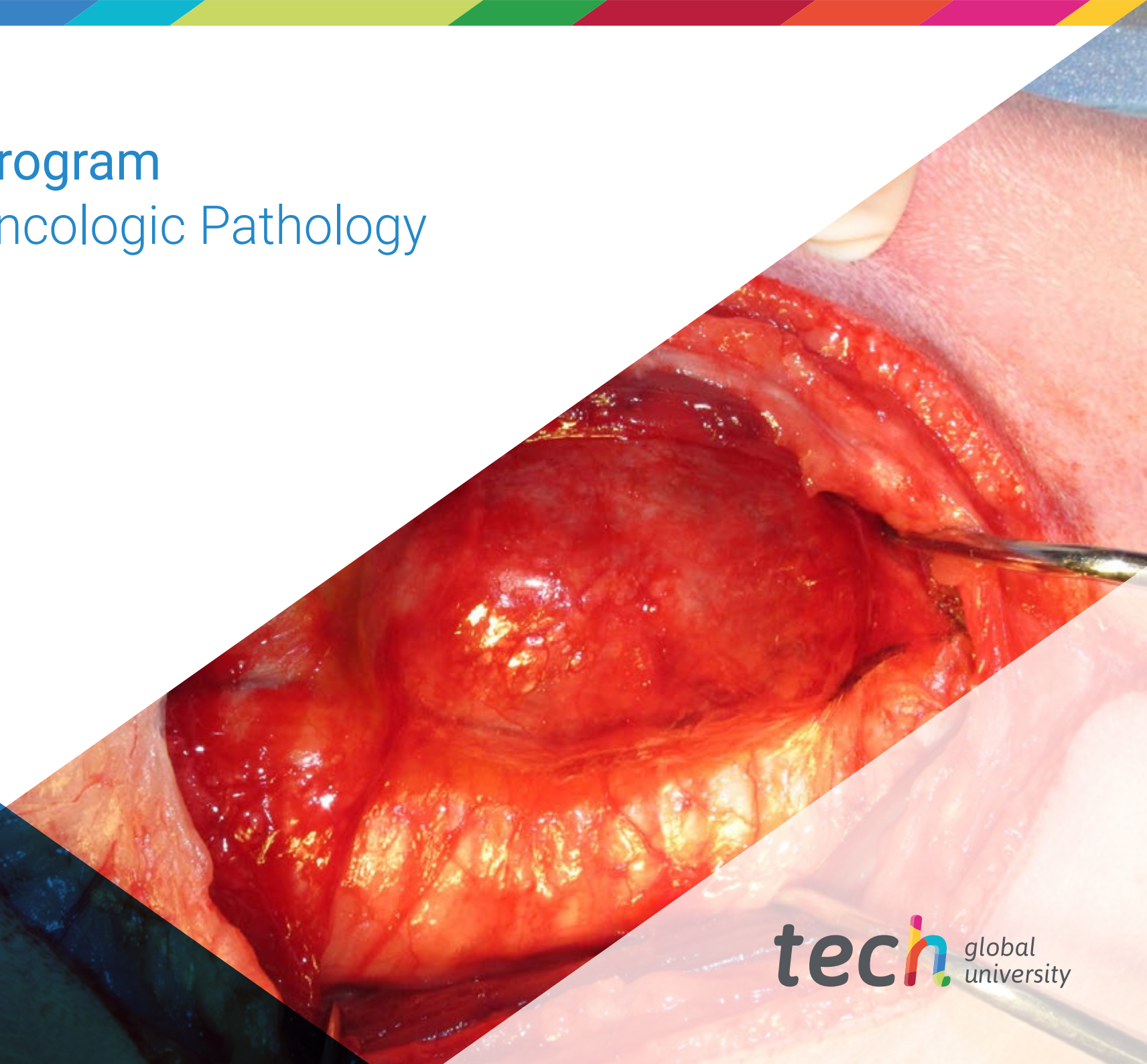


Internship Program

Endocrine Oncologic Pathology





tech global
university

Internship Program
Endocrine Oncologic Pathology

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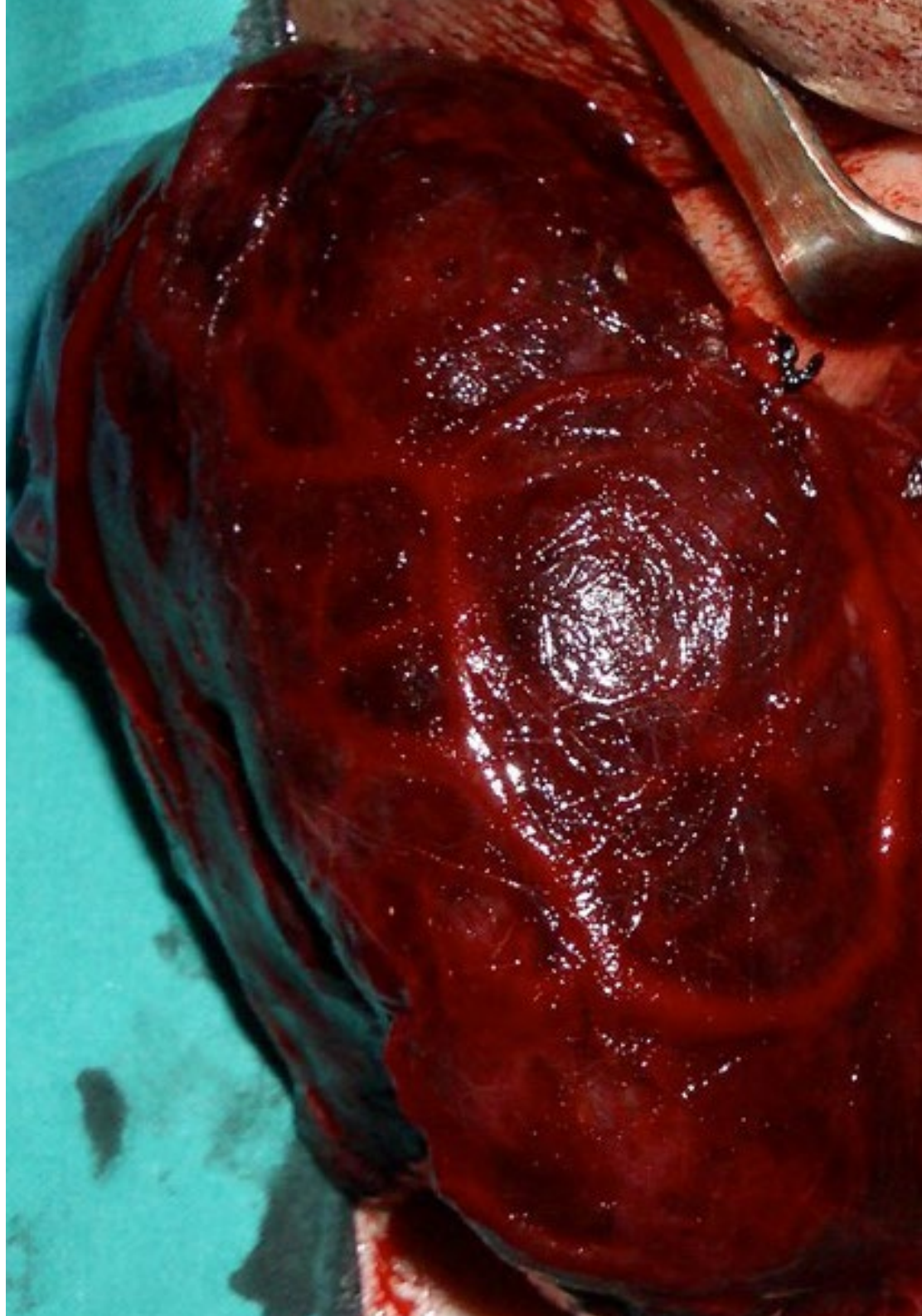
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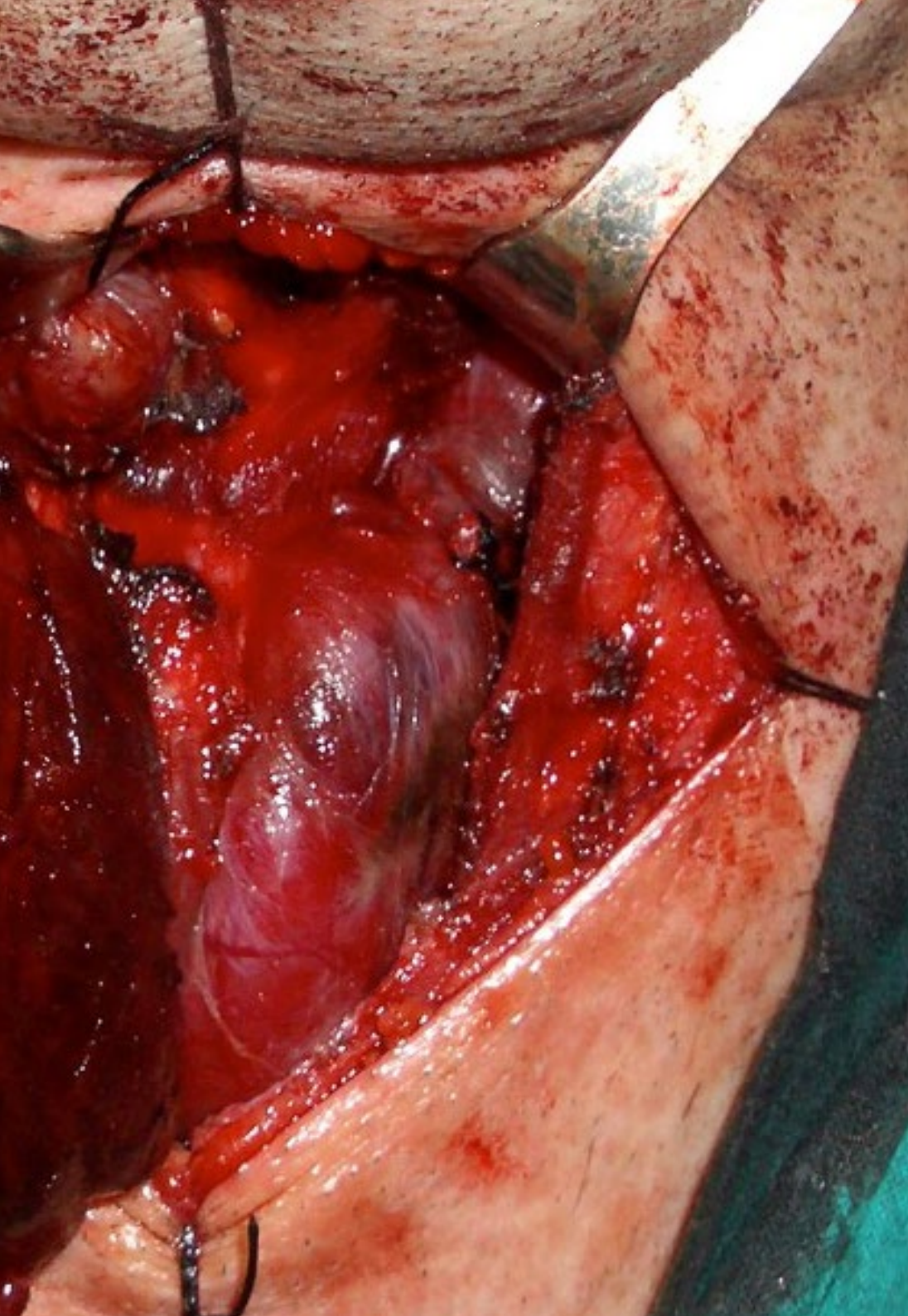
01 Introduction

For oncologists, it is not easy to keep up to date on the management of complex diagnostic tools that assess the excess hormonal activity generated by some endocrine tumors. This is largely due to the continuous updating of that and other areas that oversee cancerous pathologies in Thyroid, Pituitary, Pancreas, and other similar glands. At the same time, there are also no degrees that cover the practical application of new procedures in this health field. For this reason, TECH proposes this 100% face-to-face, intensive and immersive academic modality where the doctor will spend 3 weeks in a prestigious hospital institution. From there, and with the supervision of great experts, you are guaranteed to be updated on these innovations.



Update your professional practice through this rigorous Internship Program where new trends on the treatment of complicated endocrine tumors are collected"





For several years, the medical sciences have been devoting special attention to the study of Endocrine Oncological Pathologies due to the severe damage that these diseases can cause to the human organism. As a result, there have been considerable advances in diagnosis and treatment in this field of health. An example of this is the use of increasingly sophisticated imaging tools, such as magnetic resonance imaging, to identify tumors in the most difficult to access glands. Also, therapies of greater complexity have emerged, such as radiopharmaceuticals and specific chemotherapy serums for their reduction and elimination. Faced with the continuous rise of these advances, specialists find it difficult to keep up to date and, above all, to achieve a holistic practical mastery of all their applications.

That is why TECH has designed an academic model, unique in its kind, which perfectly fits these professional improvement needs. In this way, the Internship Program in Endocrine Oncologic Pathology puts in the hands of the physician a clinical stay in the renowned hospital center that best suits their geographical location and academic interests. The learning period consists of 3 weeks and is divided into consecutive 8-hour days, from Monday to Friday. During this time, the student will have the opportunity to join the healthcare facilities, handle state-of-the-art technologies and perform innovative treatments in real cases with different types of tumors.

In addition to this 100% immersive and face-to-face experience, the specialist will work alongside leading experts. At their side, they will acquire a global mastery of the most effective and recently discovered strategies for the management of Neuroendocrine Tumors and Multiple Endocrine Neoplasia Syndromes. They will also have the personalized guidance of an assistant tutor at all times. This teacher will supervise your progress and will help you to join the most updated and rigorous care dynamics.

02

Why Study an Internship Program?

The fight against endocrine oncologic pathologies demands from the specialist a holistic mastery of the main diagnostic and treatment tools available. They are also expected to be up to date on the latest care protocols and how to carry them out. However, keeping up to date with all these advances is cumbersome, especially in a context where there is a lack of practical educational programs. For this reason, TECH offers physicians the opportunity to update their knowledge through an intensive, on-site stay where, for 3 weeks, they will handle the most modern devices and apply cutting-edge clinical procedures against pituitary, thyroid, pancreatic and other anatomical gland tumors.



This Internship Program is all you need to learn how to interpret the results of the Gammagraphy techniques applied for the search of endocrine tumors"

1. Updating from the Latest Technology Available

With the scientific progress in relation to endocrine oncological pathologies, the technological tools that facilitate the diagnosis and treatment of these types of tumors have also evolved. This degree will provide the physician with access to this cutting-edge equipment to learn, in situ, its main applications and advantages over other more advanced devices.

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

This Internship Program will insert the physician into a staff of distinguished experts in the field of Endocrine Oncology. In this way, the specialist will be able to acquire new knowledge from the experiences of their senior colleagues. Likewise, the specialist will have the personalized advice of an assistant tutor throughout the 3 weeks of face-to-face and intensive stay.

3. Entering First-Class Clinical Environments

Under a careful selection, TECH has coordinated the development of this Internship Program in first level hospital facilities. In them, the physician will have access to a clinical scenario of excellence, equipped with the best technologies for the treatment and diagnosis of endocrine oncological pathologies. Likewise, they will directly attend real cases, under the close supervision of distinguished experts in the field.



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

In the educational market, there are not many practical programs that update the specialist on innovations in Endocrine Oncology. That is why this TECH Internship Program is so singular and unique. In it, the physician can apply cutting-edge procedures and handle the most advanced equipment from the first day of practice. After completing the 3 weeks of this intensive, face-to-face stay, you will be ready to expand your professional practice with excellence.

5. Expanding the Boundaries of Knowledge

TECH, in order to expand the academic horizons of healthcare professionals, has arranged for this Internship Program not to be limited by geographic issues. Therefore, it has coordinated its realization in institutions located in different cities. From this academic nuance, the specialist will reach higher levels of preparation, adjusted to international standards.



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

03

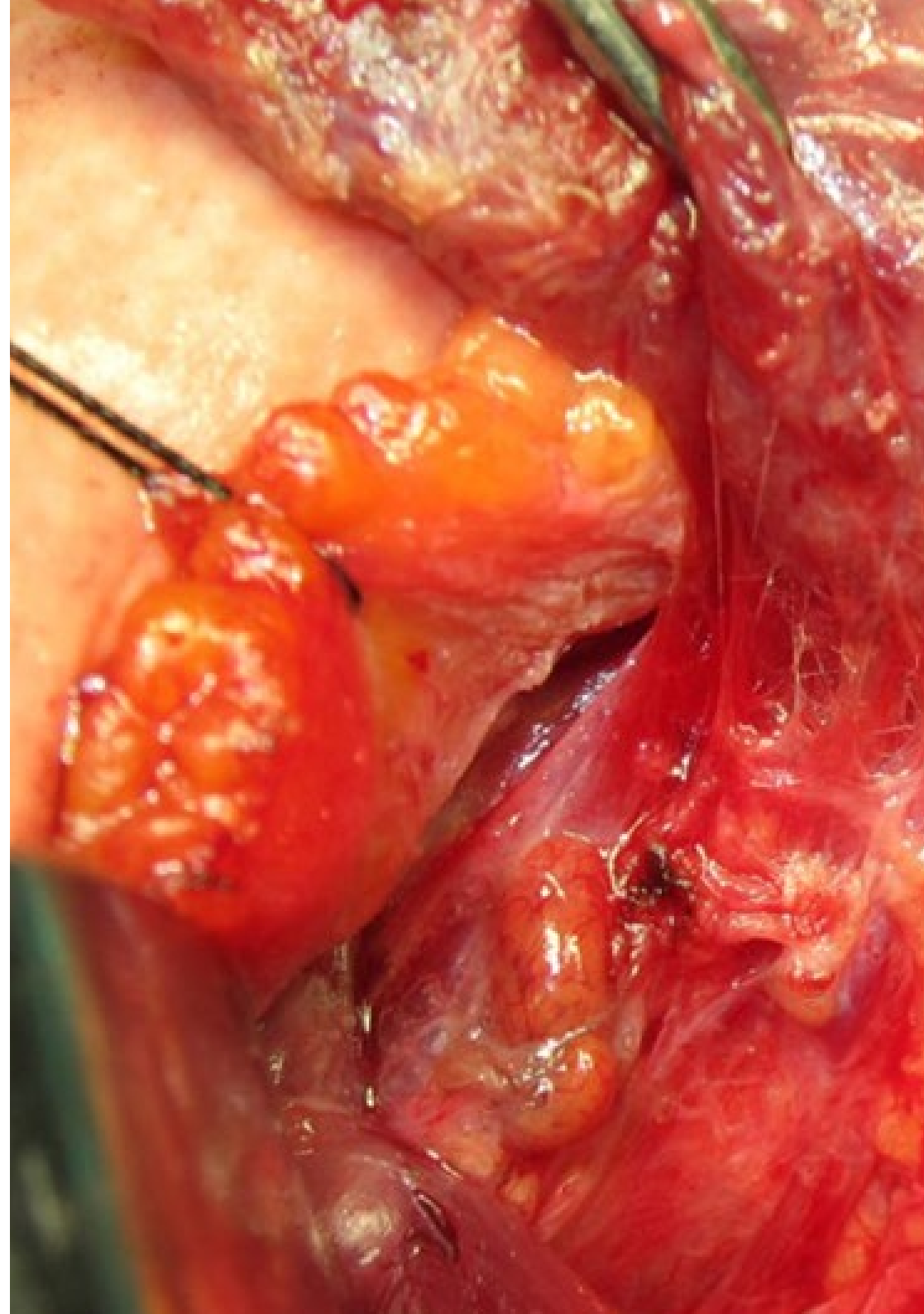
Objectives

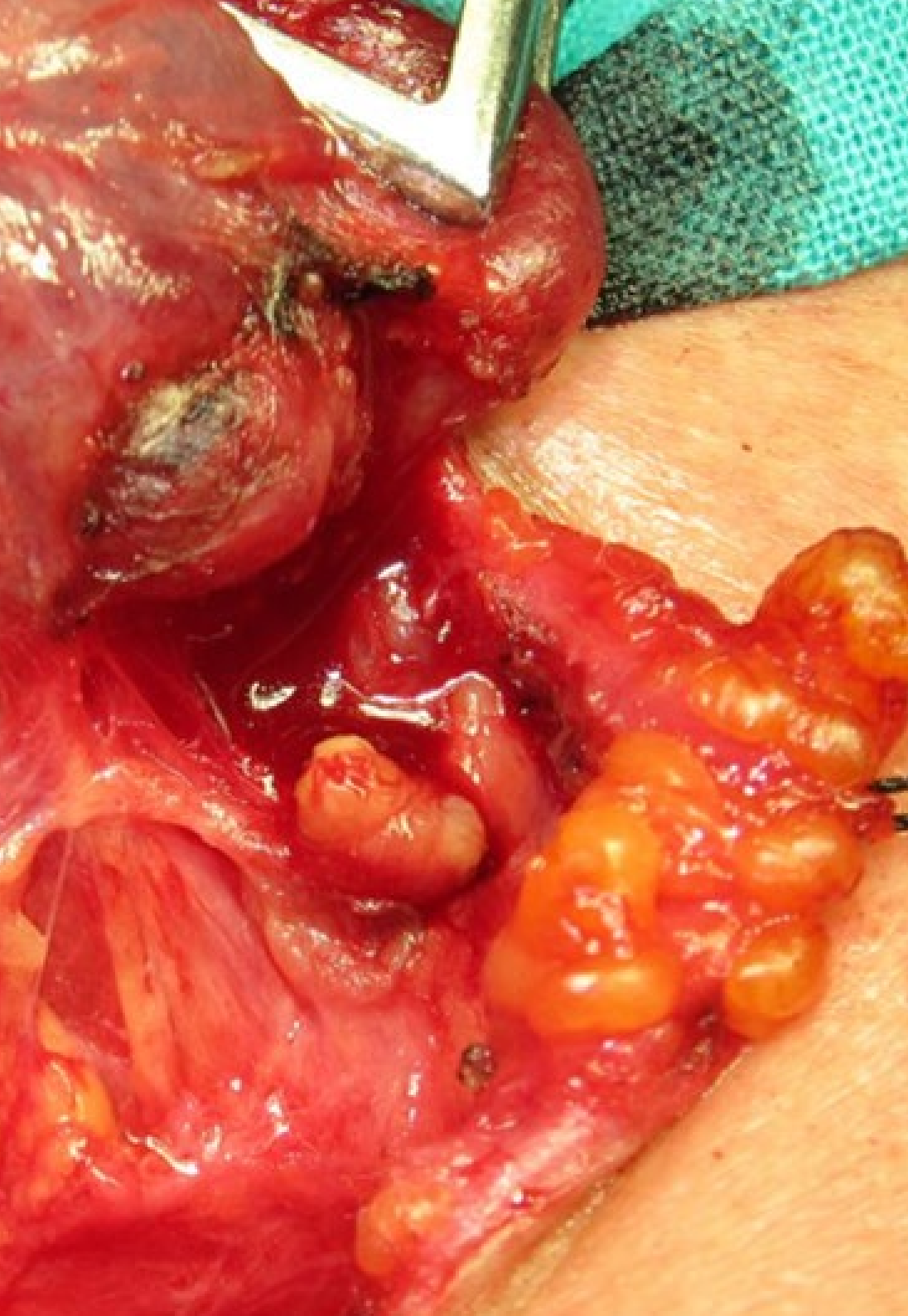
With this Internship Program, the endocrine oncologist will be updated on new trends in this medical area. In addition, this knowledge update will be framed by an intensive and immersive face-to-face clinical stay that will open the doors of prestigious hospital facilities to specialists. In this way, they will achieve their primary objective of carrying out their professional activity in accordance with the latest scientific evidence.



General Objectives

- Delve into the knowledge, diagnosis, and treatment of Endocrine Oncologic Pathology, mastering the most novel aspects of this medical area at present
- Promotes a multidisciplinary approach essential in the management of Endocrine Oncologic Pathology
- Know how to apply new protocols that ensure greater well-being and recovery for patients with such conditions





Specific Objectives

- ♦ To deeply identify the clinical manifestations and the diagnosis of functioning and non-functioning pituitary tumors
- ♦ Delve deeper into the usefulness, characteristics and classifications of Diagnostic Tests endocrine tumors
- ♦ Advance in the knowledge of Indications and Complications in Ethanolization and Ablation Techniques
- ♦ Update knowledge of the pathogenesis of in Differentiated Thyroid Carcinoma
- ♦ Optimize monitoring and prognosis of malignant thyroid tumors not derived from follicular epithelium
- ♦ Analyze new discoveries of incidentally discovered adrenal nodule
- ♦ Delve deeper into the differential diagnosis of primary hyperaldosteronism due to adenoma caused by hyperplasia
- ♦ Master the molecular basis of Pheochromocytoma and Paraganglioma tumors, as well as the importance of genetic studies
- ♦ Advance in the knowledge of the Hereditary Syndromes of Multiple Endocrine Neoplasia
- ♦ Gain Develop understanding of how to monitor Gene Mutation Carriers for the different Syndromes
- ♦ Understand the epidemiology and the molecular and cellular basis of Gastroenteropancreatic Neuroendocrine Tumors.
- ♦ Delve deeper into the Nutritional Approach potentially required by some Endocrine Tumor patients

04 Educational Plan

This Internship Program dedicates 120 hours to learning, in situ, the main novelties in relation to Endocrine Oncologic Pathology. This study period is divided into days from Monday to Friday, up to 3 weeks. During this time, the doctor will apply new procedures to real patients, assisted by the best diagnostic and therapeutic technology, from a renowned hospital institution.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare 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.

For this stay, of a face-to-face and intensive nature, TECH created the figure of the assistant tutor. This person has been appointed to broaden the professional horizons of the specialist, helping them in their incorporation into the most avant-garde healthcare dynamics and supervising their academic progress. In addition, for the development of new competencies, the healthcare professional will be accompanied by leading experts who are part of the staff of the clinical practice centers.

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 teachers and other fellow trainees who facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of La medicine (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the internship, and their implementation 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
Diagnosis of Endocrine Oncologic Pathologies	Correctly assess the different hormones obtained from blood or urine samples to find indicators of endocrine oncologic disease
	Inject a stimulating factor or induce a physical stimulus and, by means of these functional tests, evaluate hormone production
	Obtain a functional image of the brain through Magnetic Resonance Imaging equipment
	Diagnose pituitary tumors through Computed Axial Tomography devices
	Locate the origin of ACTH-producing tumors through petrosal sinus catheterization
New trends in the treatment of neuroendocrine tumors	Use Gammagraphy to detect all kinds of endocrine tumors
	Implement peptide receptor radionuclide therapy, giving the patient a drug that attacks cancer cells with a small amount of radioactive substance such as Lutetium Lu 177 dotatate (Lutathera)
	Treating patients with aggravated neuroendocrine tumors by means of Neoadjuvant Radiotherapy
	Administer chemotherapeutic drugs or serums against cancer cells. of Neuroendocrine Tumors
	Remove the entire tumor and some of the surrounding healthy tissue, or as much of it as possible, through surgery and radiosurgery
Genetic approach of Endocrine Neoplasia of Multiple Endocrine Neoplasia Syndromes	Control the excess of hormones released by the Neuroendocrine Tumor through specific pharmacotherapy
	Indicate genetic testing to a family unit showing a history of genetic mutations related to Multiple Endocrine Neoplasia Syndromes
	Organize follow-up of carriers of gene mutations of the different Multiple Endocrine Neoplasia Syndromes
Latest strategies in patient management to ensure their proper recovery	Establish recommendations regarding lifestyle, physical exercise, cardiovascular health, nutrition and types of diet
	Manage secondary pathologies derived from chemotherapy toxicities such as anemia, neuropathy, mucositis, diarrhea, vomiting, among others
	Optimize the treatment of previous diseases such as diabetes, chronic bronchitis or heart failure
	Preserve fertility in young patients who have not fulfilled their desire to become parents
	Develop outpatient treatment strategies, aimed at rationalizing the use of hospital resources, and improving the quality of life and well-being of patients and their families
Addressing symptoms associated with Endocrine Oncologic Pathologies, such as Chronic Pain	

05 Where Can I Do the Internship Program?

TECH wants to expand the knowledge of its graduates from this Internship Program of excellence. To this end, it has agreed to carry out this model of face-to-face and intensive study in hospital facilities where thoroughness and rigor are a priority. In these centers, the specialist will find the most advanced technological devices and the most highly trained experts. Moreover, they will not be limited by geographic location, since the clinical stay institutions are located in different cities.



Enroll in this Internship Program and take one more step towards the professional excellence required for your career as an endocrine oncologist"





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



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 HM Rosaleda

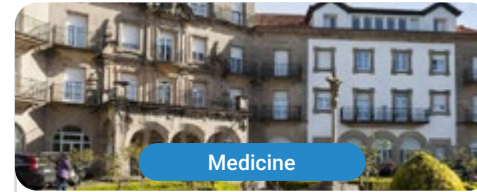
Country: Spain City: La Coruña

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 La Esperanza

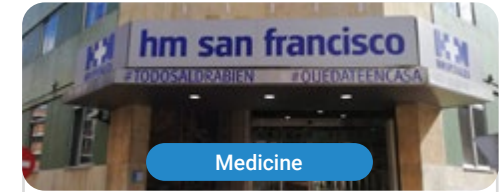
Country: Spain City: La Coruña

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: 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:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department



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	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

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 Throughout Spain

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



“

Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology”

06

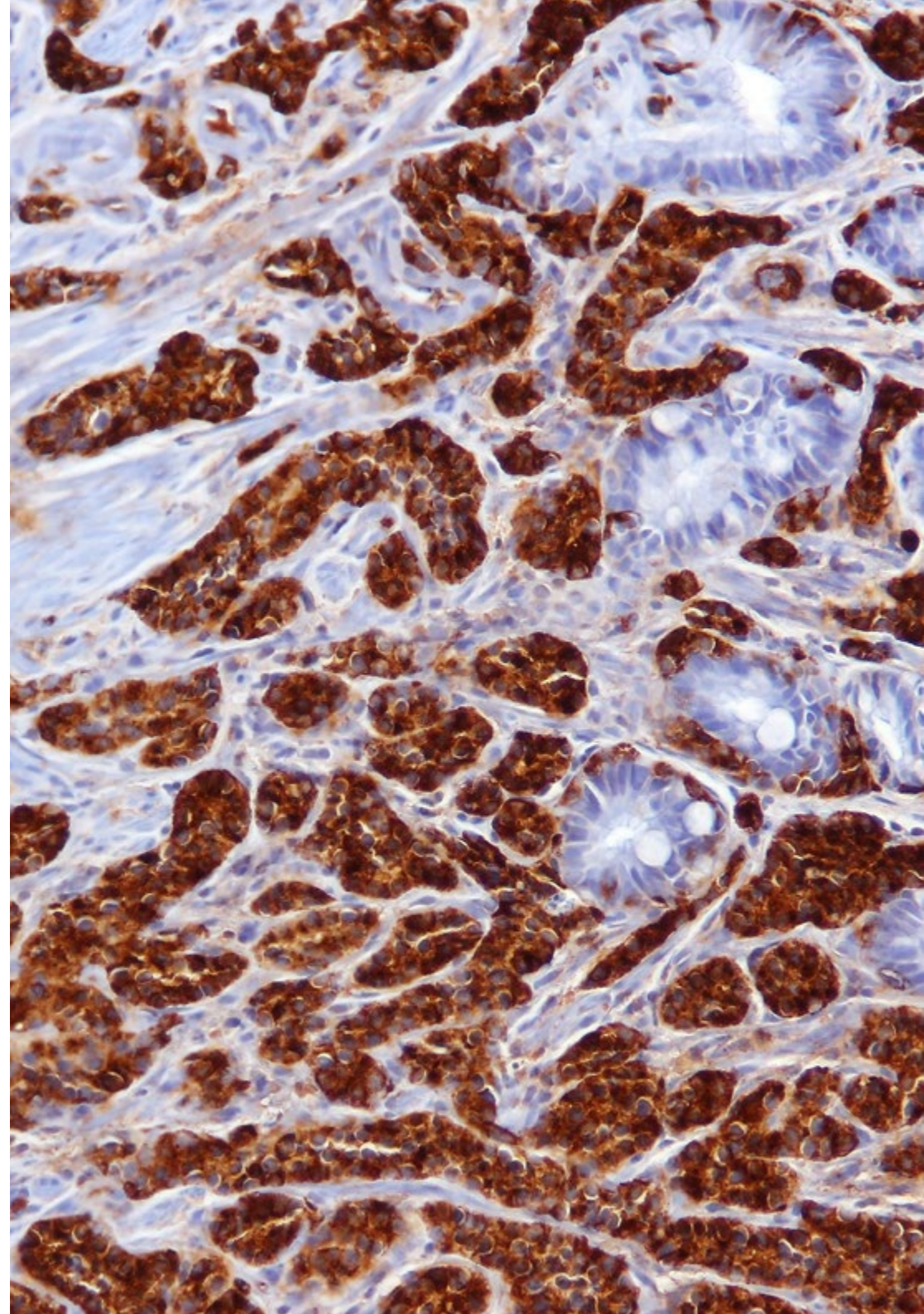
General Conditions

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 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 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 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 do 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 Endocrine Oncologic Pathology** 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.

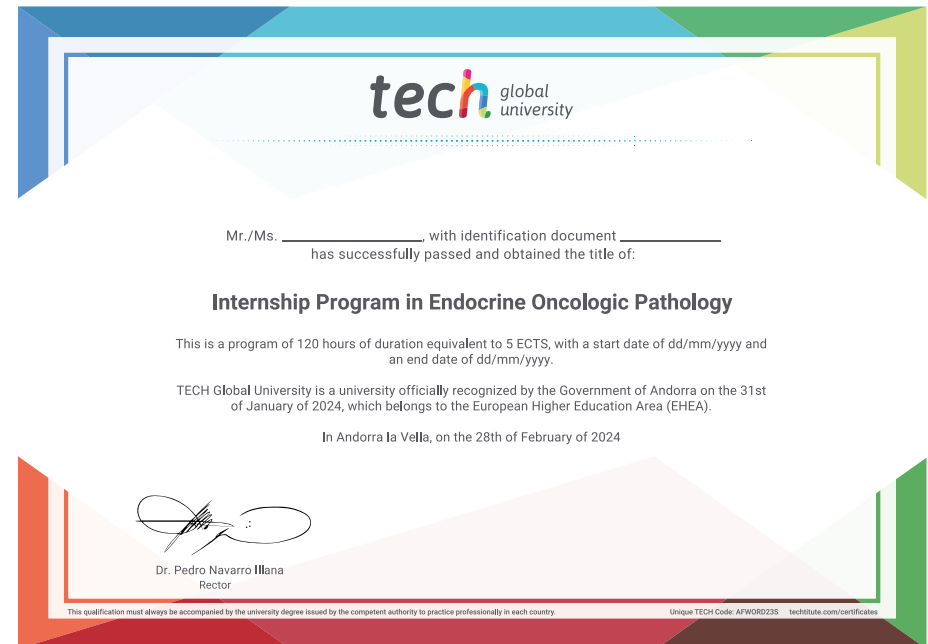
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Internship Program in Endocrine Oncologic Pathology**

Duration: **3 weeks**

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

Accreditation: **5 ECTS**





Internship Program
Endocrine Oncologic Pathology

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