

# Professional Master's Degree

## Advanced Clinical Podiatry





## Professional Master's Degree Advanced Clinical Podiatry

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/pk/medicine/professional-master-degree/master-advanced-clinical-podiatry](http://www.techtute.com/pk/medicine/professional-master-degree/master-advanced-clinical-podiatry)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Skills

---

*p. 14*

04

Course Management

---

*p. 20*

05

Structure and Content

---

*p. 24*

06

Methodology

---

*p. 30*

07

Certificate

---

*p. 38*

# 01

# Introduction

Clinical podiatry is the broadest field of the discipline, extending from pediatric to advanced age patients. Moreover, its scope continues to increase thanks to the advances that are being produced and published every day. This program is oriented toward updating podiatrists so they can incorporate the advances that occur in Clinical Podiatry, and improve the prognosis of their patients.





“

*The new scenarios in Clinical Podiatry push us to propose new training programs that fit the real needs of experienced professionals, so they can incorporate advances in the management of foot pathologies and improve patient prognosis”*

This Professional Master's Degree in Advanced Clinical Podiatry updates knowledge in the area of Podiatry to improve the training of professionals in clinical diagnosis and exploration techniques, manual, biomechanical and radiodiagnostic, and select the most appropriate treatment for different conditions and deformities of the feet.

The program is structured into four modules that include updated knowledge of Clinical Podiatry, Podiatric Surgery, Podiatry Clinic Management and Marketing, and Research Methodology, as applied to Health Sciences.

The latest advances in Biomechanics applied to Podiatry are included and the paradigms accepted and validated by the scientific community will be analyzed. It also addresses techniques to improve athlete performance and avoid injuries to the feet as a result of doing sports, and the latest advances and technology in Orthopedic Treatment techniques using the most advanced plantar supports.

It includes a complete module on the most important aspects in the field of management and marketing, which plays a strategic role in managing the relationship with patients and collaborators, especially in the private sector.

The program provides professionals with a theoretical and practical vision of Podiatry Clinics as a whole and of the marketing functions and applications in particular.

This **Professional Master's Degree in Advanced Clinical Podiatry** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- More than 100 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 foot and forefoot
- 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 Professional Master's Degree in Advanced Clinical Podiatry"*

“

*This Professional Master's Degree may be the best investment you can make when selecting a refresher program for two reasons: in addition to updating your knowledge of Advanced Clinical Podiatry, you will obtain a qualification from TECH Technological University”*

*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 updated in Advanced Clinical Podiatry.*

The 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 its multimedia content developed with the latest educational technology, it will allow podiatrists a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to learn 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 during the course. To that end, physicians will be assisted by an innovative interactive video system developed by renowned experts in the field of podiatry who have extensive teaching experience.



02

# Objectives

This program is oriented to achieve an effective update of the Podiatrist's knowledge, in order to provide quality care, based on the latest scientific evidence that guarantees patient safety.







“

*This refresher program will generate a sense of confidence when practising medicine, which will help you grow both personally and professionally”*



### General objective

---

- ♦ Update on the latest advances in diagnostic and therapeutic procedures in Clinical Podiatry, incorporating the main aspects of marketing in clinical management to provide adequate care and improve patient prognosis



*Acquire the necessary skills to specialize in this field and give a boost to your profession"*





## Specific objectives

---

### Module 1. Advances in Biomechanics Applied to Podiatry

- ♦ Update knowledge of clinical podiatry in daily practice, specifically, the current techniques used as diagnostic and therapeutic tools
- ♦ Identify and implement the main changes in podiatric treatments based on the latest scientific evidence

### Module 2. Sports Podiatry

- ♦ Identify the causes of the main pathologies of the athlete in the locomotor system and the treatment of choice
- ♦ Provide sufficient knowledge to efficiently and effectively perform clinical work in the global treatment of the various foot pathologies that affect athletes
- ♦ Establish the types of footwear to be worn by athletes
- ♦ Incorporate updated knowledge of biomechanics in different sports

### Module 3. Advances in Orthopodology

- ♦ Understand the action mechanisms in plantar orthoses
- ♦ Know how to make accurate molds
- ♦ Integrate knowledge of shoe therapy
- ♦ Use splints and prostheses, as well as new materials for podiatric use

### Module 4. Posturology

- ♦ Identify the muscle chains involved in posturology
- ♦ Program proprioceptive insoles for usability in posturology
- ♦ Integrate knowledge of the different types of insoles: postural and exteroceptive

### Module 5. Diagnostic Imaging Tests in Podiatry

- ♦ Know how to correctly use radiological and radiobiological protection
- ♦ Correctly use radiology and ultrasound techniques for efficient interpretation and accurate diagnosis

### Module 6. Anesthesia and Pharmacology Applied to Podiatry

- ♦ Take responsibility for podiatric prescribing and rational use of medication
- ♦ Identify and recognize the most commonly used local anesthetics
- ♦ Possess comprehensive knowledge of conscious sedation
- ♦ Apply chemical and radiotherapeutic treatments, as well as antibiotherapy, analgesia and anti-inflammatory medication
- ♦ Learn to deal with anticoagulated patients
- ♦ Learn to deal with diabetic foot treatments
- ♦ Perform ulcer and wound care applied to podiatry

### Module 7. Dermatological Podiatry Wound Treatment

- ♦ Identify the clinical, medical, and diagnostic settings of dermatologic conditions in feet
- ♦ Identify benign skin tumors
- ♦ Differentiate fungal and bacterial infections
- ♦ Know the protocol for taking samples, biopsies and establishing differential diagnoses

### Module 8. Pediatric Podiatry

- ♦ Contrast the different treatments in pediatric orthopodology
- ♦ Learn pediatric and child biomechanics in gait
- ♦ Establish the most common feet pathologies in pediatrics and train in postural hygiene

### Module 9. Geriatric Podiatry

- ◆ Identify anatomical variations in the geriatric age
- ◆ Learn the technical aspects involved in geriatric footwear
- ◆ Recognize the main podiatric conditions in geriatrics and fall prevention

### Module 10. Preventive Podiatry

- ◆ Use prevention as a key strategy
- ◆ Conduct analyses of preventive activities, mainly for children and gerontology
- ◆ Establish determinants of podiatric health
- ◆ Understand the professional risks faced by Podiatry professionals

### Module 11. Generalities in Podiatric Surgery

- ◆ Expand the knowledge and skills required to perform podiatric surgery
- ◆ Learn preoperative preparation for patients undergoing podiatric surgery
- ◆ Recognize the specific instruments used
- ◆ Know the complementary tests that may be requested
- ◆ Expand knowledge of aesthetic reconstruction in podiatric surgery

### Module 12. Soft Tissue Surgery

- ◆ Understand and know how to perform elementary surgical maneuvers such as incisions and approaches
- ◆ Expand specialized knowledge of different types of soft tissue surgeries, such as nail surgery, Punch biopsy, fusiform excision, and others

### Module 13. Open Surgery

- ◆ Integrate and update knowledge of osteoarticular surgery
- ◆ Update and integrate bases to perform first radius surgery
- ◆ Differentiate surgery of the 5th metatarsal





#### **Module 14. Minimal Incision Surgery (MIS)**

- ◆ Perform up-to-date surgical techniques in various foot pathologies using MIS
- ◆ Perform soft tissue MIS
- ◆ Establish sound knowledge of the different applications of MIS

#### **Module 15. Clinic Management**

- ◆ Learn to manage human capital
- ◆ Acquire specific knowledge of economic and financial management of clinics
- ◆ Establish quality management by optimizing costs
- ◆ Implement environmental waste management
- ◆ Learn to resolve complaints and complex situations in patient care

#### **Module 16. Marketing in Podiatry**

- ◆ Show the latest techniques in customer acquisition and relationship management, as well as customer service in health care
- ◆ Understand markets and conduct market research for greater business profitability
- ◆ Utilize strategic and operational marketing in Podiatry

#### **Module 17. Research Methodology**

- ◆ Introduce research methodology to carry out projects based on clinical cases and scientific evidence and present them to scientific-technical forums
- ◆ Establish the basic principles of research methodology applied to health sciences
- ◆ Recognize and use sources of information for research and search strategies

# 03 Skills

After passing the assessments on this program, the physician will have acquired the necessary professional skills for quality, up-to-date Podiatrist practice based on the most innovative teaching methodology.





“

*With this program you will be able to master latest Diagnostic and Therapeutic procedures in Foot Pathologies”*



## General skills

---

- ♦ Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- ♦ Know how to apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to the area of study
- ♦ Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments
- ♦ Know how to communicate conclusions, knowledge, and supporting arguments to specialized and non-specialized audiences in a clear and unambiguous way
- ♦ Acquire the learning skills that will enable further studying in a largely self-directed or autonomous manner
- ♦ Develop within the Profession in terms of working with other Health Professionals, acquiring skills to work as a team
- ♦ Recognize the need to maintain your professional skills and keep them up to date, with special emphasis on autonomous and continuous learning of new information
- ♦ Develop the capacity for critical analysis and research in the field of their profession







## Specific skills

---

- ♦ Incorporate advances in biomechanics applied to Podiatry to diagnostic and therapeutic procedures
- ♦ Analyze the evolution of biomechanics to present day
- ♦ Update the state of biomechanical models
- ♦ Apply the biomechanical model of ASA rotational equilibrium to diagnostic and therapeutic procedures in Clinical Podiatry
- ♦ Describe the latest developments in foot examination procedures
- ♦ Update the main pathomechanic aspects in the lower limb and point out their application in Clinical Podiatry
- ♦ Explain the new techniques of biomechanical examination of athletes
- ♦ Describe the main characteristics of sports footwear and how they affect mechanical foot pathologies
- ♦ Incorporate the latest neuromuscular taping and dynamic tape techniques
- ♦ Develop the use and interpretation of pressure platforms for diagnostic purposes
- ♦ Analyze the biomechanical models used in sports: soccer, bikefitting and running
- ♦ Identify the mechanisms of action of Plantar Orthoses and describe their Manufacturing Processes
- ♦ Point out the main procedural features in manufacturing splints and prostheses, as well as their indication and application in Clinical Podiatry
- ♦ Incorporate new materials for podiatric use
- ♦ Develop proprioceptive insoles
- ♦ Describe the characteristics of postural and exteroceptive insoles
- ♦ Identify clinical applications of pressure platform in posturology
- ♦ Relate the procedures to the basics of lower limb osteopathy
- ♦ Describe the different radiodiagnostic tests commonly used in foot pathology
- ♦ Assess the need for radiological protection and its implications in the use of diagnostic imaging tests
- ♦ Incorporate new ultrasound techniques to diagnostic procedures for foot pathology, including evaluation and analysis models
- ♦ Review conventional foot and ankle X-ray tests and interpretation
- ♦ Identify the main characteristics of local anesthetics, as well as to incorporate the new techniques of sedoanalgesia in patients with foot pathology
- ♦ Update on managing diabetic foot patients
- ♦ Explain the new techniques to heal ulcers and frequent wounds in dermatological Podiatry
- ♦ Describe the semiology of the skin, with emphasis on primary and secondary elementary Lesions
- ♦ Classify the main benign skin tumors and their characteristics
- ♦ Update the management of fungal and bacterial Infections and onychopathies
- ♦ Incorporate dermatoscope use in diagnostic procedures for foot skin pathology

- Update on the approach to pediatric patients with foot pathology
- Identify anatomical variations in feet during geriatric age
- Explain the new indications in preventive Podiatry and establish them as key strategies in the approach to foot pathology
- Classify the surgical equipment and instruments used in podiatric surgery
- Review locoregional block procedures in foot sedoanalgesia before surgery
- Review suturing techniques and indicate the most appropriate in each case
- Update the procedures of esthetic reconstruction in foot surgery
- Review surgical procedures on the white parts of foot and ankle anatomy
- Update surgical procedures in the approach to nail pathology
- Identify new developments in life support maneuvering recommendations
- Identify advances in curettage, fusiform excision, punch biopsy, plasties, and laser therapy techniques
- Review the main surgical procedures in open foot surgery
- Review the different surgical techniques for foot and forefoot pathologies
- Incorporate marketing principles into podiatric clinic management
- Establish the basic rules of economic management
- Determine cost calculation procedures and optimization
- Incorporate marketing techniques and market research in podiatric clinic management
- Identify the keys to quality management in processes, logistics, and purchasing, and environmental management in the podiatric clinic



- ◆ Incorporate patient recruitment techniques and crisis management techniques
- ◆ Assess the importance of establishing a brand image in healthcare
- ◆ Manage scientific databases for carrying out reviews and bibliographic searches of scientific studies
- ◆ Formulate, implement, and evaluate standards, action guides and protocols specific to the field of hepatology
- ◆ Perform a critical and in-depth study on a topic of scientific interest in the field of hepatology
- ◆ Communicate result findings after having analyzed, evaluated, and synthesized the data

“

*Take advantage of the opportunity and take the step to get up to date on the latest developments in Foot Pathologies”*



# 04

# Course Management

The teaching team at TECH is made up of experts in Advanced Clinical Podiatry who are a widely renowned professionals in the field with years of teaching experience. They have come together to boost our students' careers. To that end, they have developed this program with recent updates in the field that will allow them to enhance their professional skills.





*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, Universidad de Alcalá de Henares
- ♦ Specialist in Orthopedic Surgery and Traumatology, 12 de Octubre University Hospital, Madrid



### Dr. Cuervas-Mons Cantón, Manuel

- ♦ Doctor of Medicine, Foot and Ankle Unit, Hospital Gregorio Marañón, Madrid
- ♦ 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. QuironSalud University Hospital in Madrid
- ♦ Master's Degree in Clinical Management, 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, Complutense University, Madrid

## Professors

### Dr. Martínez Ayora, Álvaro

- ◆ Specialist Physician in Orthopedic Surgery and Traumatology Foot and Ankle Unit, Torrejon 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

### Dr. Arnal Burro, Javier

- ◆ Resident Intern, 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, 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. Álvarez Baena, Lucía

- ◆ Specialist in Anesthesiology and Resuscitation Gregorio Marañón General Hospital
- ◆ Specialist in Anesthesiology and Resuscitation Infanta Leonor University Hospital
- ◆ 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)



*Take the step to get up to date on the latest developments in Advanced Clinical Podiatry”*

05

# 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, who are aware of the relevance of current knowledge, and who are committed to quality teaching using new educational technologies.





“

*This Professional Master's Degree in Advanced Clinical Podiatry, contains the most complete and up-to-date scientific program on the market”*

### Module 1. Advances in Biomechanics Applied to Podiatry

- 1.1. Modern Biomechanical Terminology
- 1.2. Strength
- 1.3. Mechanics
- 1.4. ASA Rotational Equilibrium Model
- 1.5. Tissue Stress Theory and Clinical Application
- 1.6. Biomechanics Foot and Ankle Exploration
- 1.7. Biomechanics and Gait Pathology: Abductor Gyrus

### Module 2. Sports Podiatry

- 2.1. Biomechanical Exploration of the Athlete
- 2.2. Sports Footwear
- 2.3. Neuromuscular Bandages
- 2.4. Dynamic Tape
- 2.5. Biomechanics in Soccer
- 2.6. Biomechanics in Running
- 2.7. Biomechanics in Cycling: Bikefitting
- 2.8. Pressure Platform Interpretation
- 2.9. Optical Capture Techniques in Sports Assessment

### Module 3. Advances in Orthopodology

- 3.1. History of Orthopodology
- 3.2. Mechanisms of Action of Plantar Orthoses
- 3.3. Casting
- 3.4. Shoe Therapy
- 3.5. Manufacturing Processes for Plantar Orthoses
- 3.6. Splints and Prosthetics and Digital Orthotics
- 3.7. Orthotic Treatment of High Prevalence Pathologies

### Module 4. Posturology

- 4.1. Basis of Posturology
- 4.2. Posturodynamics
- 4.3. Normal and Pathological Posture
- 4.4. Proprioceptive Insoles
- 4.5. Posture and Sport
- 4.6. Osteopathy the Lower Limb

### 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. Recommendations Manual for the Handling of Cytostatic Drugs
- 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. Dermatological Podiatry, Wound Treatment

- 7.1. Structure and Function of the Skin
- 7.2. Morphology of Primary and Secondary Skin Lesions
- 7.3. Diagnostic Techniques
- 7.4. Dermatopathology
- 7.5. Hereditary Diseases
  - 7.5.1. Ichthyosis
  - 7.5.2. Darier's Disease
  - 7.5.3. Hereditary Epidermolysis Bullosa
- 7.6. Inflammatory Diseases
  - 7.6.1. Psoriasis
  - 7.6.2. Atopic Dermatitis
  - 7.6.3. Contact Dermatitis
- 7.7. Lupus Erythematosus
- 7.8. Infectious Diseases
  - 7.8.1. Viral
  - 7.8.2. Bacterial
- 7.9. Infectious Diseases II
  - 7.9.1. Mycotic
  - 7.9.2. Parasitic
- 7.10. Dermatological Oncology I
  - 7.10.1. Malignant Tumors Merkel Cell Carcinoma
  - 7.10.2. Malignant Tumors Actinic Keratosis
    - 7.10.2.1. Malignant Tumors Actinic Keratosis Non-Melanoma Skin Cancer
  - 7.10.3. Malignant Tumors Cutaneous Sarcoma
- 7.11. Dermatological Oncology II
  - 7.11.1. Benign Tumors Melanocytes
  - 7.11.2. Benign Tumors Fibrohistiocytic
- 7.12. Nail Pathology

### Module 8. Pediatric Podiatry

- 8.1. Pediatric and Child Biomechanics
- 8.2. Pediatric and Child Orthopodology

### Module 9. Geriatric Podiatry

- 9.1. Anatomical Variations in Geriatric Age
- 9.2. Technical Aspects to be fulfilled by Geriatric Footwear
- 9.3. Description of the Most Prevalent Pathologies in Geriatric Patients

### Module 10. Preventive Podiatry

- 10.1. Prevention as a Key Strategy
- 10.2. Analysis of Preventive Activities: Pediatric, Gerontological, etc.
- 10.3. Determinants of Podiatric Health
- 10.4. Occupational Risks in Podiatry

### Module 11. Generalities in Podiatric Surgery

- 11.1. Anatomy Recap
- 11.2. Preoperative Preparation and Complementary Tests
- 11.3. Specific Instruments
- 11.4. Prophylaxis in Podiatric Surgery
- 11.5. Anesthesia Locoregional Blockades
- 11.6. Sterile Field
  - 11.6.1. Historical Introduction
  - 11.6.2. Infection Control
  - 11.6.3. Sterile Technique
- 11.7. Surgical Wash
- 11.8. Instrument Table Preparation
- 11.9. Operating Table: General Information and Patient Positioning
- 11.10. Suture Techniques
- 11.11. Esthetic Reconstruction
- 11.12. Basic Cardiopulmonary Resuscitation



**Module 12. Soft Tissue Surgery**

- 12.1. Elementary Surgical Maneuvers: Incisions and Approaches
- 12.2. Nail Physiology and Pathologies
- 12.3. Punch Biopsy
- 12.4. Cryosurgery
- 12.5. Infiltrations
- 12.6. Electrosurgery
- 12.7. Plasties and Flaps
- 12.8. Post-Operative Care

**Module 13. Open Surgery**

- 13.1. Osteoarticular Surgery-Hallux Valgus
- 13.2. First Radius Surgery-Hallux Rigidus
- 13.3. 5th Metatarsal, Fifth Radius Pathology: Treatment via Osteoarticular Surgery
- 13.4. Metatarsal Surgery
- 13.5. Flatfoot Surgery

**Module 14. Minimal Incision Surgery (MIS)**

- 14.1. Materials and Instruments in MIS
- 14.2. First Radius MIS
- 14.3. Central Radius Surgery and Central Goals
- 14.4. Soft Tissue
- 14.5. Pathologies Susceptible to MIS
- 14.6. Update on MIS

**Module 15. Clinic Management**

- 15.1. Managing Human Capital
- 15.2. Economic and Financial Management of the Clinic
- 15.3. Quality Management
- 15.4. Cost Optimization
- 15.5. Logistics and Purchasing
- 15.6. Environmental Waste Management
- 15.7. Patient Care: Complaint Resolution

**Module 16. Marketing in Podiatry**

- 16.1. General Aspects
- 16.2. Strategic and Operational Marketing
- 16.3. Patient Recruitment Techniques
- 16.4. Online and Offline Marketing Relationships
- 16.5. Market Research
- 16.6. Brand Image in the Healthcare Sector
- 16.7. Mobile and Interactive Marketing

**Module 17. Research Methodology**

- 17.1. Basic Principles of Research Methodology applied in Health Sciences
- 17.2. Sources of Information for Research and Sourcing Strategies
- 17.3. Critical Reading of Articles
- 17.4. Epidemiology and Research Study Design and Bias
- 17.5. Communication and Diffusion of Research Findings



*A unique, key, and decisive training experience to boost your professional development and make the definitive leap*

06

# 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.



“

*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. 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 physician's professional practice.



“

*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 relearn). 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.



07

# Certificate

The Professional Master's Degree in Advanced Clinical Podiatry guarantees you, in addition to the most rigorous and updated training, access to a Professional Master's Degree issued by TECH Technological University.





“

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

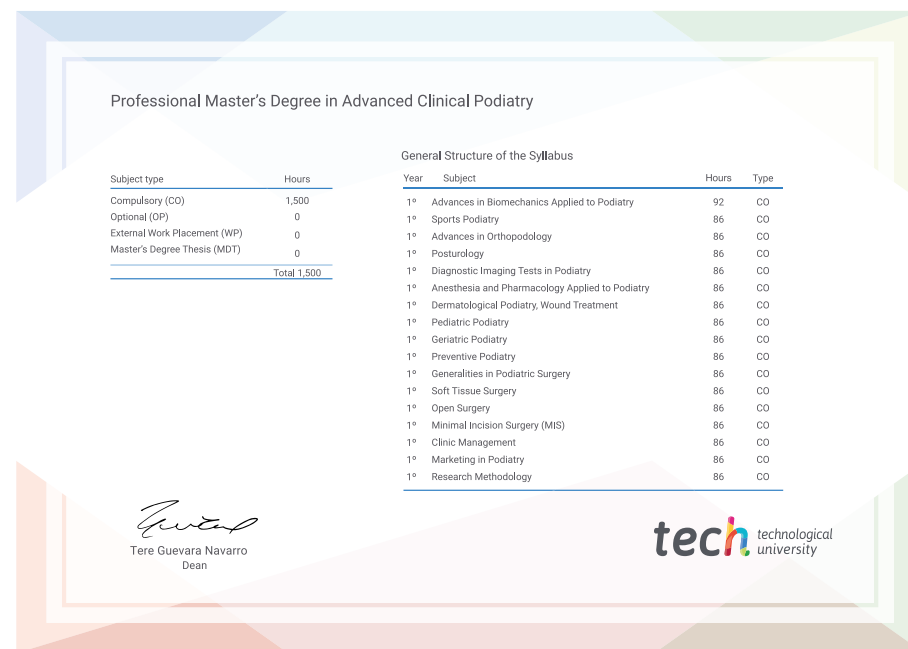
This **Professional Master's Degree in Advanced Clinical Podiatry** contains the most complete and up-to-date scientific program on the market.

After the student has passed the evaluations, they will receive their corresponding **Professional Master's Degree** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Professional Master's Degree in Advanced Clinical Podiatry**

Official N° of hours: **1,500 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.



health future  
confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present quality  
development language  
virtual classroom



## Professional Master's Degree

Advanced Clinical  
Podiatry

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

# Professional Master's Degree Advanced Clinical Podiatry