Medicine and Surgery.



## Dr. Cohen, Andrew Jason

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- Director of Urological Trauma and Reconstructive Surgery at the Brady Urological Institute at Bayview Medical Center
- Assistant Professor of Urology
- Ph.D. in Medicine from the University of Chicago Pritzker School of Medicine
- B.S. in Chemistry and Chemical Engineering from the University of Florida (summa cum laude honors)
- M.D., University of Florida (summa cum laude honors)
- Urology Residency at Mitchell-Hyde Park Hospital, University of Chicago Medicine
- Clinical Fellowship in Trauma and Reconstructive Surgery at the University of California, San Francisco School of Medicine
- Member of Alpha Omega Alpha Honor Society
- Author of more than a dozen scientific articles indexed in PubMed

“

*Thanks to TECH you will be able to learn with the best professionals in the world”*

## Professors

### Dr. Prieto Chaparro, Luis

- ◆ Specialist in Urology at the Elche General University Hospital
- ◆ Emergency Department, Príncipe de Asturias University Hospital, Alcalá de Henares
- ◆ Specialist Physician at the Virgen de los Lirios Hospital
- ◆ Faculty Specialist at the University Hospital of San Juan
- ◆ Doctor "Cum Laude" from the Complutense University of Madrid.
- ◆ Permanent Board of Directors Treasurer elected position of the AEU
- ◆ Treasurer of SINUG, Iberoamerican Society of Neurourology and Urogynecology
- ◆ Member of the Board of Directors of Spanish Association of Urology
- ◆ Elected National Coordinator of the Female Functional Urology and Urodynamics Group
- ◆ Member of the Valencian and Murcian Association of Urology

### Dr. Moreno Sierra, Jesús

- ◆ Head of Urological Robotic Surgery at San Carlos Clinical Hospital
- ◆ President and Honorary Member of the Spanish Society of Laparoscopic and Robotic Surgery
- ◆ Researcher of the Foundations San Carlos Clinical Hospital
- ◆ Project evaluator in national agencies
- ◆ Editor of the Urology section of the SECLA Endosurgery journal
- ◆ PhD in Medicine from the Complutense University of Madrid
- ◆ Specialization studies at the Karolinska Institute in Stockholm, the European Telesurgery Institute in Strasbourg and the Alst Hospital in Brussels
- ◆ Postgraduate Diploma in Clinical Units by UNED Member of: Board of Directors of the Spanish Association of Urology, Board of Directors of the Urological Society of Madrid, Editorial Committee of the Archivos Magazine





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- ◆ Co-Director of Urosalud, Urology Unit of the Hospital Casa de Salud of Valencia
- ◆ Private activity at the Glorieta Clinic
- ◆ Assistant urologist at the IVO Foundation, subspecialized in Laparoscopic and Minimally Invasive Surgery
- ◆ Monitor and teacher of various courses and programs of Laparoscopic Surgery with Live Surgeries at national and international meetings
- ◆ Doctor "Cum Laude" from the University of Valencia
- ◆ Degree in Medicine from the University of Navarra
- ◆ Specialist in Urology La Fe University Hospital, Valencia.
- ◆ Fellow in Laparoscopic Radical Prostatectomy at University Clinic Leipzig
- ◆ Master's Degree in Molecular Oncology at CNIO and CEB
- ◆ Member of the Editorial Committee of the scientific journal "Spanish Archives of Urology"
- ◆ Member of the team of reviewers of the "International Journal of Urology" and "World Journal of Urology"
- ◆ Member of the Valencian, Spanish and Murcian Association of Urology
- ◆ Member of the International Association of Endourology and Laparoscopy

**Dr. Fernández Arjona, Manuel**

- ◆ Chief of the Urology Service of the HU of Henares
- ◆ Urologist at Fuensanta Hospital
- ◆ Urologist collaborating with the Institute of Sexual Medicine
- ◆ Author of more than 100 published in journals
- ◆ Teacher in postgraduate studies in Medicine
- ◆ PhD in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Master's Degree in Hospital Management

### Dr. Vázquez Alonso, Fernando

- ♦ Urology Department. Virgen de Las Nieves University Hospital
- ♦ PhD from the University of Granada
- ♦ Faculty Specialist in Urology Unit Virgen de Las Nieves Hospital
- ♦ Member of the Tumor Committee and Resident Tutor. University of Granada
- ♦ Postgraduate Diploma in Uro-oncology and Renal Transplantation
- ♦ Graduate in Medicine and Surgery from the Miguel Hernández University
- ♦ Specialist in Urology from General Hospital of Alicante
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- ♦ Head of the Urology Department at Pontevedre Hospital Complex (CHOP)
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- ♦ Degree in Medicine and Surgery from the Faculty of Medicine from the Santiago de Compostela University
- ♦ Specialist in Urology A Coruña Hospital Complex
- ♦ Master's Degree in Medical and Clinical Management UNED
- ♦ Stay at Jackson Memorial Hospital. University of Miami. Endourology and Urologic Oncology
- ♦ Stay at Mayo Clinic Jacksonville. Urological Oncology
- ♦ Stay at Erasme Hospital in Brussels. Urological Laparoscopy
- ♦ Member of the Spanish Association of Urology
- ♦ Member of the Galician Society of Urology

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- ♦ Director of the Urology Clinical Management Unit
- ♦ Head of Service and Director of the Urology Clinical Management Unit. Puerta del Mar University Hospital, Cadiz
- ♦ Urology Associate Professor at Puerta del Mar University Hospital
- ♦ Principal investigator in several phase II, III and IV clinical trials
- ♦ Former National Coordinator of Endourology. Laparoscopy and Urological Robotics of the Spanish Association of Urology
- ♦ Author of multiple publications in specialized journals
- ♦ Participant in congresses and meetings as speaker
- ♦ Doctor of Medicine. Cádiz University
- ♦ Degree in Medicine. Cádiz University
- ♦ Member of Spanish Association of Urology, European Association of Urology, American Association of Urology, Spanish Society of Laparoscopic Surgery, Iberoamerican Society of Neurology and Urogynecology, Andalusian Society of Urology, Galician Society of Urology

### Dr. Coloma Del Peso, Almudena

- ♦ Urology Specialist with expertise in Pelvic Floor and Urethral Reconstructive Surgery
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- ♦ Urologist specializing in Urogynecology at Lyx Urology
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- ♦ Physician and Consultant Specialist in Urology and Robotic Surgery
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- ♦ Doctorate in Medicine from the Autonomous University Madrid
- ♦ Degree in Medicine from the Complutense University of Madrid
- ♦ University Master's Degree in Prostate Cancer at the University of Salamanca
- ♦ Master's Degree in Uro-oncology at the San Pablo CEU University of Madrid
- ♦ Member of EAU, AEU, SUM

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- ♦ Utility of PSA-Complex in the diagnosis of prostate carcinoma. Spanish Urology Archives

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- ♦ Lecturer in numerous national and international Conferences
- ♦ Author of scientific publications and essays and editor of the book *Perspectivas históricas, presente y futuro de laparoscópica Urológica cirugía*





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- ♦ Teacher in university studies of Medicine and in training courses for doctors

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- ♦ Radiologist in Inscanner, S.L
- ♦ Degree in Medicine and Surgery from the University of Miguel Hernández de Elche
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid

**Dr. González Cabezas, Pedro**

- ♦ Head of the Nuclear Medicine Department, Vinalopó University Hospital
- ♦ Specialist in Nuclear Medicine at Quirónsalud Torrevieja Hospital
- ♦ Degree in Medicine from the University of Valencia
- ♦ Specialist in Nuclear Medicine at La Fe University Hospital
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**Dr. Álvarez Rodríguez, Sara**

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- ♦ Resident Intern. Urology. Ramón y Cajal University Hospital
- ♦ Doctor of Medicine. Valladolid
- ♦ Degree in Medicine. Valladolid
- ♦ Master's Degree in Molecular Oncology. National Cancer Research Center
- ♦ Specialization Diploma in Urological Ultrasound. University of Zaragoza
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- ♦ Member of the European Board of Urology

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- ♦ Specialist in Urology at La Fe University Hospital
- ♦ PhD in Medicine from the University of Valencia

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- ♦ Interventional Radiologist in Hospital Quirónsalud Torrevieja
- ♦ Physician at the service of Diagnostic Imaging. Quirónsalud Palmaplanas Hospital

**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 RosaledaHM
- ♦ 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 the Royal Academy of Medicine and Surgery of Galicia

**Dr. Cansino Alcaide, Ramón**

- ♦ Head of Section of Endourology and Lithiasis at La Paz University Hospital
- ♦ Doctor Specialist in Urology at La Paz University Hospital
- ♦ Urologist at the University Hospital Vithas Madrid La Milagrosa
- ♦ Lecturer in Urology training courses and postgraduate studies
- ♦ Regular speaker at European and Spanish Urological Association Congresses
- ♦ Member of the International Urolithiasis Alliance
- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid



**Dr. Subirá Ríos, David**

- ♦ Head of the Robotic and Laparoscopic Unit. Gregorio Marañón University Hospital
- ♦ Head of the Oncological Urology Department La Zarzuela - Sanitas University Hospital
- ♦ Physician at the service of Laparoscopy, renal transplantation. Gregorio Marañón University Hospital
- ♦ Degree in Medicine and Surgery. Navarra University
- ♦ Specialist in Urology Gregorio Marañón University Hospital
- ♦ Attending Physician Complutense University of Madrid

**Dr. Cózar Olmo, José Manuel**

- ♦ Urology specialist with expertise in Prostate Cancer
- ♦ Chief of the Urology Department of the Virgen de las Nieves Hospital
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- ♦ Author of hundreds of articles published in scientific journals
- ♦ President of the Spanish Association of Urology
- ♦ Teacher in university studies related to Medicine

**Dr. Díez Nicolás, Víctor**

- ♦ Urology FEA in the Renal Surgery and Transplant Unit of the Ramón y Cajal Hospital
- ♦ Specialist Urology Physician at Hospital Quirónsalud Madrid
- ♦ Clinical Teacher in university studies
- ♦ Author and coauthor of 9 book chapters
- ♦ Author and co-author of 18 publications
- ♦ Speaker at more than 80 Urology Congresses at national and international level
- ♦ Accreditation of Robotic Surgery with Da Vinci - Intuitive system





**Dr. Peri Cusi, Lluís**

- ♦ Head of Functional and Reconstructive Urology Section, Hospital Clínic de Barcelona
- ♦ Coordinator of the Functional and Reconstructive Urology Section of the Catalan Society of Urology
- ♦ Researcher in the project "Clinical Validation of the Surgical Robot"
- ♦ Author of several national and international books and book chapters
- ♦ Co-author of the development of the micturition diary as a mobile application eDM3D
- ♦ Doctor of Medicine from the University of Barcelona
- ♦ Degree in Medicine from the University of Barcelona
- ♦ Member of Sociedad Iberoamericana de Neurología y Uro Ginecología (SINUG, EAU Section of Transplantation, Grupo de Trabajo de Trasplante Renal y Urología, Femenina, Funcional y Urodinámica de la Sociedad Española de Urología, Sociedad Catalana de Urología, Sociedad Europea de Urología, European Society of Urology

**Dr. Fernández González, Inmaculada**

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- ♦ Head of the Urology team at Complejo Hospitalario Ruber Juan Bravo
- ♦ Urologist at Quirón San Camilo Hospital
- ♦ Urology at La Princesa University Hospital
- ♦ Author of numerous scientific articles from Urology
- ♦ Teacher Associate in university studies

**Dr. Cecilia Bernal, Vanesa**

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**Dr. Benejam Gual, Joan**

- ♦ Head of the Urology Department in Fundación Manacor Hospital
- ♦ Urologist at Juaneda Clinic
- ♦ Urologist at Fertility Center
- ♦ Urologist at Inca
- ♦ Principal investigator and collaborator in several projects on Urology
- ♦ Doctor in Health Sciences, University of Balearic Islands
- ♦ Postgraduate Certificate in Laparoscopic Urological Surgery from the University of Strasbourg
- ♦ Winner Urology Service Foundation Hospital de Manacor to the best Patient Service

**Dr. Hevia Palacios, Vital**

- ♦ Head of the Kidney Unit at ROC Clinic
- ♦ Specialist in Urology at HM Sanchinarro Hospital
- ♦ Urology Specialist in the Hospitalization Unit and Cardio-Diabetes Unit at the Ramón y Cajal University Hospital
- ♦ Doctor of Medicine and Surgery from the University of Alcalá
- ♦ Degree in Medicine from the University of Oviedo
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- ♦ 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 the Royal Academy of Medicine and Surgery of Galicia

**Dr. Rosales Bordes, Antonio**

- ♦ Head of the Urology Clinical Unit and Laparoscopy Coordinator of the Puigvert Foundation
- ♦ Urologist at Sagrat Cor University Hospital
- ♦ Member of the Renal transplant surgical team of the Puigvert Foundation
- ♦ Member of the Oncological Urology Unit of the Urology Service of the Puigvert Foundation
- ♦ Doctor in Medicine and Surgery from the Autonomous University of Barcelona
- ♦ Member of the Spanish Association of Urology and the European Association of Urology
- ♦ Member of the Royal Academy of Medicine and Surgery of Catalonia

**Dr. Palmero Martí, José Luis**

- ♦ Doctor Specialist in Urology at Vithas Aguas Vivas Hospital
- ♦ Medical Specialist in the Area of Endourology
- ♦ Head of the Lithotripsy and Endourology Unit at Ribera Salud
- ♦ Medical advisor to several companies in development
- ♦ Training instructor in the field of Endourology.
- ♦ Speaker at various national and international conferences and congresses
- ♦ Author of numerous publications in scientific journals
- ♦ Author of the books Urinary recurrent infection and Urinary reservoirs continents
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Member of the Valencian and Murcian Association of Urology, Spanish Society of Laparoscopic Surgery, Spanish Association of Urology, International Society of Endourology

**Dr. Amón Sesmero, José Heriberto**

- ♦ Chief of the Urology Section and Coordinator of Robotic Surgery
- ♦ Director of the Recoleta Urological Institute
- ♦ Head of the Urology Department Río Hortega Hospital Valladolid
- ♦ Former National Coordinator of the Endourology and Laparoscopy Group of the Spanish Urology Association
- ♦ Associate Professor of the Faculty of Medicine of Valladolid
- ♦ PhD from the University of Valladolid
- ♦ Degree in Medicine and Surgery. Valladolid
- ♦ Specialization in Urology. Necker Hospital - Enfants Malades of Paris
- ♦ Resident at the University Clinical Hospital of Valladolid

**Dr. Budía Alba, Alberto**

- ♦ Section Chief of the Lithotripsy and Endourology Unit at the Hospital Universitario y Politécnico La Fe de Valencia
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- ♦ Associate Professor at the University of Valencia
- ♦ Cum Laude PhD in Medicine and Surgery, ULV
- ♦ Degree in Medicine and in ULV Surgery
- ♦ Master in Management and Organization of Hospitals and Health Services by the Polytechnic University of Valencia
- ♦ Member of EULIS, EAU

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- ♦ Director of the Urology Clinical Management Unit at HU Central de Asturias
- ♦ Urology specialist at the university Central Hospital of Asturias (HUCA)
- ♦ Author of a large number of articles published in scientific journals related to his specialty
- ♦ Teacher in university studies of Medicine
- ♦ Director of Actas Urológicas Españolas

**Dr. Bourdouis, Andreas**

- ♦ Specialist in Urology
- ♦ Urologist at The Royal Oldham Hospital
- ♦ Author of dozens of scientific publications
- ♦ Co-author of the Minimally Invasive Surgery research project

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- ♦ Area Specialist Physician at SACYL
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- ♦ 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, ESUT

**Dr. Cao Avellaneda, Enrique**

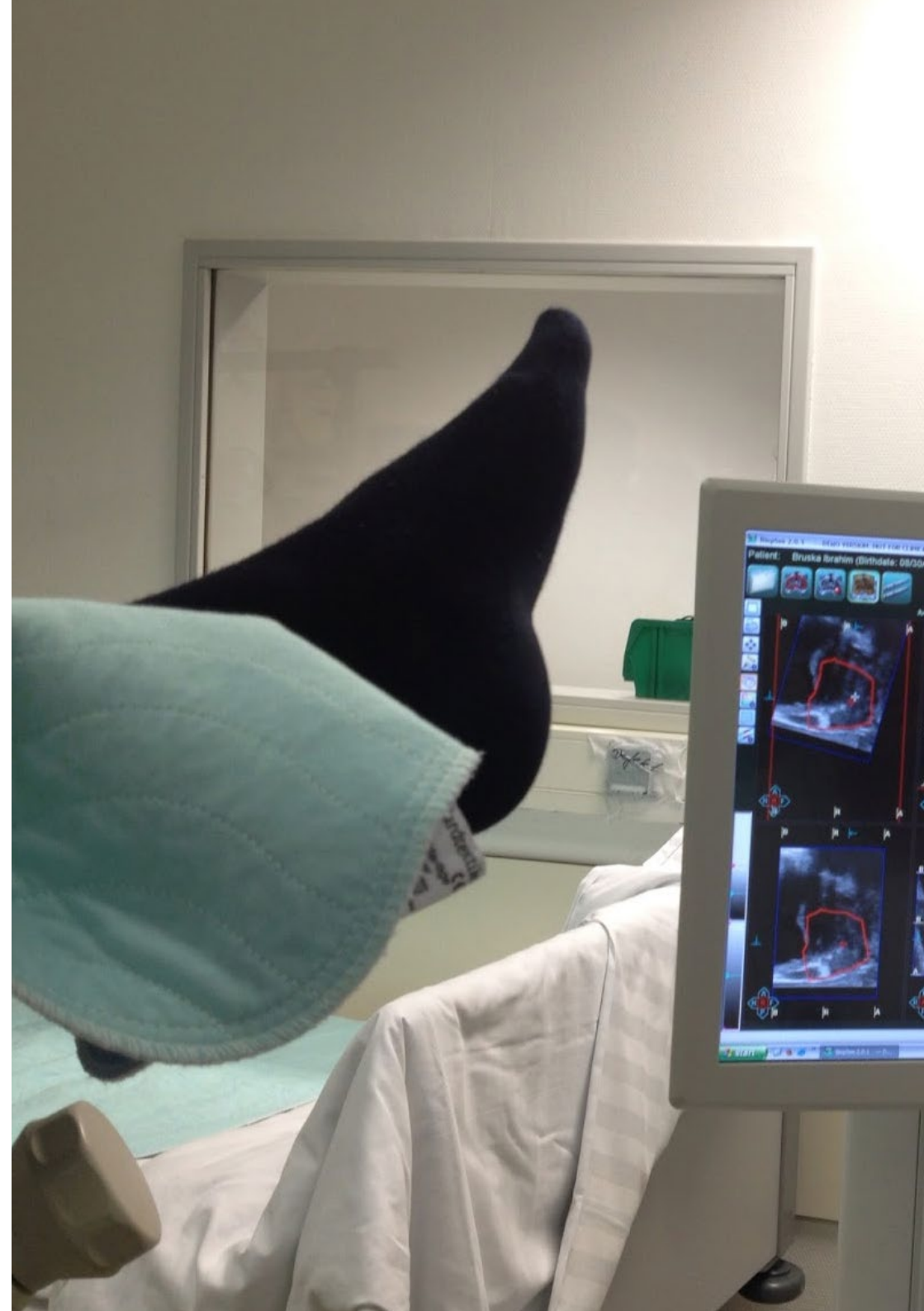
- ♦ Specialist in Urology expert in Endourology and Lithiasis
- ♦ Head of Section of Endourology and Lithiasis at Mesa del Castillo Hospital
- ♦ Urologist at the Perpetuo Socorro Hospital
- ♦ Urologist at the Santa Lucía Hospital
- ♦ Author of several scientific articles on Urology published in national and international journals
- ♦ Professor in postgraduate university studies.
- ♦ Doctor of Medicine from the University of Murcia
- ♦ Master's Degree in Research Methodology from the Autonomous University of Barcelona

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- ♦ Scientific Collaborator at the European University of Cyprus
- ♦ Councilor of the Oncological Urology Section of the European Association of Urology
- ♦ Secretary of the Hellenic Urological Association
- ♦ Secretary General of the Hellenic Genito-Urinary Cancer Group
- ♦ Secretary General of U-Merge (Urology in Emerging Countries)
- ♦ Vice-Chairman of the EBU Review Committee
- ♦ Author of more than 300 published scientific articles
- ♦ Speaker at international congresses, workshops and courses
- ♦ Doctor of Medicine from the University of Athens
- ♦ Degree in Medicine from the University of Patras
- ♦ Master in Health Management from the Hellenic Open University
- ♦ Board Member of uCARE SIU, SIU Academy Endourology, Board of the IUA, Board of the IMBE, Board of the Scientific Committee of the European Medical Association, Editorial Board of more than 30 medical journals

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- ♦ National Coordinator of Lithiasis of the Spanish Association of Urology
- ♦ Degree in Medicine and Surgery
- ♦ Specialist in Urology







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- ◆ 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, HU Madrid Torrelodones
- ◆ Urologist Responsible for the Laparoscopic Surgery Program at the Hospital Clínico San Carlos
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- ◆ PhD in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Degree in Medicine from the Autonomous University Madrid
- ◆ Master's Degree in Medical Management and Clinical Management by the UNED
- ◆ Postgraduate Diploma in e-learning 2.0, e-learning and on-line training

### Dr. Domínguez Escrig, José Luis

- ◆ Researcher and Specialist in Urology
- ◆ Co-founder and co-director of Urosalud
- ◆ Urology specialist at Urosalud
- ◆ Principal investigator in the Urology Service of the Valencian Institute of Oncology
- ◆ Lecturer and researcher at international universities
- ◆ Participation in 3 books and more than 30 scientific publications
- ◆ Speaker in more than 20 national and international congresses
- ◆ Deputy Editor-in-Chief of the Spanish Journal of Oncology Research Groups
- ◆ Doctor of Medicine from the University of Newcastle

**Dr. Caballero Romeu, Juan Pablo**

- ♦ Urologist at Alicante General University Hospital
- ♦ Specialist in Urology at the General University Hospital of Elche
- ♦ Urology Specialist at Monumental Clinic
- ♦ Urology specialist at Vithas Medimar Hospital
- ♦ Collaborating researcher in several R&D projects
- ♦ Author of several scientific publications
- ♦ Doctor of Medicine from the University Miguel Hernández
- ♦ Master CAP AEU-University of Salamanca in Advanced Prostate Cancer
- ♦ Master in Integral Medical and Surgical Management of Localized, Advanced and Metastatic Renal Cancer by AEU-University of Salamanca

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- ♦ FEA in Urology at the Valme University Hospital
- ♦ Professor in undergraduate and postgraduate university studies related to Medicine
- ♦ Author of hundreds of scientific articles related to his specialty
- ♦ President of the Andalusian Association of Urology
- ♦ Doctor of Medicine and Surgery

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- ♦ National Coordinator of the Urological Oncology Group of the Spanish Association of Urology
- ♦ Vicepresident of the Andalusian Association of Urology

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- ♦ Chief of the Urology Department, Virgen del Mar Hospital
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- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
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- ♦ Surgical Leadership Program at Harvard Medical School
- ♦ Fellow in Urology, Robotics and Sexual Medicine at Cornell University

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- ♦ Professor of Urology at University of Aga Khan
- ♦ Doctorate in Medicine from the Bern University of Applied Sciences
- ♦ Degree in Medicine from the University of Münster
- ♦ Master's Degree in Urology at the University of Basilea
- ♦ Postgraduate Research on Micromolecules of the urinary crystalline matrix

**Dr. Blasco Beltrán, Benjamín**

- ♦ Specialist in Urology
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- ♦ Co-author of diverse articles published in scientific journals
- ♦ Teacher in postgraduate programs

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- ◆ Head of the Pediatric Urology Unit. General University Hospital Complex in Valencia
- ◆ Specialist of the Prostate and Stui (Lower Urinary Tract) Section. General University Hospital Complex in Valencia
- ◆ Specialist in Pediatric Urology, La Fe University and Polytechnic Hospital Valencia
- ◆ Degree in Medicine and Surgery from the University of Valencia
- ◆ Urology Specialist Degree
- ◆ Diploma of Advanced Studies and Doctoral Courses by the Autonomous University of Barcelona
- ◆ Fellow of the European Board of Urology by the EBU
- ◆ Master's Degree in Quantitative and Analytical Methods for Evidence-Based Medicine by the UNED (Spanish National University of Distance Education)
- ◆ Master's Degree in Pediatric Urology from the International University of Andalusia
- ◆ University Master's Degree in Prostate Cancer at the University of Salamanca

**Dr. Sáiz Marengo, Rocío**

- ◆ Assistant physician to the Urology service at the University Hospital of Jerez de la Frontera. Cádiz, Spain
- ◆ Researcher at the University of Cadiz
- ◆ Publications: Abiraterone in Castration-Resistant Prostate Cancer, Archivos Españoles de urología, Prostatectomy, Erector Nerves (EN) and Erectile Dysfunction (ED). Editorial University of Seville

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- ◆ Associate Professor at Autonomous University of Barcelona
- ◆ PhD in Surgery, Autonomous University of Barcelona
- ◆ Specialist in Urology
- ◆ Degree in Medicine and Surgery from the University of Cantabria
- ◆ Resident Urology Intern at the Hospital del Mar - Hospital de l'Esperança of Barcelona
- ◆ Assistant Physician specializing in Urology at Hospital del Mar - Hospital de l'Esperança of Barcelona
- ◆ Associate Physician specializing in Urology at the University Hospital Vall d'Hebron of Barcelona
- ◆ Associate Physician specialist in Urology at Hospital Quirón - Dexeus of Barcelona
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- ◆ Member of the European Association of Urology
- ◆ Member of the Official College of Physicians of Barcelona

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- ◆ Chief of Urology Service at the Hospital del Mar in Barcelona
- ◆ Urology Specialist via MIR at the Hospital Universitari Germans Trias i Pujol of Badalona
- ◆ Member of the jury of the Pérez Castro Awards of the journal Archivos Españoles de Urología
- ◆ Associate Professor of the Faculty of Medicine UAB-UPF (Campus Mar)
- ◆ Doctor Cum Laude in Medicine and Surgery by the UAB with excellent qualification
- ◆ Degree in Medicine and Surgery from the Autonomous University of Barcelona

### **Dr. López Alcina, Emilio**

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- ♦ Specialist in Urology at INUVA Centers
- ♦ Chief of the Urology Department, at Valencia University Hospital
- ♦ Member of the Scientific Committee of the CHGUV Foundation
- ♦ PhD in Medicine and Surgery from the University of Valencia
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- ♦ Specialist in Urology at La Fe University Hospital
- ♦ Postgraduate in Urodynamics from the University of Valencia
- ♦ Master's Degree in- Urology and Urodynamics from the University of Valencia
- ♦ Master's Degree in Medical Management and Clinical Management by the Carlos III Health Institute
- ♦ Practical Stay in the Interventional and Minimally Invasive Prostate Urology Service at the University College of London Hospital

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- ♦ Specialist in Child Urology. University of Valencia
- ♦ Fellow of the European Academy of Child Urology of Hospital La Salud
- ♦ Member of the Editorial Committee of the Spanish Urological Journals
- ♦ Member of the Spanish Association of Urology of the Community of Valencia

- ♦ European Association of Pediatric Urology
- ♦ Head of the Section of Pediatric Urology of the University Hospital and Polytechnic La Fe of Valencia
- ♦ National Coordinator of Pediatric Urology of the Spanish Association of Urology and Spanish Group of Pediatric Urology

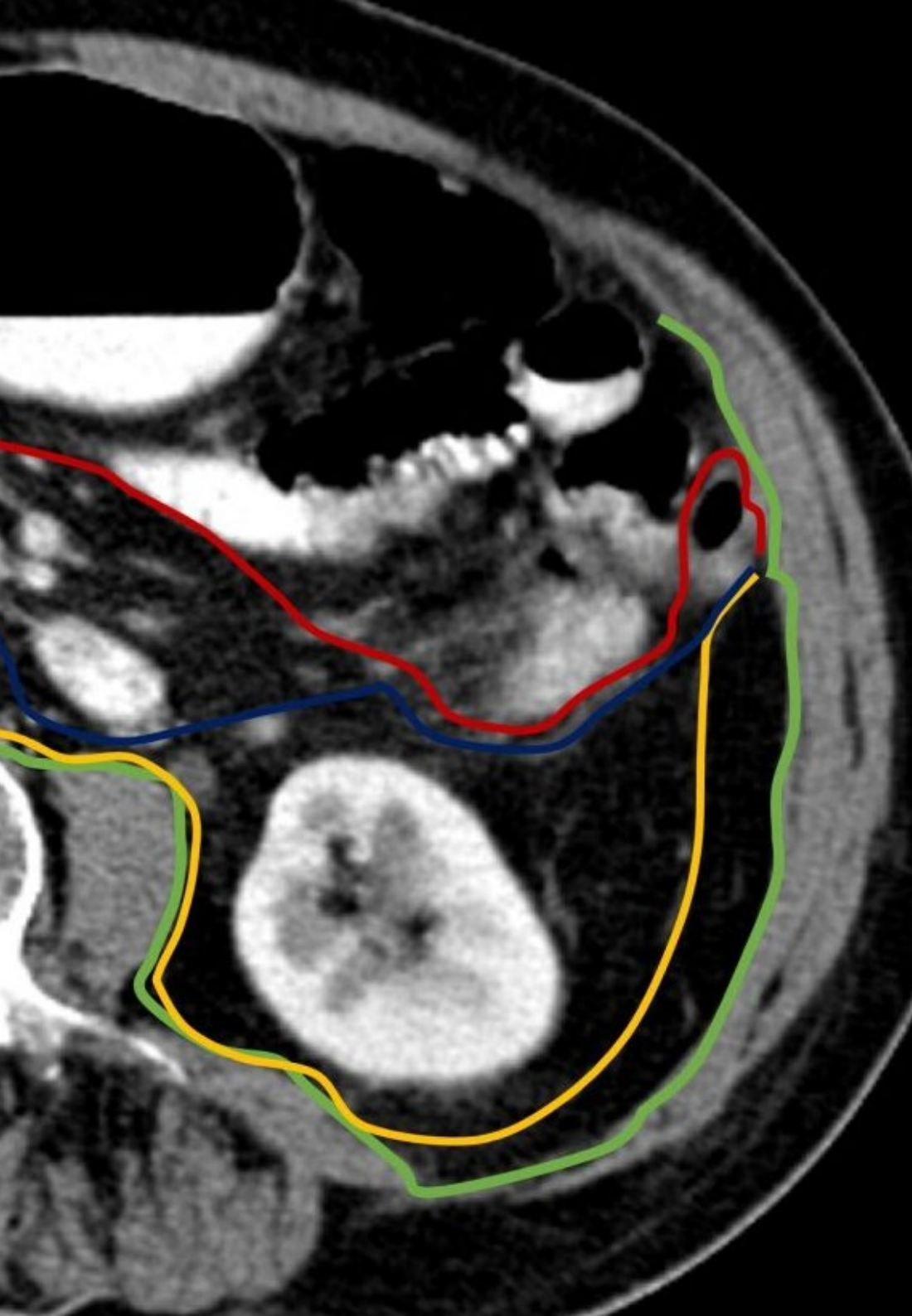
### **Dr. Rodríguez Caraballo, Lucía**

- ♦ Pediatric Urology Department. La Fe Polytechnic and University Hospital, Valencia
- ♦ Resident Internist in Pediatric Surgery, Hospital La Fe, Valencia
- ♦ Contributor to the Journal Pediatrics Primary Care, Spanish Association of Primary Care Pediatrics
- ♦ Author and co-author of several published in scientific journals

### **Miñana López, Bernardino**

- ♦ Director of the Department of Urology University Clinic of Navarra
- ♦ Director of the Prostate Center of the Clínica Universidad de Navarra
- ♦ Chief of Urology, Morales Meseguer University Hospital
- ♦ Director of the Mediterranean Urological Corporation
- ♦ Director of the Urology Research Group of the UCAM Degree of Medicine
- ♦ PhD in Medicine from the Complutense University of Madrid.
- ♦ Degree in Medicine and Surgery from the Literacy University of Valencia





**Dr. Gómez Pérez, Luis**

- ◆ Specialist in Urology, San Juan University Hospital
- ◆ Urology Specialist at Hospital Vithas Perpetuo Socorro
- ◆ PhD in Medicine from the University of Valencia
- ◆ Degree in Medicine from the University of Miguel Hernández de Elche

**Dr. Fernández Pascual, Esaú**

- ◆ FEA of Urology at the University Hospital La Paz
- ◆ Assistant Urology Physician at Lyx Urology Institute
- ◆ Author of diverse articles published in scientific journals
- ◆ Member of AEU, SUM, EAU

**Ms. Ponce Blasco, Paula**

- ◆ Specialist in Urology
- ◆ Specialist in Urology at the General University Hospital of Castellón
- ◆ Author of several scientific publications on Urology
- ◆ Teacher in medical training courses about Oncology

### **Dr. Campos Juanatey, Félix**

- ♦ Researcher and Specialist in Urology
- ♦ Assistant Urology Physician at the Marqués de Valdecilla University Hospital.
- ♦ Honorary Clinical Fellow in Reconstructive Urology at University College London Hospitals NHS Foundation Trust
- ♦ Expert researcher in Urology
- ♦ Author of hundreds of scientific articles related to his specialty.
- ♦ Diploma in Research Capacity by the Department of Medicine and Surgery of the Faculty of Medicine of the University of Cantabria
- ♦ FEBU Diploma
- ♦ Master's Degree in Design and Statistics in Health Sciences from the Autonomous University of Barcelona.
- ♦ Best Urological Communication presented at the X National Congress of the Spanish Society of Laparoscopic Surgery

### **Dr. Rioja Zuazu, Jorge**

- ♦ Urology Specialist at Sagasta Polyclinic
- ♦ Physician in the Medical Oncology Service, Miguel Servet de Zaragoza University Hospital
- ♦ Urologist at the Aragonese Institute of Advanced Urology
- ♦ Urologist at the Miguel Servet's University Hospital
- ♦ Degree in Medicine from the University of Zaragoza
- ♦ PhD in Medicine from the University of Navarra
- ♦ PhD in Molecular Biology of bladder tumors. Navarra University
- ♦ Specialization in Urology in the Department of Clinical Urology at the University of Navarra
- ♦ Scientific Director at iURO - Urological Education
- ♦ Coordinator in Spain AIS Channel AIS Urology Board Member AIS Country

### **Dr. Arlandis Guzmán, Salvador**

- ♦ Scientific Coordinator of the Clinical Area of Nephrology and Urology of the Hospital Universitario y Politécnico La Fe
- ♦ Assistant physician of the Reconstructive and Functional Urology Service of the Hospital Universitario y Politécnico La Fe
- ♦ Principal investigator and collaborator in clinical trials
- ♦ Author of hundreds of scientific articles at national and international congresses
- ♦ Author of hundreds of articles in scientific publications
- ♦ Author of dozens of book chapters and several full-length books
- ♦ Teacher in university studies related to Medicine
- ♦ President of Iberoamerican Society of Neurourology and Urogynecology
- ♦ Member of the Board of Directors of Spanish Association of Urology
- ♦ Regular participant in seminars, lectures and round table

### **Dr. Fernández Montaroso, Lorena**

- ♦ Urology Specialist expert in Laparoscopic Surgery
- ♦ Assistant physician in Urology at the University Hospital of Henares
- ♦ Urologist in the General Hospital of Segovia
- ♦ Urologist at Boadilla Medicentro
- ♦ Author of several articles published in scientific journals
- ♦ Internship teacher for undergraduate medical students
- ♦ PhD in Medicine and Surgery from the Complutense University of Madrid
- ♦ Master's Degree in Research Methodology: Design and Statistics in Health Sciences from Autonomous University of Barcelona
- ♦ University Expert in Minimally Invasive Surgery from the Complutense University of Madrid

**Dr. Duarte Ojeda, José**

- ◆ Urology Specialized at 12 de Octubre University Hospital
- ◆ Urologist at 12 de Octubre University Hospital
- ◆ Urologist at La Luz Clinic
- ◆ Urologist at Nuestra Señora de Covadonga del Rosario Hospital
- ◆ Practical teaching collaborator with undergraduate medical students
- ◆ Collaborative investigator in more than 15 clinical trials
- ◆ Author or co-author of more than 200 communications to congresses of Urology
- ◆ Author and co-author of more than 75 journal articles and book chapters related to the specialty
- ◆ Speaker at more than 65 Urology congresses and seminars
- ◆ Doctor of Medicine and Surgery, from the Complutense University of Madrid
- ◆ Graduate in Urological Oncology CEU from the Universidad Cardenal Herrera

**Dr. Moncada Iribarren, Ignacio**

- ◆ Chief of the Urology Department, Sanitas La Zarzuela University Hospital
- ◆ Director of the Institute of Robotic Surgery of La Zarzuela University Hospital
- ◆ Director of the Andrology Unit of the Gregorio Marañón General University Hospital
- ◆ President of the Spanish Association of Andrology and Sexual Medicine (ASESA)
- ◆ Degree in Medicine and Surgery from the University of Zaragoza.
- ◆ Urology Specialist at Gregorio Marañón General: University Hospital
- ◆ Fellowship in Transsexual Surgery in London
- ◆ Fellowship in Erectile Dysfunction at Boston University Clinical Center
- ◆ Member of the Steering Committee of the European Society of Genito-urinary Reconstructive Surgery (ESGURS), Expert Panel of the Clinical Guidelines on Male Sexual Dysfunction

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- ◆ Specialist in Urology
- ◆ Specialist in the Neurology Department of the Gregorio Marañón General University Hospital
- ◆ Urology Specialist at the Urology and Lithiasis Service of the Ruber Internacional Hospital
- ◆ Researcher in several clinical trials related to Urology
- ◆ Author or co-author of more than 100 communications to congresses of Urology
- ◆ Author of 450 scientific talks at national and international congresses
- ◆ Teacher in postgraduate studies in Medicine
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- ◆ Teacher in university studies of Medicine
- ◆ Master's Degree in Urological Oncology by CEU Cardenal Herrera Oria

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- ♦ Assistant Physician in the Urology Department at Principe de Asturias Hospital
- ♦ President of the Spanish Association of Urology
- ♦ President of the Foundation for Urology Research
- ♦ Coordinator of the Female Functional Urology Group
- ♦ Author of more than 45 articles published in scientific journals
- ♦ Doctor of Medicine and Surgery, from the Complutense University of Madrid
- ♦ Expert in Management of Clinical Units by Carlos III University

**Dr. Valle González, Francisco**

- ♦ Attending physician and head of the Urology Department of the Valle del Nalón Hospital
- ♦ Resident physician in the emergency department. San Agustín de Avilés
- ♦ Member of the associations:
  - ♦ Spanish Urology Association
  - ♦ European Association of Urology
  - ♦ SEGO, Spanish Society of Gynecology and Obstetrics
  - ♦ Asturian Urology Association
- ♦ National Award from the National Association of Urology

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- ♦ Specialist in Urology SESCOAM
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- ♦ Specialist in Clinical Research Methodology for Residents from the University of Alcalá

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- ♦ Degree in Medicine and Surgery from the University of Valencia

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- ♦ Urology specialist at the Valencian Institute of Infertility
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- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Fellowship in Men's Reproductive Health at the University of Illinois



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- ♦ Professor of Urology at the University Miguel Hernández
- ♦ Member of the Association of Urology of the Valencian Community

**Dr. Polo Rodrigo, Alba**

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- ♦ Specialist in Urology, La Fe University and Polytechnic Hospital
- ♦ Author of dozens of scientific publications on his medical specialty

**Dr. Moralejo Gárate, Mercedes**

- ♦ Urology Specialist at Gregorio Marañón University Hospital
- ♦ Urology Specialist at Hospital Vithas Madrid Aravaca
- ♦ Degree in Medicine from the University of Santiago de Compostela
- ♦ Urology Specialist at Gregorio Marañón General: University Hospital
- ♦ Fellowship in Laparoscopic and Minimally Invasive Surgery at the Cleveland Clinic of Ohio

**Dr. Pereira Arias, José Gregorio**

- ♦ Head of the Robotic Surgery Unit at Clínica Bilbao SL Urology Clinic at IMQ Zorrotzaurre Clinic
- ♦ Medical specialist in Oncological Surgery for the treatment of urological tumor pathology
- ♦ Clinical Chief of the Hospital de Galdakao Usansolo
- ♦ Head of the Urology Department of the San Eloy Hospital

**Dr. García Seguí, Alejandro José**

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- ♦ Urology Specialist at Clínica Quirónsalud Gran Alacant
- ♦ Specialist in Urology at Quirónsalud Torrevieja Hospital
- ♦ Urology Specialist, Vinalopó University Hospital
- ♦ Doctorate in Biomedicine and Health Sciences, European University
- ♦ Degree in Medicine from the Central University of Venezuela
- ♦ Specialty in Urology at the General Hospital of the West Dr. José Gregorio Hernández

**Dr. Portillo Martín, José Antonio**

- ♦ Urology Specialist, Marqués de Valdecilla University Hospital
- ♦ Author of hundreds of scientific articles related to his specialty



*Make the most of this opportunity to learn about the latest advances in this area in order to apply it to your daily practice”*

# 04

# Structure and Content

This curriculum structure has been designed by a team of professionals knowledgeable about the implications of surgical training in the approach to urological pathology in the patient, aware of the relevance of current training, and committed to quality teaching through new educational technologies.



“

*This Professional Postgraduate Certificate Diagnostic and Therapeutic Techniques in Urologic Surgery contains the most complete and up-to-date scientific program on the market”*

**Module 1.** Latest Advances in Diagnosis and Treatment Techniques in Urology

- 1.1. Intravesical Instillation of Drugs
- 1.2. Penile Ultrasound / Penile Doppler
- 1.3. Testicular Ultrasound / Testicular Doppler
- 1.4. Prostate Ultrasound
- 1.5. Pyelography
- 1.6. Flexible Cystoscopy
- 1.7. Adult Urodynamic Study
- 1.8. Pediatric Urodynamic Study
- 1.9. Prostate Biopsy
- 1.10. Multiparametric MRI
- 1.11. Bone Scanning
- 1.12. PET-CAT
- 1.13. Isotopic Renogram







“

*A unique, key, and decisive educational experience to boost your professional development”*

# 05 Methodology

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

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



“

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

## At TECH we use the Case Method

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

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



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



“

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

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

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



## Relearning Methodology

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

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

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





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

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

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

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

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



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



#### Study Material

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

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



#### Surgical Techniques and Procedures on Video

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



#### Interactive Summaries

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

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



#### Additional Reading

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







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

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



#### Testing & Retesting

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



#### Classes

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



#### Quick Action Guides

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



# 06 Certificate

The Postgraduate Certificate in Diagnostic and Therapeutic Techniques on Urologic Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

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

This **Postgraduate Certificate in Diagnostic and Therapeutic Techniques on Urologic Surgery** contains the most complete and up-to-date scientific on the market.

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

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

Title: **Postgraduate Certificate in Diagnostic and Therapeutic Techniques in Urological Surgery**

Official N° of hours: **125 h.**



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



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



**Postgraduate Certificate**  
Diagnostic and Therapeutic  
Techniques on Urologic Surgery

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

# Postgraduate Certificate

## Diagnostic and Therapeutic Techniques Urologic Surgery

