

Internship Program

Update in General and Digestive System Surgery



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Internship Program

Update in General and Digestive
System Surgery

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01 Introduction

In recent years, General and Digestive Surgery has undergone numerous technological innovations due to the popularization of ICT. In this line, methods such as robotic surgery have emerged and surgical techniques have been developed that favor the efficiency of operations and patient recovery. Because of this, specialists in this medical branch must apply these advances in their work routines to respond to the demands of the sector, which is why TECH has created this 100% practical program. During 3 weeks, the professional will have access to a prestigious hospital where, surrounded by the best specialists in the field, they will master the cutting-edge surgical procedures with greater applicability in their daily practice.



Thanks to this Internship Program, the professionals will assimilate and include in their work routine the latest advances and the best procedures in general and digestive system surgery”





General and Digestive Surgery is a medical specialty that is currently facing increasingly complex challenges such as organ transplantation or oncological surgery. For this reason, it is a sector in constant technological innovation, with the aim of managing the tools and procedures that guarantee the safety and quality of life of people. In this way, there are continuous advances in radiodiagnostic techniques, robotic surgery or liver operations that must be known and applied by professionals. Because of this, TECH has opted to create this 100% practical program, which will allow the expert to access a prestigious hospital environment to master these advances in their field.

For 3 weeks, the student will be integrated into a multidisciplinary work team made up of the best professionals in general surgery and digestive system. Throughout the 120 hours of learning, students will gain experience with real patients that will enable them to identify the most up-to-date techniques based on scientific evidence in pancreatic, endocrine or emergency surgery, among others. Likewise, the expert will apply the latest innovations in NOTE surgery and will manage the use of robotics for various surgical procedures.

The entire internship program will be guided by the advice and counseling of a specific tutor, who will continuously ensure the student's excellent learning. Therefore, this Internship Program is an excellent ally for professionals to improve their knowledge and develop new competencies that will allow them to keep up with the technological changes in their field, in order to improve patients' health.

02

Why Study an Internship Program?

Medicine requires constant updating by professionals in order to carry out an adequate practice. In the field of general surgery and digestive system, it is strictly necessary to master the latest developments based on scientific evidence and to know how to put this knowledge into practice. For this reason, TECH has designed a pioneering educational product, which will allow the student to spend 3 weeks in a first level hospital in order to carry out the up-to-date procedures in this area. During 120 hours, the specialists will be integrated in a multidisciplinary work team, where they will assimilate the most avant-garde techniques and with a complete real applicability in their profession.



TECH gives you an excellent opportunity to access, for 3 weeks, to a first level hospital to apply the latest techniques in general surgery and digestive system in your daily practice"

1. Updating from the latest technology available

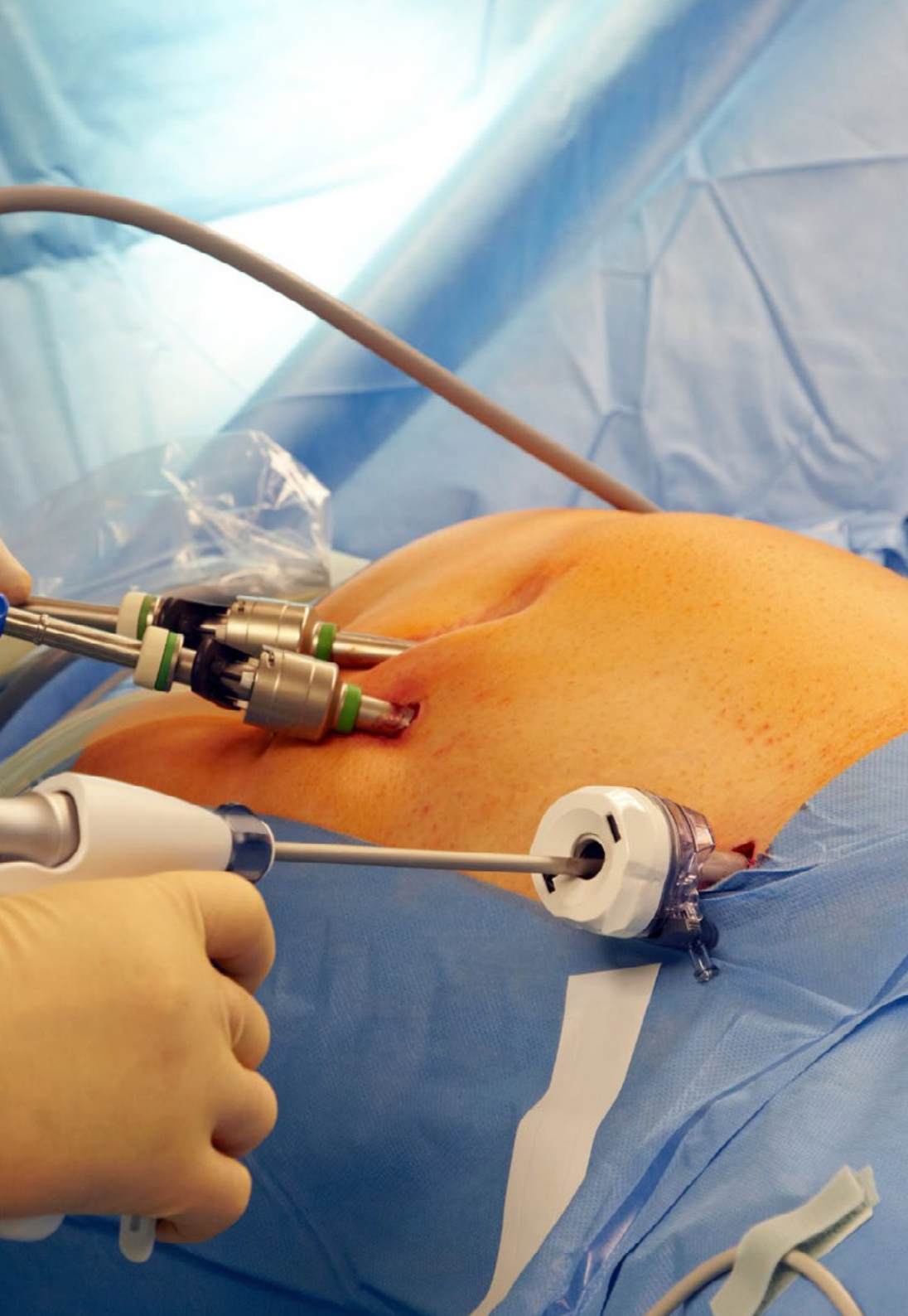
The field of general and digestive system surgery has evolved in recent years thanks to the appearance of new surgical devices, more efficient techniques and the popularization of robotic surgery. Due to this, and in order to bring the professional closer to this technology, TECH has created this program, with which the expert will learn about these latest advances in the field in a first class real environment.

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

The excellent team of professionals who will accompany the students throughout their internship guarantees the high quality of this program. With a private tutor, the students will observe real cases in a prestigious hospital environment, which will allow them to assimilate in their daily practice the most decisive techniques and procedures in general and digestive system surgery.

3. Entering first-class hospital environments

TECH carefully selects all available centers for Internship Programs. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the field of general and digestive system surgery. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive sector, always applying the latest theses and scientific postulates in its work methodology.



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

The educational market has many teaching programs characterized by an abundance of inefficient theoretical content and little practical applicability. Therefore, TECH has created an innovative learning model 100% practical, which allows the student to integrate into a large team to master the latest advances in general surgery and digestive system in just 3 weeks.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in centers of international importance. This way, the specialist will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH could offer.



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

03

Objectives

The objective of this program is to provide the professional with an exclusively practical upgrade of diagnostic and therapeutic procedures in general and digestive system surgery, through a hospital stay designed with clinical and academic rigor, under the guidance of renowned professionals in a hospital center of the highest scientific quality and technological innovation.



General Objectives

- Update knowledge of the most frequent procedures and techniques used in routine clinical practice in general and digestive system surgery.
- Handle the most innovative and useful surgical devices in the daily practice of the professional in general surgery and digestive system.





Specific Objectives

- ◆ Address the management of benign esophagogastric tumors
- ◆ Establish the approach and treatment plan for esophageal diverticula
- ◆ Assimilate the surgical treatment of cholestatic diseases and tumors of the bile duct and gallbladder
- ◆ Perform the surgical process in the treatment of cysts and primary sclerosing cholangitis
- ◆ Practice the surgical approach to gallbladder and bile duct tumors
- ◆ Delve into the the treatment of liver metastases of colorectal and non-colorectal origin
- ◆ Apply the surgical approach to liver cysts and abscesses
- ◆ Analyze the surgical processes in treatment of pancreatic tumors and the anatomopathological considerations in pancreatic cancer
- ◆ Master the surgical management of cystic tumors of the pancreas
- ◆ Manage the surgical procedure in the treatment of deep pelvic endometriosis
- ◆ Practice surgical technique in the management of hemorrhoids and fissures
- ◆ Approach the surgical management of Crohn's disease
- ◆ Perform thyroid surgery in the treatment of thyroid nodule and multinodular goiter, hyperthyroidism, and thyroid cancer
- ◆ Assimilate general surgical procedures and techniques applied to patients in emergency situations due to upper and lower gastrointestinal bleeding
- ◆ Point out the role of ICT applied to surgery
- ◆ Explain the indications and importance of robotic surgery

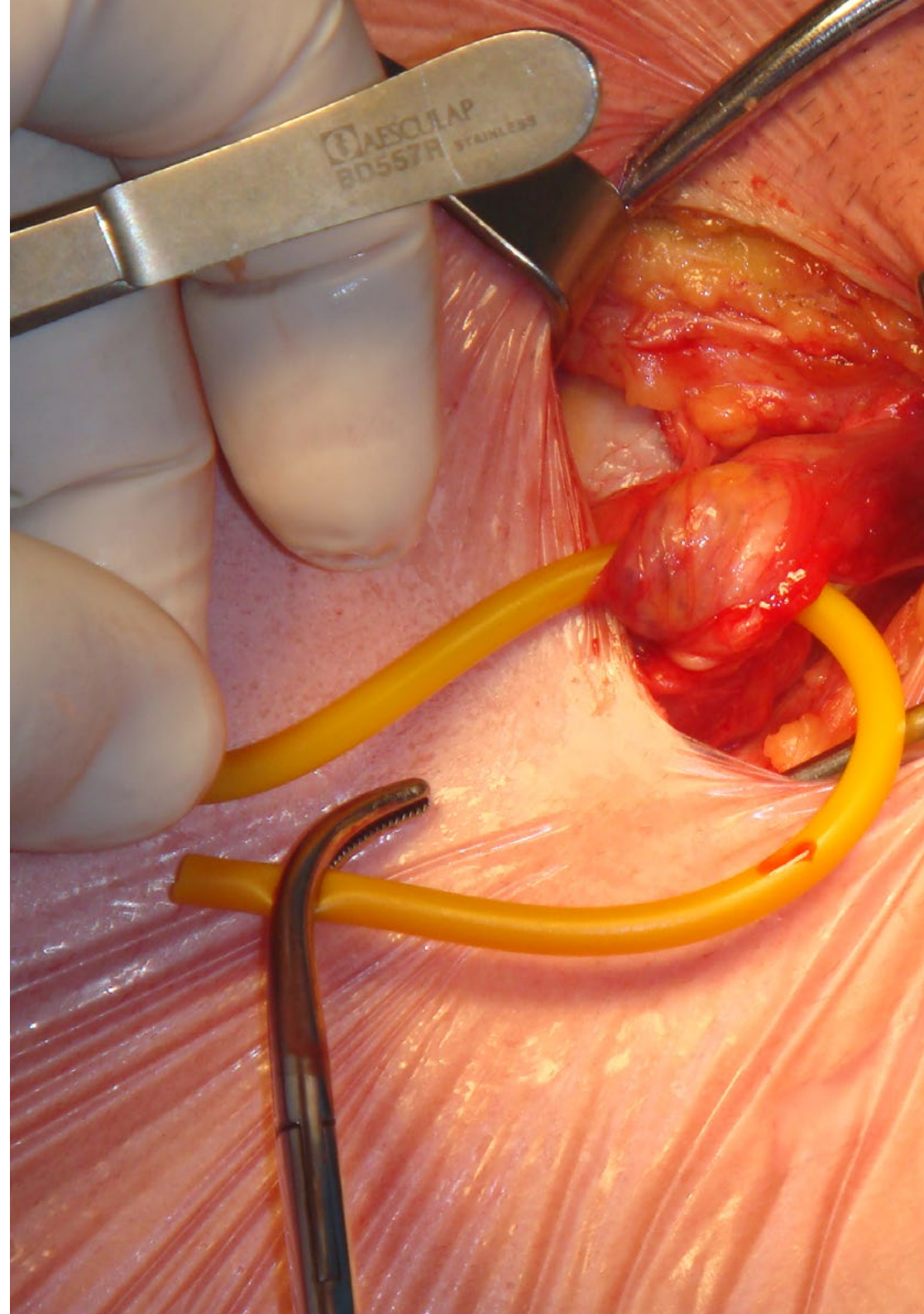
04 Educational Plan

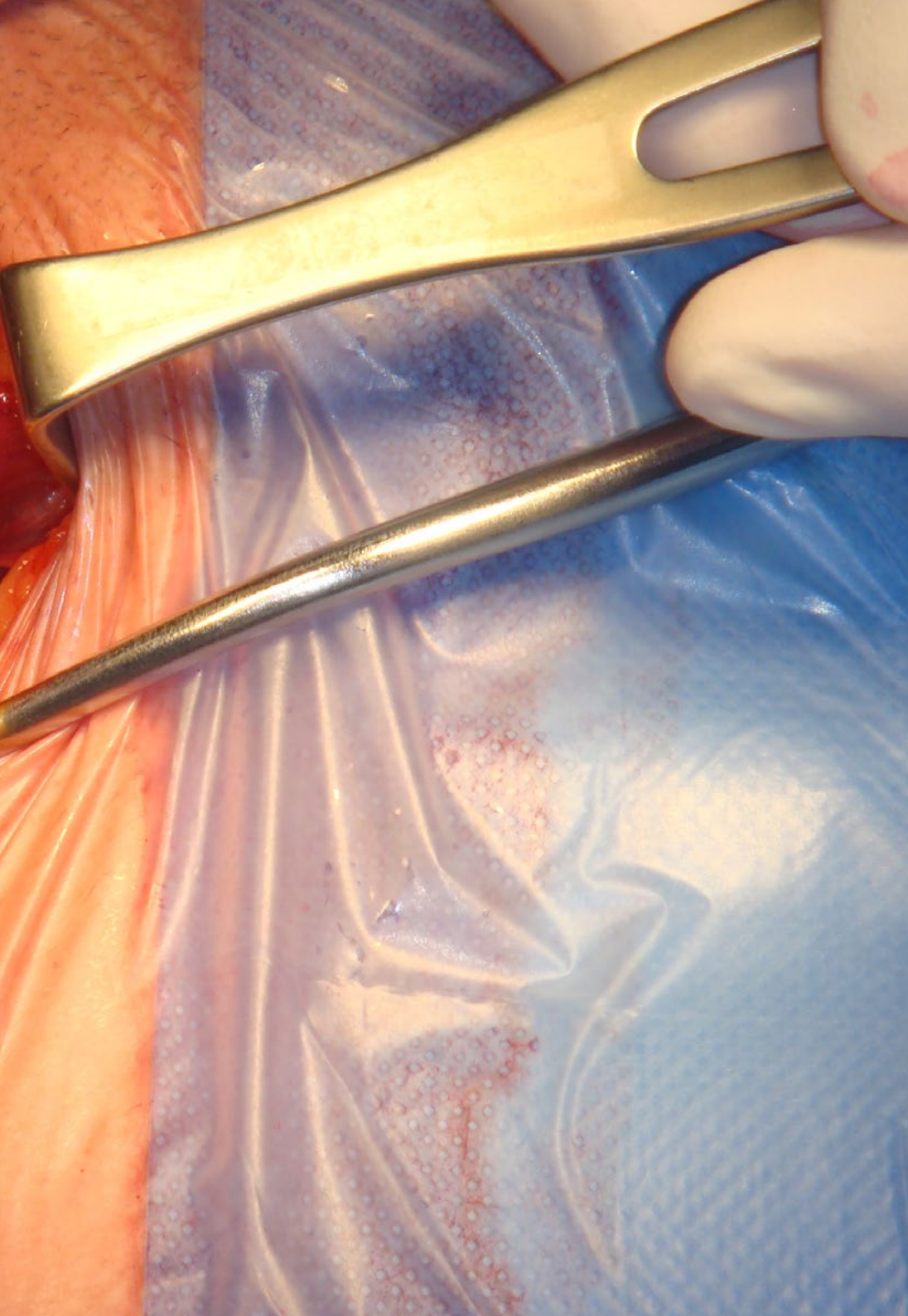
The Internship Program consists of a practical stay in a prestigious clinical center, a 3-week period, from Monday to Friday with 8 consecutive hours of work with an attending specialist. This stay will allow you to deal with real patients with a team of reference professionals in the surgical area, applying the most innovative diagnostic procedures and planning the latest generation surgery in each pathology.

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.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future where the application of up-to-date diagnostic and surgical techniques is the basis for guaranteeing the well-being of patients. This is a new way of understanding and integrating health processes, being the ideal teaching scenario for this innovative experience in the improvement of professional medical competencies of the 21st century.

The Internship Program 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 medical practice (learning to be and learning to relate).





The procedures described below will be the basis of the practical part of the training, and their realization is subject to both the suitability of the patients and the availability of the center and its workload, the proposed activities being the following:

Module	Practical Activity
Advanced techniques in esophagogastric and bariatric surgery	Surgical intervention of achalasia, diverticula and hiatal hernia
	Apply the most advanced techniques in the surgery of esophageal and stomach tumors
	Perform oncologic laser surgery in the esophagogastric area
	Perform the gastric sleeve method in restrictive bariatric surgery
	Perform mixed surgery (restrictive-malabsorptive) by applying bypass gástrico
Hepatic, pancreatic, spleen and biliary surgery procedures	Apply the most advanced methods of interventional radiology in liver lesions
	Surgical intervention of benign and malignant tumors of the liver and pancreas, and removal of cysts and abscesses in the liver area
	Apply specific surgery in acute pancreatitis
	Participate in the performance, applying the most up-to-date protocols, of pancreatic and intestinal and multivisceral transplantation
	Perform cholecystitis and choledocholithiasis surgery
	Perform biliary tract tumor surgery
Techniques in surgery of the colon, rectum, anus and approach to inflammatory bowel disease	Approach colon cancer surgery in different locations
	Intervene rectal cancer through the abdominal approach
	Assess and indicate rectal surgery by transanal approach
	Surgical management of rectal prolapse and rectocele
Digestive, endocrine and abdominal wall surgical intervention methods	Perform endoscopy procedure in upper and lower gastrointestinal bleeding
	Surgical intervention in intestinal obstruction
	Approach mesenteric thrombosis surgery
	Operate the thyroid with endocrine pathologies
	Apply the technique of laparotomy and its closure
	Manage open abdomen and evisceration in abdominal wall surgery

05 Where Can I Do the Internship Program?

In order to guarantee an excellent updating process, TECH proposes the realization of this on-site stay in a prestigious center that can provide the physician with the latest advances in the field of general surgery and digestive system. This is a very complex and broad field, so it requires an update by the specialist, and the role of the hospital institutions proposed here is vital in this process, as they will offer the most advanced knowledge in the specialty.



*The most advanced knowledge in
the field of Digestive System Surgery
awaits you in this Internship Program”*





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



Medicine.

Hospital Recoletas Campo Grande

Country: Spain City: Valladolid

Address: Pl. de Colón, s/n, 47007 Valladolid

Clinical center specialized in multidisciplinary healthcare

Related internship programs:

- Intensive Care Nursing
- Gynecologic Oncology



Medicine.

Hospital HM Modelo

Country: Spain City: 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: Spain City: 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 Address



Medicine.

Hospital HM Rosaleda

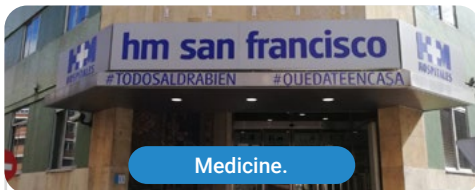
Country: Spain City: La Coruña

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: Spain City: León

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

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

Related internship programs:

- Upgrade 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 Montepríncipe

Country	City
Spain	Madrid

Address: Av. de Montepríncipe, 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	City
Spain	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	City
Spain	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	City
Spain	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

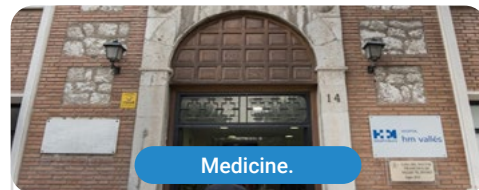
Country	City
Spain	Madrid

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.

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 Cruz Verde

Country	City
Spain	Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

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

Related internship programs:

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry



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 La Paloma

Country	City
Spain	Madrid

Address: Calle Hilados, 9, 28850,
Torrejón de Ardoz, Madrid

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

Related internship programs:

- Advanced Operating Room Nursing
- Orthodontics and Dentofacial Orthopedics



Medicine.

Policlínico HM Moraleja

Country	City
Spain	Madrid

Address: P.º de Alcobendas, 10, 28109,
Alcobendas, Madrid

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

Related internship programs:

- Rehabilitation Medicine in Acquired Brain Injury Management



Medicine.

Policlínico HM Rosaleda Lalín

Country	City
Spain	Pontevedra

Address: Av. Buenos Aires, 102, 36500,
Lalín, Pontevedra

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

Related internship programs:

- Advances in Hematology and Hemotherapy
- Neurological Physiotherapy



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



Medicine.

Sanatorio Galeno

Country: Argentina
City: Tucumán

Address: Av. Manuel Belgrano 2970, San Miguel de Tucumán

General medical clinic offering outpatient care, hospitalization and surgery

Related internship programs:

Upgrade in Anesthesiology and Resuscitation
- Update on Intensive Care Medicine



Medicine.

Sanatorio Central Banda

Country: Argentina
City: Santiago del Estero

Address: Amadeo Jacques N° 175 4300, La Banda, Santiago del Estero

Clinical center for comprehensive inpatient and surgical care

Related internship programs:

- Hepatology
- Primary Care Clinical Ultrasound



Medicine.

Sanatorio Central

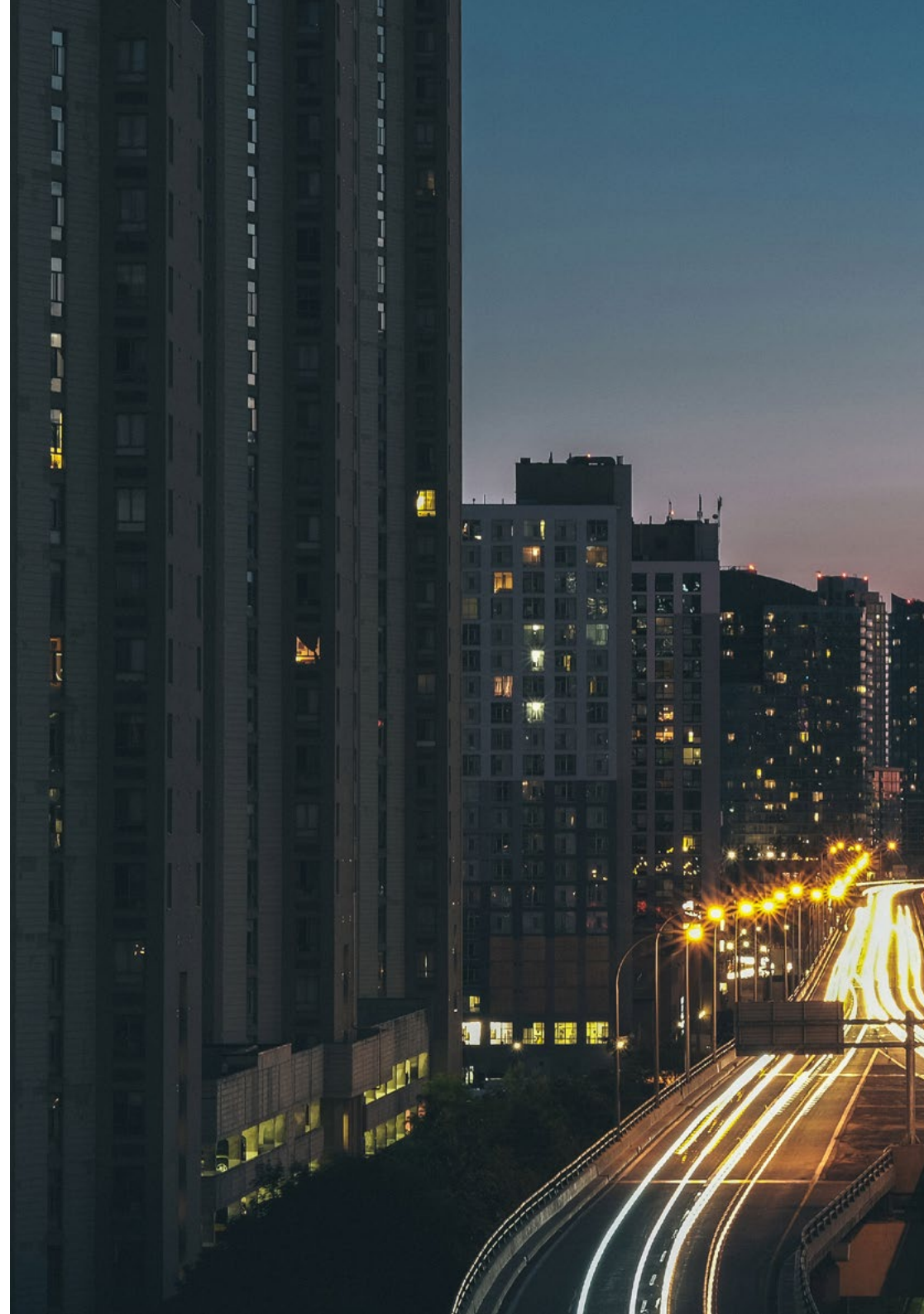
Country: Argentina
City: Tucumán

Address: Av. Mitre 268, T4000 San Miguel de Tucumán, Tucumán

Sanatorium of General Medicine, hospitalization, diagnosis and treatment

Related internship programs:

- Advanced Operating Room Nursing
- Pediatric Nursing





Grupo Gamma

Country City
Argentina Santa Fe

Address: Entre Ríos 330, Rosario, Santa Fe

Polyclinic specialized in various medical specialties

Related internship programs:

Upgrade in Anesthesiology and Resuscitation
- Gynecologic Oncology



Hospital Italiano La Plata

Country City
Argentina Buenos Aires

Address: Av. 51 N° 1725 e/ 29 y 30 La Plata,
Buenos Aires

Non-profit community center
for specialized clinical care

Related internship programs:

- Advanced Emergency Medicine
- Gynecologic Oncology

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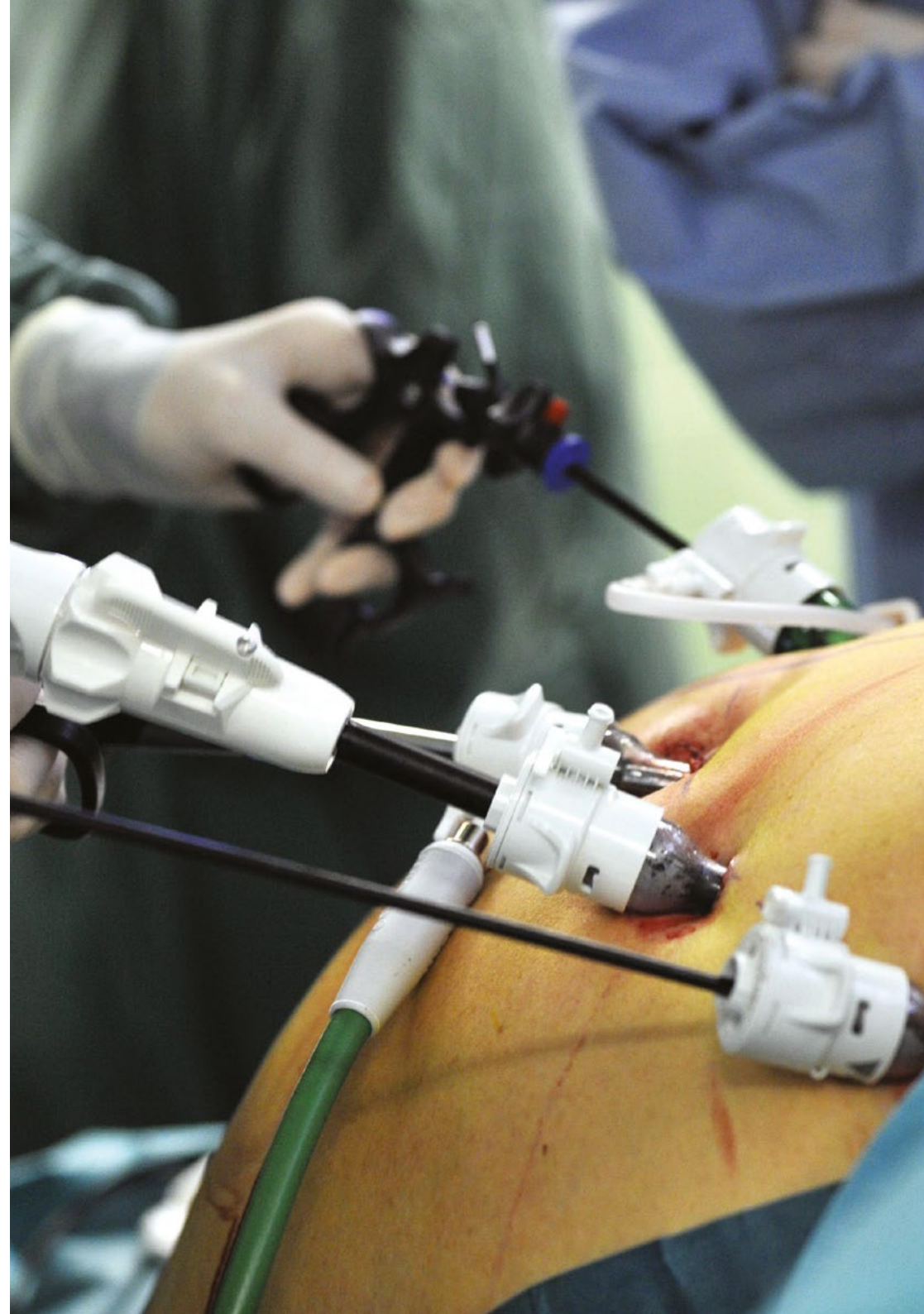
General Conditions

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 entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship program agreement shall be 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 Update in General and Digestive System Surgery** contains the most complete and up-to-date program on the professional and educational field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery*.

In addition to the diploma, students will be able to obtain an academic transcript, as well as a certificate outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

Title: **Internship Program in Update in General and Digestive System Surgery**

Duration: **3 weeks**

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

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



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