

Internship Program

Autoimmune Diseases





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Internship Program
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01 Introduction

The diagnosis and treatment of Autoimmune Diseases has evolved in recent years thanks to the emergence of novel detection mechanisms or the use of updated and effective drugs. Through them, these pathologies can be addressed in an optimized way to ensure the well-being of patients, so that physicians are obliged to apply these advances appropriately to offer them a quality service. For this reason, TECH has created this 100% practical program, which will allow the professional to spend 3 weeks in a prestigious hospital center, surrounded by the best experts in this field, to incorporate the most innovative therapeutic procedures for SAD into their daily work practice.



You will master, through this Internship Program, the most updated therapeutic procedures to treat Lupus Nephritis or Systemic Sclerosis"





Systemic Lupus Erythematosus, Multiple Sclerosis or Sjögren's Syndrome are just a few examples of the Autoimmune Diseases that affect millions of people on a daily basis. These pathologies condition the quality of life of the people who suffer from them, leading to a decrease in their physical capacities and making it impossible to carry out many daily activities. As a result, in recent years, science has focused its efforts on designing novel diagnostic and therapeutic procedures aimed at treating these diseases and controlling their effects. For this reason, physicians specialized in this field must apply all these advances to perfection in order to be at the forefront of this sector and offer an excellent service to their patients.

Faced with this situation, TECH has decided to create this innovative program, which will provide the professional with a 3-week practical stay in a prestigious hospital center to learn about all these innovations and adopt them in their work methodology. During these 120 hours of learning, you will be integrated into a multidisciplinary team made up of the best specialists in Autoimmune Diseases. Along with them, you will master the most cutting-edge diagnostic methods for Relapsing Polychondritis and adopt the most efficient techniques for the treatment of pulmonary hypertension in patients with Systemic Sclerosis, among other things.

Throughout this internship, you will be accompanied by a tutor designated for you, who will be responsible for ensuring that your learning meets your professional expectations. Therefore, this program is an excellent ally to incorporate into daily practice the latest advances and innovations in the care of patients with Autoimmune Diseases, learning through real experience and surrounded by great specialists in this field.

02

Why Study an Internship Program?

In the field of medicine, it is essential to know how to apply all the scientific advances found in recent years to the daily work methodology in order to offer a quality service to patients and guarantee their well-being. Because of this, TECH has created this program, which will allow the physician to put into practice all the diagnostic and therapeutic innovations for Autoimmune Diseases in a highly prestigious hospital. For 3 weeks, you will join an excellent team, where you will adopt the most up-to-date clinical procedures with real patients to enhance your professional skills.



TECH offers its students the opportunity to immerse themselves for 120 hours in a state-of-the-art hospital environment, gaining access to real patients and expanding their professional skills in a short period of time"

1. Updating from the latest technology available

In the field of Autoimmune Diseases, new drugs, diagnostic methods or therapeutic procedures have been developed to control pathologies and improve patients' lives. In view of this circumstance, and with the intention of providing the physician with practical knowledge of all these advances in a short period of time, TECH has created this program.

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

This Internship Program is characterized by the professional immersion in a work team formed by the best experts in Autoimmune Diseases. In this way, the student will acquire the most efficient new diagnostic and therapeutic techniques, commonly used by experts with a great background in this area of medicine.

3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the area of Autoimmune Diseases. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive sector, always applying the latest theses and scientific postulates in its work methodology.



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

In today's educational market, the vast majority of programs have didactic content that lacks real applicability in the work environment. For this reason, TECH has created this pioneering 100% practical learning model, which will allow doctors to apply everything they have acquired from the very beginning to ensure the usefulness of this knowledge in their daily practice.

5. Expanding the Boundaries of Knowledge

TECH ofrece las posibilidades de realizar esta Capacitación Práctica en centros de envergadura internacional. In this way, the specialist will be able to expand his frontiers and keep up to date with the best professionals, who practice in first class hospitals and in different continents. A unique opportunity that only TECH could offer.

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

03 Objectives

The objective of this program is to update the physician on diagnostic and therapeutic procedures in Autoimmune Diseases in an exclusively practical way, through a hospital stay designed with clinical and academic rigor, under the guidance of renowned professionals in a hospital center of the highest scientific quality and technological innovation.

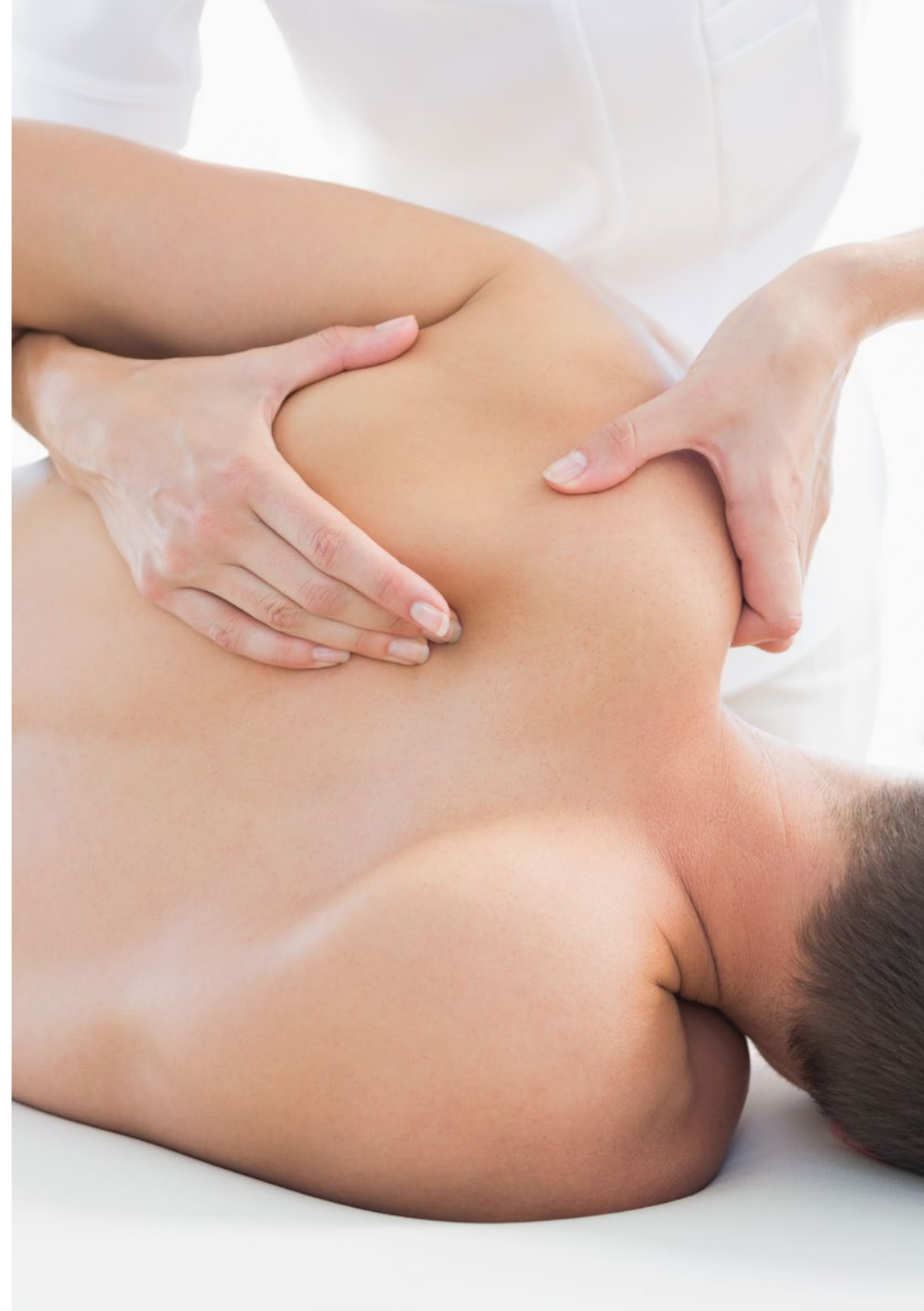


General Objectives

- Broaden professional skills in epidemiological, pathogenic, clinical and therapeutic aspects of the main Autoimmune Diseases
- Provide up-to-date, evidence-based and effective medical care to the patient with AAS
- Recognize, interpret and diagnose immune system disorders in the laboratory setting



This program provides you with an excellent opportunity to place yourself at the forefront of Medicine in Autoimmune Diseases"





Specific Objectives

- ♦ Determine the complementary examinations applicable in the main autoinflammatory diseases
- ♦ Master all epidemiological, pathogenic, clinical and therapeutic aspects of systemic lupus erythematosus
- ♦ Perform the complementary examinations applicable in systemic lupus erythematosus
- ♦ Manage the epidemiological, pathogenic, clinical and therapeutic aspects of antiphospholipid syndrome
- ♦ Guideline for complementary examinations applicable in antiphospholipid syndrome
- ♦ Assimilate state-of-the-art therapeutic procedures for the treatment of systemic sclerosis
- ♦ Undertake the complementary examinations applicable in systemic sclerosis
- ♦ Increase knowledge of the epidemiological, pathogenic, clinical and therapeutic aspects of idiopathic inflammatory myopathies
- ♦ Guideline for complementary examinations applicable in idiopathic inflammatory myopathies
- ♦ Analyze the latest scientific evidence in the field of systemic vasculitis treatment
- ♦ Perform complementary examinations applicable to systemic vasculitis
- ♦ Deepen the epidemiological, pathogenic, clinical and therapeutic aspects of primary Sjögren's syndrome
- ♦ Elaborate the complementary examinations applicable in primary Sjögren's syndrome
- ♦ Acquire the latest diagnostic and therapeutic procedures for other systemic immune-mediated diseases
- ♦ Learn how to perform or schedule complementary examinations applicable to these immune-mediated diseases
- ♦ Establish the possibilities for multidisciplinary collaboration in the field of EAS
- ♦ Manage the updated therapeutic options applicable to the control of AAS
- ♦ Identify the indications and contraindications of each of the drugs used the EAS
- ♦ Know the limitations of each one of them, as well as their correct treatment schedule



Incorporate the latest advances in Autoimmune Diseases in your daily practice to favor your professional growth in a relevant sector within the world of Medicine"

04

Educational Plan

This program consists of a practical phase in a highly prestigious hospital, lasting 3 weeks, from Monday to Friday, with 8 consecutive hours of work under the supervision of an associate specialist. This stay will allow the student to deal with real patients alongside a team of experts of reference in the area of Autoimmune Diseases, applying the most innovative diagnostic procedures and planning the latest generation of therapy for each pathology.

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.

It is therefore an excellent opportunity to learn by working in the innovative hospital of the future, where the use of up-to-date diagnostic methods and the application of innovative drugs are essential to ensure the patient's well-being. This is a new way of broadening healthcare knowledge, and makes the hospital the ideal teaching scenario for acquiring these professional skills.

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 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:

Module	Practical Activity
Clinical Immunology and Autoinflammatory Diseases	Perform an efficient diagnosis to detect the extent of different types of Autoinflammatory Diseases
	Treating an Autoinflammatory Disease through the application of an immunomodulatory therapy
Systemic Lupus Erythematosus and Antiphospholipid Syndrome	Diagnose Lupus Nephritis and establish an adequate treatment for the patient suffering from it
	Carry out a treatment of Lupus for pregnant women, taking into account its main particularities
	Elaborate the follow-up of patients with systemic sclerosis to analyze their evolution and apply the required modifications in their treatment
Sclerosis and Idiopathic Inflammatory Myopathies	Using the treatment of pulmonary hypertension in the patient with Systemic Sclerosis
	Elaborate a detailed and individualized follow-up of the patient with Systemic Sclerosis in order to detect its adequate evolution
	Diagnosis and treatment of inclusion body myositis
Other Systemic Immune-Mediated Diseases	Diagnose Relapsing Polychondritis, detecting its extent in different types of patients
	Prescribe an adequate treatment for extrapulmonary sarcoidosis
	Treat adult Still's disease through the application of state-of-the-art therapeutic procedures
Assessment of the patient with AAS and pharmacology	Apply anti-inflammatory, immunosuppressive and antithrombotic treatment in the pregnant patient with AAS
	Perform diagnosis and treatment of Pulmonary Arterial Hypertension in SAEs
	Use the most updated Glucocorticoids for the treatment of different Autoimmune Diseases

05

Where Can I Do the Internship Program?

In order to offer high quality and decisive learning, TECH provides its students with the best hospitals for their practical training. Thus, you will develop your skills alongside the best experts in the field of Autoimmune Diseases, significantly enhancing your professional competencies.



Join a hospital of national prestige to learn first-hand the ins and outs of the medical field of Autoimmune Diseases"





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



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 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

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:

- Gynecological Care for Midwives
- Nursing in the Digestive Tract Department

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. 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 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 Autoimmune Diseases** 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 Autoimmune Diseases**

Duration: **3 weeks**

Attendance: **Monday to Friday, shifts of 8-hour hours**

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





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A photograph of a person's arm and hand clutching their knee, suggesting joint pain or discomfort. The person is wearing a white t-shirt and light-colored pants. The image is partially obscured by a large blue diagonal shape on the left and a pink diagonal shape on the right.

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