

Internship Program Minimally Invasive Surgery in Gynecology



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Internship Program
Minimally Invasive
Surgery in Gynecology

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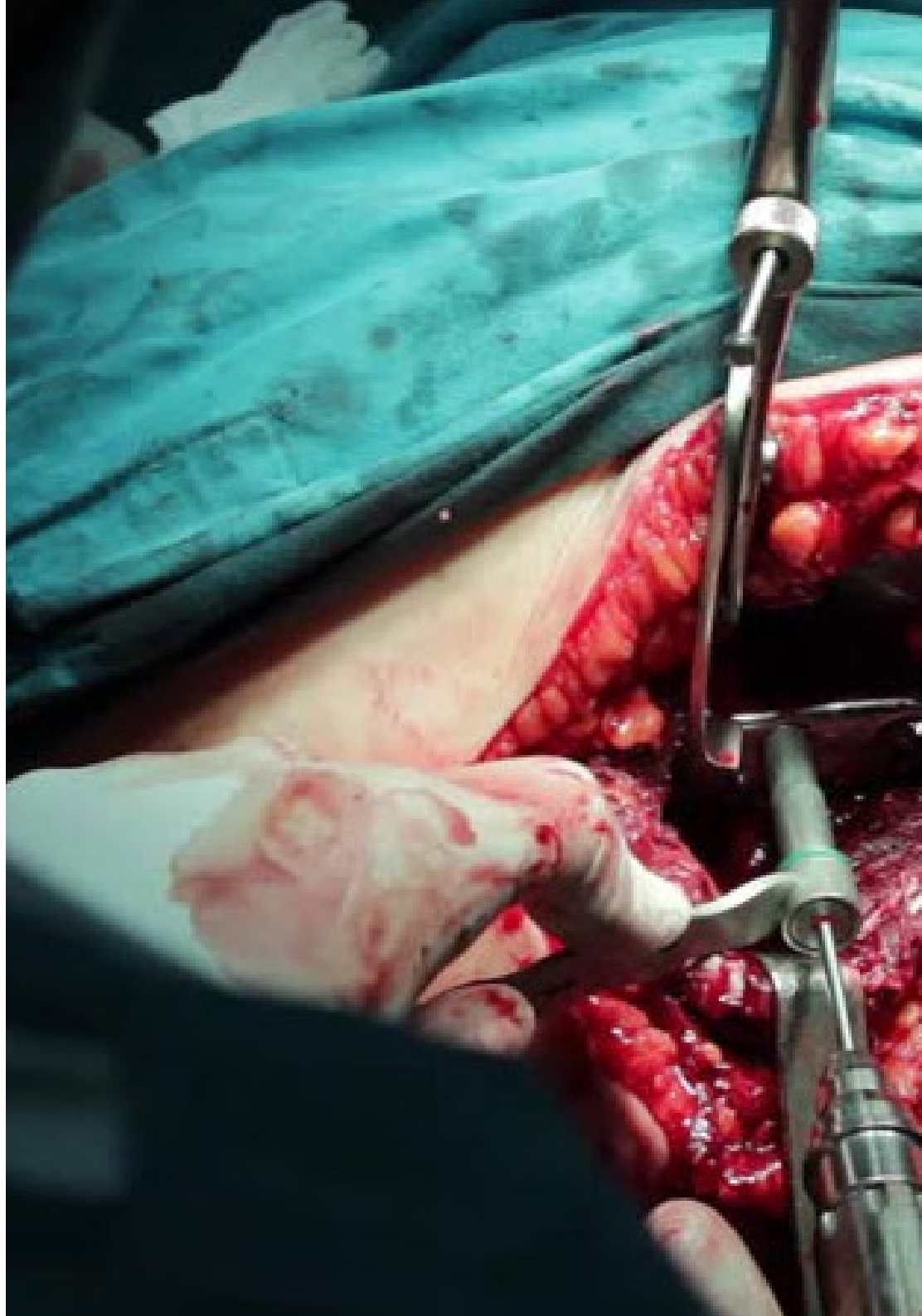
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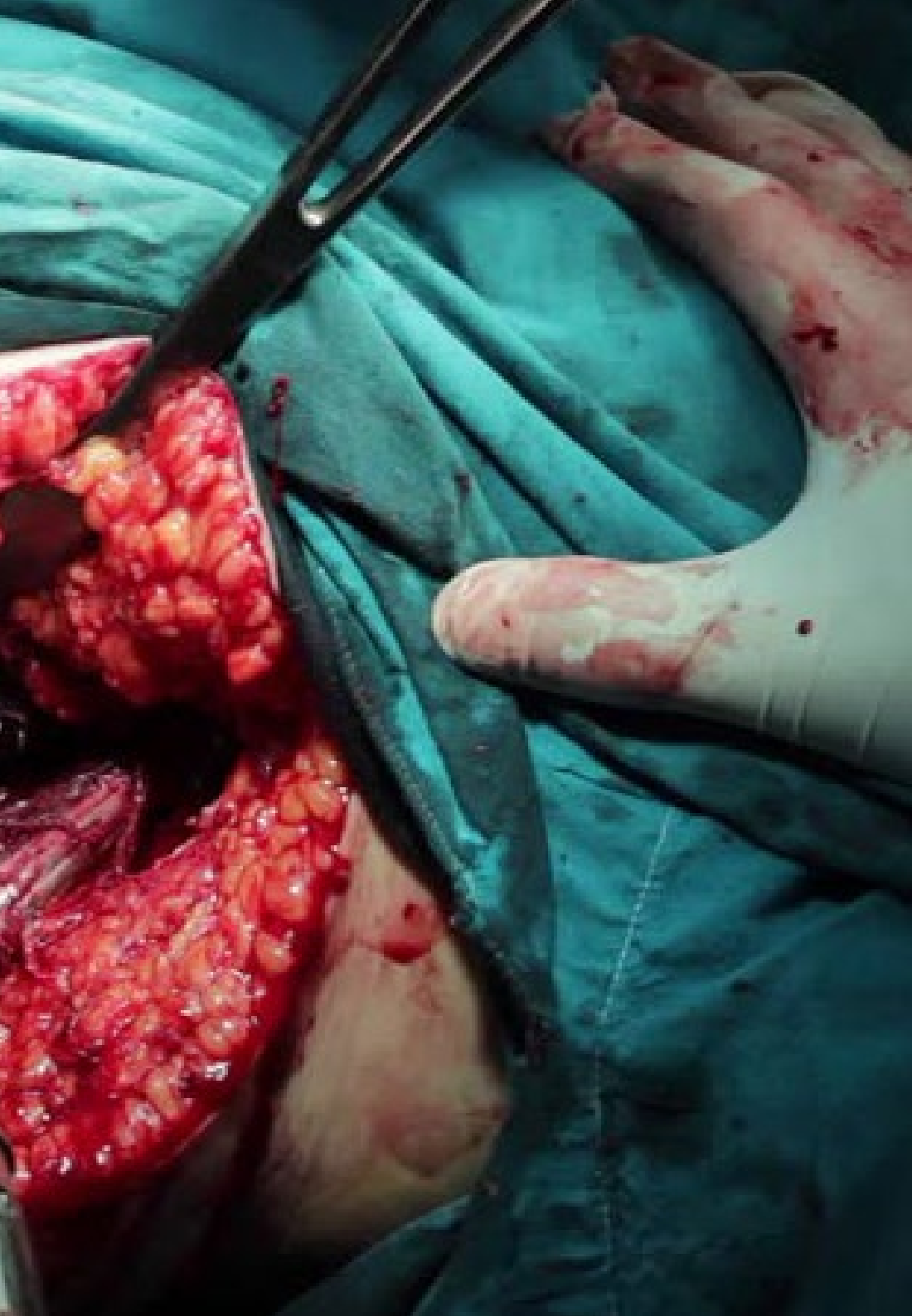
01 Introduction

Hysteroscopic, Laparoscopic and Robotic Surgery are methods that, in recent years, have gained weight in the area of Gynecology to treat diseases such as Endometriosis or ovarian cysts in an agile way. The reduced recovery times offered by these techniques have led hospitals to require surgeons who are experts in their application to ensure the well-being of their patients. In response to this demand, TECH offers this program, which allows the student to access for 120 hours to a hospital of the highest level to, in an exclusively practical way, acquire updated skills in Minimally Invasive Surgery in Gynecology that allow them to assume their professional challenges from the most cutting-edge techniques.

“

*Update, through this program,
your practical knowledge in the
management of Laparoscopic Surgery
to treat diseases such as ovarian cysts”*





The short recovery time intervals, reduced postoperative pain and reduced levels of bleeding are some of the countless benefits that have favored minimally invasive mechanisms to progressively establish themselves in the field of gynecologic surgery. Procedures such as CO2 laser treatments of lower genital tract dysplasia or the use of robotics to address different pathologies are becoming more and more frequent in hospitals. Therefore, possessing high skills in this area is essential to offer a quality medical practice to patients.

In view of this circumstance, TECH has created this program, which will allow the student to assimilate the most updated diagnostic and therapeutic procedures in the field of Minimally Invasive Surgery in Gynecology in an exclusively practical way. During 3 weeks, the specialist will enjoy an experience in a renowned hospital center where, surrounded by the best professionals in the field, he will expand his skills in laparoscopic management to treat Endometriosis or master the innovative techniques of ultra mini-invasive surgery to address various gynecological pathologies.

Likewise, throughout his Internship Program, the student will be guided at all times by a tutor specially designated for him, who will be responsible for ensuring that his learning meets his expectations and enriches his medical activity. Therefore, in only 120 hours and with the opportunity to combine it with their daily work, the professional will acquire a series of skills that will make them a leading specialist.

02

Why Study an Internship Program?

Although identifying the latest diagnostic and therapeutic advances is highly relevant in the field of gynecological surgery, applying them properly in the work environment is a crucial aspect to progress as a physician. For this reason, TECH has focused its efforts on designing a pioneering learning model, which will give the student the opportunity to spend 3 weeks in a prestigious hospital center to master in a practical way all the latest developments in minimally invasive surgery for gynecology.



Thanks to TECH, you will have the opportunity to master the latest minimally invasive surgical procedures in Gynecology in an exclusively practical way, in only 3 weeks"

1. Updating from the latest technology available

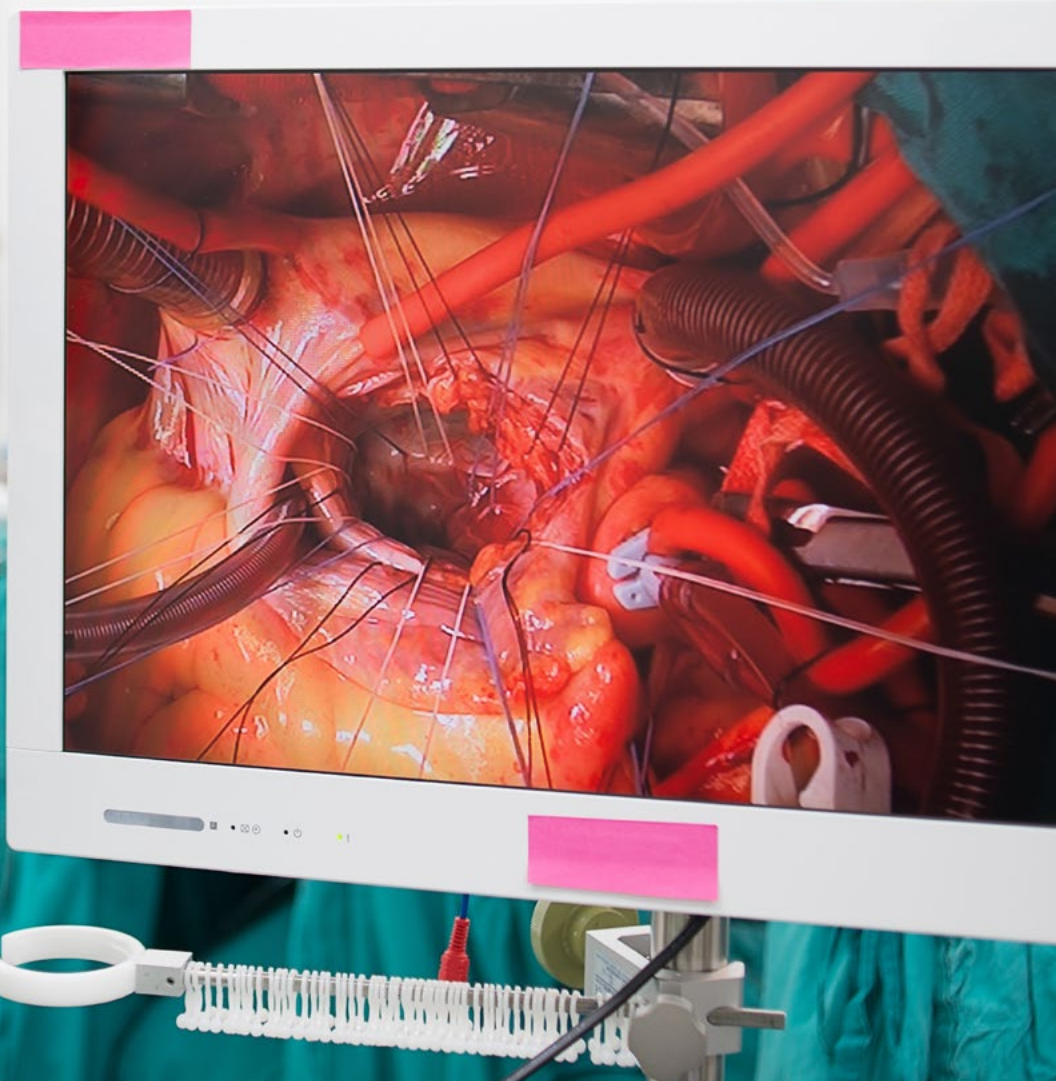
The world of Gynecology has evolved radically in recent years thanks to the use of robotic or laparoscopic surgical techniques to perform minimally invasive interventions. Given this situation, TECH has created this program, so that the professional can acquire new skills in this field in only 120 hours and in an exclusively practical way.

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

In this Internship Program, the student will be integrated into a work team made up of the best professionals in gynecological surgery, which guarantees the excellent quality of the program. Thanks to the advice offered by the tutor who will accompany you during your hospital stay, you will acquire the procedures and techniques of Minimally Invasive Surgery in Gynecology with greater real applicability.

3. Entering First-Class Clinical Environments

TECH carefully selects all the centers available for its Internship Program. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the area of Minimally Invasive Surgery in Gynecology. In this way, he will be able to experience the day-to-day of a demanding, rigorous and exhaustive area of work, 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

In the academic market, there is a great lack of programs that allow the development of medical knowledge in a practical way. Therefore, TECH has created an innovative teaching model, which will enable the student to access a hospital environment for 3 weeks to expand their surgical skills with real patients and enhance their health care practice.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in the best hospitals. In this way, the specialist will be able to update his knowledge with cutting-edge professionals who practice in first class hospitals. 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 enable professionals to update their therapeutic skills in the field of Minimally Invasive Surgery in Gynecology in a completely practical way, through a 3-week stay in a prestigious hospital with the best surgeons who are experts in this area.

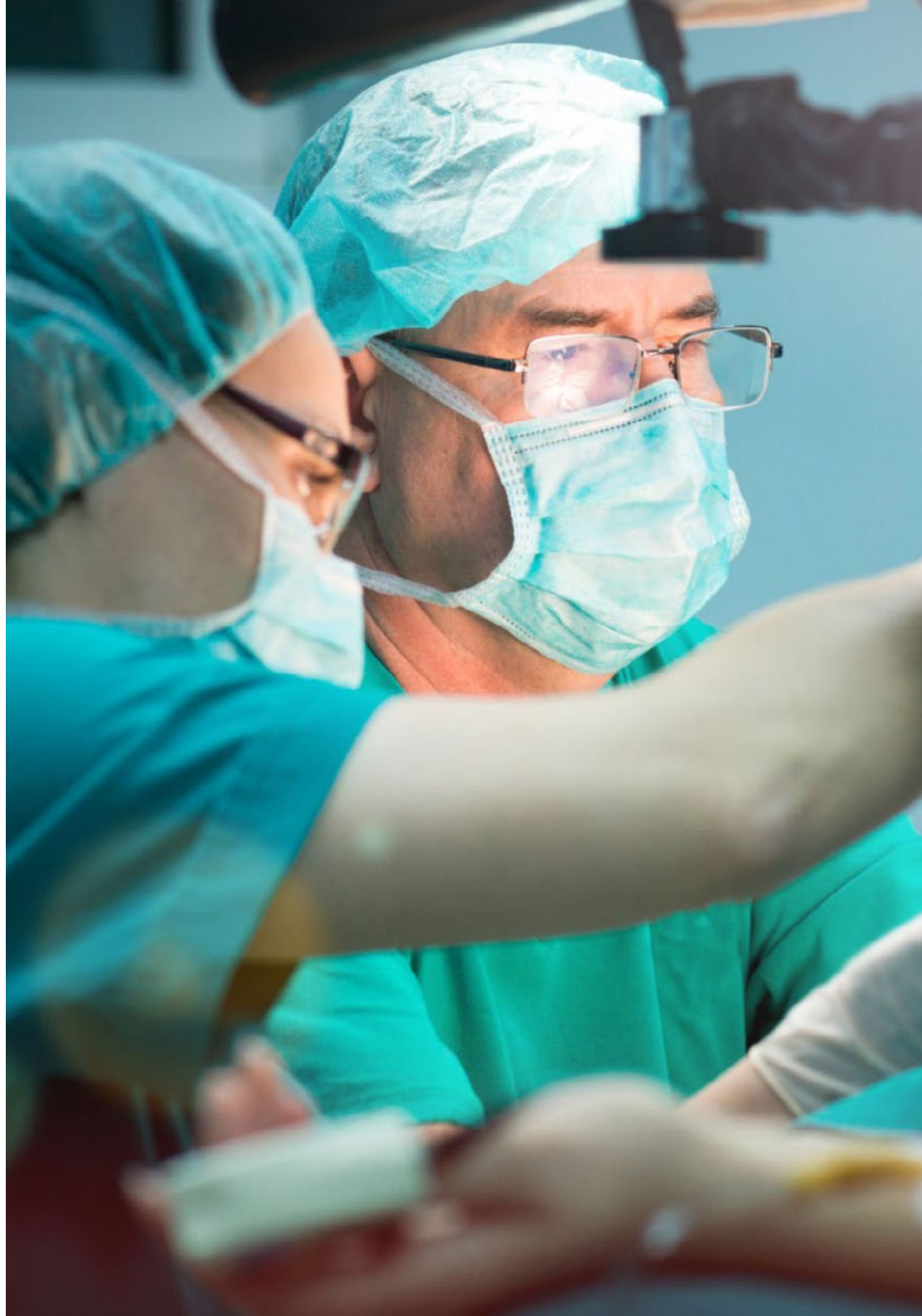


General Objectives

- ♦ Manage the application of laparoscopy in gynecological surgery, both for benign and malignant processes
- ♦ Master the basics of electrosurgery for its application in the field of endoscopy



In an exclusively practical way, you will expand your skills in the field of Minimally Invasive Surgery in Gynecology to assume with solvency the challenges of your profession"





Specific Objectives

- ♦ Determine the anesthetic and recovery details of patients
- ♦ Manage Fast-Track postoperative management and ERAS protocol
- ♦ Select morcellation instruments and apply them safely
- ♦ Identify the dissection and cutting instruments for laparoscopy and the use of each piece of equipment
- ♦ Differentiate between entry trocars used in surgeries
- ♦ Perform pelvitrainersimulation exercises
- ♦ Assimilate the new advances from cadaver simulation procedures
- ♦ Distinguish the types of recorders available for surgery
- ♦ Acquire up-to-date knowledge of the orientation of laparoscopic vision systems
- ♦ Identify the types of insufflators and how they work
- ♦ Determine vulvovaginal area exploration and its relation to pelvic floor pathology
- ♦ Define the specific technique in suturing and intracorporeal and extracorporeal knotting
- ♦ Adapt the avascular spaces for endoscopic surgery
- ♦ Acquire fluency in the resolution of simple pathologies such as endometrial polyps and hyperplasia
- ♦ Master the procedure of placement of the different meshes for the resolution of urinary incontinence
- ♦ Acquire up-to-date knowledge of management procedures for benign ovarian and tubal pathology, including cystectomy and adnexectomy
- ♦ Manage advanced techniques, such as treatment of malformations or hysteroscopic myomectomy
- ♦ Use the different techniques of uterine morcellation and myoma morcellation laparoscopically in a watertight way to avoid the possibility of dissemination in case of uterine sarcoma
- ♦ Establish the strategy to reduce bleeding in laparoscopic myomectomy
- ♦ Incorporate advances in the application of imaging techniques and tumor markers for the diagnosis of endometriosis
- ♦ Update management procedures for endometriosis of the rectal vaginal and ovarian septum, endometriosis of the lateral compartment, bowel,
- ♦ Describe the main characteristics of extra pelvic endometriosis, such as in the abdominal wall, in the lungs and other organs
- ♦ Select which type of laparoscopy should be used for inguinal lymphadenectomy
- ♦ Foresee the complications that occur intraoperatively, as well as those that go unnoticed during surgery
- ♦ Master the peculiarities of endoscopy and its use in pregnant patients
- ♦ Use the different types of robotic systems for surgery, such as the Da Vinci, Zeus or Amadeus
- ♦ Manage the specific technique of the three millimeter ports

04

Educational Plan

This Internship Program consists of a stay in a high level hospital center, lasting 3 weeks, from Monday to Friday with 8-hour days under the guidance of a specialist in the field. This training will allow the student to deal with real patients alongside a team of professionals of reference in the surgical area, applying the most updated intervention techniques to address various gynecological pathologies.

In this completely practical training proposal, the activities are aimed at developing and perfecting the necessary skills for the provision of health care in areas and conditions that require a high level of qualification, and which are oriented towards specific training for the exercise of the activity, in an environment of patient safety and high professional performance.

It is, without any doubt, an excellent opportunity to assimilate new skills through a real experience in a state-of-the-art medical environment, where performing rigorous and safe interventions is the basis for guaranteeing the patient's quality of life.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of skill (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 skills 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 implementation is subject to both the suitability of the patients and the availability of the center and its volume of work, the proposed activities being the following:

Module	Practical Activity
Hysteroscopic and Laparoscopic Surgery in Endometriosis	Perform interventions based on the use of uterine morcellation techniques and myomas laparoscopically in a watertight fashion to reduce the probability of dissemination in case of uterine sarcoma in the patient
	Reduce the patient's bleeding in laparoscopic myomectomy through the application of updated medical strategies
	Manage Endometriosis in the recto vaginal and ovarian septum in a solvent and safe way
Ultra mini-invasive surgery and laparoscopic suturing	Undertake the surgical intervention of a patient using single port surgery
	Operate on patients with various gynecological pathologies through surgery without access ports
	Suture the wound of the patient undergoing surgery using conventional or vascular methods
Benign pelvic floor and uterine pathology	Diagnose the extent of the patient's pelvic floor pathology and determine if her situation requires surgical intervention
	Perform surgical intervention to remove uterine fibroids through laparoscopic myomectomy
	Perform genital prolapse surgery, using the most updated techniques according to the latest scientific evidence
Robotic surgery in Gynecology	Perform the operation of a patient by using trocar-less surgery
	Perform surgery using state-of-the-art methods such as the Da Vinci or Zeus System
	Intervene urgently to solve possible complications that may arise in an operation using robotic surgery

05 Where Can I Do the Internship Program?

In order to allow students to carry out their internship in a center completely adapted to their needs, TECH has selected different high-level hospitals located in different geographical locations, characterized by their state-of-the-art technologies and equipment.



By taking this Internship Program, you will acquire skills that will be completely useful in your day-to-day professional life"





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



Medicine

Hospital Maternidad HM Belén

Country: Spain
City: La Coruña

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

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

Related internship programs:

- Update in Assisted Reproduction
- Hospitals and Health Services Management



Medicine

Hospital HM Rosaleda

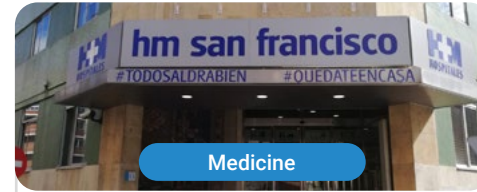
Country: Spain
City: La Coruña

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

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

Related internship programs:

- Palliative Care
- Clinical Ophthalmology



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 private 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 private 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, 1º 28001, 28001, Madrid

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

Related internship programs:

- Advanced Operating Room Nursing
- Orthodontics and Dentofacial Orthopedics



Medicine

Policlínico HM Las Tablas

Country	City
Spain	Madrid

Address: C. de la Sierra de Atapuerca, 5, 28050, Madrid

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

Related internship programs:

- Trauma Nursing
- Diagnosis in Physiotherapy



Medicine

Policlínico HM Moraleja

Country	City
Spain	Madrid

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

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

Related internship programs:

- Rehabilitation Medicine in Acquired Brain Injury Management



Medicine

Policlínico HM Sanchinarro

Country	City
Spain	Madrid

Address: Av. de Manoteras, 10, 28050, Madrid

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

Related internship programs:

- Minimally Invasive Gynecological Surgery



Medicine

Policlínico HM Rosaleda Lalín

Country	City
Spain	Pontevedra

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

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

Related internship programs:

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation

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 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 Internship Program 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 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 Minimally Invasive Surgery in Gynecology** 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 certificate issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Minimally Invasive Surgery in Gynecology**

Duration: **3 weeks**

Attendance: **Monday to Friday, 8 consecutive hour shifts**

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



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