

Postgraduate Certificate Neuro-Occlusal Rehabilitation





Postgraduate Certificate

Neuro-Occlusal Rehabilitation

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/dentistry/postgraduate-certificate/neuro-occlusal-rehabilitation

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 20

06

Certificate

p. 28

01

Introduction

The Neuro-Occlusal Rehabilitation, described by Dr. Pedro Planas, explains how the muscular function of the patient can be recovered through the influence of mastication on the craniofacial development, having as a fundamental principle and basis the establishment of occlusal balance. It is an important facet of dental health, which is why dentists should specialize in this field.





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If you want a Postgraduate Certificate can complement with your profession and that is up to date and of quality, this is your opportunity”

The Postgraduate Certificate in Neuro-Occlusal Rehabilitation initiates students in the teaching of this type of treatment, which was created by Dr. Pedro Planas and improves patients' dental health.

Through this training, students will learn how to recover the patient's muscular function through the influence of mastication on craniofacial development, with the establishment of occlusal equilibrium as a fundamental principle and basis.

In this way, a review will be made of the anatomical foundations that make up the entire masticatory complex, in order to understand how the function of mastication can influence the correct development of certain malocclusions. The patients will also be classified and analyzed in order to identify the functional injuries which may be present among the patients attending the consultation.

The laws of Planas are the basis of Neuro-Occlusal Rehabilitation and, therefore, are a fundamental part of this Postgraduate Certificate. According to these laws, by achieving an ideal occlusion, it will be possible to reorient the function to recover the morphofunctional and occlusal balance, and therefore favor the optimal development of the skeletal system. Methods of treatment to rehabilitate occlusal function, from simple occlusal selective grinding on primary teeth, through the placement of tracks and also with the use of functional appliances, will be thoroughly explained to the student.

This **Postgraduate Certificate in Neuro-Occlusal Rehabilitation** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Neuro-Occlusal Rehabilitation
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Latest developments in Neuro-Occlusal Rehabilitation
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Special emphasis on innovative methodologies in Neuro-Occlusal Rehabilitation
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an internet connection



Expand your knowledge by taking this Postgraduate Certificate in Neuro-Occlusal Rehabilitation”

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This Postgraduate Certificate is the best investment you can make when selecting a refresher program for two reasons: in addition to updating your knowledge in Neuro-Occlusal Rehabilitation, you will obtain a a qualification endorsed by TECH Technological University”

Do not hesitate to take our training program and enhance your daily practice.

This 100% online Postgraduate Certificate will allow you to balance your studies with your professional work while increasing your knowledge in this field.

It includes in its teaching staff professionals belonging to the field of Dentofacial Orthopedics, who contribute to this training the experience of their work, in addition to recognized specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to study in real situations.

This program is designed around Problem-Based Learning, whereby professionals must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned experts with extensive experience in the field of Neuro-Occlusal Rehabilitation.



02 Objectives

The program in Neuro-Occlusal Rehabilitation is aimed at providing dental health professionals with the latest advances and the most innovative treatments in the sector.



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This training will provide you with the opportunity to specialize in Neuro-Occlusal Rehabilitation”



General objectives

- ♦ Learn the basic principles of dentomaxillary orthopedics
- ♦ Master the growth process to know how to try to guide it during orthopedic treatment
- ♦ Be able to master the dental eruption process, as well as any possible anomalies
- ♦ Recognize all the structures present in the tests to make a complete and accurate diagnosis, which is essential when choosing the ideal treatment
- ♦ Learn how to perform the most commonly used cephalometry tests, which will provide important data on growth and will allow you to choose the best treatment
- ♦ Be able to identify vertical problems present in the patient and explain their most common manifestations
- ♦ Learn to identify the manifestations of transversal problems in growth and their causes
- ♦ Learn about all anteroposterior malocclusions and their complexities in order to choose the best possible treatment in each case
- ♦ Learn the rules that must be followed in order to obtain harmonious growth, as well as the devices that exist to achieve it
- ♦ Discover the impact that habits have on craniofacial development and the appliances we can use to correct them and allow the patient to develop correctly
- ♦ Be able to identify asymmetries and define their etiology





Specific objectives

- ◆ Learn the functional rehabilitation method described by Dr. Pedro Planas
- ◆ Recognize the classification of functional lesions present in patients
- ◆ Learn the fundamental laws of occlusion for normal craniofacial development
- ◆ Identify the most effective treatments, from simple occlusal grinding to placing tracks
- ◆ Know how to use functional devices in order to restore the patient's normal function



Make the most of this opportunity and take the step to get up to date on the latest developments in Neuro-Occlusal Rehabilitation”

03

Course Management

The program includes in its teaching staff renowned experts in Dentofacial Orthopedics, who bring to this training the experience of their work. Additionally, other recognized specialists participate in its design and preparation which means that the program is developed in an interdisciplinary manner.





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Leading professionals in the field have come together to teach you the latest advances in Neuro-Occlusal Rehabilitation”

Management



Dr. Merino González, Belén

- ♦ Dental Surgeon at Merino Orthodontics
- ♦ Dental Surgeon at Adelas Dental S.A.U., Torrelara Clinic and Zedent Clinic
- ♦ Management in the Surgery Department at Ziving Clinic
- ♦ Periodontist at SMY-CLINICS LIMITED and Vivanta
- ♦ Master's Degree in Surgery, Periodontics and Implantology from the University of Alcalá de Henares



Merino González, Ramón

- ♦ Dentomaxillary Orthodontist at Merino Orthodontics
- ♦ Management in the Orthodontics and Orthopedics Department at Ziving Clinic
- ♦ Specialist in Orthodontics and Whitening for Los Robles Dental Clinic
- ♦ Preclinical Master's Degree from the I.U. Mississippi of the University of Houston
- ♦ Master's Degree in Orthodontics and Dentomaxillary Orthopedics from the University of Alcalá de Henares
- ♦ Certified Invisalign Platinum Provider title



Professors

Dr. Rodríguez Balaguer, Silvia

- ◆ Dentist at the Madrigal Clinic
- ◆ Orthodontist- Virginia Salvador Dental Clinic
- ◆ Degree in Dentistry from San Pablo-CEU University
- ◆ Master's Degree in Orthodontics and Dentofacial Orthopedics. Institute of Southern Mississippi
- ◆ Adjunct Professor in Dentistry Programs

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A path to achieve education and professional growth that will propel you towards a greater level of competitiveness in the employment market”

04

Structure and Content

The structure of the contents has been designed by leading professionals in Dentofacial Orthopedics, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied, and diagnosed, and with extensive knowledge of new technologies applied to dental health.





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This Postgraduate Certificate in Neuro-Occlusal Rehabilitation contains the most complete and up-to-date program on the market”

Module 1. Neuro-Occlusal Rehabilitation

- 1.1. Concepts
- 1.2. Minimally Invasive Orthodontics
- 1.3. Classification of Functional Injuries
- 1.4. Planar Laws
- 1.5. Selective Grinding
- 1.6. Direct Tracks
- 1.7. Devices





“*A complete and well-developed syllabus that will propel you towards excellence in your profession in the simplest and most effective way”*

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the dentist's professional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Dentists who follow this method not only grasp concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

The student will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 115,000 dentists with unprecedented success, in all specialties regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances, and to the forefront of medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

Certificate

The Postgraduate Certificate in Neuro-Occlusal Rehabilitation guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program
and receive your university degree
without travel or laborious paperwork”*

This **Postgraduate Certificate in Neuro-Occlusal Rehabilitation** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Neuro-Occlusal Rehabilitation**

Official N° of hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



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