

Postgraduate Diploma

Podiatry Based on Clinical Practice





Postgraduate Diploma Podiatry Based on Clinical Practice

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

Website: www.techtute.com/in/medicine/postgraduate-diploma/postgraduate-diploma-podiatry-based-clinical-practice

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01

Introduction

Clinical podiatry is the broadest area of the discipline, extending from pediatric to advanced age. Moreover, its scope continues to increase thanks to the advances that are being produced and published every day. This program is aimed at updating the podiatrist so that they can incorporate advances in clinical podiatry in order to improve the prognosis of their patients.





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New scenarios in clinical podiatry will push you to propose new programs that fit real needs, so that you can incorporate them into advances in pathology management”

The dermatological podiatry unit within the program of Postgraduate Diploma in Podiatry Based on Clinical Practice, offers the professional intensive education in dermatology of the foot and ankle region without forgetting the enormous incidence of dermatological pathologies on the nail apparatus.

The podiatric pathologies with the highest incidence in the pediatric podiatric clinic are addressed and the mechanical clinical maneuvers used for their examination are analyzed, in addition to establishing the scientific basis for the prognosis and the choice of the most appropriate treatment.

In the geriatric unit, the podiatric pathologies with the highest incidence in the podiatric clinic are developed and the mechanical clinical maneuvers used for their examination are analyzed, in addition to establishing the scientific basis for the prognosis and the choice of the most appropriate treatment.

The latest developments in preventive podiatry are also addressed; this field of the specialty seeks to establish a solid foundation on which to build podiatric health programs for the population, as well as to anticipate the needs of the population in terms of prevention.

Additionally, the program includes imaging tests, pharmacology and marketing. Within the field of imaging, conventional radiology is thoroughly reviewed, from its physical mechanisms to its radiological projections and its radiobiological mechanisms of action. Without neglecting something as fundamental as radioprotection and musculoskeletal ultrasound, which is a technique in constant progress and development increasingly important in the clinical practice of the podiatrist, both in diagnosis and in subsequent treatment.

This **Postgraduate Diploma in Podiatry Based on Clinical Practice** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ Development of clinical cases presented by experts in podiatry.
- ♦ The graphic, schematic and practical contents of the course are designed to provide all the essential information required for professional practice
- ♦ It contains exercises where the self-assessment process can be carried out to improve learning
- ♦ Algorithm-based Interactive Learning system for decision-making for patients with foot pathologies
- ♦ Rational drug use guidelines for podiatrists, and clinical practice guidelines on the different musculoskeletal pathologies of the Lower Limb
- ♦ All of this will be complemented by 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



*Update your knowledge
with the Postgraduate
Diploma in Podiatry Based
on Clinical Practice”*

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This Postgraduate Diploma is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Podiatry Based on Clinical Practice you will obtain a qualification endorsed by TECH Technological University”

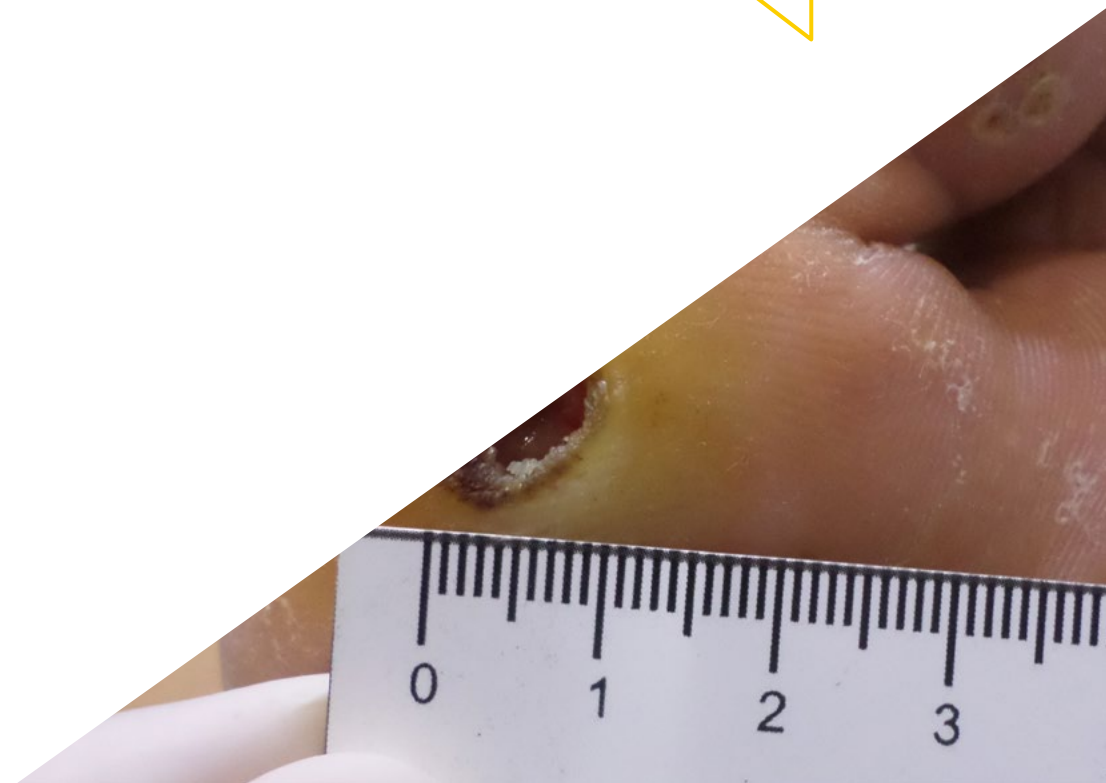
Its teaching staff includes specialists of recognized prestige in Podiatry Based on Clinical Practice, who bring the experience of their work to this program.

Thanks to their multimedia content developed with the latest educational technology, they will allow the podiatrist a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the physician must try to solve the different professional practice situations that arise throughout the program. For this purpose, the physician will be assisted by an innovative system of interactive videos made by recognized experts in the field of Podiatric Surgery and with great teaching experience.

Incorporate the latest developments in Clinical Podiatry into your daily practice and improve your patient care.

Do not miss this opportunity and choose the best way to stay up to date in Podiatry Based on Clinical Practice.



02

Objectives

This program aims to provide podiatrists with up-to-date knowledge of the new diagnostic and therapeutic procedures most commonly used in clinical podiatry. To this end, it proposes a review of the different pathologies and their management in the context of the latest scientific evidence.





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This program is designed for you to update your knowledge in Clinical Podiatry, with the use of the latest educational technology, to contribute with quality and confidence to the decision-making process"



General Objective

- Update the podiatrist in the main diagnostic and therapeutic procedures in clinical podiatry, differentiating the pathologies of the lower limb and implementing the correct treatment in childhood and geriatric age, based on the latest scientific evidence



Take the step to get up to date on the latest developments in Podiatry Based on Clinical Practice”



Specific Objectives

Module 1. Dermatological Podiatry. Treatment of Wounds

- Train in the clinical, medical and diagnostic fields of dermatological conditions residing in the foot
- Identify benign skin tumors
- Differentiate between fungal and bacterial infections
- Know the protocol for taking samples, biopsies and establishing differential diagnoses

Module 2. Pediatric Podiatry

- Contrast the different treatments in pediatric orthopedology
- Learn pediatric and infant biomechanics in gait
- Establish the most common pathologies in children's feet and train to educate in postural hygiene

Module 3. Geriatric Podiatry

- Anatomical Variations in Geriatric Age
- Technical Aspects to be fulfilled by Geriatric Footwear
- Main podiatric conditions in geriatrics and fall prevention

Module 4. Preventive Podiatry

- ♦ Use prevention as a key strategy
- ♦ Carry out analysis of preventive activities, mainly for children and gerontology
- ♦ Establish determinants of podiatric health
- ♦ Know the professional risks faced by the podiatric professional

Module 5. Diagnostic Imaging Tests in Podiatry

- ♦ Know how to use radiological and radiobiological protection correctly
- ♦ Correctly use radiology and ultrasound techniques to efficiently interpret and provide a correct diagnosis

Module 6. Anesthesia and Pharmacology Applied to Podiatry

- ♦ Be aware of the responsibility of podiatric prescribing and rational use of medication
- ♦ Identify and recognize commonly used local anesthetics
- ♦ Comprehensive knowledge of conscious sedation
- ♦ Apply chemical and radiotherapeutic treatments, as well as antibiotic therapy, analgesia and anti-inflammatories
- ♦ Management of the anticoagulated patient
- ♦ Deal with diabetic foot treatment
- ♦ Perform healing of ulcers and wounds applied to podiatry

Module 7. Clinic Management

- ♦ Learn to manage human capital
- ♦ Develop specific knowledge on economic and financial management of the clinic
- ♦ Establish quality management while optimizing costs
- ♦ Implement environmental waste management
- ♦ Learn how to resolve complaints and complex situations in relation to patient care

Module 8. Marketing in Podiatry

- ♦ Show the latest techniques in customer acquisition and relationship management, as well as customer service in the health care environment
- ♦ Know how to market and research the market to obtain greater profitability in the business
- ♦ Strategic and operational marketing in relation to podiatry

03

Course Management

Our teaching team of the Postgraduate Diploma in Podiatry Based on Clinical Practice has a wide prestige in this field, and are professionals with years of teaching experience who have come together to help you give a boost to your career. To this end, they have developed this program with recent updates in the field that will allow you to train and increase your skills in this sector.





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Learn from the best Podiatric professionals and become a successful professional yourself”

Management



Dr. Parra Sánchez, Guillermo

- Coordinator of the Foot and Ankle Unit, Gregorio Marañón Hospital, Madrid
- Attending Physician in Orthopedic Surgery and Traumatology
- Honorary Collaborator of the Department of Surgery I. Complutense University of Madrid
- MRCS. Royal College of Physicians and Surgeons of Glasgow
- Degree in Medicine and Surgery. Alcalá de Henares University.
- Medical Specialist in Orthopedic Surgery and Traumatology. Doce de Octubre University Hospital, Madrid



Dr. Cuervas-Mons Cantón, Manuel

- Doctor of Medicine in the Foot and Ankle Unit, Gregorio Marañón Hospital
- Instructor of Advanced Trauma Life Support (ATLS). American College of Surgeons
- Specialist in Orthopedic Surgery and Traumatology. Gregorio Marañón General University Hospital
- Specialist in Orthopedic Surgery and Traumatology. QuirónSalud Madrid UH
- Master's Degree in Clinical, Medical and Welfare Management. CEU Cardenal Herrera University
- Doctor of Medicine. Grade: Outstanding Cum Laude. Complutense University of Madrid
- Director of different Doctoral Theses in Medicine in the Department of Surgery at the Complutense University of Madrid

Professors

Dr. Álvarez Baena, Lucía

- ♦ Specialist in Anesthesiology and Resuscitation Gregorio Marañón General University Hospital. Specialist in Anesthesiology and Resuscitation Infanta Leonor UH
- ♦ Master's Degree in Update on Anesthesiology and Resuscitation CEU Cardenal Herrera University
- ♦ Degree in Medicine. Faculty of Medicine. Complutense University of Madrid
- ♦ Best Oral Communication Award at the National Congress of the Pediatric Anesthesia Section of the Spanish Society of Anesthesiology, Resuscitation, and Pain Therapy. SEDAR
- ♦ Member of the Spanish Group of Multimodal Rehabilitation. (GERM)

Dr. Arnal Burro, Javier

- ♦ Resident Intern of Traumatology and Orthopedic Surgery, Gregorio Marañón General University Hospital
- ♦ Collaborating Doctor of Practical Teaching, Department of Surgery I, Faculty of Medicine Complutense University of Madrid
- ♦ Degree in Medicine from the University of Zaragoza
- ♦ Publication: "A retrospective comparative cohort study of Radial Head Arthroplasty versus resection in complex Elbow Dislocations"
- ♦ C. Oral: Fractures of the Talar Neck Long-term Results Benjumea-Carrasco A, Cuervas-Mons M, Martínez Ayora A, Arnal Burró J, Vaquero Martín F.J

Dr. Martínez Ayora, Álvaro

- ♦ Specialist Physician in Orthopedic Surgery and Traumatology. Foot and Ankle Unit. Torrejón University Hospital
- ♦ Specialist Physician in Orthopedic Surgery and Traumatology. Gregorio Marañón General University Hospital
- ♦ Member of the Spanish Society of Orthopedic Surgery and Traumatology (SECOT) since June 2013
- ♦ Member of the Spanish Knee Society (SEROD) since January 2017
- ♦ Member of the Spanish Association of Arthroscopy (AEA) since March 2017
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid
- ♦ Master's Degree in Update on Orthopedic Surgery and Traumatology. CEU Cardenal Herrera University
- ♦ Postgraduate Diploma in Orthopedic Surgery and Traumatology of the Spine and Tumors and Infections of the Locomotor System. CEU Cardenal Herrera University

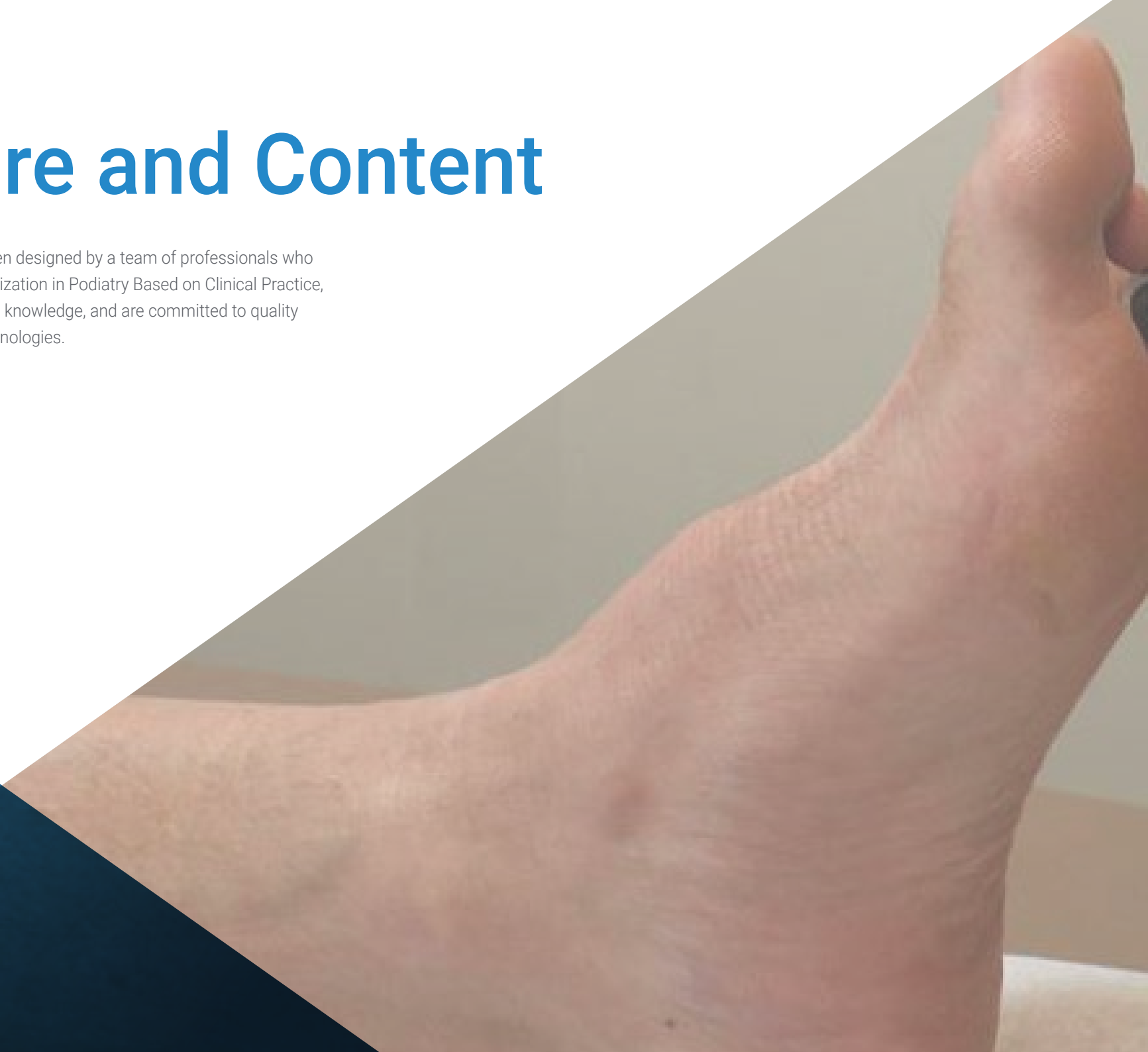


Take the opportunity to learn about the latest advances in this area in order to apply it to your daily practice"

04

Structure and Content

The structure of the syllabus has been designed by a team of professionals who recognise the implications of specialization in Podiatry Based on Clinical Practice, are aware of the relevance of current knowledge, and are committed to quality teaching using new educational technologies.



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This Postgraduate Diploma in Podiatry Based on Clinical Practice contains the most complete and up-to-date scientific program on the market”

Module 1. Dermatological Podiatry: Treatment of Wounds

- 1.1. Structure and Function of the Skin
- 1.2. Morphology of Primary and Secondary Skin Lesions
- 1.3. Diagnostic Techniques
- 1.4. Dermatopathology
- 1.5. Hereditary Diseases
 - 1.5.1. Ichthyosis
 - 1.5.2. Darier's Disease
 - 1.5.3. Hereditary Epidermolysis Bullosa
- 1.6. Inflammatory Diseases
 - 1.6.1. Psoriasis
 - 1.6.2. Atopic Dermatitis
 - 1.6.3. Contact Dermatitis
- 1.7. Lupus Erythematosus
- 1.8. Infectious Diseases
 - 1.8.1. Viral:
 - 1.8.2. Bacterial
- 1.9. Infectious Diseases II
 - 1.9.1. Mycotic
 - 1.9.2. Parasitic
- 1.10. Oncologic Dermatology I
 - 1.10.1. Malignant Tumors. Merkel Cell Carcinoma
 - 1.10.2. Malignant Tumors. Actinic Keratosis
 - 1.10.2.1. Malignant Tumors: Actinic Keratosis. Non-Melanoma Skin Cancer
 - 1.10.3. Malignant Tumors. Cutaneous Sarcoma
- 1.11. Oncologic Dermatology II
 - 1.11.1. Benign Tumors: Melanocytes
 - 1.11.2. Benign Tumors. Fibrohistiocytic
- 1.12. Nail Pathology

Module 2. Pediatric Podiatry

- 2.1. Pediatric and Infantile Biomechanics
- 2.2. Pediatric and Infantile Orthopodology

Module 3. Geriatric Podiatry

- 3.1. Anatomical Variations in Geriatric Age
- 3.2. Technical Aspects to be fulfilled by Geriatric Footwear
- 3.3. Description of the Most Prevalent Pathologies in Geriatric Patients

Module 4. Preventive Podiatry

- 4.1. Prevention as a Key Strategy
- 4.2. Analysis of Preventive Activities: Children, Gerontology, etc.
- 4.3. Determinants of Podiatric Health
- 4.4. Occupational Risks in Podiatry

Module 5. Diagnostic Imaging Tests in Podiatry

- 5.1. Radiological Protection: Radiological and Radiobiology Protection
- 5.2. Radiology and Ultrasound

Module 6. Anesthesia and Pharmacology Applied to Podiatry

- 6.1. Local Anesthetics
- 6.2. Conscious Sedation
- 6.3. Recommendation Manual for the Handling of Cytostatic Medications
- 6.4. Antibiotherapy, Analgesia, and Anti-inflammatory Drugs
 - 6.4.1. Analgesics
 - 6.4.2. Antibiotics
- 6.5. Anticoagulated Patient. Antithrombotic Prophylaxis
- 6.6. Diabetic Foot
- 6.7. Ulcer and Wound Care
- 6.8. Magistral Formulas

Module 7. Clinic Management

- 7.1. Managing Human Capital
- 7.2. Economic and Financial Management of the Clinic
- 7.3. Quality Management
- 7.4. Cost Optimization
- 7.5. Logistics and Purchasing
- 7.6. Environmental Waste Management
- 7.7. Patient Care: Complaint Resolution

Module 8. Marketing in Podiatry

- 8.1. General Aspects
- 8.2. Strategic and Operational MKT
- 8.3. Patient Recruitment Techniques
- 8.4. Relationship MKT through Online and Offline Media
- 8.5. Market Research
- 8.6. Brand Image in the Healthcare Sector
- 8.7. Mobile MKT and Interactive MKT

“*A unique, key and decisive program to boost your professional development*”



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

What should a professional do in a given situation? 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. Gervas, 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 physician'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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of 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.

Professionals will learn through real cases and by resolving 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current 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 on the usefulness of learning by observing experts. The system known as 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 Diploma in Podiatry Based on Clinical Practice guarantees you, in addition to the most rigorous and updated education, access to a Postgraduate Diploma 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 Diploma in Podiatry Based on Clinical Practice** 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 Diploma** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Diploma in Podiatry Based on Clinical Practice**

Official N° of hours: **600 h.**



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

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guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development language
virtual classroom

tech technological
university

Postgraduate Diploma
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- » Modality: online
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Postgraduate Diploma

Podiatry Based on Clinical Practice