

Master's Degree

Advanced Clinical Podiatry





Master's Degree Clinical Podiatry Advanced

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/master-degree/master-degree-clinical-podiatry-advanced

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01

Introduction

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





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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 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 of management and marketing, which plays a strategic role in managing the relationship with patients and collaborators, especially in the private sector in which the podiatric clinic operates.

This degree provides the professional with a theoretical and practical vision of the podiatric clinic as a whole and particularly of the functions and applications of Marketing in the relations between the company and its environment.

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

- 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 Master's Degree in Clinical
Podiatry"*

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This 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”

The teaching staff includes specialists of recognized prestige in podiatry based on clinical practice, who bring the experience of their work to this training 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 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 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.

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.



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.





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This refresher program will generate a sense of security 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 the knowledge of practicing podiatrists in their daily activity with the most 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
- ♦ To provide the Professional with enough knowledge to develop their Clinical Practice with efficiency and effectiveness, in the global Treatment of the different Pathologies that affect the athlete from the Podiatric point of view
- ♦ Establish the types of footwear chosen for the athlete
- ♦ Integrate up-to-date knowledge on biomechanics in different sports

Module 3. Advances in Orthopodology

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

Module 4. Posturology

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

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

- ♦ Take responsibility for 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 ulcer and wound care applied to podiatry

Module 7. Dermatological Podiatry Wound Treatment

- ♦ Identify the clinical, medical and diagnostic settings of dermatologic 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 8. Pediatric Podiatry

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

Module 9. Geriatric Podiatry

- ♦ Identify anatomical variations in geriatric age
- ♦ Know the technical aspects that geriatric footwear must comply with
- ♦ Recognize the main podiatric conditions in geriatrics and fall prevention

Module 10. Preventive Podiatry

- ♦ Use prevention as a key strategy
- ♦ Carry out analysis 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

- ♦ Broaden the knowledge and skills necessary for the application of podiatric surgery
- ♦ Learn the pre-surgical preparation of the patient in podiatric surgery
- ♦ Recognize the specific instrumentation
- ♦ Know the complementary tests that may be requested
- ♦ Broaden knowledge in aesthetic reconstruction in podiatric surgery

Module 12. Soft Tissue Surgery

- ♦ Understand and know how to apply 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 in osteoarticular surgery
- ♦ Update and integrate bases for the performance of first radius surgery
- ♦ Differentiate the 5th metatarsal surgery





Module 14. Minimal Incision Surgery (MIS)

- ♦ Develop the different up-to-date surgical techniques in the various foot pathologies by means of minimal incision surgery
- ♦ Perform soft tissue MIS
- ♦ Establish a solid knowledge of the different types of surgeries in which Minimal Incision Surgery can be applied

Module 15. 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 to resolve complaints and complex situations in patient care

Module 16. Marketing in Podiatry

- ♦ To show the latest techniques in customer acquisition and relationship management, as well as customer care in the Health Care Field
- ♦ Know how to market and research the market to obtain greater profitability in the business
- ♦ Utilize strategic and operational marketing in Podiatry

Module 17. Research Methodology

- ♦ Introduce the Podiatrist to Research Methodology in order to carry out works based on Clinical Cases and Scientific Evidence for their presentation in Scientific-Technical Forums
- ♦ Establish the basic principles of research methodology applied to health sciences
- ♦ Recognize and use information sources 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.





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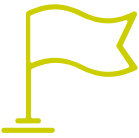
With this program you will be able to master latest Diagnostic and Therapeutic procedures in Foot Pathologies"



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 field 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 up to the 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 the Athlete
- ♦ 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 for diagnostic purposes of the pressure platforms
- ♦ 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 a proprioceptive insole
- ♦ 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 the new ultrasound techniques to the Diagnostic Procedures of Foot Pathology, as well as their Evaluation and Analysis Models
- ♦ Review conventional foot and ankle X-ray tests and their interpretation
- ♦ Identify the main characteristics of Local Anesthetics, as well as to incorporate the new techniques of Sedoanalgesia in the patient with Foot Pathology
- ♦ Update the management of the Diabetic Foot patient
- ♦ 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 the use of the Dermatoscope in the Diagnostic Procedures of Foot Skin Pathology
- ♦ Update the approach to the Pediatric Patient with Foot Pathology
- ♦ Identify the Anatomical variations of the Foot in the Geriatric Age

- ♦ Explain the new indications in preventive Podiatry and establish them as key strategies in the approach to foot pathology
- ♦ Classify the different surgical equipment and instruments used in podiatric surgery
- ♦ Review Locoregional Block Procedures in Foot Sedoanalgesia before Surgical Intervention
- ♦ Review Suturing Techniques and indicate the most appropriate in each case
- ♦ Update the procedures of Esthetic Reconstruction in Foot Surgery
- ♦ Review the Surgical Procedures on the white parts of the Anatomy of the Foot and Ankle
- ♦ Update Surgical Procedures in the approach to Nail Pathology
- ♦ Identify new developments in life support maneuver 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 their optimization
- ♦ Incorporate the Techniques of marketing and market research in the mManagement of the Podiatric Clinic
- ♦ 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 the Health Sector
- ♦ 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 renown 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.



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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, Universidad Complutense de 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 Clinical Teaching
- ♦ 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, Complutense University, Madrid

Professors

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
- ♦ Member of the Spanish Knee Society (SEROD) since January
- ♦ Member of the Spanish Association of Arthroscopy (AEA) since March
- ♦ 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 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. 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)



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 training in Podiatry based on clinical practice, who are aware of the relevance of current training, and who are committed to quality teaching using new educational technologies.



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This 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 its Clinical Application
- 1.6. Biomechanical Examination of the Foot and Ankle
- 1.7. Biomechanics and Gait Pathology: The 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 of soccer
- 2.6. Biomechanics of running
- 2.7. Biomechanics of Cycling: Bikefitting
- 2.8. Interpretation of Pressure Platforms
- 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. Principles 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. Oncologic Dermatology 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. Oncologic Dermatology 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 Infantile Biomechanics
- 8.2. Pediatric and Infantile 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: Children, Gerontology, 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. Pre-Surgical 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. The Operating Table: General Aspects 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. Postoperative 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. Material and Instruments in MIS
- 14.2. MIS 1st Radius
- 14.3. Mid Radius and Central Metatarsal Surgery
- 14.4. Soft Parts
- 14.5. Pathologies Susceptible to MIS
- 14.6. Update on MIS

Module 15. Clinic Management

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

Module 16. Marketing in Podiatry

- 16.1. General Aspects
- 16.2. Strategic and Operational MKT
- 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 educational 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.



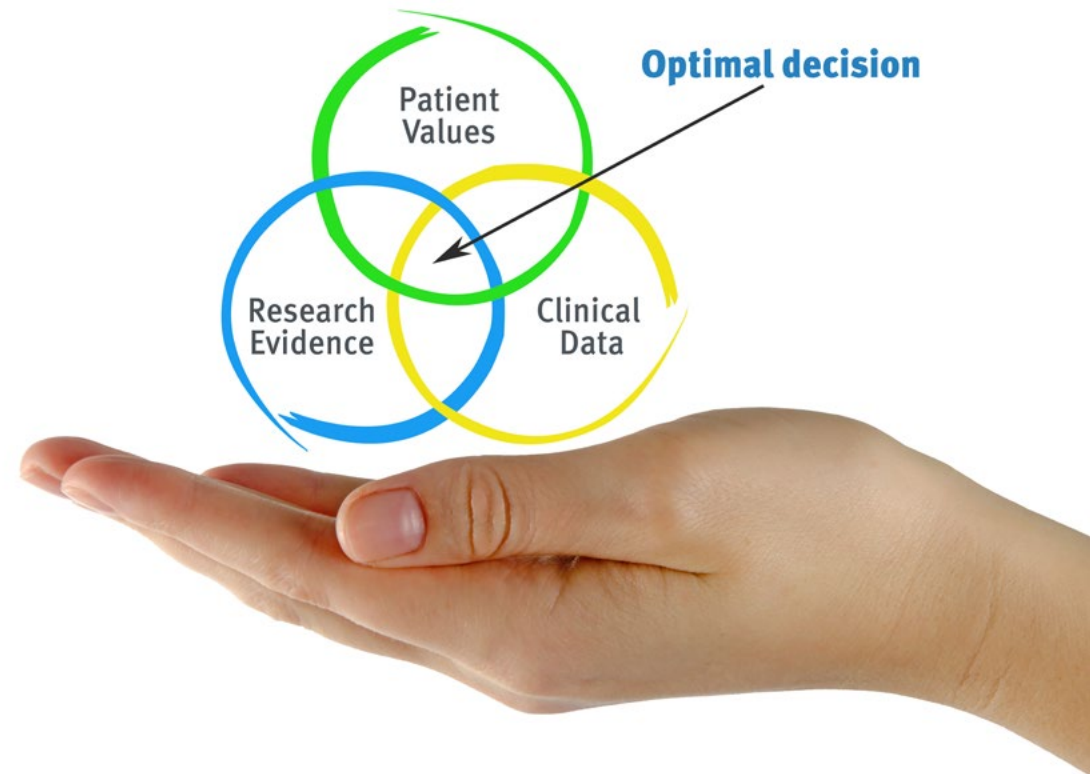
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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

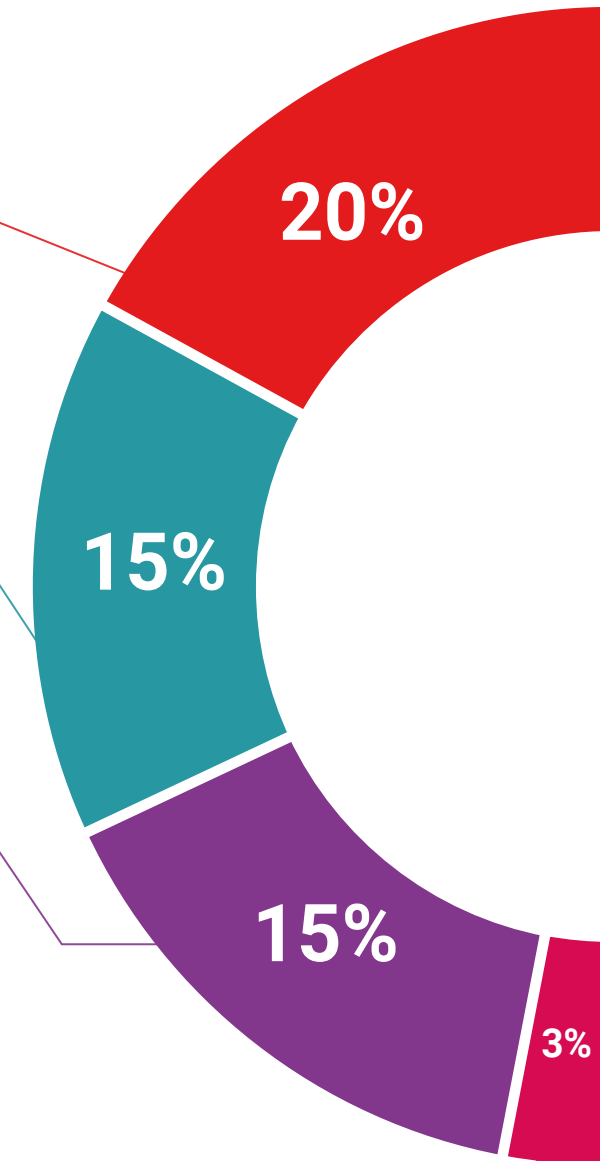
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

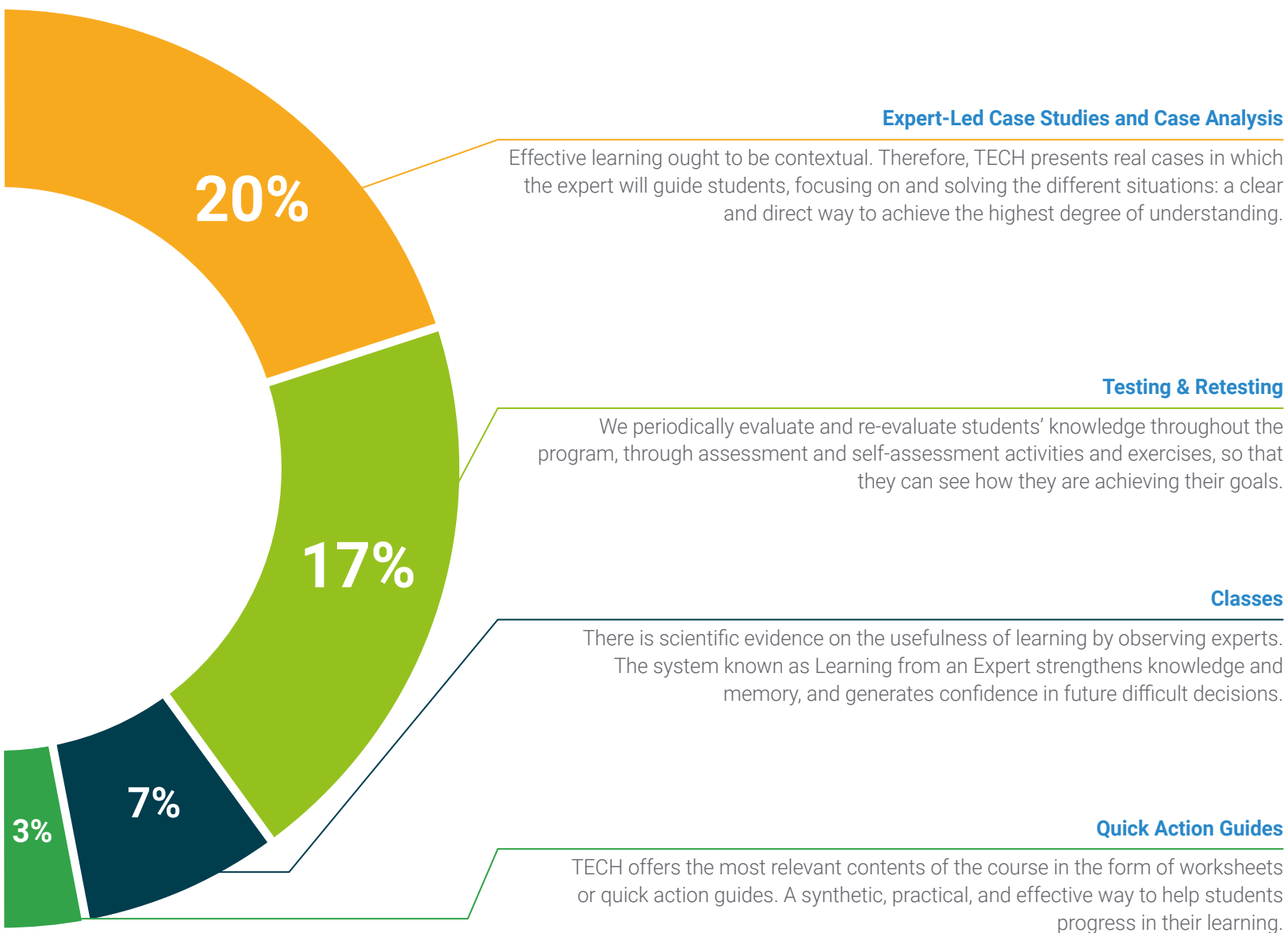
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.





07 Certificate

The Master's Degree in Advanced Clinical Podiatry guarantees students, in addition to the most rigorous and up-to-date education, access to a TECH Global University issued by TECH Technological University.



“

*Successfully complete this program
and receive your university qualification
without having to travel or fill out
laborious paperwork”*

This private qualification will allow you to obtain a **Master's Degree in Advanced Clinical Podiatry** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University, is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

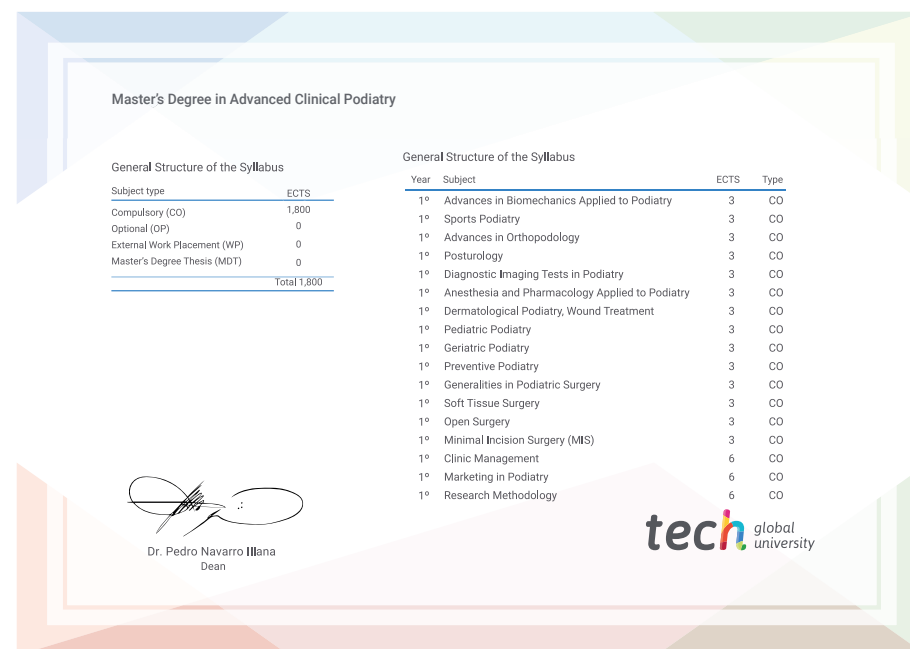
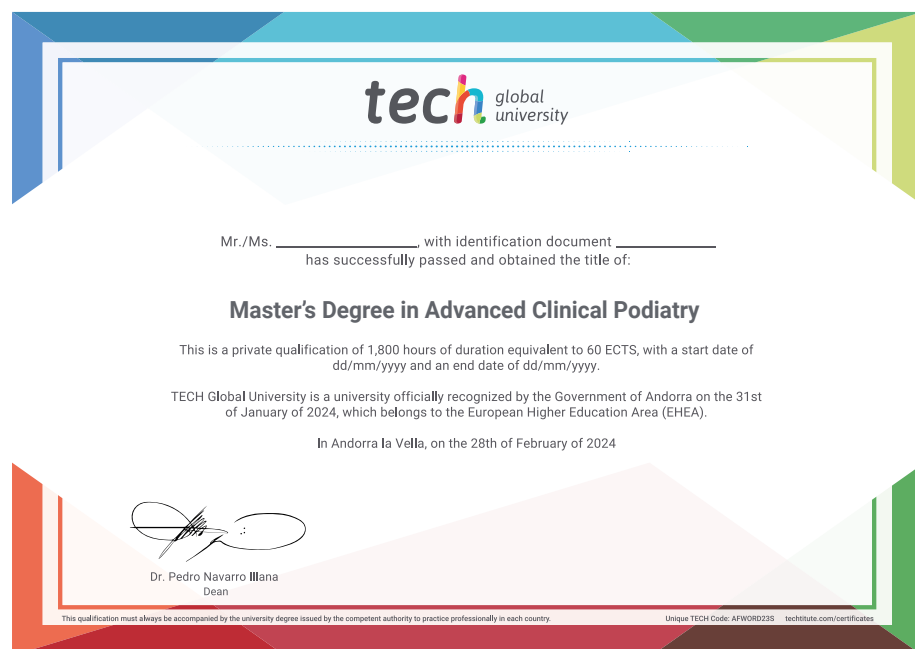
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

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

Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**





Master's Degree
Advanced Clinical Podiatry

- » Modality: online
- » Duration: 12 months.
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Master's Degree

Advanced Clinical Podiatry