

# Postgraduate Diploma Male Urological Surgery





## Postgraduate Diploma Male Urological Surgery

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

Website: [www.techtute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-male-urological-surgery](http://www.techtute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-male-urological-surgery)

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# 01

# Introduction

The specific pathology of the male is undoubtedly the part that differentiates urology. In recent years, probably due to a change in the mentality of the male population, we are witnessing a greater demand for solutions to problems that were not previously consulted by men. This Postgraduate Diploma facilitates the updating in these advances through the latest educational technology, adapting to your needs.



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*These new scenarios encourage us to offer new specialization programs that meet the real needs of professionals, so that they can incorporate the advances in male urology into their daily clinical practice"*

Prostatic pathology is a very important part of this postgraduate program, and possibly the one in which there has been the greatest revolution in surgical techniques in the last decade. As for benign pathology, the appearance of green, holmium and thulium lasers, as well as prostatic vaporization with bipolar technology, and minimally invasive techniques are already revolutionizing the treatment of benign prostatic hyperplasia (BPH).

Laparoscopy, 3D laparoscopy, robotics, single port and fluorescence techniques minimize the morbidity of surgical treatment in cases of prostate tumor pathology. The application of techniques for the focal treatment of prostate cancer, avoiding overtreatment in low-risk cases, is also making great progress.

The second major field is that of andrology and infertility, so it includes the different techniques used and their indications for cases of benign / or malignant penile and testicular pathologies and especially those newer ones that aim to improve the prognosis in the latter. The different types of penile prostheses and their specific indications for treating erectile dysfunction and the latest developments in the treatment of penile incurvation will also be explained.

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

- Clinical cases presented by experts. The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- New diagnostic and therapeutic developments in the care of male patients with prostate, penile or fertility-related problems
- Practical workshops on procedures, diagnostic and therapeutic techniques in testicular, urethral and prostate surgery
- Video lessons on the different pathologies and their management
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Includes theoretical lectures, questions to the expert, discussion forums on controversial issues and individual reflection papers
- Content that is accessible from any fixed or portable device with an Internet connection



*Scientific evidence increases the quality of medical care. Keeping up to date is key to providing better care for the patient with urologic problems"*

“ *This Postgraduate Diploma may be the best investment you can make when choosing a refresher program, for two reasons: in addition to updating your knowledge in Male Urological Surgery, you will also obtain a qualification from TECH Technological University*”

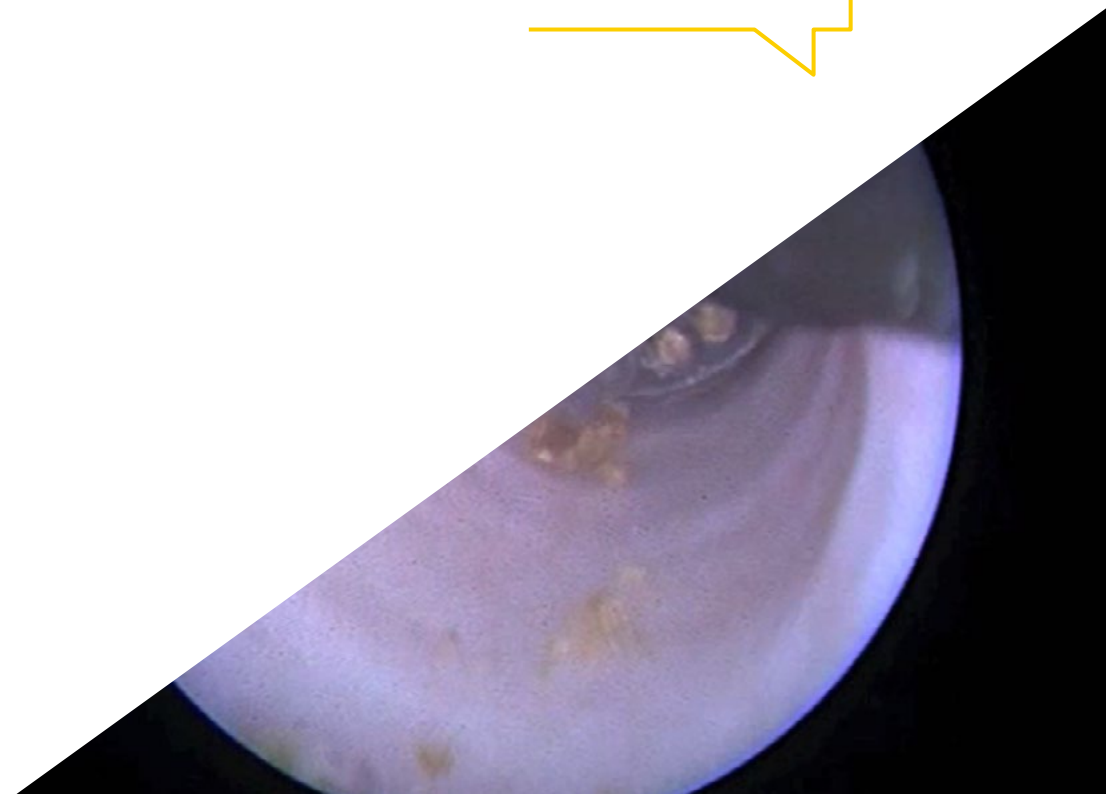
Its teaching staff includes leading urologists, who bring to this specialization the experience of their work, in addition to other specialists belonging to prestigious scientific societies.

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

The design of this program is based on Problem-Based Learning, through which the physician must try to solve the different professional practice situations that arise throughout the academic course. This will be done with the help of an innovative interactive video system created by renowned experts in urological surgery of the male, and with extensive teaching experience.

*Incorporate the latest developments in urological surgery for men into your surgical practice and improve the prognosis of your patients.*

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



# 02

# Objectives

This Postgraduate Diploma is aimed at reviewing the main aspects of the current management of the male patient with urological problems, based on scientific evidence and the experience of renowned professionals in the field of critical care.







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*This refresher program will generate a sense of security in the performance of surgical practice, which will help you grow personally and professionally”*



## General Objectives

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- Implement the main changes in urological anatomy surgical treatments
- Differentiate adrenal pathologies and correctly implement the different surgical techniques
- Recognize and distinguish the most common renal surgical pathologies to be able to implement the appropriate treatment
- Classify the upper urinary tract diseases to be able to implement the correct surgical treatment.
- Recognize and distinguish the bladder diseases to apply the correct treatment
- Compare and contrast the surgical treatments in prostate diseases
- Interpret and justify the best treatment choice for a urethra surgical pathology
- Interpret and justify the best treatment choice for a scrotal and testicular surgical pathology
- Compare and contrast the different surgical treatments for urinary and pelvic floor incontinence
- Implement the latest innovations and developments in kidney transplant surgery
- Differentiate the different surgical techniques involved in renal vascular disease





## Specific Objectives

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### Module 1. Latest Advances in Surgical Anatomy Laparoscopic Anatomy

- ♦ Correctly use endoscopic, radiologic and urodynamic examination techniques as well as the practice of prostate biopsies
- ♦ Update on basic perioperative management and instrumentation, and drainage of the urinary tract, as well as the basics in urology, laparoscopy in all its variants and robotics
- ♦ Review the indications, surgical techniques and limitations of lymphadenectomy for tumors of any urologic location, as well as the novel role immunofluorescence techniques play in these procedures

### Module 2. Latest Advances in Diagnosis and Treatment Techniques in Urology

- ♦ 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 ecographic images as a diagnosis method in urology

### Module 3. Latest Trends in Prostate Surgical Pathology

- ♦ Recognize the current concepts of diagnostic and therapeutic techniques, as well as their indications and contraindications in cases of prostatic tumor pathology. Also, recognize their different approaches, including new developments such as focal therapy with the aid of radiological methods and other techniques such as radio brachytherapy
- ♦ Review the latest evidence on indications and the up-to-date information of techniques for treating benign prostatic hyperplasia
- ♦ Revise and update knowledge on how to handle the non-tumorous pathology of the prostate
- ♦ Apply surgical treatment for prostate tumor pathology according to the latest recommendations

### Module 4. Latest Trends in Penis Surgical Pathology

- ♦ Distinguish between the different techniques to treat penile tumor pathology, penile incurvation, and those used in cases of erectile dysfunction, including penile prostheses and the most frequently used types, as well as the expected complications and contraindications
- ♦ Decide the appropriate surgical treatment for penile pathology
- ♦ Typifying hypospadias and deciding on the correct course of action
- ♦ Gain up-to-date knowledge of the interventions in penis cancer

### Module 5. Latest Trends in Scrotal and Testicular Surgical Pathology

- ♦ Review the scrotal surgical technique and its content
- ♦ Review the current evidence on partial orchiectomy
- ♦ Review hydrocele and its diagnostic and therapeutic algorithm
- ♦ Apply surgical techniques for the treatment of varicocele
- ♦ Review technique of lymphadenectomy in testicular cancer



*Update your knowledge through the Postgraduate Certificate in Male Urological Surgery"*

03

# Course Management

This program includes in its teaching staff leading urologists, who bring to this specialization the experience of their work. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



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*Learn from leading professionals  
the latest advances in the approach  
to urological surgery in men"*

## 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”*

## Management



### Dr. Burgos Revilla, Francisco Javier

- Head of Cardiology at Ramón y Cajal of HU
- Assistant Physician at the Urology Department of the Ramón y Cajal University Hospital
- Head of the Clinical Research Unit at Ramón y Cajal University Hospital
- Head of the Surgical Research Group in Urology and Transplantation of the Ramón y Cajal Research Institute
- Expert researcher in the area of Renal Transplantation
- Professor of Urology
- Author of hundreds of scientific articles related to his specialty
- Teacher of European university courses
- Academic Numerical of the Royal Academy of Medicine of Spain
- President of the European Society of Transplants Urology
- Doctorate in Medicine from the Autonomous University Madrid
- University Master's Degree in Senior Management of Health Services and Business Management of the University of Alcalá
- Stays at Cleveland Clinic Foundation and the Universities of Minnesota y Uppsala





### 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 Manager 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
- ◆ PhD in Medicine and Surgery from the University of Valencia

## Professors

### Dr. Collado Serra, Argimiro

- ◆ Specialist in Urology
- ◆ Director of the Urology Unit, in Functional Foundation IVO, Madrid
- ◆ Author of dozens of scientific articles published in specialized journals
- ◆ Member of the Editorial Board of Spanish Archives of Urology

### Dr. Gómezb Ferrer Lozano, Álvaro

- ◆ Urology specialist at the Valencian Institute of Oncology
- ◆ Specialist in Urology at Lluís Alcanyís Hospital
- ◆ Specialist in Urology at La Fe University Hospital
- ◆ PhD in Medicine from the University of Valencia

### Dr. Rostagno, Román

- ◆ Interventional Vascular Radiologist. Vinalopó University Hospital
- ◆ Interventional Radiologist in Hospital Quirónsalud Torrevieja
- ◆ Physician at the service of Diagnostic Imaging. Quirónsalud Palmaplanas Hospital

### 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. 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

**Mr. 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 SECLAEndosurgery 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



**Dr. Ramírez Backhaus, Miguel Ángel**

- ♦ 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
- ♦ Practical stay in Laparoscopic Surgery at the Hôpital Erasme, Cliniques Universitaires de Bruxelles

### **Mr. Ruibal Moldes, Manuel**

- ♦ Urology Specialist at Suture Clinic
- ♦ 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

### **Dr. Álvarez Ossorio, José Luis**

- ♦ 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
- ♦ Head of the Urogynaecological Pelvic Floor Unit of the Hospital Universitario del Henares
- ♦ Urologist at the Henares University Hospital
- ♦ Urologist specializing in Urogynecology at Lyx Urology
- ♦ Co-author of scientific publications related to Urology
- ♦ Teacher in university studies of Medicine
- ♦ Doctorate in Medicine from the Autonomous University Madrid

**Dr. Pérez-Lanzac Lorca, Alberto**

- ♦ Chief of the Urology Service at the Hospital Viamed Virgen de La Paloma
- ♦ Specialist of the Urology and Andrology Service at the Ruber Internacional Hospital
- ♦ Head of the Urology Unit at Beata Ana María Hospital
- ♦ Head of the Lithiasis, Urethral and Adrenal Unit of the Hospital Universitario Puerta del Mar
- ♦ Author of Multiple scientific articles
- ♦ Speaker at national and international medicine congresses
- ♦ Doctor in Medicine from the University of Cadiz
- ♦ Degree in Medicine from the University of Malaga
- ♦ Postgraduate in Laparoscopic Surgery by the Medical Care Center Irvine
- ♦ Member of Spanish Association of Urology, Andalusian Association of Urology, Spanish Society of Laparoscopy, European Association of Urology, American Urological Association

**Dr. Brime Menéndez, Ricardo**

- ♦ Physician and Consultant Specialist in Urology and Robotic Surgery
- ♦ Responsible for the Robotic Surgery Program at ROC Clinic
- ♦ Consultant in Robotic Surgery in HM Hospitales
- ♦ Urology Specialist at Hospital de la Princesa University Hospital, Madrid
- ♦ 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

**Dr. Sánchez González, José Vicente**

- ♦ Resident Medical Intern at the Urology Department. University and Polytechnic Hospital La Fe, Valencia
- ♦ Scientific contributions from national and international congresses: Can a urine microRNA profile show diagnostic and prognostic value for clear cell renal disease? AUA, American Urological Association's, Diagnostic and prognostic value of circulating free DNA in urine in renal cell carcinoma. AUA, American Urological Association's, Identification of a urine microRNA profile with diagnostic and prognostic value for clear cell renal cell carcinoma. European Association of Urology
- ♦ Españoles de Urología, Research Council of the Bamberg Foundation

**Dr. Leibar Tamayo, Asier**

- ♦ Specialist Urology at La Paz Hospital
- ♦ Urology Specialist at Saint Helena Clinic
- ♦ Urology Specialist at Hospital Vithas Madrid Aravaca
- ♦ Specialist Urology at HM Montepíncipe
- ♦ Head of the Sexual Medicine Unit at the Galdácano Hospital in Vizcaya

**Dr. Prera Vilaseca, Ángel**

- ♦ Specialist in Urology and Minimally Invasive Techniques
- ♦ Urology Service Coordinator. Hospital Parc Taulí de Sabadell Sabadell
- ♦ President of the Female Functional Urology and Urodynamics Group
- ♦ Professor of the School of Laparoscopy
- ♦ Member of the Spanish Association of Urology

**Dr. Pérez Ardavin, Javier**

- ♦ Urology specialist at Quirónsalud Hospital
- ♦ Coordinator of the Uro-Oncology Section of the Francesc de Borja Hospital
- ♦ Author of publications specialized in uro-oncology, lithiasis and management
- ♦ Degree in Medicine from the University of Santiago de Compostela
- ♦ Master's Degree in Biostatistics from the University of Miguel Hernández de Elche
- ♦ Member of European Association of Urology

**Dr. Redondo González, Enrique**

- ♦ Physician attached to the Urology Service at the Hospital Clínico San Carlos
- ♦ Attending Physician at the Complutense University of Madrid
- ♦ Participation in book chapters:
- ♦ Kidney Tumors. Medical-Surgical Nurse. Editorial Tébar, S.L
- ♦ Utility of PSA-Complex in the diagnosis of prostate carcinoma. Spanish Urology Archives

**Dr. Bachiller Burgos, Jaime**

- ♦ Specialist in Urology expert in Urological Laparoscopy
- ♦ Chief of Urology Department at San Juan de Dios de Aljarafe Hospital
- ♦ Urologist at Hospital Quirónsalud Infanta Luisa
- ♦ Co-author of several scientific publications in specialized journals
- ♦ Teacher of specialized courses in Urological Laparoscopic Surgery
- ♦ Secretary General: of the Andalusian Urology Association

**Dr. Ortolá Fortes, Paula**

- ♦ Specialist in Pediatric Surgery
- ♦ Physician in the Pediatric Surgery Service of La Fe University and Polytechnic Hospital
- ♦ Author and co-author of several articles published in scientific journals
- ♦ Organizer at the National Medical Students Congress

**Dr. Casanova Ramón-Borja, Juan**

- ♦ Coordinator of the Early Diagnosis of Prostate Cancer Unit of the Clínica de Urología y Andrología Dr. Rubio
- ♦ Coordinator of the Informatics, Databases and Multimedia Unit
- ♦ Coordinator of Focal Therapy
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Doctorate Courses in the Department of Surgery, Faculty of Medicine, University of Valencia
- ♦ Member of AUCV, AEU

**Mr. Pascual Piedrola, Ignacio**

- ♦ Specialist in Urology
- ♦ Director of the Department of Urology University Clinic of Navarra
- ♦ Principal investigator specializing in prostate cancer
- ♦ 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*



**Dr. March Villalba, José Antonio**

- ◆ Specialist in Pediatric Urology, La Fe University and Polytechnic Hospital
- ◆ PhD in Medicine from the University of Valencia
- ◆ Degree in Medicine and Surgery from the University of Valencia

**Dr. Gutiérrez Baños, José Luis**

- ◆ Chief of the Urology Department, Marqués de Valdecilla University Hospital
- ◆ Associate Professor of Urology, University of Cantabria
- ◆ Graduate in Medicine and Surgery from the University of Valladolid

**Dr. Pérez-Seoane Ballester, Helena**

- ◆ Urology specialist at San Juan Hospital
- ◆ Head of the Urothelial Tumor Unit at San Juan Hospital
- ◆ Urology specialist at Villajoyosa Hospital
- ◆ Urology specialist at San Juan de Alicante Hospital
- ◆ Urology specialist at Vinalopó Hospital
- ◆ Researcher in the EURCIS project
- ◆ Doctor of Medicine
- ◆ Master's Degree in clinical-surgical Research from the Miguel Hernández University

#### **Dr. Hevia Suarez, Miguel Ángel**

- ♦ Head of Urology Section, Hospital Universitario Central de Asturias Oviedo
- ♦ Head of the Renal Transplant Unit of HUCA
- ♦ Head of the Living Donor Renal Transplant Program at HUCA
- ♦ Head of the Urology Unit of HUCA
- ♦ Associate Professor of Urology, University of Oviedo
- ♦ President of the Asturian Urological Society
- ♦ Doctor in Medicine and Surgery, University of Oviedo
- ♦ Degree in Medicine and Surgery from the University of Oviedo
- ♦ Specialist in Urology from Nuestra Señora de Covadonga Hospital of Alicante

#### **Dr. Ballesterro Diego, Roberto**

- ♦ Expert researcher in Urology
- ♦ FEA in Urology at the Marqués de Valdecilla University Hospital
- ♦ Researcher in the Research and Innovation in Surgery group of IDIVAL
- ♦ Principal investigator and collaborator in several clinical trials
- ♦ Author and co-author of several chapters in books related to Urology
- ♦ Author and co-author of dozens of scientific articles on Urology magazines
- ♦ Speaker at numerous Urology Congresses
- ♦ Teacher in university studies of Medicine and in training courses for doctors

#### **Dr. Bahilo Mateu, Pilar**

- ♦ Specialist in Urology expert in Lithotripsy
- ♦ Urologist in the University Hospital and Polytechnic La Fe
- ♦ Urologist at Hospital Quirónsalud Valencia
- ♦ Author and co-author of articles published in scientific journals

#### **Dr. Alcaraz Asensio, Antonio**

- ♦ Head of the Urology and Renal Transplant Department at Hospital Clínic de Barcelona
- ♦ Senior Consultant in Urology and Renal Transplantation at Barnaclínic+
- ♦ Head of the Transplant and Oncology Unit of the Urology Department of the Puigvert Foundation
- ♦ Director of the Renal Transplantation Office of the American Confederation of Urology
- ♦ President of the Transplant Section of the Spanish Association of Urology
- ♦ Leader of the Urological Tumors and Genetics Research Group at the August Pi i Sunyer Biomedical Research Institute (IDIBAPS)
- ♦ Author of more than 100 international and national publications
- ♦ International speaker at many prestigious scientific meetings
- ♦ Member of the Royal Academy of Medicine of Catalonia
- ♦ Professor of Urology in the Department of Surgery at the University of Barcelona
- ♦ Member of the American Confederation of Urology, Spanish Association of Urology, Board of the European School of Urology, Scientific Committee of the European Association of Urology

#### **Dr. López Celada, Susana**

- ♦ Specialist in Radiodiagnostics, San Juan Clinical University Hospital
- ♦ Radiology and Magnetic Resonance Specialist in Inscanner (HCB)
- ♦ Specialist in Radiology at the International Hospitals Medimar, Vinalopó, Torrevieja and General Universitario de Alicante
- ♦ 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



**Mr. 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
- ♦ Master's Degree in Healthcare Management, Catholic University of Valencia

**Dr. Álvarez Rodríguez, Sara**

- ♦ Specialist in Urology and Oncology
- ♦ Attending Physician of Urology . Ramón y Cajal University Hospital Madrid
- ♦ 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
- ♦ Certification of the Uro-Oncology Observatory
- ♦ University Health Network
- ♦ Member 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 Urologia
- ♦ 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
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- ♦ Degree in Medicine from the Central University of Venezuela
- ♦ Specialty in Urology at the General Hospital of the West Dr. José Gregorio Hernández



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

# 04

# Structure and Content

The contents structure has been designed by a team of specialists knowledgeable about the implications of specialization in surgical practice, aware of the relevance of current specialization in order to be able to act before the patient and committed to quality teaching through new educational technologies.





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*This Postgraduate Diploma in Male Urological Surgery includes the most complete and up-to-date scientific program on the market”*

### Module 1. Latest Advances in Surgical Anatomy Laparoscopic Anatomy

- 1.1. Upper Surgical Anatomy
- 1.2. Anatomy of Retroperitoneal Compartments
- 1.3. Lower Surgical Anatomy
- 1.4. Surgical Anatomy of the Pelvic Floor

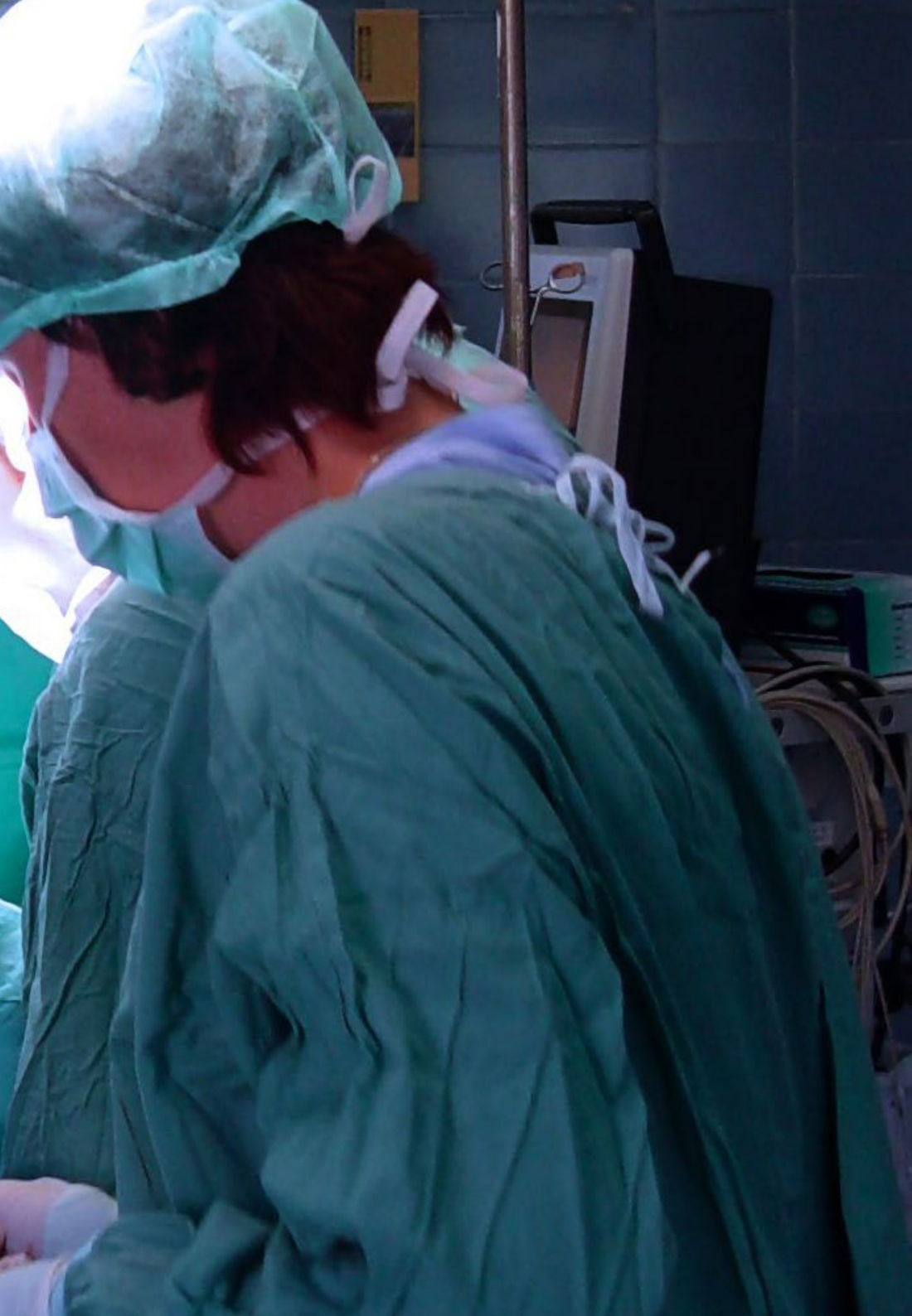
### Module 2. Latest Advances in Diagnosis and Treatment Techniques in Urology

- 2.1. Intravesical Instillation of Drugs
- 2.2. Penile Ultrasound / Penile Doppler
- 2.3. Testicular Ultrasound / Testicular Doppler
- 2.4. Prostate Ultrasound
- 2.5. Pyelography
- 2.6. Flexible Cystoscopy
- 2.7. Adult Urodynamic Study
- 2.8. Pediatric Urodynamic Study
- 2.9. Prostate Biopsy
- 2.10. Multiparametric MRI
- 2.11. Bone Scanning
- 2.12. PET-CAT
- 2.13. Isotopic Renogram

### Module 3. Latest Trends in Prostate Surgical Pathology

- 3.1. Prostate TUR: Trigonocervicoprostatotomy
- 3.2. Prostatic Vaporization
- 3.3. Prostatic Enucleation
- 3.4. Prostatic Adenectomy
- 3.5. Urolift. I-Tind
- 3.6. Prostate Prosthesis
- 3.7. Laparoscopic / Robotic Radical Prostatectomy
- 3.8. Radical Prostatectomy / Hydrodissection





- 3.9. Prostatic Radiotherapy (IMRT) / Prostatic Brachytherapy
- 3.10. Focal Therapy: Cryotherapy
- 3.11. Focal Therapy: HIFU (High Intensity Focused Ultrasound)
- 3.12. Focal Therapy: Electroporation
- 3.13. Lymphadenectomy in Prostate Cancer

#### **Module 4.** Latest Trends in Penis Surgical Pathology

- 4.1. Gland decortication and penectomy
- 4.2. Penile Incurvation Surgery
- 4.3. Penis Prosthesis
- 4.4. Inguinal lymphadenectomy

#### **Module 5.** Latest Trends in Scrotal and Testicular Surgical Pathology

- 5.1. Vasectomy and Vasovasostomy
- 5.2. Surgical Treatment of Varicocele
- 5.3. Surgical Treatment of the hydrocele
- 5.4. Cryptorchidism and Orchidopexy
- 5.5. Orchiectomy
- 5.6. Sperm Retrieval Techniques
- 5.7. Lymphadenectomy in Testicular Cancer



*A unique specialization experience,  
key and decisive 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.



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*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.

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*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 Diploma in Male Urological Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Diploma in Male Urological 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 Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Male Urological Surgery**

Official N° of Hours: **450 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.

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

**tech** technological  
university

**Postgraduate Diploma**  
Male Urological Surgery

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

# Postgraduate Diploma Male Urological Surgery

