

Internship Program

Update on Otorhinolaryngology



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01 Introduction

Recent advances in the field of Robotics, as well as the improvement of approaches to severe deafness through cochlear implants, among other innovations, have transformed the discipline of Otolaryngology in recent years. These innovations have made it possible to carry out highly precise diagnoses and interventions, proposing new techniques in procedures such as stapedectomy. The professional, therefore, must be up-to-date with these advanced methods to perform their daily work according to the latest scientific postulates, which is why TECH has designed this fully practical program, with which you can make an intensive internship in a clinical center of recognized prestige in this clinical area.



This completely practical qualification will allow you to learn about the latest advances in Otorhinolaryngology in a demanding professional environment where you will come into contact with real patients”





Today, Otolaryngology enjoys great social prestige, addressing some of the most sensitive and feared conditions and pathologies. Therefore, there is a great awareness of swallowing disorders such as dysphagia or deafness, which affects, in its different degrees, more than 5% of the world's population. It is therefore essential to offer these patients the most up-to-date procedures, which is why the specialist needs constant updating in this area.

In response to this situation, TECH has designed this academic program, completely practical in nature, in which the student will be able to carry out an internship in a renowned clinical center. This stay will last 3 weeks, and will be developed in an intensive schedule from Monday to Friday, with 8-hour shifts. This will guarantee a continuous learning experience in a real scenario, providing an immediate update in a demanding work environment.

For that reason, this Internship Program is perfect for the physician who wishes to learn about the latest advances in the discipline, since it does not impose a theoretical syllabus, but allows them to work in the clinical center with real patients and with the accompaniment of professionals of great prestige in this health care field.

02

Why Study an Internship Program?

Academic options focused on updating the Otorhinolaryngology specialist often offer theoretical and rigid learning. These alternatives do not take into account the current needs of the professional, who demands an update through practical programs that allow them to participate in the different clinical procedures of a real health center. For this reason, TECH has designed this program, which will allow the student to carry out an intensive 3-week internship in a renowned hospital. Therefore, throughout this period, students will be able to delve into the latest advances in the treatment of ENT infections in pediatric patients or in the updated management of peripheral facial paralysis in the acute phase, among many other conditions.



TECH has designed this exclusive program to bring you up-to-date on the latest procedures in CENS surgery for acute and chronic rhinosinusitis”

1. Updating from the latest technology available

The integration of disciplines such as Robotics in the area of Otorhinolaryngology has made it possible to carry out surgical interventions and highly precise diagnoses. Therefore, it is essential to access cutting-edge technological environments in order to obtain a complete update in this area, and that is precisely what TECH offers: the opportunity to make an intensive internship in a center that has the most advanced equipment, instruments and techniques.

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

In addition to having a specific tutor who will guide you throughout the internship period, the student will be accompanied by a large team of professionals of great prestige in Otolaryngology. In this way, they will be able to take advantage of the great experience of these specialists, who will guide them in the performance of different interventions and clinical procedures.

3. Entering First-Class Clinical Environments

Thanks to the meticulous selection process that TECH carries out, all the centers available for its Internship Program are renowned clinics. Therefore, the specialist will have access to a prestigious and demanding healthcare environment, where they will work treating real patients and applying the latest scientific postulates in all the processes they carry out.



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

Far from the academic options that offer long study programs completely theoretical and poorly adapted to the current reality of Otorhinolaryngology, this Internship Program provides the physician with a participative and completely real experience. In this way, throughout the 3 weeks of the internship, they will be able to carry out numerous techniques, ensuring, therefore, an effective and dynamic learning process.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of doing this Internship Program, not only in national, but also in international centers. Therefore, the professional will be able to expand their frontiers and keep up-to-date with the best specialists in Otorhinolaryngology, who work in first-class hospitals 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

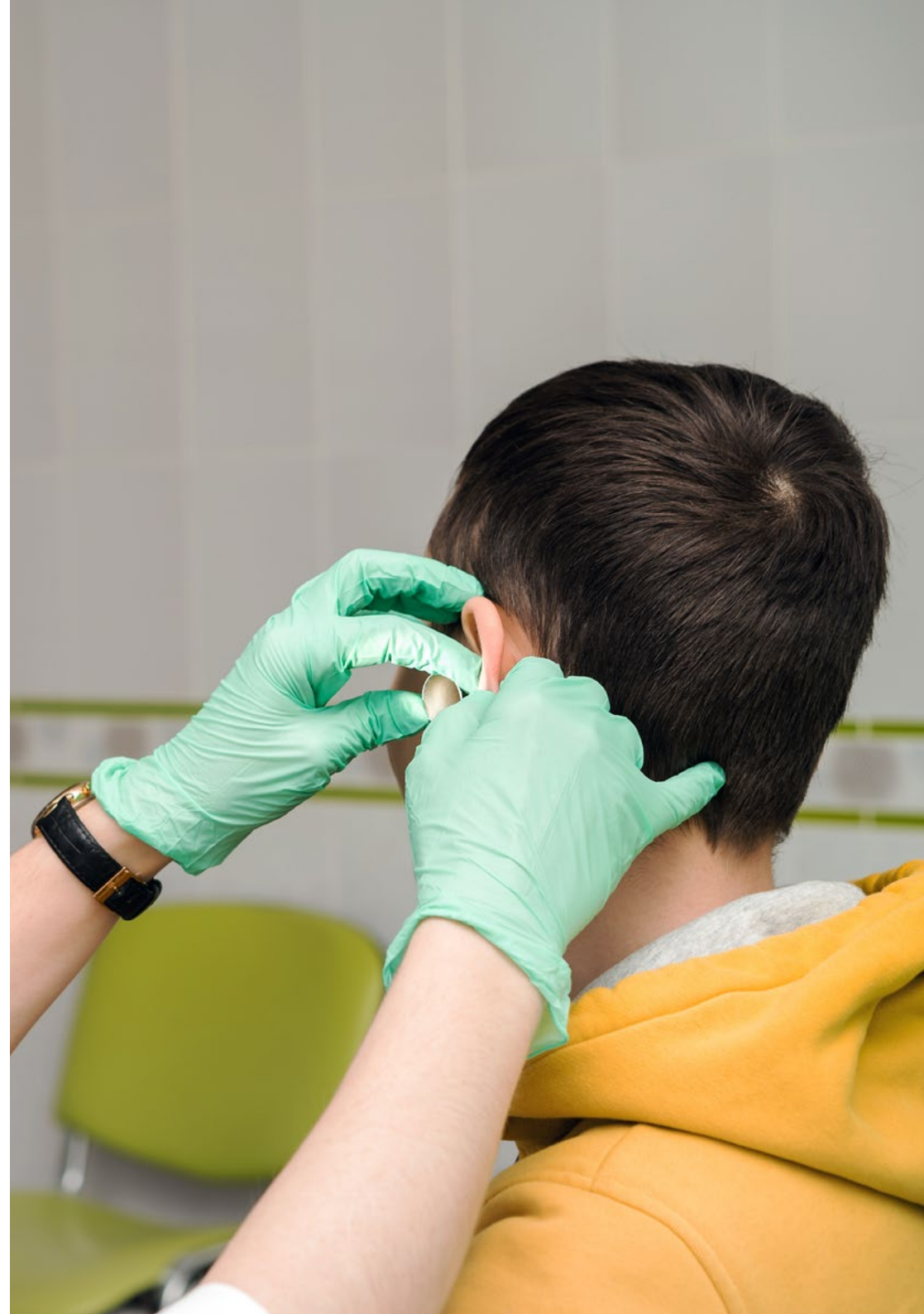
Objectives

The main objective of this Internship Program is to bring the specialist closer to the latest developments in Otorhinolaryngology. And to achieve this goal, TECH has designed a practical program with which the physician will be able to learn about the latest advances in CENS surgery or in the approach to conditions such as dysphagia. Therefore, in just 3 weeks, they will have obtained a complete update in this complex clinical area.



General Objectives

- Gain an in-depth knowledge of the essential general aspects necessary for the updated practice of Otolaryngology, both in the field of clinical management and general clinical management
- Master the most innovative approaches to dysphagia and its complications
- Integrate into daily practice the most advanced clinical examination methods in the approach to swallowing disorders





Specific Objectives

- ♦ Manage antibiotherapy applied to Otorhinolaryngology
- ♦ Have an in-depth understanding of the anatomical and functional characteristics of the oral cavity and pharynx, as well as the cervical esophagus applied to swallowing and the Pathophysiology of impaired swallowing
- ♦ Know the epidemiology and risk groups, along with the etiology of dysphagia.
- ♦ Delve into the otological concepts and the Physiopathology of hearing loss in middle ear pathology
- ♦ Classify phonation disorders and perform voice exploration from different assessment perspectives: subjective and perceptual, aerodynamic, endoscopic, and stroboscopic, among others
- ♦ Integrate the various exploratory forms and integrate the examination with the therapeutic indication
- ♦ Understand the most advanced and up to date clinical aspects of positional vertigo with the most recent guides
- ♦ Know a series of much less frequent vestibular syndromes which can be encountered in professional practice and which, if not known, could be difficult to handle
- ♦ Assess, indicate and perform different surgical techniques to improve nasal respiratory function through the correct management of the nasal pyramid
- ♦ Know the anatomy and physiology of the cervical region, as well as its clinical examination and diagnostic imaging
- ♦ Delve into the pathology of the facial nerve, its origin and its form of presentation
- ♦ Assess facial paralysis and interpret studies for its effective treatment depending on whether it is in the acute or establish deformity phase
- ♦ Understand infectious pathology in childhood, including the general aspects of the immune system in the airway of a child and the antibiotic guidelines



This program has been specifically designed to respond, in a practical way, to the current challenges of conditions such as Adenopathy of Unknown Origin or Unilateral Hearing Loss”

04

Educational Plan

This Internship Program in Update on Otorhinolaryngology consists of a 3-week intensive internship in a prestigious clinical center. In addition, these internships will be carried out in 8-hour consecutive shifts, from Monday to Friday. In this way, a smooth learning process is guaranteed, without interruptions.

Likewise, the specialist will have access to real patients, whom they will be able to evaluate with the professionals of the hospital center itself. In this way, the student will be able to apply the latest diagnostic and follow-up techniques and interventions of this health discipline in a demanding professional scenario.

In this completely practical internship program, the activities are aimed at developing and perfecting the skills necessary to provide health care in the area of Otorhinolaryngology, and are oriented towards specific expertise for practicing the activity.

The practical teaching 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 the practice of Otorhinolaryngology (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the training, 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:



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
Otology, Audiology and Laryngology Techniques	Use non-implantable devices in the treatment of hearing loss
	Apply bone conduction and middle ear implants in the patient with hearing loss
	Indicate the application of cochlear implants in the brain stem in the patient with hearing loss
	Treat conduction and mixed hearing loss in chronic otitis media
	Diagnose and treat severe and profound sensorineural hearing loss in the chronic ear
	Perform voice examination by endoscopy and stroboscopy
	Assess the voice by performing subjective and perceptual, acoustic-vocal and aerodynamic examinations
Approach Methods for Swallowing Disorders	Perform endoscopic instrumental examination to address swallowing disorders
	Perform radiologic instrumental examination of the patient with swallowing disorders
	Perform dynamic study of swallowing through barium swallows
	Assess and indicate nutritional diets adapted to the patient with a swallowing disorder
	Perform laparoscopic Heller's myotomy in the patient with achalasia
	Perform endoscopic oral myotomy to treat achalasia
Approach of Head and Neck Pathologies and Rhinology	Perform surgical intervention for septal perforation closure
	Apply CENS in acute and chronic rhinosinusitis
	Perform CENS in chronic rhinosinusitis with nasosinusal polyposis
	Perform endoscopic dacryocystorhinostomy to address communication problems between the lacrimal sac and the nostril
	Follow-up of adenopathy of unknown origin
	Assess cervical masses by PET-CT
	Perform transoral laser, ultrasonic and robotic surgery in head and neck pathologies
Techniques Applied to Facial Paralysis	Perform radiological assessment of facial palsy
	Address Ramsay Hunt's palsy by indicating antivirals, corticosteroids, anxiolytics or analgesics, according to the specific case
	Apply techniques of facial nerve repair and facial reinnervation in cases of facial paralysis
	Intervene by dynamic and static reconstruction methods in the patient with facial paralysis

05 Where Can I Do the Internship Program?

TECH has selected the best clinical centers specialized in Otorhinolaryngology for this Internship Program. Therefore, the student will be able to carry out their practical internship in an elite clinical environment where they will learn the most outstanding techniques, methods and procedures of the discipline. All this, with the accompaniment of prestigious specialists who will bring you directly to the latest developments in Otology, Audiology or Otoneurology, among other subspecialties.



TECH puts the most prestigious clinical centers within your reach so that you can get up-to-date in a demanding and real environment, surrounded by the best professionals in Otorhinolaryngology”





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



Medicine.

Hospital HM Modelo

Country: Spain
City: 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 HM Rosaleda

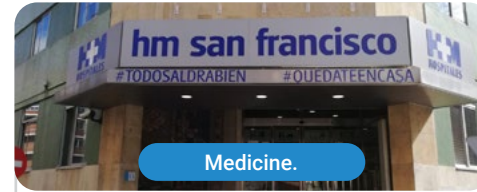
Country: Spain
City: La Coruña

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: Spain
City: 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: Spain
City: 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: Spain
City: 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: Spain
City: 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 Montepíncipe

Country: Spain
City: Madrid

Address: Av. de Montepíncipe, 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: Spain
City: 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 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.

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 Distrito Telefónica

Country	City
Spain	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.

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 Arapiles

Country	City
Spain	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 Gabinete Velázquez

Country	City
Spain	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 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:

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



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

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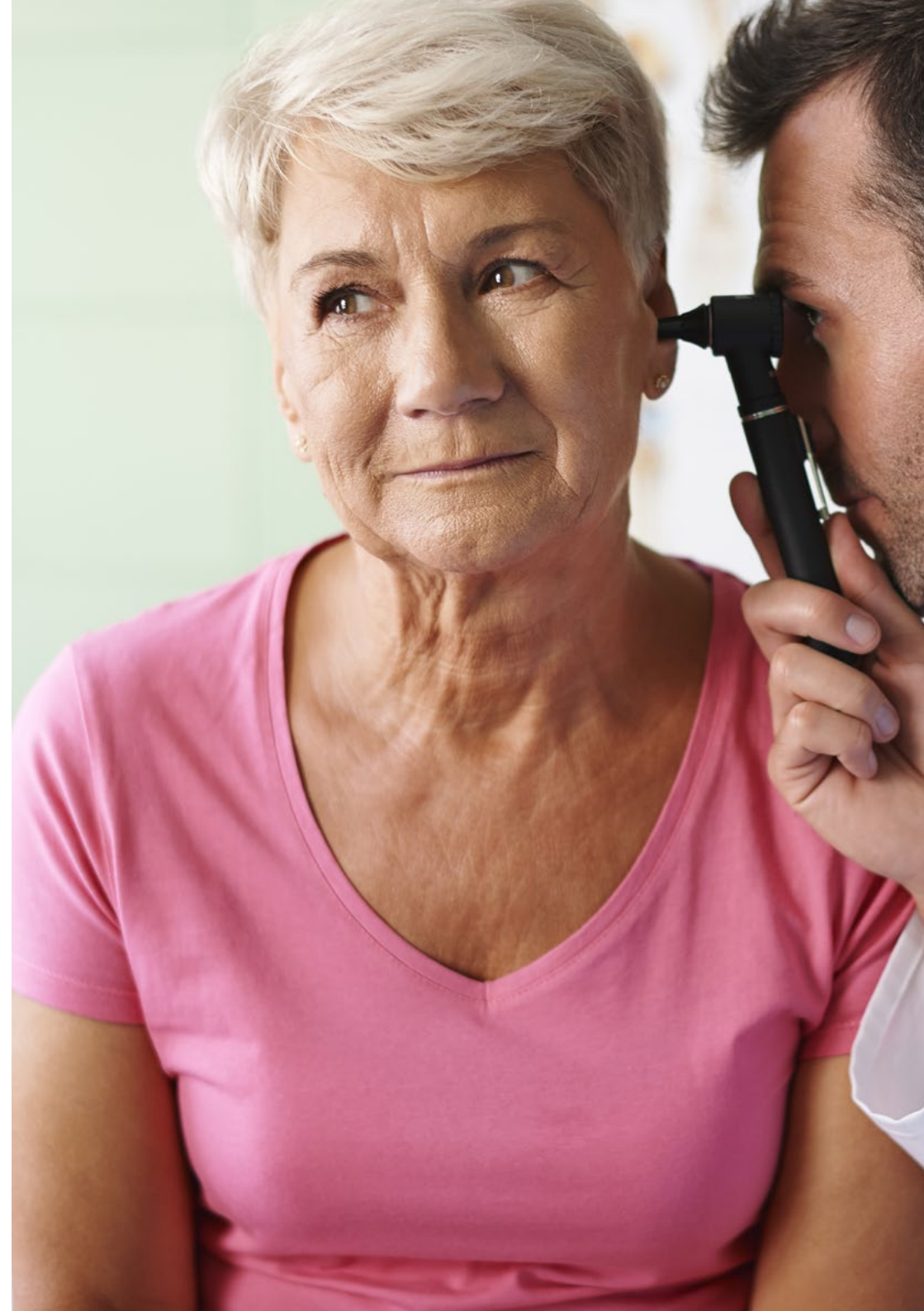
General Conditions

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 practical 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 Update on Otorhinolaryngology** contains the most complete and up-to-date program in the professional and academic landscape.

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

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

Program: **Internship Program in Update on Otorhinolaryngology**

Duration: **3 weeks**

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

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



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