

Internship Program

Cancer of Unknown Origin





tech global
university

Internship Program
Cancer of Unknown Origin

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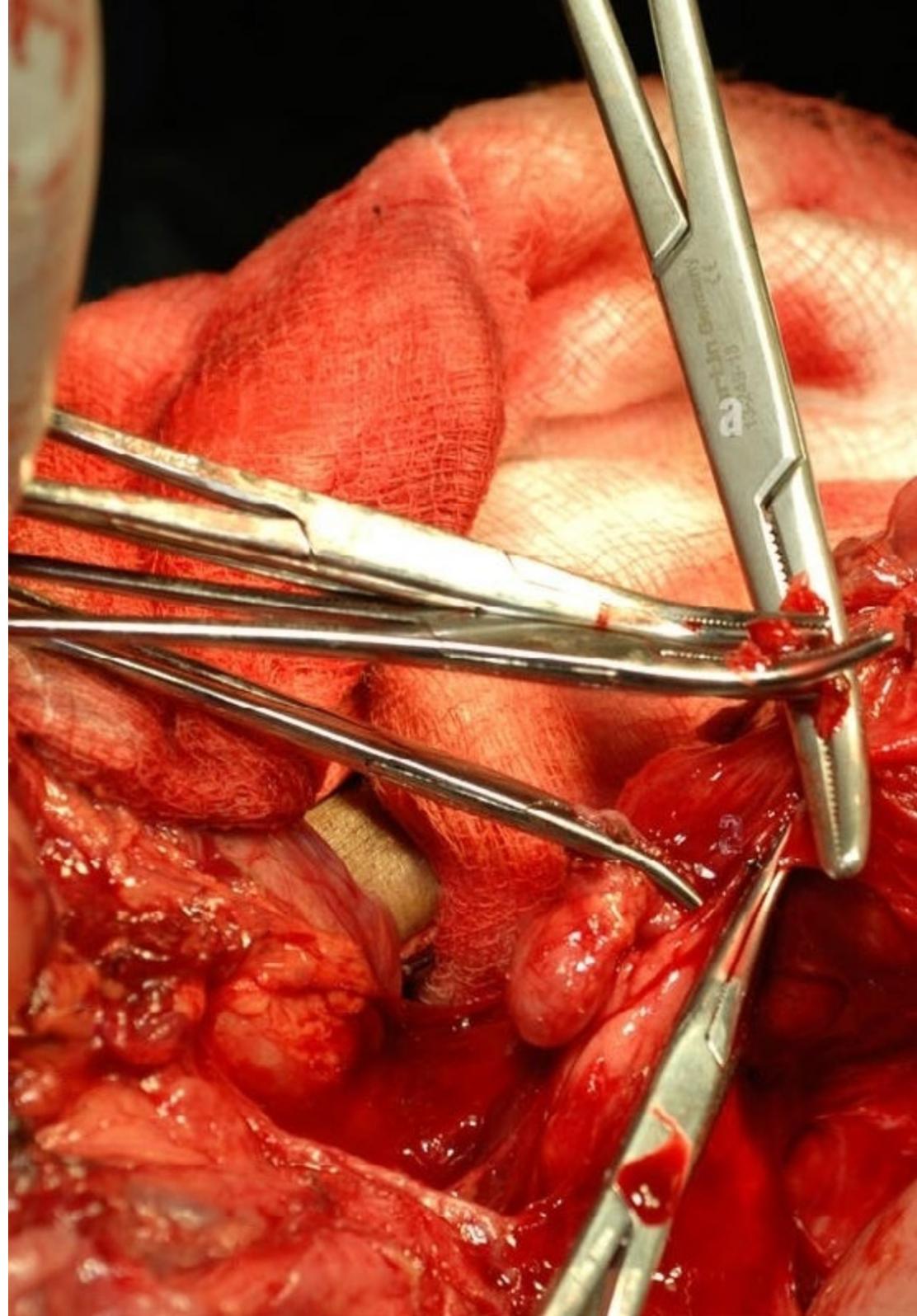
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01 Introduction

Medical professionals are still faced today with identifying the primary origin of certain cancers. Thus, low-frequency or orphan cancers are of great concern to specialists, who have made significant advances in their diagnosis and in the treatments used. Advances that require on-site study, networking and daily clinical practice to increase survival outcomes based on experience. In this line, TECH provides this program that offers a practical stay in a hospital center of reference in the approach to cancer of unknown origin. Thus, during 3 weeks, the professional will be guided by the best experts in this field, who will show the main advances achieved.



This Internship Program will allow you to get involved in a world-class hospital setting in the study and care of patients with rare tumors”





Survival data for patients with Cancer of Unknown Origin are still far from the optimism sought by science and medical professionals. However, the advances obtained thanks to the studies of Biomedicine, Epidemiology or Genetics have made them less and less unknown among the medical community and more effective therapies are applied.

Thus, the strategy for identifying primary tumors in patients is based not only on the clinical trials performed, but also on the continuous work of the professional, who observes, attends and contrasts the information obtained from each clinical case. A fundamental clinical experience, which has led TECH to create this program that provides a real response to the updating needs of specialists in this field.

Thus, this academic institution has designed a program that provides the physician with the most advanced, direct and real knowledge through a 3-week practical stay in a first level hospital center in the field of Cancer of Unknown Origin.

An environment where the specialist will be tutored by a true expert in the field, who will show them the diagnostic techniques and procedures used, the devices used for sample analysis, as well as the treatments prescribed according to the characteristics of the rare tumor. All this will allow students to integrate the most effective methods and methodology, always following the highest scientific rigor.

A unique opportunity that TECH only offers to those professionals who wish to update their knowledge surrounded by the best experts and in hospitals of great national and international prestige.

02

Why Study an Internship Program?

The study and assistance to patients with Cancer of Unknown Origin requires a daily clinical activity in which the latest diagnostic techniques can be applied and an exhaustive follow-up of the evolution of the disease can be carried out. A process that is possible thanks to the practical stay designed by TECH in this program. A unique 3-week experience, in which the medical professional will be able to acquire improved skills and abilities in the analysis, study and treatment of this type of cancer, always under the guidance of an expert in this field. Thus, in this Internship Program, the professional will be able to apply in his daily clinical practice the most recent advances in the approach to this type of disease.



Enter into world-class clinical settings and integrate their methods of studying Cancer of Unknown Origin into your day-to-day professional life"

1. Updating from the latest technology available

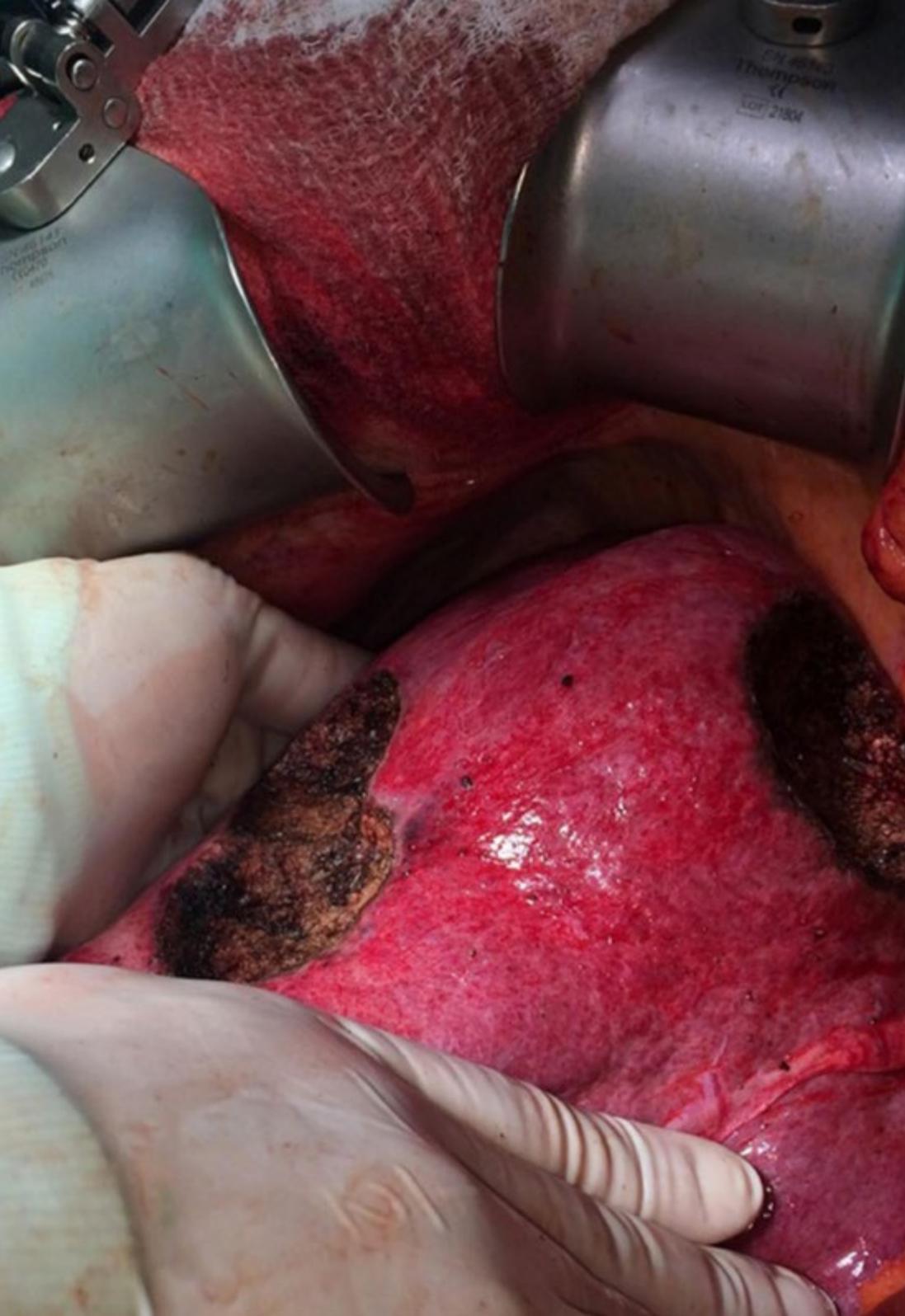
New devices for the analysis and study of samples have made it possible to improve the accuracy of cancer patient diagnoses and in many cases to clarify their origin. For this reason, TECH brings the professional through this program closer to the latest generation technology used in the analysis, study and approach processes of Cancer of Unknown Origin. All this, in a clinical environment, which is at the forefront in this field.

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

The professional who enters this program will be accompanied, at all times, by a true expert in the study of Cancer of Unknown Origin. This will allow you from the first moment to see how the working methods, diagnostic techniques and therapies used in various types of cancer are. An intense and most productive activity in only 3 weeks.

3. Entering First-Class Clinical Environments

In the selection of the centers available for the Internship Program, TECH carries out a rigorous process. As a result, the specialist is guaranteed access to a first-class clinical environment that meets the highest quality standards. In this way, you will be able to carry out a complete update of your skills in the approach to low-incidence cancer, in a first-rate space.



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

At present, there are many educational programs that are far removed from the day-to-day work of professionals. That is why, on this occasion, TECH has designed a program that takes the professional directly into practice. Thus, the specialist will acquire a much more real and complete vision of the advances obtained in the care of patients with Cancer of Unknown Origin.

5. Expanding the Boundaries of Knowledge

The professional who immerses himself in this practical proposal will be able to expand his frontiers of knowledge in a hospital center of national and international importance. In this way, students will join a team of specialists who have performed their clinical duties in first class hospitals and from whom they will obtain valuable and current information on the management of Cancer of Unknown Origin. A unique opportunity that only TECH can offer you.



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

03

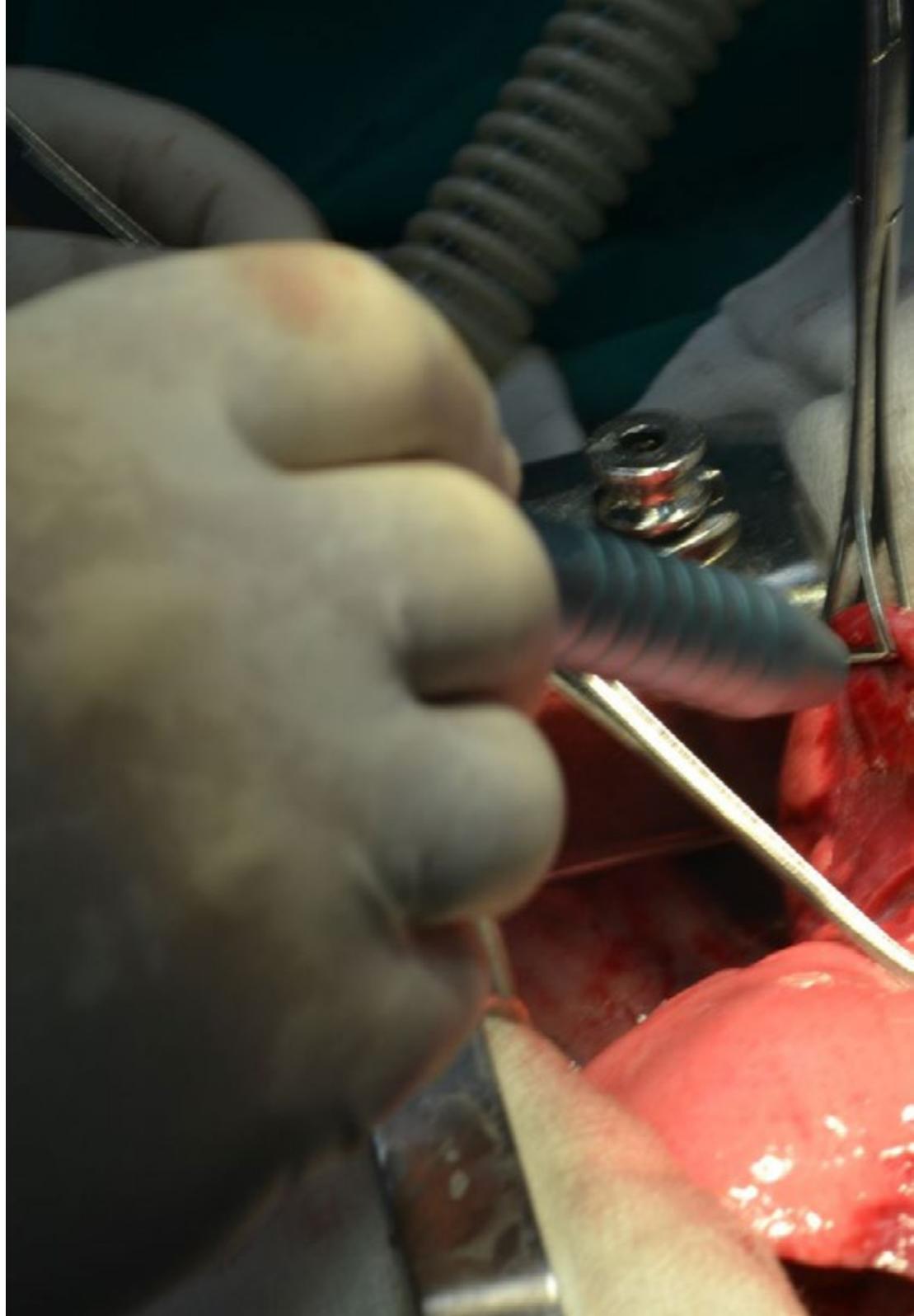
Objectives

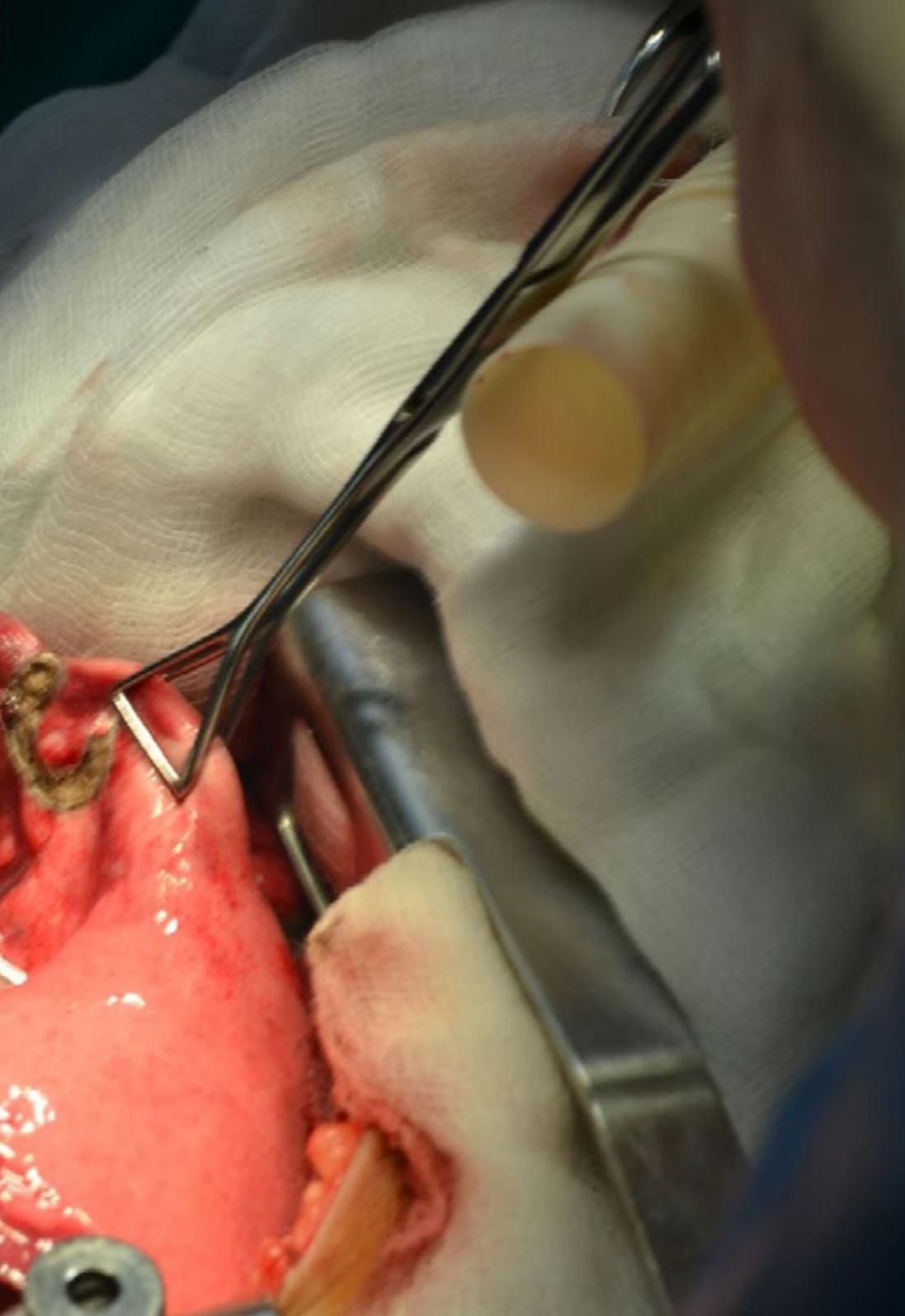
This Internship Program has been created to offer the professional an update through a disruptive pedagogical system, which seeks to provide the most updated knowledge on Cancer of Unknown Origin throughout 120 hours. Always under the guidance of the best experts, with the highest scientific quality and technological innovation available.



General Objectives

- ♦ Master the latest techniques, modern scientific postulates and application of cutting-edge technologies in the treatment of Cancer of Unknown Origin
- ♦ Incorporate into daily practice the most effective pharmacology used in patients with low incidence tumors
- ♦ Know the study techniques, analysis and consultation centers used for more accurate diagnoses





Specific Objectives

- Provide skills for terminal illness, end of life and pain care
- Address the toxicity of oncology treatment
- Use molecular tools in the context of Cancer of Unknown Origin
- Use molecular tools efficiently and safely to detect patients carrying their mutations
- Address tumors with microsatellite instability
- Use diagnostic techniques and new treatment options in rare tumors
- Care for long-surviving patients and their particular needs
- Raise competencies for the care of major cancer syndromes
- Make agnostic tumor diagnoses
- To analyze biomarkers detected in patients with agnostic tumors



You will have at your fingertips the latest progress achieved with long-surviving patients"

04

Educational Plan

The Internship Program of this program oriented to Cancer of Unknown Origin is designed to offer the professional an advanced and intensive stay. For this reason, this program lasts 3 weeks, from Monday to Friday, with 8 consecutive hours of practical training with an assistant specialist.

A stay that will allow students to see real patients, who require much more accurate diagnoses and in which the most innovative technology and the latest generation of therapeutic planning is used for this purpose.

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.

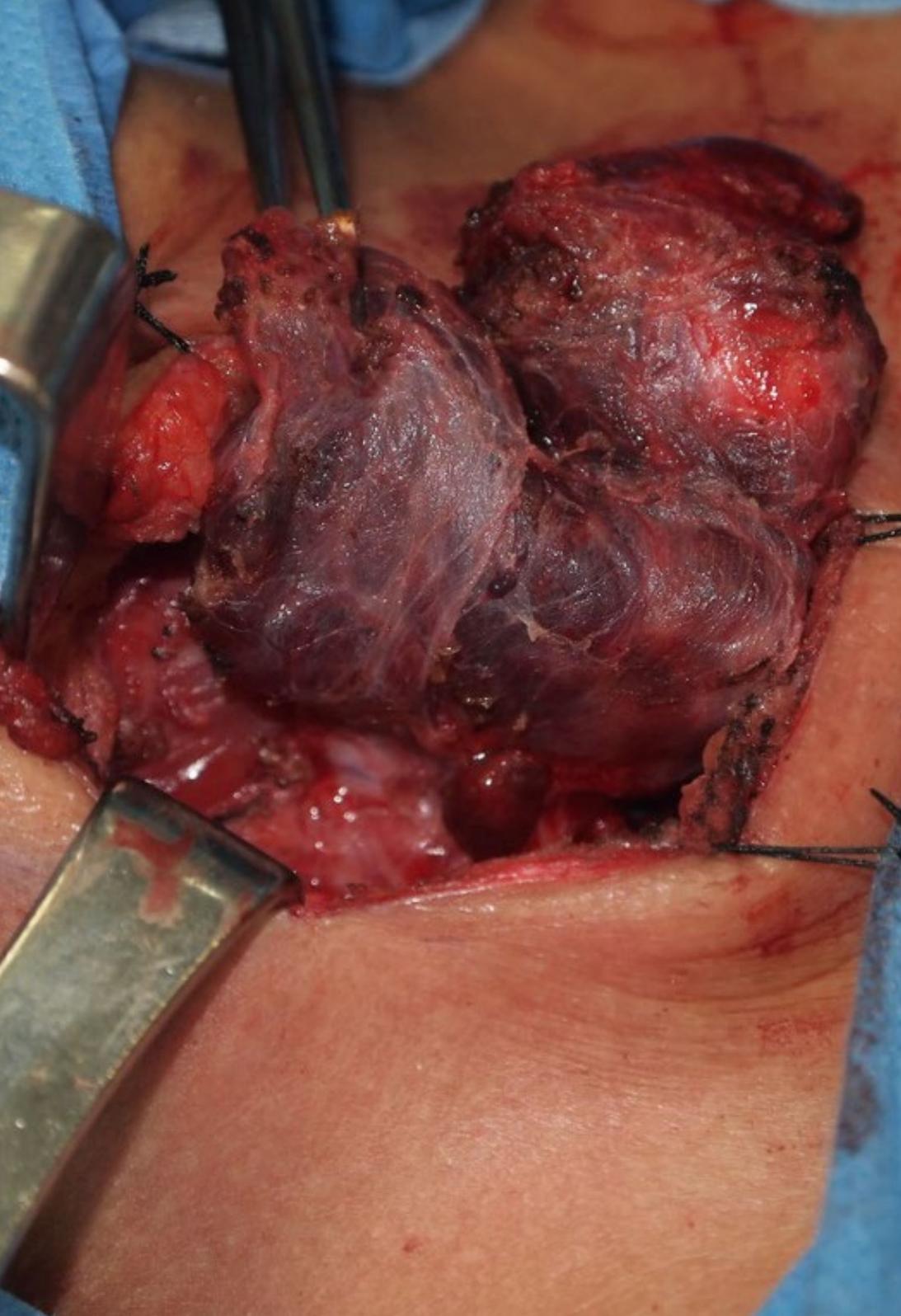
TECH provides, without a doubt, a unique opportunity to learn by working alongside the best professionals in this field, who have a high level of experience and knowledge in dealing with this type of pathology. This institution thus transforms a hospital center into an ideal environment for the improvement of skills through an innovative experience.

The practical education 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 training partners to facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of medical professionals to (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:



Receive specialized education in an institution that can offer you all these possibilities, with an innovative academic program and a human team that will help you develop your full potential"



| Module | Practical Activity |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Clinical Analysis Research Techniques | Collaborate in the study of infrequent tumors according to the lines of research closest to the case in question |
| | Contribute to the consultation of biobanks to obtain accurate data on certain cancers |
| | Access to new clinical trial models and interpretation of the results obtained |
| | To provide solutions to the difficulties in clinical research on rare tumors |
| Treatment and study of pleural tumors and lung cancer | Diagnose the different tumors of pleural origin |
| | Use molecular diagnostic techniques: IHC, FISH, RT-PCR or NGS to obtain accurate results about the type of cancer |
| | Apply guideline recommendations for specimen handling and diagnostic procedures |
| Treatments in long- surviving patients with low incidence tumors | To evaluate the patient's oncologic quality of life |
| | Inform the patient about the impact of supportive care on quality of life and survival |
| | Apply the latest and most advanced treatments for cancer pain and associated symptoms |
| | To establish the mechanisms of action in the face of chemotherapy toxicity |
| Care for palliative patients | Collaborate in the care of palliative patients by applying the most advanced pharmacology |
| | Addressing major end-of-life syndromes |
| | Establish diagnosis of agony in the last days of the patient's life |
| | Apply palliative sedation according to the protocol established by the hospital center |

05 Where Can I Do the Internship Program?

In its maxim of offering a first level update, TECH provides the professional with a range of possibilities to be able to carry out the internship in a reference hospital center. To this end, it has selected the best clinical spaces where real professionals with extensive experience in the approach to cancer of unknown origin work. A unique experience to advance in a field in constant study and progress.



You will have the opportunity to choose a hospital center of reference in the application of innovative therapies in patients with rare tumors"





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 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 La Esperanza

| | |
|---------|-----------|
| Country | City |
| Spain | La Coruña |

Address: Av. das Burgas, 2, 15705, Santiago de Compostela, A Coruña

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

Related internship programs:

- Oncology Nursing
- Clinical Ophthalmology



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 Nou Delfos

| | |
|---------|-----------|
| Country | City |
| Spain | 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 | City |
| Spain | 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

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|---------|--------|
| Country | City |
| Spain | 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 | 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

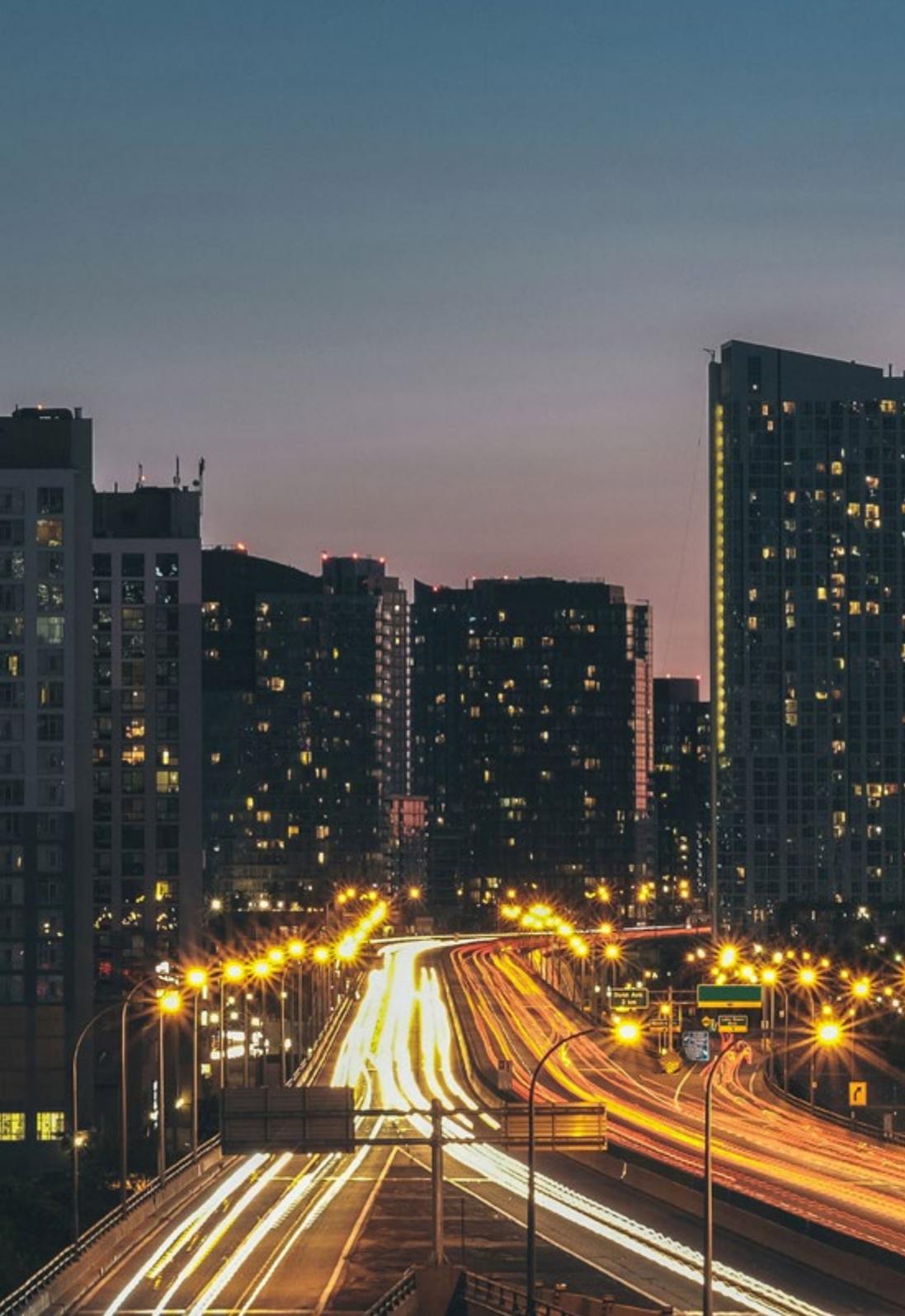
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| Country | City |
| Spain | Madrid |

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

06

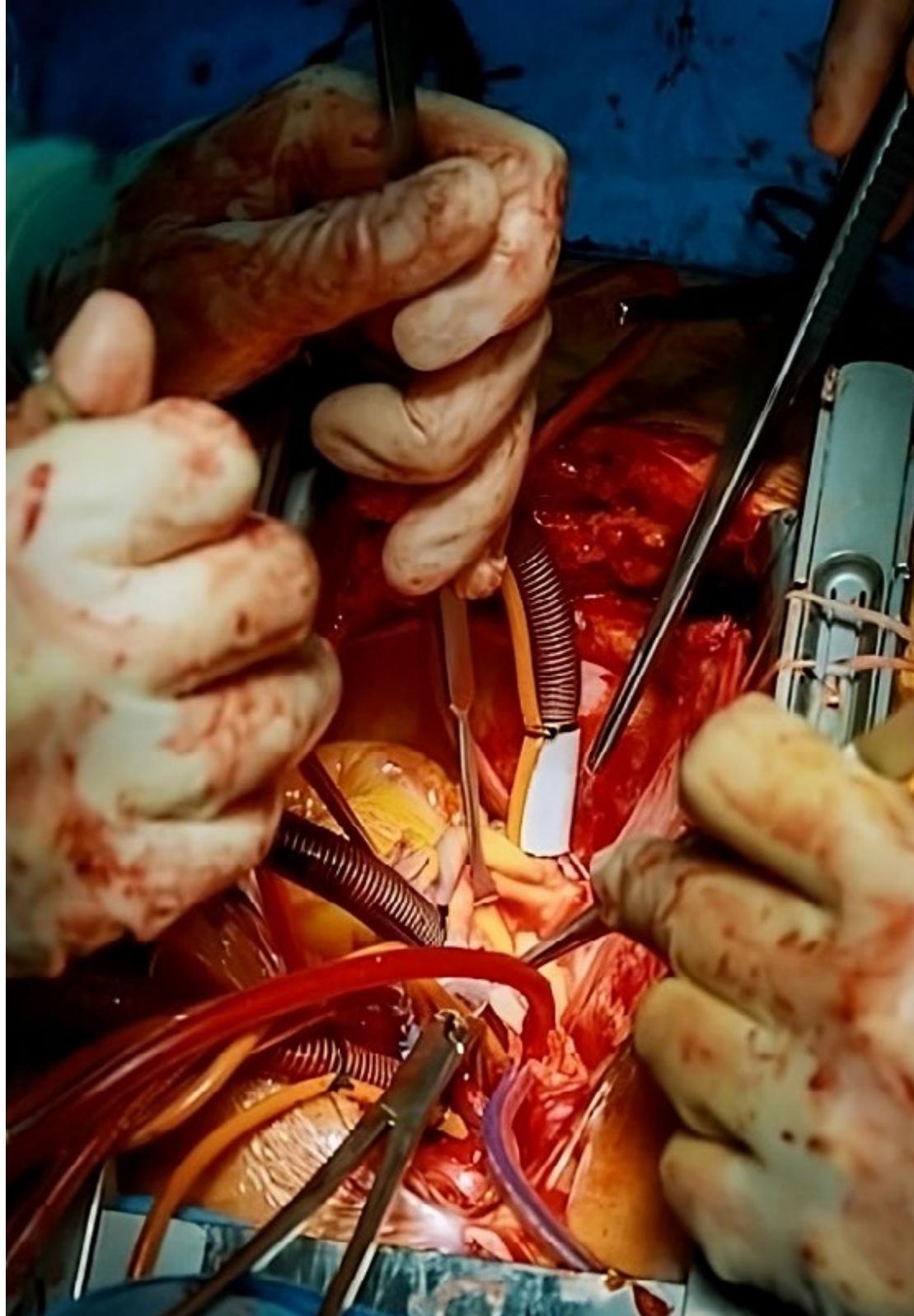
General Conditions

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 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 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 program will allow you to obtain your **Internship Program diploma in Cancer of Unknown Origin** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Internship Program in Cancer of Unknown Origin**

Duration: **3 weeks**

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

Accreditation: **5 ECTS**





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