

Internship Program

Voice Therapy



COLUMBIA UNIVERSITY
MEDICAL CENTER

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Internship Program
Voice Therapy

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01

Introduction

Voice dysfunctions or disorders can involve both speech disorders and breathing or swallowing processes. All this can impair the life quality of people, their professional development and especially their health. For this reason, it is of great importance to have the appropriate treatments to improve patients' conditions. The objective of this internship program is to offer physicians a unique learning option in Vocal Therapy, as they will become part of real working teams, where speech therapy neurorehabilitation and the analysis of vital functions are part of their daily work. Thanks to this, professionals will be able to specialize in an area of great relevance and develop the necessary skills to access the staffs of reference centers in this sector.

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With this eminently practical program you will learn the latest advances in Voice Therapy”



Orofacial and myofunctional therapy is one of the most widely used to treat problems related to orofacial dysfunctions. In this way, it is possible to prevent, assess, diagnose and correct any anomaly in this field. The great experience in the use of this type of techniques has determined its value as a rehabilitative method and, therefore, more and more doctors are looking for a complete specialization in this field.

Achieving a correct phonorrespiratory function, obtaining an optimal vocal register, learning vocal harmonics and improving articulation are some of the effects achieved with Voice Therapy at a medical level. However, the collaboration of the adult patient and, in the case of children, the support of family members is essential for the achievement of the goals, both inside and outside the sessions.

Due to its importance, TECH has developed this Internship Program, thanks to which you will be able to participate for 3 weeks, in an intensive way, of the real job in a reference health institution, together with professional experts in the area. In this way you will be up to date, not only with the most effective medical strategies, but you will be able to implement in your practice the most assertive and close communication skills to assist patients and their relatives. In this way, you will not only participate in a program that will raise your clinical talent to the highest level, but also increase your human and empathic quality.

Students will be able to learn hand in hand with specialized teams, attending real patients with different characteristics and disorders. At the end of the internship, the physician will have acquired the necessary skills to manage alterations or disorders of a speech nature, in which the orofacial system is affected. A unique opportunity to include a new learning method in their syllabus, which will be a great added value to be able to access positions related to this field of action.

02

Why Study an Internship Program?

For truly effective learning, an Internship Program is key. Establishing a direct contact with the study environment, through a clear and precise orientation, will allow the student to acquire new tools to face emerging needs. This is how TECH has designed an innovative academic product on the current educational market, which will allow specialists to enter a real clinical environment where they will be able to put into practice the latest procedures and techniques in the field of Voice Therapy. This consists of an on-site internship in a multidisciplinary work environment, where they will be able to verify the effectiveness of the treatments and techniques studied and begin to apply them in their clinical practice immediately. Thanks to the support of the specialists who will accompany you, you will be able to set up a high-level intellectual background to deepen your career as a specialist in Voice Therapy.

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With this program you will have the opportunity to verify first hand the effectiveness of the procedures studied and update your daily clinical practice with the most recent advances in Voice Therapy"

1. Updating from the latest technology available

The area of medicine is constantly being updated. Thanks to scientific and technological advances, the patient is allowed greater comfort and effectiveness in Voice Therapy treatments. For this reason, and with the objective of bringing the specialist closer to this technology, TECH presents this Internship Program with which the professional will enter a cutting-edge clinical environment, accessing the latest technology in this field of study.

2. Gaining in-depth knowledge from the experience of top specialists

In order to achieve the necessary educational preparation, TECH has selected the best professionals for the design of this practical approach program. With a practical internship in the most prestigious center in Voice Therapy, the student will share the work space with specialists who will share their most up-to-date experiences in cases of orofacial dysfunctions. In this way, they will be able to see real cases in a state-of-the-art setting with the most advanced equipment and resources.

3. Entering first-class clinical environments

TECH carefully selects all available centers for Internship Program¹¹s. Thanks to this, specialists will have guaranteed access to a prestigious clinical environment in the field of Voice Therapy. 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

This pedagogical program is focused on the on-site stay and putting into practice the knowledge acquired, so that the specialist can experience a new way of learning. From the hand of great professionals and with the participation in the treatment of real patients. In only 3 weeks you will be able to identify the most effective treatments and the most specialized techniques in Voice Therapy to put it into practice in your daily life.

5. Expanding the boundaries of knowledge

TECH expands education without boundaries. Thanks to programs such as this one that offer the possibility of doing internships not only in national but also international centers. Where professionals will be up to date with all the latest developments in Voice Therapy, with the support of great experts who will accompany them throughout the journey, who practice in first class hospitals and in different continents. Undoubtedly, a fantastic opportunity that only TECH can offer.

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

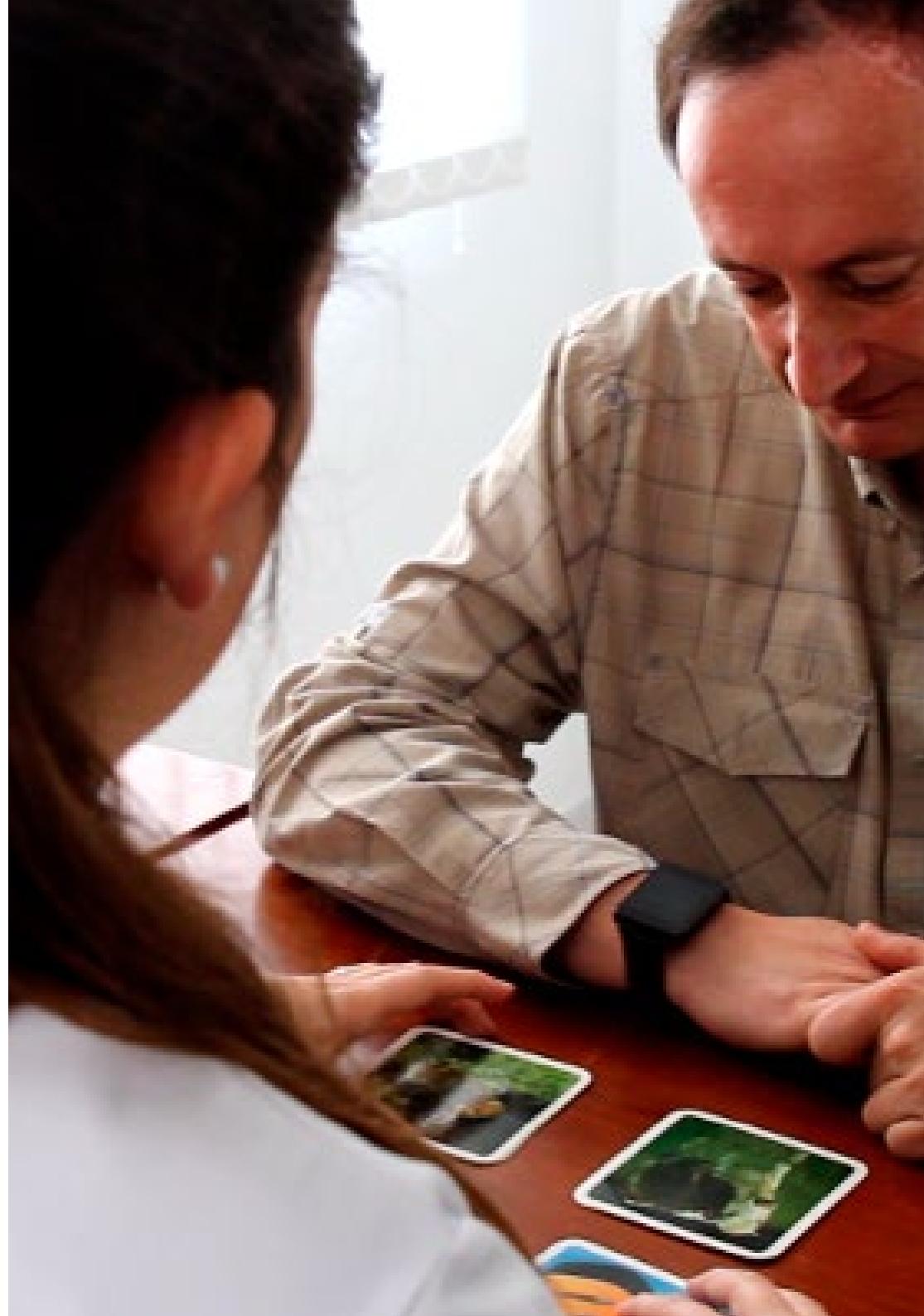
03 Objectives

This Internship Program aims to provide students with a complete and relevant knowledge of all aspects related to Vocal therapy. In this way, they will be able to care for patients with problems related to the basic functions of breathing, phonation and swallowing. For this, it is necessary that they have an in-depth knowledge of the anatomy and function of the organs involved in these processes, so the practical internship will place special emphasis on this type of cases. At the end of the program, the physician will know how to apply the most appropriate speech therapy rehabilitation processes for each person.



General Objectives

- Manage the most advanced techniques in voice improvement and recovery treatments or in orofacial dysfunctions
- Incorporate the most effective methods, approaches and clinical analysis into daily work, endorsed by a team of prestigious experts in the area of Voice Therapy
- Solve real case studies with current therapeutic approaches based on scientific evidence





Specific Objectives

- Identify the differences between child and adult populations in clinical practice
- Apply tests used for basic patient assessment
- Acquire an approach to the knowledge of executive functions and language
- Know how to apply MCT to speech therapy for improved results
- Learn how to implement a correct and complete assessment of vocal function in daily clinical practice
- Learn to implement a correct and thorough assessment of vocal function in daily clinical practice
- Learn how to implement a correct and complete assessment of vocal function in daily clinical practice
- Raise awareness of the need for vocal care
- Recognize correct motor patterns in swallowing, breathing and sucking
- Detect functional alteration in diet early
- Manage the different intervention strategies at the orofacial level in pediatric age in children with swallowing disorders
- Create diet programs adapted and individualized to each case in a preventive, re-educative and rehabilitative way
- Develop strategies to assess dysphagia before, during and after speech therapy intervention
- A comprehensive approach to dysphagia of neurological origin
- Recognize dentomaxillary abnormalities
- Relate, complement and coordinate the work between dentistry and speech therapy
- Recognize when swallowing is dysfunctional
- Elaborate orofacial-myofunctional assessment protocols
- Develop a work program that enhances feeding function and improves habits in patients with ASD
- Provide support strategies in terms of understanding the context through visual, tactile and auditory support
- Generate practical tools to be implemented in natural contexts
- Promote the creation of individualized, flexible diet programs based on the interests of children with autism

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Thanks to your specialization in this field, you will be able to carry out the most effective neurorehabilitation techniques for each patient"

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Educational Plan

The Internship Program in Voice Therapy consists of an intensive stay in a reference center, lasting 3 weeks from Monday to Friday, with 8-hour shifts of practical training with an attending specialist. This stay will allow students to see real patients alongside a team of reference professionals in this area, applying the latest technologies and techniques in this field.

In this internship, completely practical in nature, the activities are aimed at the development and improvement of the necessary skills for the care of patients with orofacial dysfunctions, which may affect breathing, chewing and swallowing. In this way, this program is oriented to the specific training of physicians for the exercise of their speech therapy practice, in a safe environment for the patient and with a high professional performance.

It is, without a doubt, a unique opportunity to learn by working in an innovative center, which is committed to the quality of its resources and the latest technologies. As such, the objectives of the patient and the professionals are met in a safe way and following the highest quality standards currently required.

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

The procedures described below will be the basis of the specialization, and their realization will be subject to the center's own availability, its usual activity and 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 human team that will help you develop your full potential"



Module	Practical Activity
Neurorehabilitation and its relation with the speech therapy treatment	Assess the clinical neurodevelopment of the patient Examine cognitive functions such as attention, perception, memory or language Assess disorders specific to child neuropsychology Determine the approach to be taken and the applicable family therapy according to the diagnosis
Voice Rehabilitation	Analyze disorders related to larynx, pharynx and other voice problems Use state-of-the-art endoscopic and stroboscopic instruments in diagnostic work Apply speech therapy treatment of functional and organic dysphonia, based on postural control, relaxation, phonation and breathing Analyze patients with infantile dysphonia and therapeutic adaptation to their age range Promote the improvement of the patient's vocal function through estill voice training exercises
Early care and intervention for dysphagia	Use barium radiography, dynamic swallow study, endoscopic evaluation, manometry or imaging to detect the cause of dysphagia Prescribe specific swallowing exercise and technique-based treatments for patients with oropharyngeal dysphagia Determine esophageal dilation treatments, special diets, oral medications or surgery in cases of esophageal dysphagia Involve in surgical procedures involving laparoscopic Heller myotomy, endoscopic oral myotomy, stent placement or botulinum toxin A
Dentistry and orofacial disorder	Analyze results of clinical examination and radiographic analysis to identify orofacial disorders Assess the need for additional medical studies, such as MRI, CBCT or blood tests Examine cases of temporary and permanent occlusion, as well as physiological, static and dynamic occlusions Intervene in cases of orofacial speech and language disorders
Feeding in ASD (autism spectrum disorder) and congenital acquired disorder	Assessing voice conditions affecting feeding in patients with ASD or congenital acquired disorder Elaborate strategy and therapeutic action plans to achieve a comprehensive approach Analyze oropharyngeal dysphagia and other specific problems in ASD patients Involve the family and the closest environment in the therapeutic process

05

Where Can I Do the Internship Program?

In order to continue with its premise of educational excellence, TECH is reaching collaboration agreements with different prestigious entities, thanks to which students can carry out an intensive practical internship. In this way, they will have the opportunity to learn with the best specialists of the moment in speech therapy neurorehabilitation, developing the necessary skills to become prestigious physicians. In these centers, students will be able to work with the most advanced technology of the moment, taking part in real situations.

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The best speech therapy neurorehabilitation centers are waiting for you. So that you can learn with the best and become one of them"





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



ASPAYM Principado de Asturias

Country
Spain

City
Asturias

Address: Av. Roma, 4, 33011 Oviedo, Asturias

National federation dedicated to the physical and mental promotion of patients

Related internship programs:

- Physiotherapy in Geriatrics
- Electrotherapy in Physiotherapy



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



Hospital Maternidad HM Belén

Country
Spain

City
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



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Make the most 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.

This liability policy for trainees will have broad coverage and will be taken out prior to the start of the practical internship period. In this way, professionals will not have to worry if they have to deal with an unexpected situation and will be covered until the end of the practical program 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 program agreement shall be 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 Voice Therapy** 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 diploma issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Voice Therapy**

Duration: **3 weeks**

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



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