

# Internship Program

## Primary Care Pediatrics



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Internship Program  
Primary Care Pediatrics

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# 01 Introduction

For several years now, pediatrics has been working on the search for care protocols and tools to offer children and adolescent patients better medical quality in primary care services. Thus, remote monitoring equipment and therapies such as inhalation have emerged with more efficient results. At the same time, specialists do not always manage to keep up to date with all these advances and do not always have the skills to handle them correctly. For this reason, TECH provides a program, unique in its kind, where the doctor will perform a hospital stay of the utmost rigor in a face-to-face and intensive manner. In this entity, the specialist will manage the most innovative resources and will update his or her professional practice to the point of excellence.

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*Get up to date on the latest techniques and devices in the field of Pediatrics in Primary Care to diagnose, treat and follow up children patients with different pathologies”*





In a very short time, Pediatrics in Primary Care has been renewed with the introduction of technological resources and more comprehensive therapeutic protocols. Thus, this medical branch currently has innovative procedures such as inhalation therapies for the treatment of chronic respiratory diseases such as asthma and bronchitis in children without the side effects of aggressive drugs. In turn, sophisticated prophylactic vaccines, intravenous immunoglobulin therapies for patients with chronic encephalitis and many other advances have been developed. However, keeping up to date on these aspects is complicated for specialists in a context where theoretical programs abound and there are not enough programs that facilitate the acquisition of practical skills to implement these potentials.

In this context, TECH has designed an academic modality, unique in its kind, through which the specialist will acquire the best competencies in the sector. This Internship Program integrates 3 weeks of face-to-face, immersive and intensive learning in a prestigious hospital facility. Based on different agreements and collaborations, the physician will be able to choose, among different health institutions, the one that best suits his or her interests in terms of training and geographical location.

On the other hand, in the relevant entities, the health professional will have in his hand the latest technological devices and assistance resources that make possible the care of children and adolescent patients in Primary Care. In addition, the specialist will work directly with leading experts in the approach and evaluation of real cases. He/she will also have the support of an assistant tutor. This academic figure will help you to overcome different tasks and will easily insert you in the most updated work dynamics of this medical discipline. By acquiring the latest knowledge in this field, the physician will be ready to elevate his or her career to the forefront of pediatrics.

# 02

## Why Study an Internship Program?

The field of Pediatrics in Primary Care is continuously renewed, in search of more comprehensive diagnostic procedures and therapeutic protocols for respiratory and cardiac pathologies, among others. However, keeping up to date with all these innovations is a challenge for specialists. With this TECH Internship Program, the physician has the opportunity to get up to date in a 100% face-to-face manner, through an intensive stay in a first level hospital center. At the same time, it will be advised by a prestigious team of experts.



*TECH will put in your hands the most recent knowledge about the indication of prophylactic vaccines against Pneumonia and other respiratory pathologies in children”*

### 1. Updating from the latest technology available

In just a few years, modern medicine has implemented various technological resources for the diagnosis, treatment and follow-up of pediatric pathologies. Contradictorily, not all primary care physicians who see children have a keen grasp of the devices available to them. For this reason, this Internship Program allows the specialist to learn how to handle the cases directly, from the care of real cases, in a state-of-the-art hospital center.

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

Throughout this period of practical training, the physician will be in direct contact with experts with extensive professional experience. In this way, they will assimilate first-hand the most updated experiences in the field of Pediatrics in Primary Care. You will also be able to rely on the personalized advice and guidance of an assistant tutor.

### 3. Entering First-Class Clinical Environments

After a detailed selection, TECH has scheduled the development of this practical and face-to-face stay to take place in a prestigious hospital. These entities have the most up-to-date technological resources for Primary Care Pediatrics. In addition, these centers have a staff of renowned experts who are prepared to apply the latest procedures and implement state-of-the-art care resources.



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

Theoretical training in primary care pediatrics is not enough to be able to apply the most innovative procedures in this area of care. For this reason, TECH breaks into the pedagogical context with this 100% practical and face-to-face program where participants will be able, from the very first moment, to provide innovative care protocols to real patients.

#### **5. Expanding the Boundaries of Knowledge**

For the realization of this Internship Program, TECH has partnered with hospital entities from different latitudes. In this way, the medical professional will be able to choose the institution that best suits his or her academic interests and geographical location. This is, without a doubt, a unique study opportunity only within reach of the best online university in the world.



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

# 03 Objectives

This program is ideally suited to bring the physician up to date on how to perform the major genetic tests that, in early childhood, can identify serious chronic pathologies such as congenital heart conditions. In turn, they will apply state-of-the-art therapeutic protocols on real patients in a clinical environment equipped with the latest healthcare resources.



## General Objectives

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- ♦ Update the physician in advanced life support and diagnostic and therapeutic techniques for pediatric
- ♦ Expand knowledge in the provision of emergency care to improve the child's prognosis and family care
- ♦ Review the main pathologies in children and adolescents and the advances made in them







## Specific Objectives

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- Review the characteristics of the normal newborn and the care they should receive in the first hours of life
- Explain the most frequent health problems that can occur in the normal newborn and the different care protocols
- Differentiate the most frequent respiratory pathologies in the newborn in order to establish a proper diagnosis and implement a correct treatment in order to establish a proper diagnosis and implement a correct treatment
- Manage optimal psychomotor and language development at each stage of a child's development
- Explain the basic principles of proper breastfeeding according to the needs of the child
- Describe the basic characteristics of Pneumonia, Bronchiolitis, Laryngitis and Laryngotracheitis, Otitis, among other Bronchopneumopathies; as well as the explorations and complementary tests necessary to confirm the diagnosis
- To examine the main cardiological alterations that can occur in childhood, as well as their etiology
- To define "normal" cardiac parameters in the child in order to detect irregularities that require correction
- Apply the appropriate treatment in pediatric cardiac pathology according to the child's age and general condition
- Identify the basic characteristics of the most frequent gastrointestinal disorders in pediatrics
- Establish a differential diagnosis with the different related pathological entities and the most appropriate therapeutic regimen
- Diagnose feeding-related disorders and perform comprehensive follow-up of the child
- Recognize cryptorchidism and implement actions for its resolution
- To evaluate possible alterations of the urinary tract, as well as malformations of the renal system
- Execute action procedures in case of urinary tract infection according to the child's age and individual characteristics
- Evaluate possible alterations of the locomotor system in the child and implement the appropriate corrective treatment in case of established pathology
- To investigate the main rheumatological disorders that can occur in childhood
- Describe the main characteristics of ADHD and the treatment options
- Identify emotional situations that may interfere with the child's normal development
- Determine the cause of headaches in a child and establish an adequate treatment plan
- Explain how to act in case of epileptic seizures and identify the types of seizures
- Recognize the basic principles of sleep and the characteristics at each stage of infancy, among other problems
- Master the action to be taken in case of infectious or parasitic dermatoses and describe the main food allergies and how to establish a proper diagnosis
- Detect ophthalmologic conditions of infectious origin and establish appropriate treatment
- Establish a proper diagnosis in case of strabismus and apply necessary corrective measures
- Apply correct pediatric and neonatal CPR
- Describe the basic fundamentals of analgesia and sedation in pediatrics
- Identify the differences in the performance of urgent entities in the pediatric age with respect to adults

# 04

## Educational Plan

This Internship Program in Primary Care Pediatrics provides an intensive stay in prestigious hospitals. The physician will attend them Monday through Friday, in 8-hour shifts, for 3 weeks. You will also have access to sanitary facilities located in different geographical locations, choosing in a personalized way the one that best suits your position. All this is possible thanks to TECH's network of contacts, agreements and collaborations.

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.

Also during the educational process, the specialist will have the specialized guidance of an assistant tutor. This academic figure will insert complex professional dynamics into practical activity, thus facilitating the development of the necessary skills to apply innovative procedures. These competencies will be expanded through direct contact with several real cases of pediatric patients.

The practical teaching 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 fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for medical practice (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
<b>Latest trends for diagnosis and follow-up of pediatric patients through Primary Care</b>	Diagnosing rare diseases through targeted genetic testing to help primary care physicians choose more personalized treatments
	Detect infectious diseases such as influenza through PCR testing and other rapid tests
	Implement portable devices such as blood pressure or blood glucose monitors to help primary care physicians monitor the patient's health at home
	Collect and share patient health information through mobile apps and other online programs, facilitating clinical decision making
<b>New clinical protocols in the treatment of neurological diseases by Pediatrics in Primary Care</b>	Assess the conditions of the child with Epilepsy and determine if they have criteria for surgical intervention or the indication of more effective and less toxic medications
	Treating Pediatric Neuropathic Pain with combinations of medications, psychological interventions and physical therapies
	Apply antiviral and therapeutic therapies based on intravenous immunoglobulin for pediatric patients with chronic encephalitis
	To develop early intervention and behavioral therapy indications for children and adolescents with and adolescents with clear indications of facing any of the conditions included in the Autism Spectrum Disorders
<b>New trends in the management of chronic respiratory pathologies from Pediatrics in Primary Care</b>	Use inhalation therapy for the treatment of chronic respiratory therapies in children such as asthma, bronchitis, among others, and thus prevent the side effects of other pharmacological treatments
	Follow up, through Telemedicine, children's patients with chronic respiratory conditions
	Examine pediatric patients and their families for psychosocial and educational factors and promote healthy lifestyles to better cope with chronic respiratory pathologies
	Indicate vaccination against chronic respiratory diseases in children, such as Pneumonia and Influenza, in order to prevent complications and hospitalization
<b>Latest strategies for the care of pediatric patients with chronic cardiac pathologies from the primary care setting</b>	Promote a more comprehensive approach to pediatric patients, with medical treatment and analysis of psychosocial and educational factors that influence their quality of life
	Implement techniques such as minimally invasive surgery for the treatment of chronic cardiac pathologies in children and adolescents
	Using stem cell therapies to reduce the impact of congenital diseases
	More efficient follow-up of patient health variables, promoting personalized health care through remote monitoring tools

# 05 Where Can I Do the Internship Program?

The clinical practice centers chosen by TECH for this program have the most innovative clinical and care resources in Primary Care Pediatrics. These first-class hospital facilities also have prestigious professional teams that will help the physician, at all times, to keep up to date with the main innovations in this field. At the same time, the specialist will have the opportunity to choose the institution that best suits his or her geographical location, since entities based in different latitudes have been selected.



*From this program, you'll get up to speed on considerations for monitoring the well child patient"*





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



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

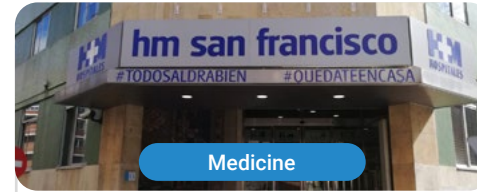
Country	City
Spain	La Coruña

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 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 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 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	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

### Policlínico HM Cruz Verde

Country	City
Spain	Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

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

**Related internship programs:**

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry



Medicine

### Policlínico HM Moraleja

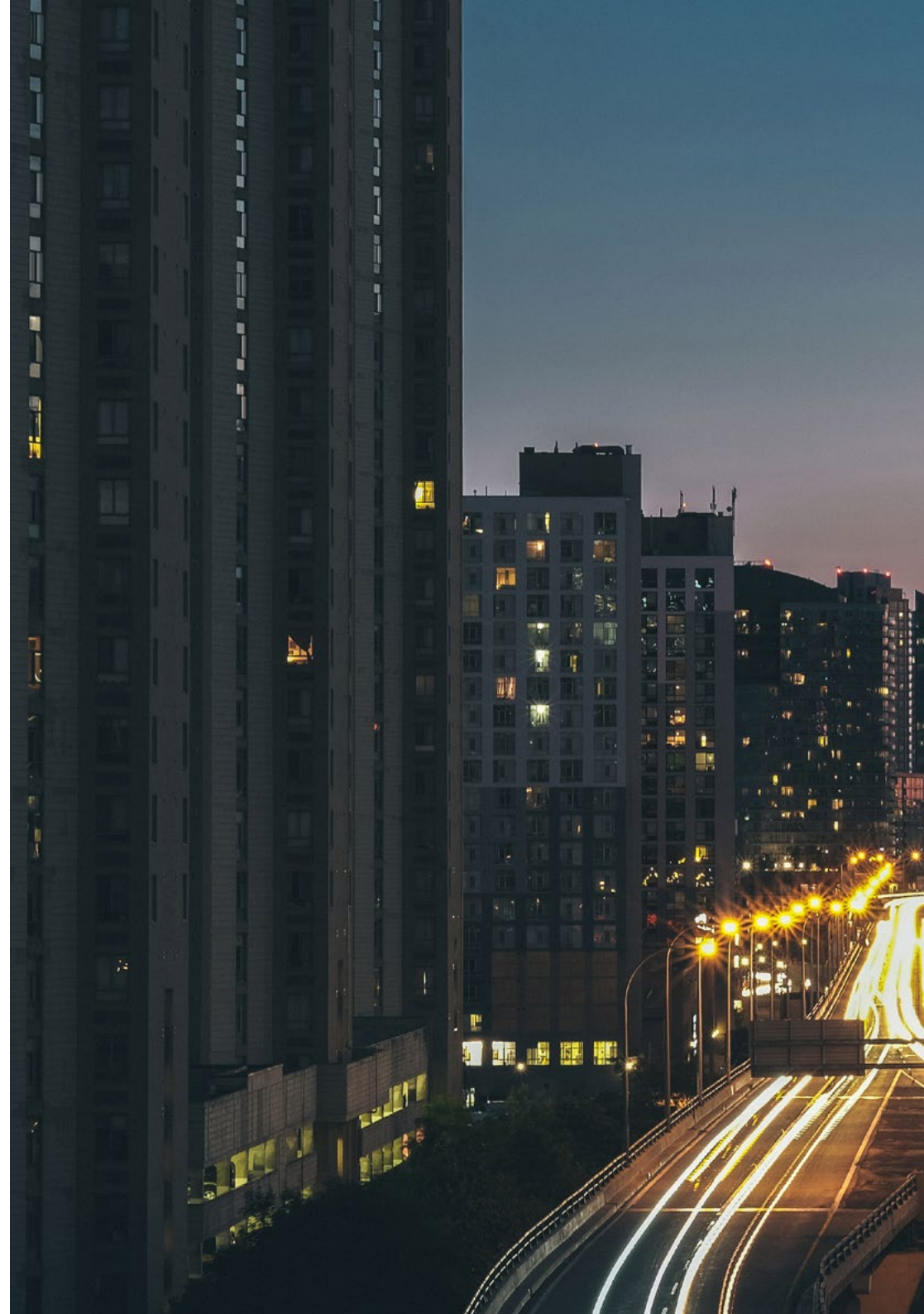
Country	City
Spain	Madrid

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 Sanchinarro**

Country	City
Spain	Madrid

Address: Av. de Manoteras, 10,  
28050, Madrid

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

**Related internship programs:**  
Update in Primary Care Pediatrics



### **Policlínico HM Imi Toledo**

Country	City
Spain	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



### **Medicentro Boadilla**

Country	City
Spain	Madrid

Address: Av. Infante Don Luis, 8, 28660  
Boadilla del Monte, Madrid

Polyclinic with more than a decade of experience in the management of a multitude of pathologies.

**Related internship programs:**  
- Aesthetic Medicine  
Clinical Dermatology

# 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 educational entity undertakes to take out civil liability insurance to cover any eventuality that may arise during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. In this way, the professional will not have to worry in case they have to face an unexpected situation and will be covered until the end of the practical 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 **Internship Program's in Primary Care Pediatrics** contains the most complete and up-to-date program in the professional and academic landscape.

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

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

Title: **Internship Program in Primary Care Pediatrics**

Duration: **3 weeks**

Attendance: **Monday to Friday, shifts of 8 consecutive hours**

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



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Internship Program  
Primary Care Pediatrics

# Internship Program

## Primary Care Pediatrics



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