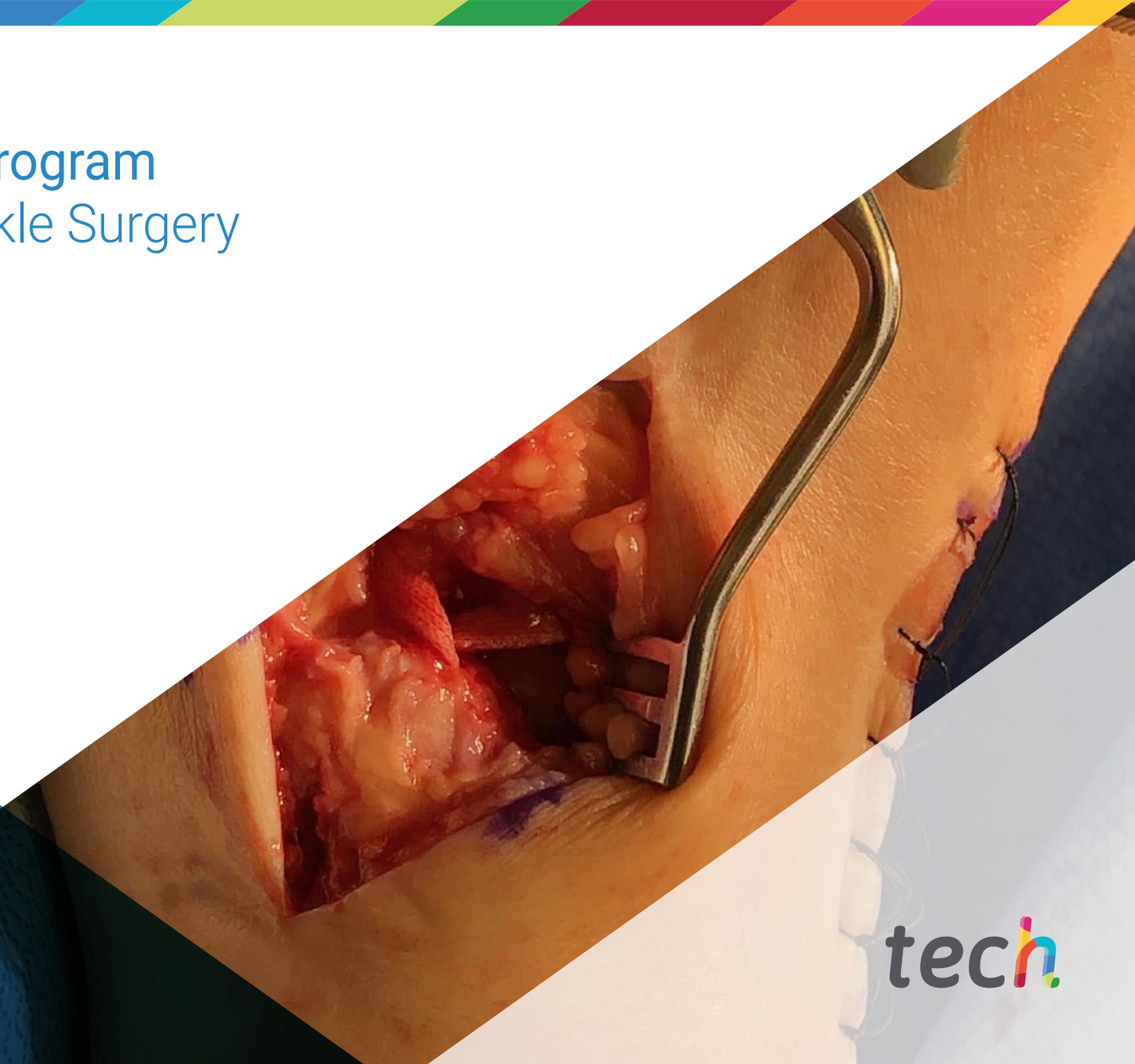


Internship Program

Foot and Ankle Surgery



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Internship Program
Foot and Ankle Surgery

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01 Introduction

Foot and ankle surgery has evolved considerably in recent years. Nowadays, it is unthinkable to think of this specialty without taking into account modern radiological diagnostic technologies or the use of prostheses and surgical grafting techniques. Keeping up-to-date on these aspects is a challenge for any surgeon. In this context, this program offers the physician a unique training opportunity, oriented to the development of practical skills through the direct intervention of real patients, in a first level healthcare environment. This educational modality consists of 3 weeks, in which the graduate will have the opportunity to be part of the healthcare team of a state-of-the-art hospital facility and to be up-to-date with its best experts.



This program will allow you to apply the most up-to-date surgical protocols to patients with foot and ankle injuries, based on a 100% practical stay in a highly reputable clinical center"





Soft tissue reconstruction, the use of skin and bone grafts, as well as the implementation of various flaps are some of the most innovative trends in the field of Foot and Ankle Surgery. These new practices are complemented by the use of new radiological technologies and more in-depth functional tests for the diagnosis of various pathologies. Gradually, these advances have significantly changed this medical specialty, requiring the surgical staff to be increasingly trained to implement all these updates.

Contradictorily, curricula that guarantee the updating of professionals emphasize these aspects in a theoretical way and neglect their practical application. TECH combats this context by applying an educational model, pioneer in its kind, where the graduate has direct access to cutting-edge surgical technologies and can apply these tools and other techniques in the care of real patients with musculoskeletal pathologies in this area of the lower motor apparatus.

The 3-week educational process will take place in a renowned and demanding healthcare institution. The latter will be located in different geographical latitudes, giving the student the opportunity to choose which of them best suits the student's mobility conditions and study interests. From there, you will complete 8-hour consecutive days, Monday through Friday, and you will master the most modern dynamics of your professional practice. At the same time, they will be advised by an assistant tutor, who will be in charge of supervising their progress and promoting the inclusion of complete activities in their daily professional practice.

02

Why Study an Internship Program?

Currently, Foot and Ankle Surgery is undergoing continuous advances. Many of them are based on complex technologies, novel surgical procedures and state-of-the-art prosthetic and graft-based retrofitting techniques. Health professionals will be able to keep up-to-date on these elements thanks to this TECH Internship Program, which integrates, in a classroom-based, intensive and rigorous way, the most up-to-date aspects of this medical area. To this end, the program offers a three-week stay, where the priority is the development of practical skills in a direct way, in the care of real patients, under the supervision of a distinguished team of experts.



Thanks to TECH, you will incorporate to your professional surgical practice the use of modern radiological technologies for the diagnosis of Foot and Ankle pathologies"

1. Updating from the Latest Technology Available

This study program will contribute to the physician's holistic management of the most up-to-date tools in the diagnosis and treatment of foot and ankle pathologies. In particular, it will analyze those radiological technologies used to determine the status of these anatomical parts and those tools that are indispensable in orthopedic surgery in the 21st century.

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

The students who take this Internship Program will have the assistance and personalized guidance of an assistant tutor. This teacher will support your performance and assign you new tasks to enhance the development of complex skills. At the same time, you will be able to interact with other experts, members of the care team of the referral center, to assimilate first-hand all their experiences.

3. Entering First-Class Clinical Environments

To ensure access to the highest standards of sanitary facilities, TECH has carefully analyzed all the options available to it. In this way, it has agreed to incorporate its graduates into internationally renowned hospitals where you can learn first-hand the most sophisticated procedures and gain experience with leading specialists.



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

From the first moment of this Internship Program, the physician will have the opportunity to participate in the diagnosis, clinical approach and treatment proposal of patients with musculoskeletal disorders of the foot and ankle. This is possible thanks to the innovative learning model implemented by TECH, where the practical, in-person and exhaustive activity is a priority.

5. Expanding the Boundaries of Knowledge

TECH is the largest educational institution in the online field, with a significant number of agreements and collaborations with hospital facilities around the world. These contacts facilitate the access of its graduates to the most specialized academic spaces and, therefore, through this program, they will acquire the most suitable skills for the current field of Foot and Ankle Surgery.



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

03 Objectives

During this Internship Program, you will update your practical knowledge in relation to the diagnosis and surgical treatment of Foot and Ankle pathologies. These competencies will be developed in a presential, immersive and exhaustive way, during a 3-week stay, designed under the highest scientific rigor.



General Objectives

- Establish the causes of pathologies for a better understanding of foot and ankle disorders
- Determine the origin of congenital injuries, as well as the analysis of foot, gait and footprint, static and dynamic for the prognosis of injuries or alterations
- Demonstrate the different alternatives of comprehensive assessment of the foot and ankle, with new tools for analysis and management of foot problems
- Analyze the factors that predispose the athlete to suffer injuries
- Develop key concepts of Microsurgery, soft tissue Grafting and Osteomyelitis



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





Specific Objectives

- ♦ Identify the anatomical and functional details of the biomechanics of the foot and gait
 - ♦ Establish assessment schemes in the pathologies presented
 - ♦ Examine the different clinical and paraclinical studies for the comprehensive study of the foot
 - ♦ Determine the anesthetic and analgesic alternatives that are frequently used in these pathologies
 - ♦ Compile the alternatives of procedures or treatments in nail bed lesions
 - ♦ Consider the use of supports and insoles in multiple gait or running disorders
 - ♦ Implement study patterns and analysis of the complexity of neuropathy in the foot, as well as complications and management
 - ♦ Analyze predisposing factors of sports injuries and apply techniques to evaluate the athlete
 - ♦ Master specific surgical techniques for high performance athletes in tendon injuries of the foot and ankle
 - ♦ Inquire into ligament injuries of the foot and ankle in high-performance athletes
 - ♦ Review the indications and technique of shockwave-induced surgery
 - ♦ Apply suitable methods for the evaluation of fractures with emphasis on anatomy and biomechanics to allow appropriate management of such injuries
 - ♦ Establish a physical assessment algorithm to determine the type of injury presented by the patient with fractures around the foot and ankle
 - ♦ Mention radiological or paraclinical studies useful in the diagnosis of fractures and ruling out associated injuries
 - ♦ List alternatives of osteosynthesis material for each fracture and associated injuries
 - ♦ Minimize complications and recovery time after patient's surgeries
- ♦ Propose treatment alternatives in the case of patients with various consolidation disorders in foot and ankle surgery
 - ♦ Determine the ideal , conservative or surgical treatment options , and know how to establish a therapeutic algorithm
 - ♦ Establish contraindications as well as special situations
 - ♦ Update inclusion and exclusion criteria for patients who are candidates for ankle prosthesis treatment
 - ♦ Understand the pathophysiology of osteomyelitis
 - ♦ Detail indispensable principles for the realization of a graft or flap in the coverage of skin defects at the level of the foot and ankle



Master the correct application of arthroplasty techniques, soft tissue reconstruction and the use of shock waves in sports injuries in just 3 weeks of intensive and immersive study"

04 Educational Plan

This Internship Program is distinguished in the educational market for its link to first class and internationally renowned hospitals. TECH graduates will develop this modality of studies for three weeks, in 8-hour days, from Monday to Friday, and at all times will be guided and supervised by experts with a high experience in the implementation of the latest procedures related to Foot and Ankle Surgery.

In this program proposal, completely practical in nature, the activities are aimed at the development and improvement of the skills necessary for the provision of surgical services of the Foot and Ankle, and which are oriented to the specific training for the practice of the activity, from a high performance.

This educational opportunity, 100% practical and in-person, will help students assimilate current protocols for the care of patients with different musculoskeletal pathologies in a faster and more flexible manner. It will also provide them with access to state-of-the-art technologies for the diagnosis and treatment of the most severe conditions of this type.

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 that facilitate teamwork and multidisciplinary integration as transversal competencies for the surgery and medical practice (learning to be and learning to relate).



*A unique training experience,
key and decisive to boost your
professional development"*



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:

Module	Practical Activity
Diagnostics and analysis	Practice inspection and palpation for different foot and ankle pathologies
	Perform gait studies, including dynamic gait tests or baropodometry, among others
	Use of advanced radiological technology to carry out resonance and tomography studies
	Undertake ultrasound scans to detect various pathologies
Approach to sports injuries of various kinds.	Examine cases of Achilles tendon injuries, applying both conservative and surgical treatment as appropriate
	Plan the operative session for a posterior tibial or ligament injury procedure
	Participate in the use of shock waves for foot and ankle sports injuries, taking into account protocols and contraindications
	Use of orthobiological techniques in athletes, including the use of hyaluronic acid and platelet-rich plasma
Intervention in Midfoot, Rearfoot and Forefoot	Treat problems related to metatarsalgia, metatarsophalangeal complex and associated with triphalangeal toes
	Plan a preoperative approach to the patient taking into account the necessary measures to optimize results
	Be involved in the use of minimally invasive techniques for the treatment of metatarsalgia and other pathologies
	Attend to the treatment of sequelae derived from pseudarthrosis or acute infections
	Participate in surgical techniques involving fracture or osteoarthritis of the tarsometatarsal joint
New Foot and Ankle Surgical Techniques	Be involved in interventions involving skin grafts, soft tissue reconstruction and various flaps
	Attend to the management of various bone defects that complicate the surgical process
	Participate in interventions requiring arthrodesis or total arthroplasty
	Perform tendoscopic, arthroscopic, posterior and anterior ankle impingement and tendonectomy procedures

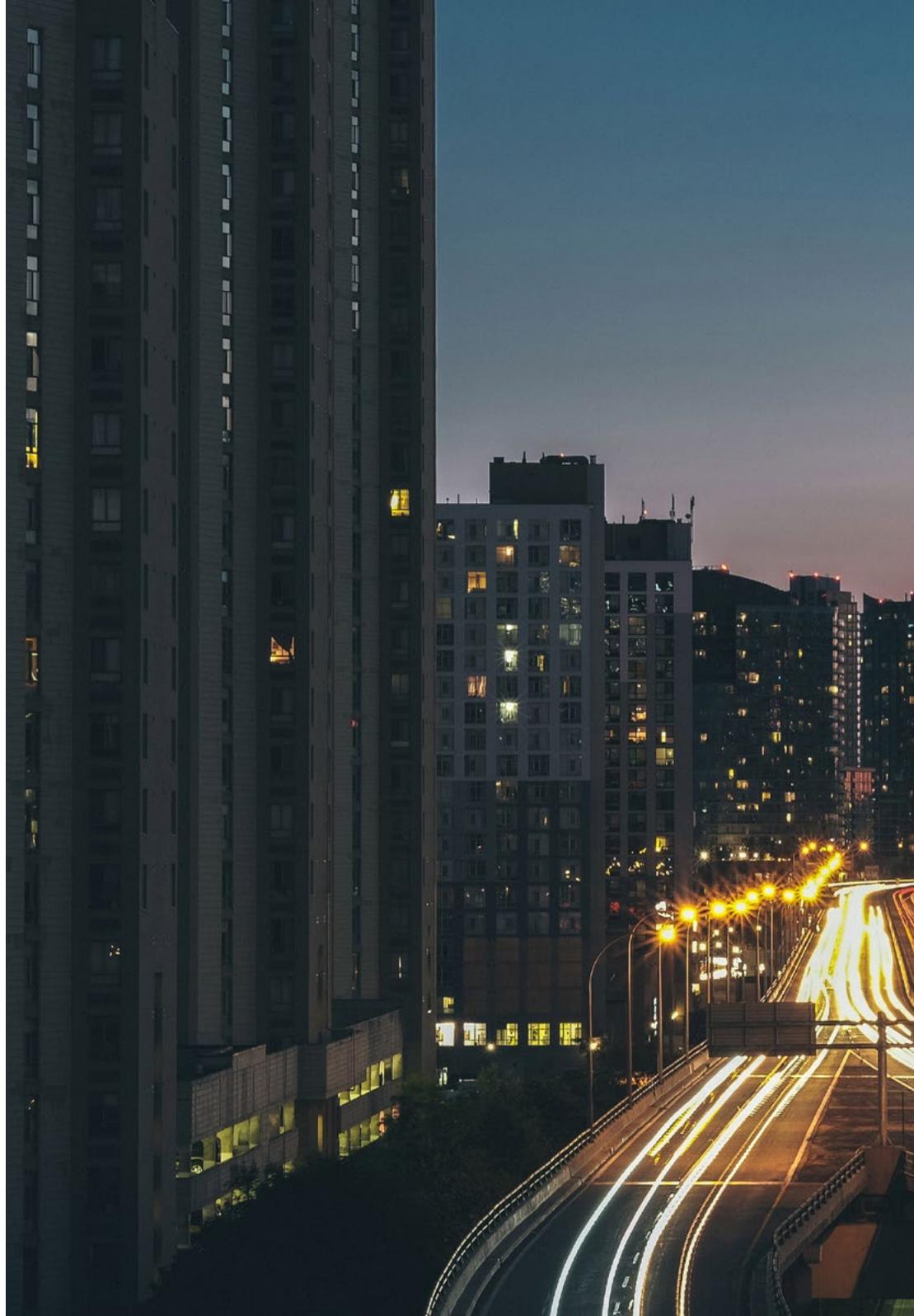
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Where Can I Do the Internship Program?

With the premise of offering quality, cutting-edge education, TECH offers healthcare professionals an unparalleled academic opportunity. Surgeons interested in improving their skills in Foot and Ankle Surgery will be able to access first level health institutions located in different geographical latitudes. From these spaces, they will be able to use innovative technologies and apply the most up-to-date surgical protocols of the moment, under the review and guidance of leading experts.

“

Expand your practical skills in Foot and Ankle Surgery at a prestigious center and apply all of them for the benefit of real patients”





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



Medicine

Hospital HM Modelo

Country City
Spain La Coruña

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

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

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

Hospital Maternidad HM Belén

Country City
Spain La Coruña

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

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

Related internship programs:

- Update in Assisted Reproduction
- Hospitals and Health Services Management



Medicine

Hospital HM Rosaleda

Country City
Spain La Coruña

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

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

Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Medicine

Hospital HM 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
- Nursing in the Traumatology Department



Medicine

Hospital HM Regla

Country	City
Spain	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	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 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: Spain City: Madrid

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

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

- Related internship programs:**
- Palliative Care
 - Clinical Ophthalmology



Medicine

Hospital HM Vallés

Country: Spain City: 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: Spain City: Madrid

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

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

- Related internship programs:**
- Anaesthesiology and Resuscitation
 - Pediatric Dentistry



Medicine

Policlínico HM Distrito Telefónica

Country: Spain City: 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: Spain City: Madrid

Address: C. de Jorge Juan, 19, 1º 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: Spain City: 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 Las Tablas

Country: Spain City: Madrid

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

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

- Related internship programs:**
- Nursing in the Traumatology Department
 - Diagnosis in Physiotherapy



Medicine

Policlínico HM Moraleja

Country: Spain City: 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



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





Policlínico HM Imi Toledo

Country: Spain City: 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

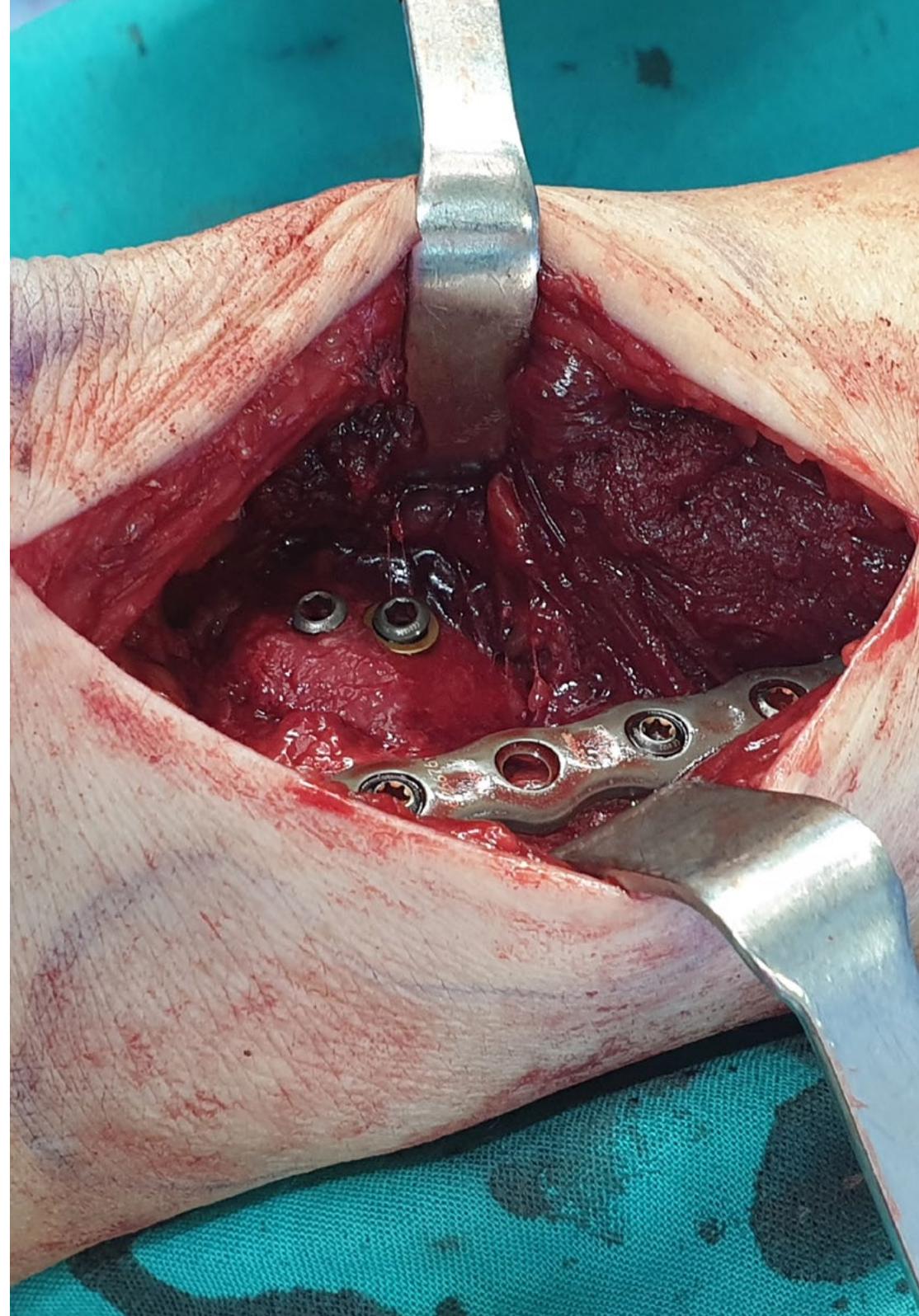
06 General Conditions

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 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 Foot and Ankle Surgery** contains the most complete and up-to-date program on the professional and academic field.

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

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

Title: **Internship Program in Foot and Ankle Surgery**

Duration: **3 weeks**

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

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



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