

Internship Program

Speech Neurorehabilitation and
Vital Function Analysis. Orofacial
and Myofunctional Therapy



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01 Introduction

Nowadays, science and technology are constantly innovating to prevent, diagnose and treat with better results different orofacial disorders. As a consequence, numerous procedures of Speech Neurorehabilitation and Vital Functional Analysis have appeared, making possible the partial or total recovery of patients with pathologies such as Cerebral Palsy, craniofacial malformations and others. However, it is not easy to keep up to date with these new developments. For this reason, this program offers the specialists an update on the latest trends in this field, by means of a on-site and practical internship in a renowned hospital center. From there, they will apply the most modern protocols and will be advised by leading experts during 3 weeks of intensive and immersive learning.



Incorporate into your daily work the main technological and therapeutic innovations for the neurorehabilitation of patients with orofacial pathology through this intensive and rigorous TECH program”





With scientific and technological advances, the discipline of Speech Neurorehabilitation has managed to develop new protocols and tools, requiring physicians to be consciously qualified in all its new developments. However, keeping up to date on these aspects can be cumbersome when educational programs with an excessive theoretical load abound. With such study models, the graduates are not able to complete their educational preparation with the indispensable knowledge to apply specific techniques and devices from the very first moment after completing their studies.

This TECH program overcomes all these disadvantages with an innovative pedagogical modality that includes a 100% practical, on-site and immersive internship. For its development, the health professional will move to a prestigious hospital institution, equipped with the latest healthcare resources for the care of patients with conditions such as Hypophonia generated by Parkinson's, Dysphagia, Aphasia, among others. From there, students will have the opportunity to learn the handling of all these instruments and procedures from the direct approach of real patients.

In addition, at all times, they will have the personalized guidance of an assistant tutor. This academic figure will be in charge of helping you to expand your competencies through a dynamic and direct education. Likewise, you will be able to work together with great experts who will share their experiences and clarify doubts or concepts of interest to promote the active preparation of the specialist. This program, pioneer in its type, has a duration of 3 weeks, to be completed in 8-hour days, from Monday to Friday. At the end of this period, graduates will be able to incorporate their new knowledge into their daily medical work seamlessly and with the best results guaranteed.

02

Why Study an Internship Program?

Keeping up to date on the latest trends in Speech Neurorehabilitation and Vital Functions Analysis can be challenging for healthcare professionals. This is largely due to the prevalence of educational programs with a high theoretical burden on the latest developments in the field. In other words, specialists do not have in their hands a pedagogical tool to correct them in the development of specific care techniques for the improvement of skills. However, with this program, this problem is solved by means of an innovative study method that is 100% practical, on-site and lasts only 3 weeks.



You will delve, directly and with real patients, into the new techniques of relaxation, control and recovery of muscle tone that orofacial therapy offers to patients with Cerebral Palsy"

1. Updating from the Latest Technology Available

Speech Neurorehabilitation has expanded its scope through new technological tools such as Neurostimulation, Neurofeedback, among others. Handling these devices requires adequate specialization and rigorous practical skills. TECH offers the physician all of them throughout an intensive educational stay of 120 hours of duration.

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

Throughout this clinical practice, the health professional will work together with great experts in Speech Neurorehabilitation. At their side, they will be able to directly appreciate the development of new care protocols within this health area. In addition, they will be advised by an assistant tutor, who will also be in charge of supervising and ensuring the academic progress of the graduate.

3. Entering First-Class Clinical Environments

TECH has made a detailed selection of the facilities where this Practical Training will take place. Therefore, each of the chosen centers has the most remarkable technological resources in relation to the Speech Neurorehabilitation. Also, it has a staff of internationally renowned experts. By means of this high personnel and technical capacity, the graduate will be able to catch up with the greatest ease, speed and flexibility.



4. Putting the Acquired Knowledge into Daily Practice from the Very First Moment

In an educational market where theoretical programs on Speech Neurorehabilitation and Vital Functions Analysis prevail, this program is a refreshing innovation. Its learning model, 100% practical, on-site and immersive, allows the specialist to develop skills through direct contact with real patients. In addition to being totally intensive given its duration of only 3 weeks.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in centers of international importance. In this way, specialists will expand the frontiers of their knowledge and get up to date with the best experts practicing in distinguished hospitals in different continents. This is a one-of-a-kind opportunity that only TECH, the world's largest online university, could guarantee.



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

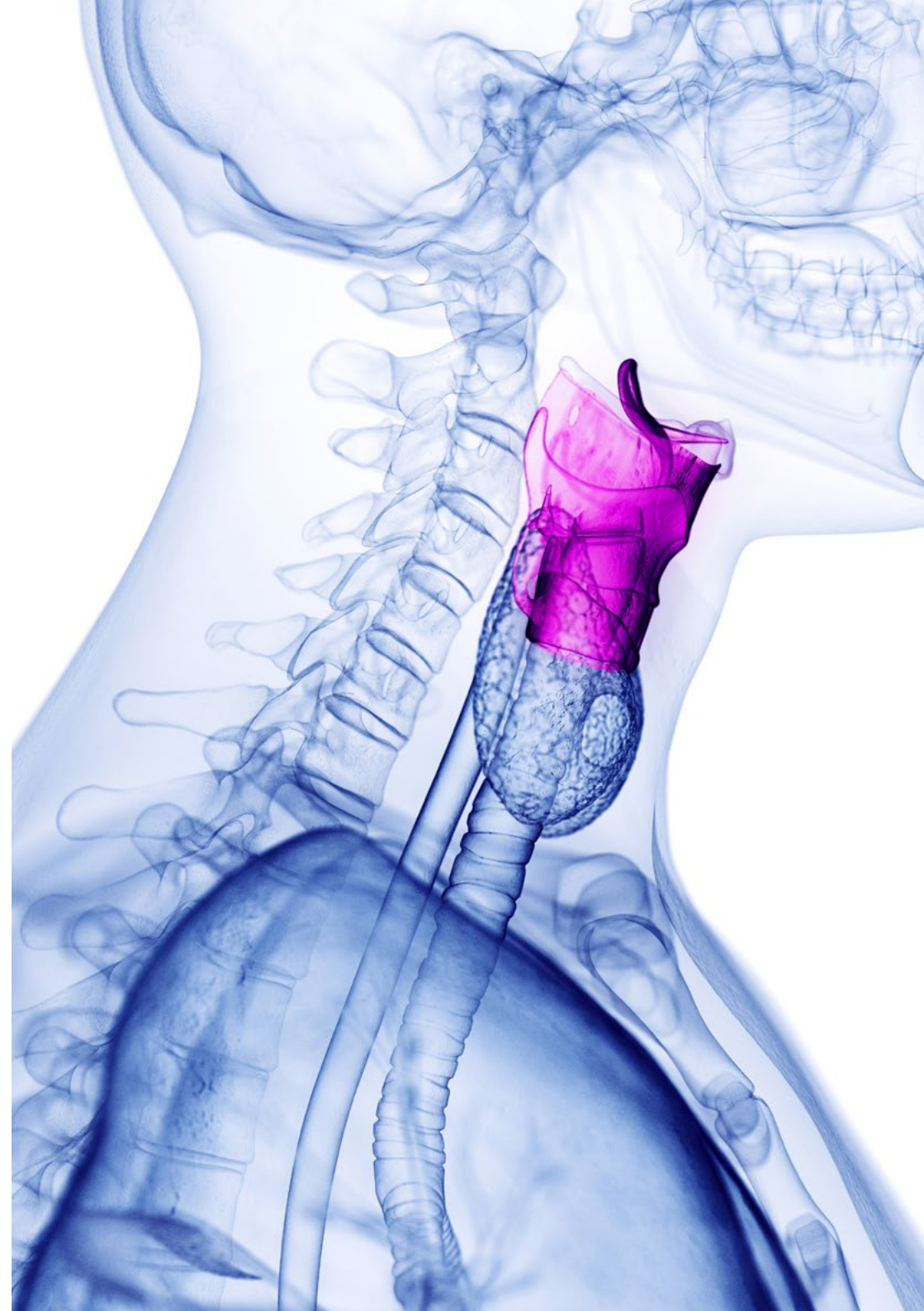
03 Objectives

In order to update specialists on the latest trends in Speech Neurorehabilitation and Vital Functions Analysis, TECH has developed this very complete program. Unlike other programs in the market, with this Practical Training the graduate will be able to assimilate the most modern contents without dedicating long hours to theoretical study, but will acquire them in a face-to-face and direct way.



General Objectives

- Broaden knowledge of the anatomical and functional principles of the central and peripheral nervous system and those organs involved in basic functions such as respiration, phonation and swallowing
- Update knowledge about rehabilitation techniques endorsed in clinical practice and in particular about speech therapy intervention
- Develop intervention skills acquired from complementary disciplines such as neuropsychology, physiotherapy and psychology
- Become proficient in the assessment, diagnosis and treatment of neurofunctional and logopedic disorders in specific groups with neurodevelopmental or syndromic disorders





Specific Objectives

- ♦ Study the basis of the nervous system in order to understand how the brain works
- ♦ Detail the stages of embryological development of the nervous system in general terms
- ♦ Classify the different structures that form the central nervous system
- ♦ Identify the general characteristics that make up the ascending and descending pathways of the spinal cord
- ♦ Recognize the differences between child and adult populations in clinical practice
- ♦ Acquire basic knowledge of the assessment tests used
- ♦ Acquire an approach to the knowledge of executive functions and language
- ♦ Know what neuropsychological rehabilitation consists of and how to approach each cognitive function
- ♦ Apply behavior modification techniques and master the clinical implication of occupational therapy in speech rehabilitation
- ♦ Learn to implement a correct and thorough assessment of vocal function in daily clinical practice
- ♦ Analyze the different possible vocal pathologies and achieve scientific rigor in treatments
- ♦ Solve real case studies with current therapeutic approaches based on scientific evidence
- ♦ Delve into the knowledge and analysis of the results obtained in objective voice assessments
- ♦ 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
- ♦ Detect the signs of proper posture and apply them in different positions for breastfeeding
- ♦ Learn the functional basis of dysphagia to classify it and know the pathologies associated with this disorder
- ♦ Relate, complement and coordinate the work between dentistry and speech therapy
- ♦ Elaborate orofacial and myofunctional assessment protocols
- ♦ Favor the quality of life of neurological patients by improving their eating habits
- ♦ Create programs for new habits and routines directly related to special needs student diets in order to improve their quality of life both at a personal and a social level
- ♦ Use alternative techniques for infant feeding
- ♦ Provide support strategies in terms of understanding the context through visual, tactile and auditory support
- ♦ Promote the creation of individualized, flexible diet programs based on the interests of the autistic child

04

Education Plan

This modality of studies is unique and pioneer in its kind since, in reference to Speech Neurorehabilitation and Vital Functions Analysis, mostly theoretical programs prevail. However, with this TECH program, the specialist will have access to the main developments in this health area in a 100% practical and on-site modality. The educational process, to be carried out in a clinical facility of maximum prestige, has a duration of 120 hours, distributed in days from Monday to Friday, to complete 3 weeks.

During this period of time, the professional will have at his disposal the most modern technologies and resources to undertake rehabilitation protocols and techniques much more powerful than those available in less updated facilities. In this way, they will learn to directly manage all these tools at their fingertips, offering quality care to real patients from the very first moment. They will also work closely with experienced experts.

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.

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 who facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of La medicine (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the internship, 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
Dentistry and Orofacial Disorder	Avoid future sequelae in the temporomandibular joints and their associated musculature through specific treatments against stress and bruxism
	Examine the patient for craniofacial malformations that may indicate the development of such disorders
	Develop specific relaxation techniques for the tone and voluntary motor control of patients suffering from Facial Paralysis
New technologies in Neurorehabilitation and Speech Therapy	Apply painless and effective electrical stimuli (Neurostimulation) for the treatment of dysphagia, or difficulty in swallowing
	Self-regulate brain activity and training through Neurofeedback techniques
	Indicate speech and cognitive stimulation therapies for patients with Alexias and Agraphia
	Increase blood flow to the brain through specific medications that replace depleted brain chemicals and prevent conditions such as Aphasia
	Train the patient with the Hypophonia typical of Parkinson's disease to better project their voice and avoid a monaural noise of multiple babbling while speaking
Orofacial and Myofunctional Therapy Trends	Correct the position of the tongue and teeth through Orthodontic treatments against inadequate habits such as mouth breathing
	Perform muscular exercises in the phonoarticulatory organs to adjust the tone and mobility of the voice
	Learn proper breathing, swallowing, chewing and phonation patterns, the proper position of the lips and tongue, according to the alteration
	Implement feeding programs adapted and individualized to each case in a preventive, re-educative and rehabilitative way
Feeding in Congenitally Acquired Disorder	Indicate occupational and speech therapy to patients with feeding reluctance due to ADHD and Autism Spectrum Disorders
	Develop technical aids on the positioning of the feeder and the person to be fed
	Achieve an adequate nutritional intake in the patient with Cerebral Palsy by means of techniques such as Oral Modules, Oral Supplementation and Enteral Nutrition

05 Where Can I Do the Internship Program?

TECH has the constant objective of offering its graduates the best education and the most up-to-date contents. For this reason, the realization of this Internship Program has been coordinated in clinical facilities of high welfare renown and equipped with the best resources for the Speech Neurorehabilitation of patients, according to the latest scientific evidence. In these facilities, specialists will be able to match their skills to the most relevant care standards. All this from an intensive, on-site, immersive and demanding educational modality.


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Thanks to this program, you will have the opportunity to study in person and in a practical way all the advances in Speech Neurorehabilitation, from a first class facility"





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



Medicine

Hospital HM Modelo


Country	City
Spain	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 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 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

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 shall have broad coverage and shall be taken out prior to the start of the practical internship 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 Speech Neurorehabilitation and Vital Function Analysis. Orofacial and Myofunctional 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 Speech Neurorehabilitation and Vital Function Analysis. Orofacial and Myofunctional Therapy**

Duration: **3 weeks**

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

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



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