

# Internship Program Urological Oncology



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Internship Program  
Urological Oncology

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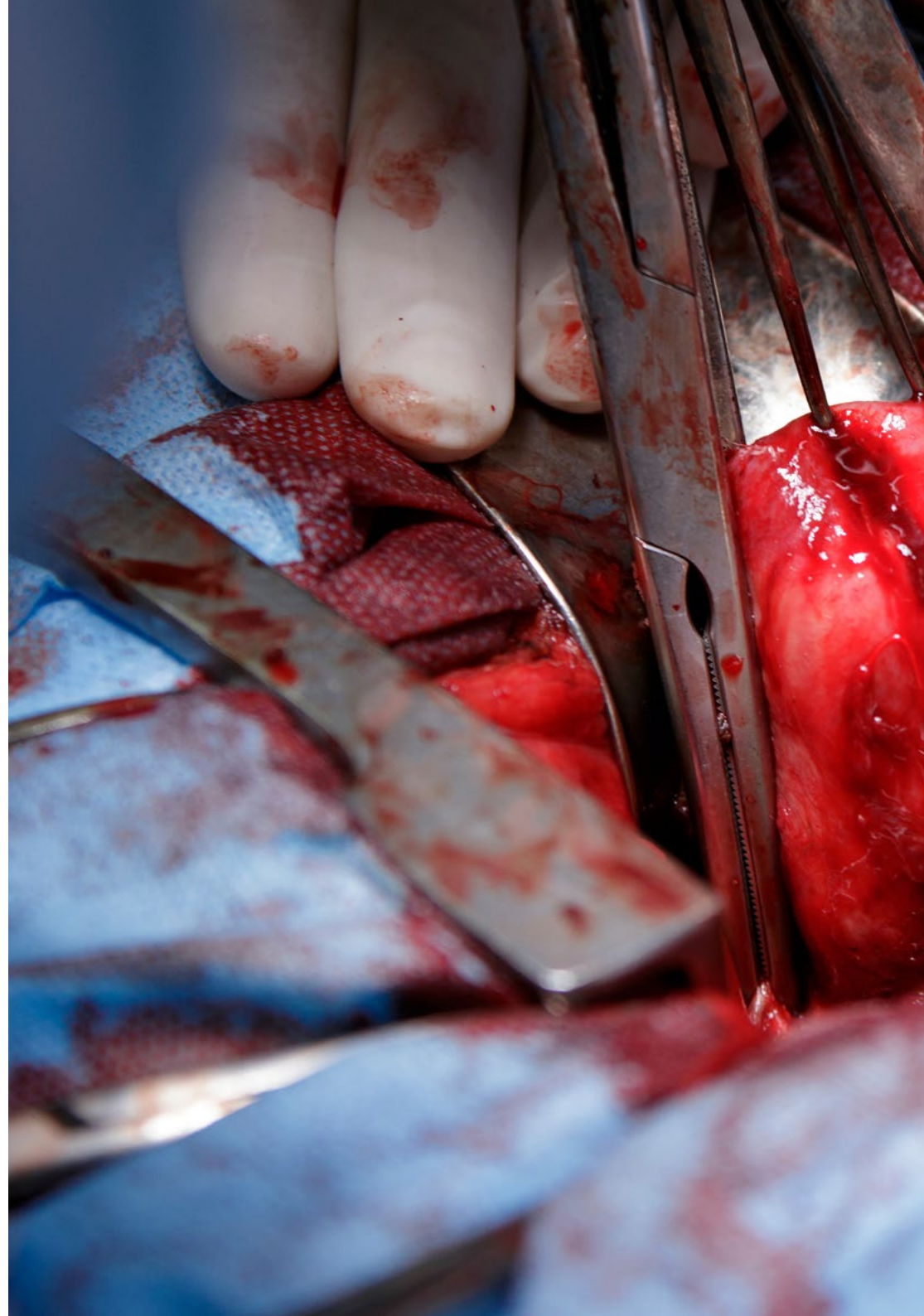
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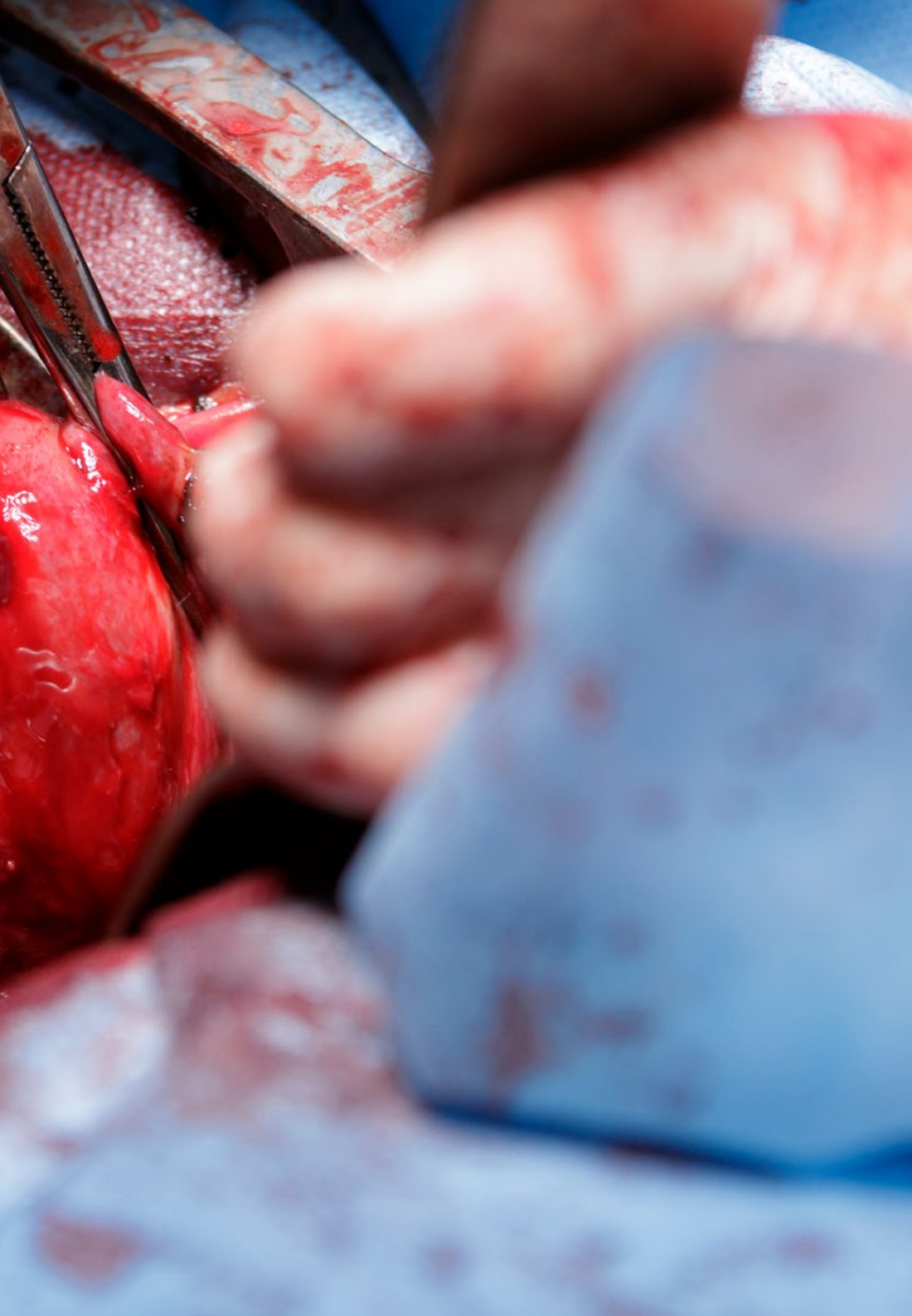
# 01 Introduction

Minimal access surgeries, using complex robotic equipment, are some of the scientific and technological innovations that have made it possible to extend the life expectancy of patients affected by uro-oncological pathologies. Through these tools it is possible to apply innovative surgical treatments such as the removal of small tumors, prostate surgery and many more. The mastery and application of all of them requires an essential practical approach that allows a holistic specialization among experts. The objective of this program is to provide the professional with a direct immersion in this area of learning, based on a 3-week on-site stay in a first class and prestigious hospital.



*Sign up for this distinctive and effective on-site training course that will enable you to acquire the most sought-after know-how in the Urological Oncology healthcare sector"*





Laparoscopic surgery is one of the most up-to-date surgical techniques for approaching patients with uro-oncological pathologies. The procedure is considered an international standard, given its wide use for the removal of these types of tumors. In addition, it employs highly updated technological resources based on minimal access intervention techniques. The healthcare sector aspires that all oncologic urology professionals have the practical skills and knowledge to perform these kinds of medical operations, as well as complex treatment strategies. Aware of this need in the health care, TECH has developed an innovative learning program.

This Internship Program explores the latest scientific and technological advances in Urological Oncology during a 3-week on-site stay. The students will work in first level hospital centers, from Monday to Friday, in 8-hour shifts. Thus, they will be linked without restrictions to cancer patient care services, evaluate their condition and proceed to intervene in various conditions, always accompanied by specialists from the centers themselves.

This academic modality is distinguished from others in the educational market by TECH's ability to integrate specialized centers from different latitudes. In this way, the professional will be able to prepare themselves with a view to internationalizing their skills. On the other hand, students who complete this program will have a holistic mastery of the professional dynamics that take place in healthcare facilities dedicated to oncological problems in the urinary system. To this end, they will have the personalized advice of an assistant tutor who will supervise their progress at all times.

# 02

## Why Study an Internship Program?

This academic update allows the student to take his or her skills in Urological Oncology beyond the theoretical level in an exceptional way. Through an intensive program of practical stay, the student will master the most updated surgical techniques of the moment, as well as the technologies that facilitate this kind of procedures. The Internship Program will take place in specialized cancer centers and in each of them, the specialist will receive personalized guidance from a designated tutor. With the help of this expert, graduates who complete this program will have in-depth knowledge of this medical environment.



*TECH offers you the possibility to take a program 100% practical and specialized in oncological urology in real medical scenarios of maximum demand"*

### 1. Updating from the latest technology available

Minimal access surgeries, and in particular laparoscopic surgeries, are of vital importance for the removal of malignant tumors in areas such as the urethra and bladder in humans. At the same time, these procedures rely on complex and up-to-date technologies that all TECH graduates will master with the help of this innovative Internship Program.

### 2. Gaining In-Depth Knowledge from the Experience of Top Specialists

In this program of studies, TECH wants to ensure that all its students have first level practical skills in the intervention of uro-oncology patients. For this reason, it has created the figure of the assistant tutor, who will be responsible for coordinating the learning of all students and their link with the most complex care dynamics.

### 3. Entering First-Class Clinical Environments for Urological Oncology

TECH maintains close ties with leading-edge medical centers around the world. In particular, he has coordinated this Internship Program with several prestigious institutions dedicated to the treatment of patients with oncological pathologies of the urological system. These institutions, in addition to having the best specialists in the sector, have updated technologies that the student will be able to use from the very first moment.



#### 4. Putting the acquired knowledge into daily practice from the very first moment

The academic market does not offer enough pedagogical solutions for those specialists who wish to update their knowledge of Uro-Oncology in a practical way. This 3-week on-site stay breaks with this scheme and, at the same time, makes it possible for students to combine their studies with other responsibilities or interests.

#### 5. Expanding the Boundaries of Knowledge

This Internship Program can take your students beyond their usual academic comfort zone and expose them to international professional development contexts. This is possible thanks to TECH, the largest online educational institution in the world, which has a network of agreements and partners that will shorten the geographical latitudes for the learning of any student.



*You will have full practical immersion at the center of your choice”*

# 03 Objectives

This Internship Program in Urological Oncology aims to update the student on the diagnostic and therapeutic procedures of the specialty in an exclusively practical way. For this purpose, you will have a hospital stay designed with clinical and academic rigor, under the guidance of renowned professionals.



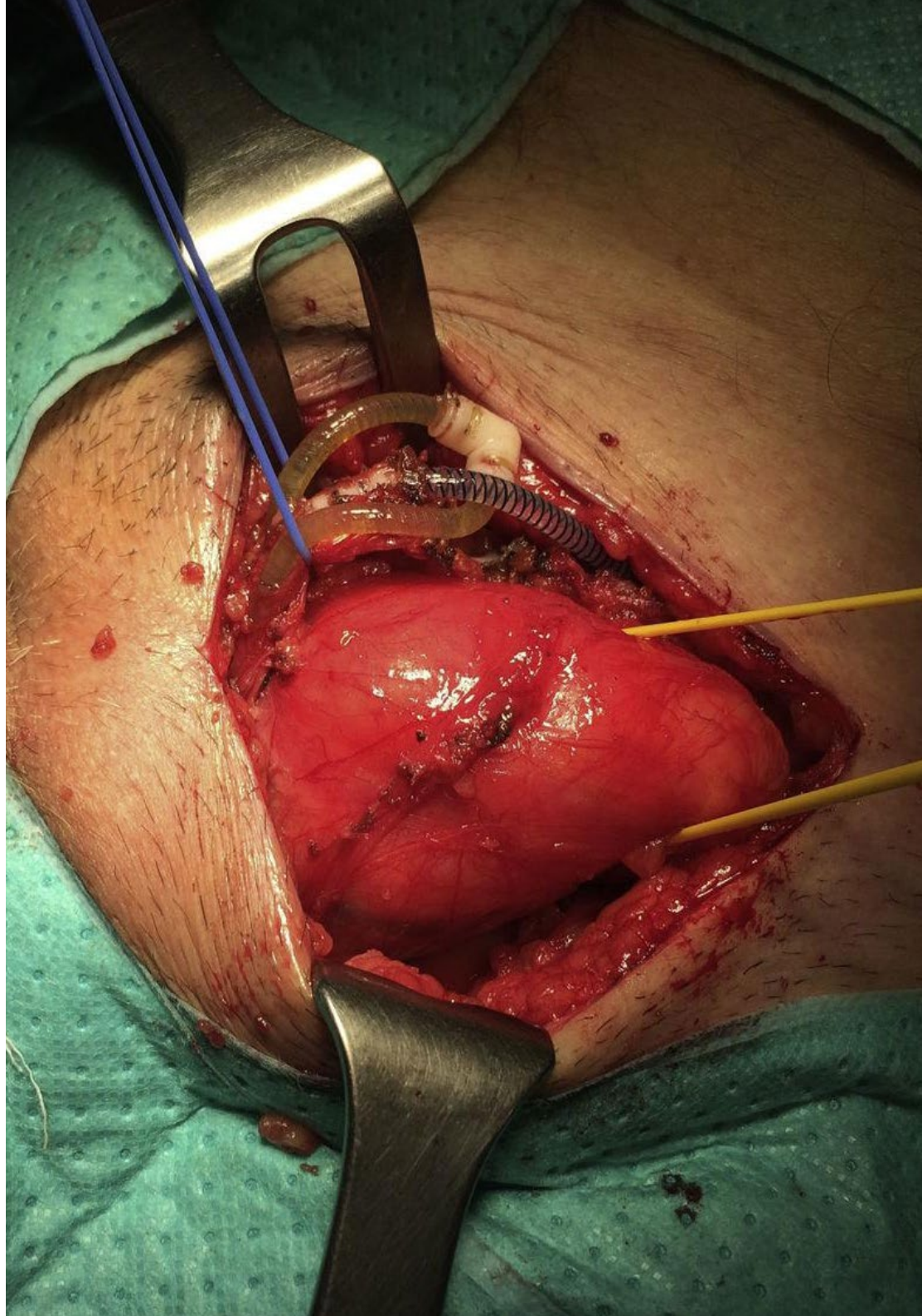
## General Objectives

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- Use the different tumor markers and their diagnostic implication in Uro-Oncology
- Perform andrological and reconstructive surgeries to treat the functional genitourinary sequelae of oncological treatments in Urology
- Know the correct use of the new diagnostic tools available in the specialty of Oncologic Urology



*Acquire in an efficient way, the most interesting updates in the management of patients with urological cancer in its different locations"*







## Specific Objectives

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- ♦ Apply molecular biology techniques to cancer in Uro-Oncology and specifically to the different urological tumors
- ♦ Identify the different paraneoplastic syndromes related to urologic oncologic pathology
- ♦ Apply the basic principles of tumor genetics in urologic oncology
- ♦ Manage the main oncologic emergencies in Urology
- ♦ Apply the principles of oncologic surgery in Urology
- ♦ Debate the relationship and importance of the clinical trial in the urological oncology patient
- ♦ Apply Nuclear Medicine and Molecular Imaging in oncological tumor pathology
- ♦ Recognize the different types of histopathological changes in urothelial carcinoma
- ♦ Adequately stratify patients by risk groups with urologic cancer
- ♦ Apply the indications and radical therapeutic options in non-muscle invasive bladder tumor
- ♦ Proper use of the methods for correct staging of urothelial tumor
- ♦ Correct application of the different therapeutic options depending on the tumor stage
- ♦ To perform an adequate follow-up of the patients and to know the options for systemic and surgical salvage treatment options for retroperitoneal recurrence and residual retroperitoneal mass
- ♦ Recognize tumor histology, as well as premalignant lesions
- ♦ Apply treatment of nodal disease
- ♦ Application of immunotherapy in uro-oncologic pathology
- ♦ Apply the diagnostic and therapeutic algorithm for adrenal masses in clinical practice
- ♦ Perform surgery in the different locations of urological cancer
- ♦ Perform the application of therapeutic options with curative intent
- ♦ Correct use criteria for Focal Therapy and its different energy sources
- ♦ Correct use of new drugs for the treatment of urological cancer in its different locations
- ♦ Adequate management of metastatic patients in all its implications



*A high intensity training that will give you the contextual, real and direct vision you need to act in this field safely and successfully”*

# 04 Educational Plan

The Internship Program of this program in Oncologic Urology consists of a practical stay in a prestigious center, lasting 3 weeks, from Monday to Friday with 8 consecutive hours of work. During this period of time, the student will have the personalized guidance of an adjunct specialist. Thus, students will have the best professionals in the field at their side and will acquire a dynamic mastery of the most sought-after skills for the diagnosis and treatment of cancer pathologies.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare care in areas and conditions that require highly qualified professionals, and are oriented towards specific expertise for practicing the activity, in a safe environment for the patient and with highly professional performance.

Through this unique learning opportunity, the student will learn the most modern surgical techniques for the removal of tumors. At the same time, it will examine other less invasive trends such as radium and brachytherapy, designed to safely deliver nuclear medicine treatments to specific damaged parts. They will also explore the competencies of specialized analytical laboratories and how to interpret their results.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of the professors and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for in Urologic Oncology practice (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the training, and their completion is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:



*Thanks to this Internship Program, you will master the daily dynamics in the medical care of patients affected by tumors in the urological system"*



Module	Practical Activity
<b>New diagnostic and follow-up procedures in urological tumor pathologies</b>	Use tumor markers as a diagnostic and assessment method for oncologic pathology
	Use the main procedures of nuclear medicine and molecular imaging in the approach to oncological tumor pathology
	Addressing urological cancer from the tools available in the genetics laboratory
<b>Diagnostic techniques, treatment and follow-up of non-muscle invasive and muscle invasive bladder carcinoma</b>	Diagnosis of non-muscle invasive bladder carcinoma by endovesical studies
	Using molecular markers for the diagnosis of non-muscle invasive bladder carcinoma
	Apply state-of-the-art cystoscopy in the assessment of the bladder and urethra
	Surgical intervention of the bladder based on the latest techniques
	Perform radical cystectomy
	Use of different radiotherapeutic techniques in bladder cancer
	Use of neoadjuvant chemotherapy and immunotherapy in muscle invasive bladder carcinoma
<b>Diagnostic techniques, treatment and follow-up of penile and testicular cancer</b>	Using doppler ultrasound to diagnose and follow up testicular cancer
	Apply tumor markers for the diagnosis and assessment of testicular cancer
	Employing CT, MRI and FDG-CT-PET as follow-up tools in testicular cancer
	Performing the orchiectomy procedure
	Apply the latest techniques in penile surgery
	Perform modified lymphadenectomy
<b>Advances in the diagnosis, treatment and follow-up of prostate cancer</b>	Apply, depending on the specific case, the most accurate prostate biopsy technique
	Perform imaging studies in prostate cancer
	Application of prostate surgery and cryosurgery

# 05 Where Can I Do the Internship Program?

To ensure that the updating process is the best possible, TECH proposes the realization of this on-site stay in a prestigious center that can provide the physician with the latest advances. This is a very complex and broad field, so it requires updating by the specialist, and the role of the hospital institutions proposed here is vital in this process, since they will offer the most advanced knowledge in the specialty.



*Apply in your daily practice the most important advances in Uro-Oncology, acquired directly in real clinical settings”*





The student will be able to do this program at the following centers:



Medicine

### Hospital HM Modelo

Country	City
Spain	La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

### Hospital Maternidad HM Belén

Country	City
Spain	La Coruña

Address: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Update in Assisted Reproduction
- Hospitals and Health Services Management



Medicine

### Hospital HM Rosaleda

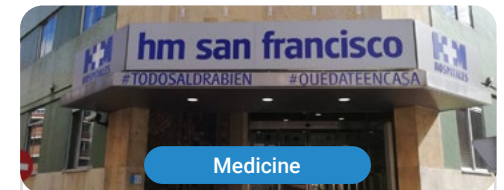
Country	City
Spain	La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Medicine

### Hospital HM San Francisco

Country	City
Spain	León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Trauma Nursing



Medicine

### Hospital HM Regla

Country: Spain  
City: León

Address: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Update on Psychiatric Treatment in Minor Patients



Medicine

### Hospital HM Nou Delfos

Country: Spain  
City: Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Aesthetic Medicine
- Clinical Nutrition in Medicine



Medicine

### Hospital HM Madrid

Country: Spain  
City: Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Palliative Care
- Anaesthesiology and Resuscitation



Medicine

### Hospital HM Montepíncipe

Country: Spain  
City: Madrid

Address: Av. de Montepíncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Palliative Care
- Aesthetic Medicine



Medicine

### Hospital HM Torrelodones

Country: Spain  
City: Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

### Hospital HM Sanchinarro

Country: Spain  
City: Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

### Hospital HM Nuevo Belén

Country: Spain  
City: Madrid

Address: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- General and Digestive System Surgery
- Clinical Nutrition in Medicine



Medicine

### Hospital HM Puerta del Sur

Country: Spain  
City: Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Palliative Care
- Clinical Ophthalmology



Medicine

### Hospital HM Vallés

Country	City
Spain	Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Gynecologic Oncology
- Clinical Ophthalmology



Medicine

### HM CIOCC - Centro Integral Oncológico Clara Campal

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Gynecologic Oncology
- Clinical Ophthalmology



Medicine

### HM CIOCC Barcelona

Country	City
Spain	Barcelona

Address: Avenida de Vallcarca, 151, 08023, Barcelona

Network of private clinics, hospitals and specialized centers distributed Spanish democracy

**Related internship programs:**

- Advances in Hematology and Hemotherapy
- Oncology Nursing



Medicine

### HM CIOCC Galicia

Country	City
Spain	La Coruña

Address: Avenida das Burgas, 2, 15705, Santiago de Compostela

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Gynecologic Oncology
- Clinical Ophthalmology



Medicine

### Policlínico HM Arapiles

Country	City
Spain	Madrid

Address: C. de Arapiles, 8, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Pediatric Dentistry



Medicine

### Policlínico HM Distrito Telefónica

Country	City
Spain	Madrid

Address: Ronda de la Comunicación, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Optical Technologies and Clinical Optometry
- General and Digestive System Surgery



Medicine

### Policlínico HM Gabinete Velázquez

Country	City
Spain	Madrid

Address: C. de Jorge Juan, 19, 1° 28001, 28001, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



Medicine

### Policlínico HM Imi Toledo

Country	City
Spain	Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation







### Grupo Gamma

Country	City
Argentina	Santa Fe

Address: Entre Ríos 330, Rosario, Santa Fe

Polyclinic specialized in various medical specialties

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#### Related internship programs:

Update in Anesthesiology and Resuscitation  
- Gynecologic Oncology



*Take advantage of this opportunity to surround yourself with expert professionals and learn from their work methodology”*

# 06

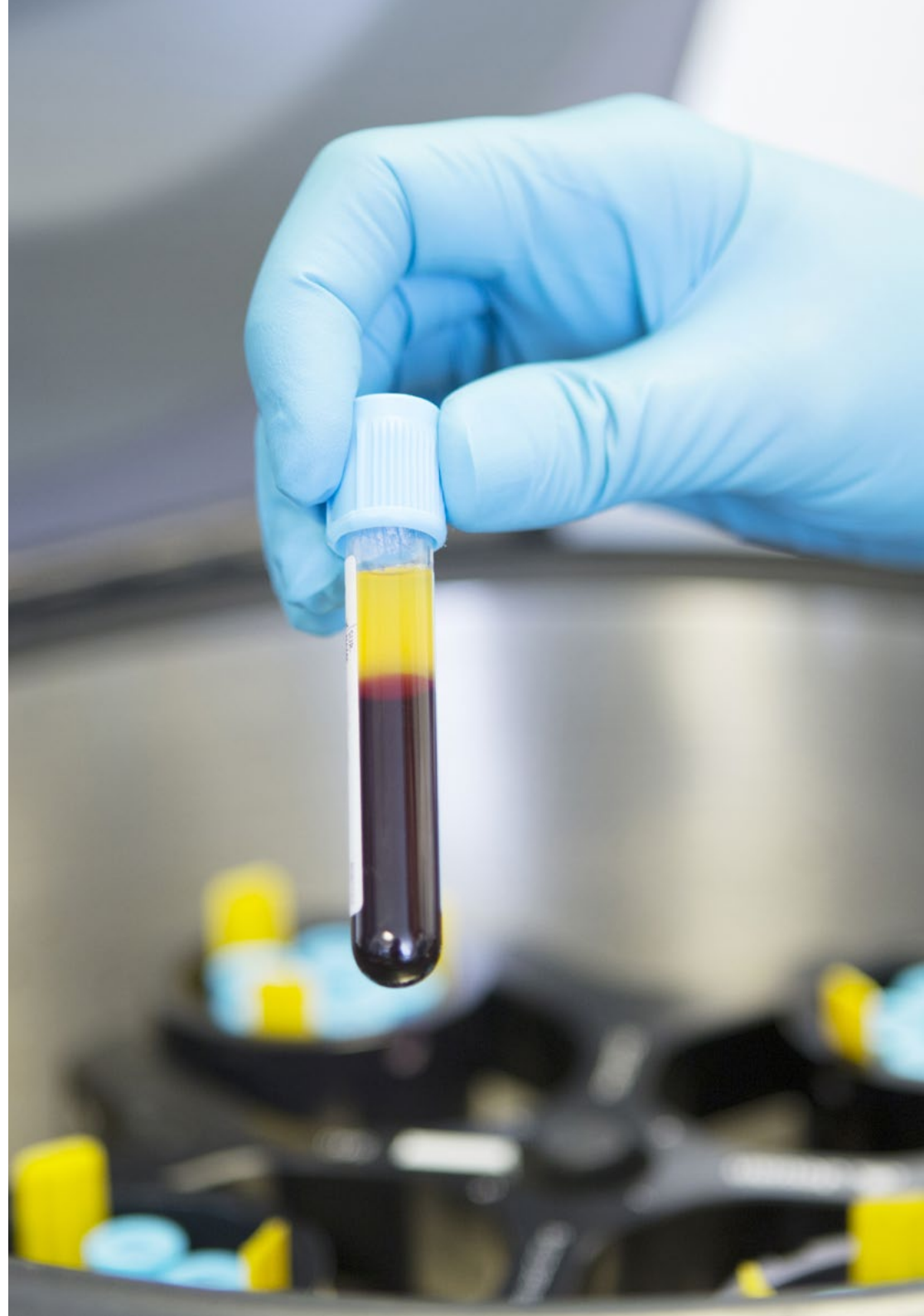
## General Conditions

### Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this educational entity undertakes to take out civil liability insurance to cover any eventuality that may arise during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. In this way, the professional will not have to worry in case he/she has to face an unexpected situation and will be covered until the end of the practical program at the center.



## General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

**1. TUTOR:** During the Internship Program, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor, whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

**2. DURATION:** The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

**3. ABSENCE:** If the students does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

**4. CERTIFICATION:** Professionals who pass the Internship Program will receive a certificate accrediting their stay at the center.

**5. EMPLOYMENT RELATIONSHIP:** The Internship Program shall not constitute an employment relationship of any kind.

**6. PRIOR EDUCATION:** Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

**7. DOES NOT INCLUDE:** The Internship Program will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed.

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

# 07 Certificate

This **Internship Program in Urological Oncology** contains the most complete and up-to-date program on the professional and academic scene.

After the student has passed the evaluations, they will receive their corresponding TECH Internship Program issued by TECH Technological University via tracked delivery.

The diploma issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Urological Oncology**

Duration: **3 weeks**

Course Modality: **Monday to Friday, 8-hour consecutive shifts**

Total Hours: **120 h. of professional practice**



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Internship Program  
Urological Oncology

# Internship Program

## Urological Oncology



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