

Internship Program

Primary Care Emergencies



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01 Introduction

The Emergency Unit is one of the most demanding in the entire clinical area, requiring highly qualified specialists who are up-to-date in all the latest diagnostic methodologies, approaches and treatments. For this reason, TECH has created this program, which offers the specialist the opportunity to join a highly prestigious clinical team. For 3 weeks they will have direct contact with patients in the usual day-to-day routine of a high-level clinical center. It is, therefore, a unique opportunity to learn about the latest news and developments in the area of Emergency Medicine in a practical way, accompanied by a team of experts in the field.



Enjoy an intensive 3-week stay in a reputable center and get up to date on the latest clinical procedures to achieve professional growth"





The recent pandemic situation has accentuated the importance of Primary Care in the healthcare system. Within this area, one of the most relevant areas are emergencies, which can be very common for physicians working in this field, so it is essential to keep up-to-date with all the advances that may occur in this field. Therefore, this program offers the professional the opportunity to get up-to-date in Primary Care Emergencies in a totally practical way, by means of an internship in a prestigious center.

The internship will be carried out intensively over 3 weeks, and will allow the physician to work in a real environment, with patients who require urgent care, and with the continuous accompaniment of specialists belonging to the clinic itself. In this way, this program is a great opportunity to master the most up-to-date skills in this field, in a practical and effective way.

In addition, you will have access to the latest clinical equipment in the Primary Care environment, whose use will be guaranteed based on the latest clinical criteria. All of this under the guidance of a tutor assigned by the academic center to ensure that all the requirements for which this program was designed are met. Therefore, they will be able to get up-to-date on the use of the most sophisticated and innovative medical strategies alongside a professional versed in the field and in a state-of-the-art environment for medical practice.

02

Why Study an Internship Program?

Given that in the area of Primary Care Emergencies all kinds of cases can be received, the most efficient update in many occasions is the internship itself. It is much more effective for the specialist to learn about new developments in the field in a real environment, being able to get involved with a work team that is widely qualified in the field. This has motivated the creation of the present program, an Internship Program where the specialist has the opportunity to integrate directly into the most demanding clinical reality, but at the same time rewarding and effective in its effort to be up-to-date.



Thanks to this program, you will be able to get up-to-date on the most relevant new developments in Primary Care Emergencies"

1. Updating from the latest technology available

It is undeniable that technology is one of the great allies of Medicine. In the field of Emergency Department it is even more important, because the specialist can easily encounter complex clinical pictures, which require the most advanced diagnosis and treatment. This program is the perfect opportunity to be up-to-date in the most rigorous clinical methodology currently in use.

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

Throughout the internship the specialist will be accompanied by a group of exceptional professionals in emergency care. Thanks to this, they will be able to learn from all their practical experience, incorporating into their own work methodology the advances, organization and efficient management of an Emergency Unit in Primary Care.

3. Entering First-Class Clinical Environments

Given that the clinical centers selected by TECH for this Internship Program meet the highest quality standards, the specialist is guaranteed a particularly advantageous face-to-face immersion. They will be able to be part of the demanding daily routine of a busy Emergency Unit, where they will be able to treat different cases and incidents received, always adapting to the requirements of the circumstances.



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

Thanks to the eminently practical and decisive approach of this program, the specialist will be able to incorporate the relevant competencies and advances acquired during the Internship Program into their own work methodology. In this way, the maximum possible efficiency is achieved, since all the procedures reviewed during the practical stay are of the utmost importance in the day-to-day work of the emergency specialist.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of doing this Internship Program, not only in national, but also in international centers. This way, the specialist will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH, the largest online university in the world, could offer.



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

03 Objectives

The main objective of this Internship Program in Primary Care Emergencies is to bring the professional closer to the latest advances in this health field. And to achieve this, it offers on-site clinical internships with which you can perform numerous activities addressing urgent pathologies in all types of patients, receiving guidance at all times from specialists in the health center.



General Objectives

- Become involved in the daily work of an advanced Emergency Department
- Know and approach in a practical way the most frequent pathologies and cases encountered in an Emergency Department
- Establish criteria and protocols according to the latest medical advances to ensure more effective care





Specific Objectives

- ♦ Adequate use of the comprehensive action plan with regard to The Heart Attack Code
- ♦ Apply the specific procedures in acute coronary syndrome and assess the possibility prehospital fibrinolysis
- ♦ Get up-to-date on the therapeutic model in atrial fibrillation according to the latest scientific evidence
- ♦ Identify the signs and symptoms of patients who come to the primary care center with pericarditis
- ♦ Resolve a hypertensive emergency situation using the updated procedure of care
- ♦ Incorporate advances in the appropriate management of patients with congestive heart failure and acute pulmonary edema
- ♦ Correct use of non-invasive mechanical ventilation through the Boussignac CPAP System
- ♦ Get up-to-date on treatment to resolve an acute decompensation in a dyspneic patient
- ♦ Use pharmacological treatment measures in pneumonia
- ♦ Use the different complementary tests to diagnose an ingested foreign body
- ♦ Define the diagnostic criteria for acute renal failure
- ♦ Use appropriate treatment for acute renal colic
- ♦ Resolving an acute urinary retention situation in the Primary Health Care setting
- ♦ Assess the criteria for referring a patient with a urinary tract infection
- ♦ Apply appropriate measures to reverse a diabetic ketoacidosis situation
- ♦ Use appropriate complementary tests to detect acute vision loss
- ♦ Treat otorhinolaryngological emergencies according to the specificity of each case, based on the latest scientific evidence
- ♦ Apply up-to-date basic and advanced CPR techniques for all ages
- ♦ Identify the different vital rhythms to apply the appropriate algorithm for advanced cardiopulmonary resuscitation, according to the latest scientific evidence on advanced cardiovascular support
- ♦ Correctly apply chemotherapy in patients with hematological conditions
- ♦ Use therapeutic measures for oncology patients with neutropenia
- ♦ Effectively apply initial measures to different types of acute intoxication
- ♦ Differentiate the pathophysiological characteristics of elderly patients
- ♦ Handle drugs frequently used in emergency medicine
- ♦ Act in each case in the most effective way according to the data obtained
- ♦ Identify the main risk groups and mechanisms of coronaviruses

04 Educational Plan

This program is made up of 25 specialized modules that will allow the professional to update their knowledge while developing a clinical internship of 3 weeks duration. This internship will be carried out from Monday to Friday, with a continuous learning of 8 hours per day. This will ensure that the skills are assimilated in a more fluid way, being able to participate in the activities of the clinical center without interruptions, as if it were a working day.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide emergency medical care in the primary care area, and which are oriented towards specific expertise for practicing the activity, in a safe environment for the patient and with highly professional performance.

The practical training will be carried out with the active participation of the student performing the activities and procedures of each area of knowledge (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 clinical practice (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the program, 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
Organization and Control of the Emergency Department	Collaborate with the services and means available in the health care of emergency patients
	Perform assessments of emergencies such as syncope, hypertensive crises or acute heart failure
	Take action on possible bradyarrhythmias or tachyarrhythmias
	Participate in the organization of patient transfers to other areas or centers
Cardiac, Pneumological and Neurological Emergencies	Assess the application of noninvasive mechanical ventilation BIPAP
	Assess emergencies such as pneumonia and pulmonary thromboembolism
	Manage the use of ultrasound in those cases that require it
	Analyze the use of invasive techniques in the emergency department
Surgical Emergencies and Pharmacology	Interpret electrocardiograms to detect possible pathologies
	Apply the appropriate procedures for patient pain management
	Support the specialist in the application of sedoanalgesia
	Prescribe, under the supervision of the specialist, the most appropriate pharmacology in each case in each case
Traumatology, Neurosurgery and Neurological Emergencies	Refer to surgery those patients who require critical interventions
	Manage the current surgical services in the Emergency Department
	Assess the arrival of patients with stroke, seizures, headaches or coma
Geriatric and Pediatric Emergencies	Manage patients with trauma, cerebral hemorrhages or burns
	Dictate the use of bandages, casts, sutures and dressings to be performed
	Assess the emergencies of the elderly
Geriatric and Pediatric Emergencies	Treat common pediatric emergencies such as headaches, febrile episodes or abdominal pains or abdominal pain
	Address the communicative psychology with family members of pediatric and elderly patients

05 Where Can I Do the Internship Program?

The professional will be able to carry out the on-site internship in a clinical center of renowned international prestige. There, they will develop a series of practical activities focused on the management of emergency pathologies in primary care, while having access to real patients, state-of-the-art diagnostic and treatment technology, and enjoying the guidance of leading specialists from the clinic itself.




Do your internship in a prestigious center and incorporate into your daily work the most recent advances in the approach to serious pathologies in the area of primary care”





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



Medicine

Hospital Recoletas Campo Grande

Country	City
Spain	Valladolid

Address: Pl. de Colón, s/n, 47007 Valladolid

Clinical center specialized in multidisciplinary healthcare

Related internship programs:

- Intensive Care Nursing
- Gynecologic Oncology



Take advantage 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 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 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 **Internship Program in Primary Care Emergencies** contains the most complete and up-to-date program on the professional and academic scene.

After the student has passed the evaluations, they will receive their corresponding TECH Internship Program diploma 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 Primary Care Emergencies**

Duration: **3 weeks**

Course Modality: **Monday to Friday, 8-hour consecutive shifts**

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



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