

Internship Program

Pain





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university

Internship Program
Pain

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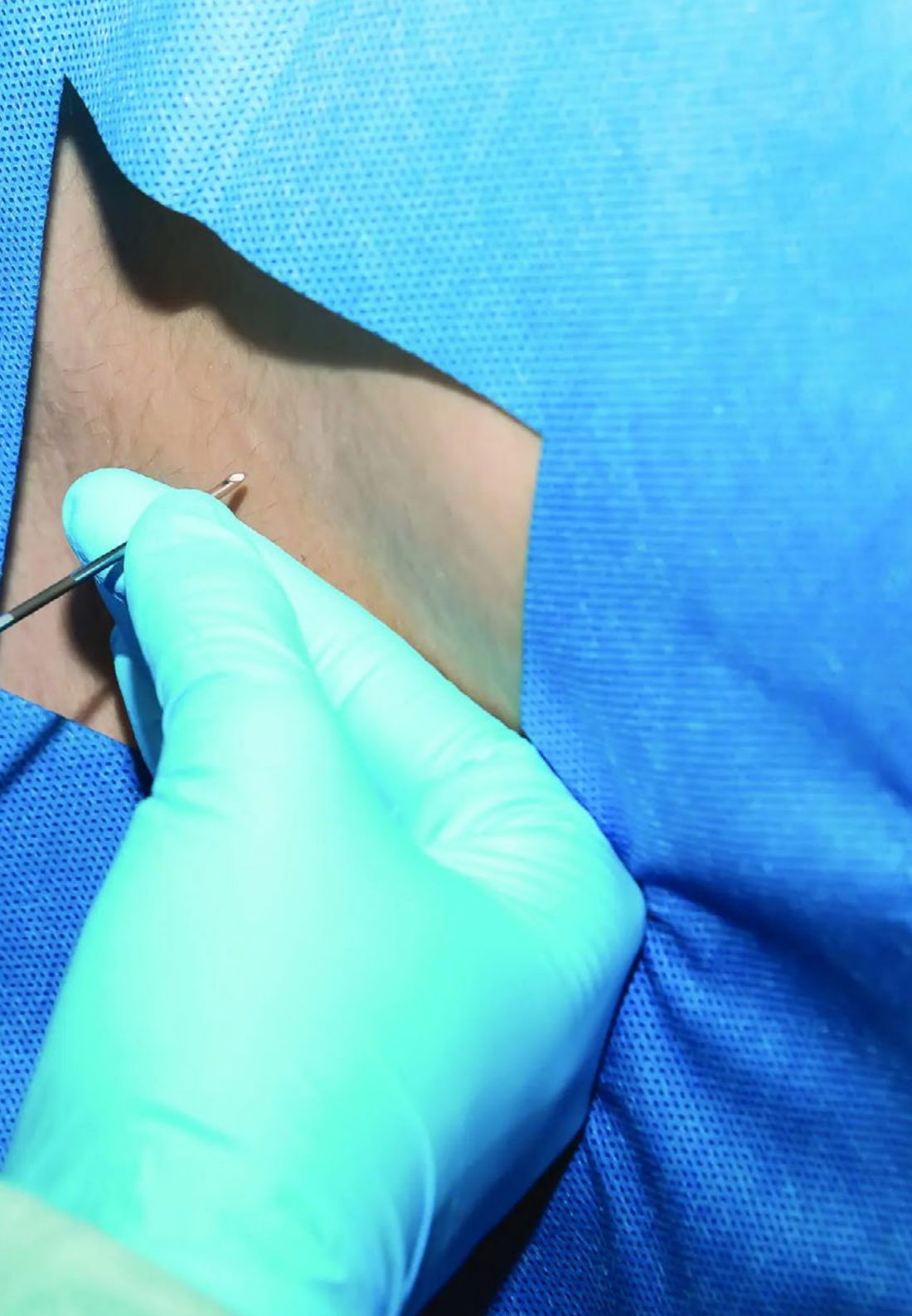
01 Introduction

The management and study of Pain involve virtually 100% of medical specialties; however, it is within the specialty of Anesthesiology and Resuscitation where Pain control assumes greater relevance. Moreover, in recent years, technological innovation has made it possible to refine diagnostic and therapeutic techniques for patients with conditions that cause Pain in complex and critical clinical states. In response to these advances, TECH has designed this eminently practical program, in which the professional will undertake a placement in a high-level hospital center, alongside specialists in the management of patients experiencing Pain in different situations. An opportunity to update knowledge and integrate the most current procedures into daily clinical practice.



Thanks to this Internship Program, you will update your knowledge in a top-tier hospital setting while becoming part of a team of experts"





Thanks to improvements in diagnostic devices, professionals are now able to address Pain more effectively in both preoperative and postoperative phases. This has, in turn, led to the enhancement of pharmacological therapeutic methods and other alternatives, depending on the condition. Given the continuous advances in Pain management, TECH has created this program to meet the needs of specialists who wish to remain up to date with the most current procedures used in addressing the various clinical scenarios they may encounter.

In this way, TECH has developed an Internship Program that will enable healthcare professionals to immerse themselves for 3 weeks in a prestigious clinical center. A real-world context in which they will work alongside leading professionals in this field, applying the most innovative methods for the assessment and treatment of patients with Pain.

A 100% practical and unique experience within the academic landscape, which moves entirely away from theoretical concepts to place the specialist, from the very beginning, in a top-tier healthcare setting. All of this is designed to address genuine needs for knowledge updating and to enable the integration of the most recent methods into daily clinical practice.

02

Why Study an Internship Program?

TECH has taken a step further in postgraduate education by offering professionals an eminently practical program that responds to their need to update knowledge in real-world environments. Therefore, the specialist who already possesses solid and well-defined knowledge of Pain is presented with an Internship Program that provides intensive updating in a prestigious hospital center. In this way, for 3 weeks, the professional will be integrated into a multidisciplinary team, where they will observe firsthand both diagnostic techniques and pharmacological approaches used in an environment of maximum scientific rigor, while also being highly innovative. A unique opportunity that not only transforms traditional pedagogical systems but also provides the specialist with an update of their knowledge in a setting that adapts to their needs.



TECH offers you the opportunity to experience something unique in a prestigious hospital center, guided by experts in the management of Pain”

1. Update your knowledge with the most advanced techniques available

Thanks to technological advances, significant progress has been made in the diagnosis of various pathologies and in the therapeutic treatments employed. In this way, techniques for the control and management of Pain have been refined. In this regard, this Internship Program brings the professional closer to the most innovative and effective procedures, accessing them through a real healthcare environment and under the guidance of leading experts in this field.

2. Deepen your knowledge with the experience of leading specialists

The professional who participates in this program will be accompanied throughout the entire practical period by a broad team of specialists, which represents a strong endorsement and a guarantee of knowledge updating. During this placement, they will be supervised by a designated expert, with whom they will be able to work with real patients in a cutting-edge environment. All of this will enable them to incorporate the most effective procedures and approaches into their daily practice.

3. Train in top-tier clinical environments

TECH has created this qualification with the primary objective of ensuring a comprehensive and advanced update for medical professionals. For this reason, a meticulous selection process has been carried out for all centers available for the Internship Programs. As a result, the specialist is guaranteed access to a prestigious clinical environment in the field of Pain. In this way, they will be able to observe the day-to-day operations of a field that requires precision and rigor, guided by the latest scientific evidence.



4. Apply what you learn to your daily practice from day one

This practical proposal moves away from the predominantly theoretical approach advocated by most educational programs. As such, being focused exclusively on practice, the professional will be able to integrate the procedures applied in the prestigious center where the Internship Program is carried out. An ideal environment to stay up to date in Pain management, under the guidance of leading specialists in this field.

5. Broaden the scope of your knowledge

TECH offers the possibility of completing this Internship Program in the best hospital centers alongside highly prestigious specialists. This represents a turning point for professionals who undertake this program, as they will obtain, in a healthcare environment of excellence, the practical updating required for their knowledge. This will enable them to integrate these methods and apply them in leading hospitals.



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

03 Objectives

The general objective of the Internship Program in Pain is to enable professionals to update diagnostic and therapeutic procedures in the specialty in an exclusively practical manner. To this end, participants will undertake a hospital placement designed with clinical and academic rigor. A real healthcare setting in which they will be supervised by renowned professionals in a center of the highest scientific quality and technological innovation.



General Objectives

- Remain up to date with the latest techniques, modern scientific principles, and the application of cutting-edge technologies in Pain management
- Incorporate into daily practice the methods and protocols used for pharmacological administration and other treatment alternatives for Pain
- Understand specific approaches and common clinical scenarios in gynecological, oncological, and other patients, as well as those experiencing acute postoperative Pain





Specific Objectives

- ◆ Develop the ability to obtain the necessary information to plan the diagnostic management of Pain through clinical history and physical examination of the patient
- ◆ Establish the foundations of therapeutic pain management
- ◆ Use the main groups of drugs employed in Pain management (antipyretics, anti-inflammatory drugs, and opioids), including their beneficial effects, side effects, indications, and contraindications
- ◆ Deepen updated theoretical knowledge of pharmacology related to analgesia, including new formulations and dosages New formulations and dosages
- ◆ Apply the main groups of local anesthetics used in Pain management in both surgical and non-surgical settings
- ◆ Acquire knowledge of muscle blocks and joint blocks for diagnostic and therapeutic purposes
- ◆ Perform invasive techniques for facet joint blocks, including indications and contraindications
- ◆ Integrate knowledge regarding the use of radiofrequency for Pain control at different anatomical levels, including dorsal root ganglia and sympathetic ganglia
- ◆ Use the most advanced analgesic methods, including those based on implantable spinal or ganglion devices and intrathecal infusion systems
- ◆ Differentiate between the management of acute postoperative pain in various clinical situations
- ◆ Acquire competencies to establish appropriate analgesic treatment in patients with chronic pain or dependency
- ◆ Deepen understanding of the most frequent obstetric pathologies associated with Pain and determine the most appropriate treatment
- ◆ Establish the foundations for appropriate pain assessment in the pediatric population
- ◆ Address acute postoperative pain management in pediatric patients across different procedures and clinical situations
- ◆ Update knowledge on chronic oncological and non-oncological pain management
- ◆ Present current diagnostic strategies for the evaluation of neuropathic Pain
- ◆ Offer a practical approach to the pharmacological, invasive, and non-invasive therapeutic management of musculoskeletal Pain
- ◆ Achieve the necessary competencies to diagnose and treat chronic pelvic Pain and clinical entities such as interstitial cystitis and rectal Pain
- ◆ Update knowledge regarding the diagnosis and treatment of chronic ischemic and peripheral vascular Pain
- ◆ Advance in the knowledge of invasive and non-invasive analgesic techniques for the treatment of headaches and migraines



An exceptional opportunity to learn with real patients, guided by a team of highly qualified specialists, in a modern hospital equipped with the most innovative technology”

04

Educational Plan

The program of this Internship Program includes the completion of a practical placement in a leading clinical center, with specialists in the field of Pain. During this period, the professional will attend in person for 3 weeks, from Monday to Friday, with 8 consecutive hours of instruction alongside specialists. This practical experience will allow them to work with real patients, where they will be able to apply the latest techniques and procedures in the management of Pain.

All of this will take place in an innovative healthcare environment, where the latest technology is applied for patient diagnosis and treatment. A healthcare setting in which the professional will integrate into a team of experts with extensive experience and up-to-date knowledge of recent scientific developments in pharmacology and the most effective interventional techniques for alleviating Pain in different types of pathologies.

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.

TECH thereby offers an excellent opportunity to learn while working in a cutting-edge environment that provides a rigorous and comprehensive perspective on the management of Pain in patients. A unique practical experience within the academic landscape, representing a turning point in the professional trajectory of the physician who undertakes it.

The practical teaching will be carried out with the accompaniment and guidance of the professors and other fellow trainees who will facilitate teamwork and multidisciplinary integration as transversal competencies for medical practice (learning to be and learning to relate).

The procedures described below will be the basis of the training, and their realization will be subject to the center's own availability, to its usual activity and and its workload, the proposed activities being the following:



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



Module	Practical Activity
Common Situations in a Pain Unit	Perform epidural injections, facet joint blocks, and nerve root blocks in patients with lumbosciatica and cervicgia
	Manage cases of generalized musculoskeletal pain or polyarticular pain
	Apply caudal epidurolysis and epiduroscopy in patients with poor response to pharmacological treatments following failed back surgery
	Manage neuropathic pain resulting from trauma, surgery, chronic daily headache, migraine, or diabetic neuralgia
	Administer opioids in patients with oncologic pain who do not respond to anesthetic or neurolytic blocks
Pain Management and Control	Conduct a comprehensive pain assessment including location, characteristics, duration, frequency, intensity, and triggering factors
	Provide support in psychological, psychosocial, and cognitive-behavioral aspects of pain in patient care
	Prepare the patient's medical history based on acute postoperative or chronic pain
	Review the patient's pathophysiology and evaluate outcomes
	Interpret complementary diagnostic tests for pain
Pain Pharmacology	Participate in analgesic administration processes
	Use antipyretic analgesics, NSAIDs, opioids, and local anesthetics as required
	Apply the most advanced drug administration techniques
	Apply the most advanced drug administration techniques
Pain in Special Patient Groups	Manage acute postoperative pain in elderly patients and patients with comorbidities
	Apply distraction techniques such as cutaneous stimulation or guided imagery to manage chronic pain in pediatric or elderly patients
	Prescribe pharmacological treatments for acute postoperative pain control
	Indicate patient-controlled analgesia (PCA) for pain management during pregnancy, childbirth, or breastfeeding
Interventional Pain Treatment	Participate in surgical teams, integrating into advanced surgical techniques
	Assist in the use of cooled radiofrequency
	Apply joint block and interlaminar epidural techniques
	Master the most effective and commonly used treatments for pain
	Apply neurosurgical techniques such as epidural electrode implantation

05 Where Can I Do the Internship Program?

TECH provides medical professionals with the best clinical and hospital centers in which to undertake the Internship Program. For their selection, this institution has followed rigorous criteria, allowing the specialist to obtain guarantees of receiving an update of their knowledge in the field of Pain, under the guidance of experts in this area.




The most advanced knowledge in the field of Pain management awaits you in this Internship Program”





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



Medicine

Clínica CEMTRO

Country	City
Spain	Madrid

Address: Avda. Ventisquero de la Condesa
42, 28035 Madrid

General Hospital founded by the renowned surgeon and
researcher Pedro Guillén

Related internship programs:
- Pain



Medicine

Centro GF

Country: Spain
City: Madrid

Address: Calle Nueva, 13, 28670 Villaviciosa de Odón, Madrid

The GF Center applies the most innovative therapies in the healthcare field

Related internship programs:
- Pain



Medicine

Fisiosport Murcia

Country: Spain
City: Murcia

Address: C/Reina Doña Violante 1, 2Q, 30007 Murcia

Physiotherapy clinic that provides treatments using osteopathy and advanced physiotherapy

Related internship programs:
- Pain





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Enroll now and advance in a practical way in your field of work”

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 aimed at achieving this objective is the provision of coverage in response to any incident that may occur throughout 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 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 supported at all times and will be able to consult any doubts that arise, whether practical or academic in nature.
- 2. DURATION:** The internship program will last for three consecutive weeks of practical training, distributed over 8-hour days, five 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 internship department at TECH 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 tutor will provide all necessary information to facilitate the corresponding procedures.

07 Certificate

This private qualification will allow you to obtain a **Internship Program in Pain** 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** private qualification 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 Pain**

Duration: **3 weeks**

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

Credits: **4 ECTS**



future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
online training
development languages
virtual classroom

tech global
university

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