Hybrid Master's Degree

Advanced Clinical Podiatry

tech global university

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Hybrid Master's Degree

Advanced Clinical Podiatry

Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Global University**

60 + 5 créditos ECTS

Website: **www.techtitute.com/us/medicine/hybrid-master-degree/hybrid-master-degree-advanced-clinical-podiatry**

Index

01

Introduction

Podiatry has continued to strengthen its importance within the health area, expanding its services to become a fundamental part of areas such as elite sports. In this way, in recent years the number of patients who come to professionals in this specialty has increased, as they not only provide answers to common conditions such as hallux valgus, but are able to provide solutions in biomechanics for athletes of different disciplines. For this reason, TECH has designed this program, with which the physician will be able to access the latest advances in this field. So, first, you will have access to theoretical and practical content in a 100% online format to later put it into practice in a prestigious clinical center, which will allow you to work in a real environment attending to all types of patients.

This program will not only bring you closer to the latest developments in Advanced Clinical Podiatry, but will also allow you to spend 3 weeks in a prestigious center in this health discipline"

The foot is one of the most abused and least cared for parts of the body. This limb supports the body's weight, helps to walk, dance, play sports and only becomes important when it represents a nuisance for the person. Although it is a strong structure, it is necessary to take proper care of it. In addition, in recent years Podiatry has begun to offer numerous services to special patients such as elite athletes. Therefore, it is necessary to have access to the latest developments in the discipline.

In this sense, this Hybrid Master's Degree brings together a group of professionals in the area to impart the knowledge that students need to update their knowledge in the different areas of the discipline. Implementing a theoretical-practical methodology, the student will follow an online program, in which they will acquire not only the latest surgical techniques, but will also be updated in the orthopedic field.

In this regard, it will address the manufacturing processes of implants, splints and prostheses. You will also learn about the most commonly used diagnostic imaging techniques, such as radiology and ultrasound. Likewise, they will be able to treat different wounds applying the protocols that correspond to the patient's age, taking into account their profession and daily needs.

As it is a clinical specialty, a module dedicated to podiatric surgery could not be missing. Therefore, the student will be trained to know the instruments used in a surgical procedure, anesthesia management and, as a preventive measure, a basic cardiopulmonary resuscitation class will be conducted. Basic surgical maneuvers such as incisions and approaches will also be covered, without forgetting metatarsal, midfoot and hindfoot surgery.

At the end of the theoretical modality, the student will have the opportunity to carry out a set of activities in a specialized podiatry center. Thus, and with the supervision of an assistant professional, you will put your performance to the test by attending to real patients who require some of the treatments and tests mentioned in the program. For all these reasons, the Hybrid Master's Degree in Advanced Clinical Podiatry is the right program to embark on a career in this area of medicine, allowing you to access the job market independently.

This **Hybrid 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:

- Development of more than 100 clinical cases presented by professional podiatrists, experts in the prevention and treatment of injuries, as well as university professors with extensive experience in geriatric patients
- The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Assessment and diagnosis of the different foot pathologies according to the patient's profession
- Integral plans of systematized action for foot and ankle injuries
- Presentation of practical workshops on diagnostic and therapeutic techniques for podiatric patients
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Clinical practice guidelines on the approach to different lesions
- All 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

With this program you will be trained to work independently, managing a private practice or clinic according to the latest methods of financial and administrative management"

The Hybrid Master's Degree in Advanced Clinical Podiatry will provide you with the latest advances in the approach to sports injuries.

This program will allow you to work in a real professional environment, acquiring fundamental experience alongside highly prestigious specialists.

In this proposed Hybrid Master's Degree, of professionalizing character and blended learning modality, the program is aimed at updating podiatric professionals who develop their functions in the clinical area, requiring a high level of qualification. The theoretical and practical elements will facilitate the updating of knowledge and will allow decision making in the management of the patient.

Thanks to its multimedia content developed with the latest educational technology, they will allow the podiatrist professional 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. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

02

Why Study this Hybrid Master's Degree?

Traditional forms of learning focus on the theoretical aspects of the discipline in question. However, in a clinical area such as Podiatry, it is necessary to have access to a more active and participative teaching in order to learn about the latest advances. Because of this, TECH responds to this need by providing the professional with a program that includes the most recent developments in this specialty, and a practical stay of 3 weeks in a center of recognized prestige. Therefore, the student is before the program that will favor the development of his career in a dynamic way and adapted to the current reality of this health field.

Do an internship in a prestigious clinical center thanks to TECH, which has designed this program thinking about the current professional reality of the area of Clinical Podiatry"

1. Updating from the latest technology available

In recent years, clinical podiatry has presented new technical and technological advances. So, for example, it has integrated the discipline of Biomechanics into daily work, in addition to developing new minimally invasive surgical procedures that are highly valued by patients. Paying attention to this scenario, this TECH program will allow the professional to perform in work environments equipped with the latest technology available

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

The professional who performs the internship will always be accompanied by leading specialists from the clinical center itself. You will therefore be able to draw on the experience of these podiatrists to incorporate the best techniques and the most advanced practice management methods into your daily work

3. Entering First-Class Clinical Environments

One of the most outstanding features of the internships included in this Hybrid Master's Degree is the prestige of the centers selected by TECH. Thus, the specialist will be able to work professionally in clinics of international reputation, where they will be updated with the most advanced equipment and accompanied by the most experienced experts in this area

4. Combining the Best Theory with State-of-the-Art Practice

The rigidity of traditional academic programs makes learning new techniques in the field of podiatry an inefficient and dynamic task. However, TECH offers a new teaching model, in which practice prevails over theory. Proof of this are the internships offered, through which the professional will work in a completely real environment, carrying out 100% practical activities during a 3-week intensive stay

5. Expanding the Boundaries of Knowledge

The enormous prestige of the centers available for internships reaches international dimensions, so the professional who carries out the internship will be able to expand their frontiers, updating their skills alongside highly reputed professionals who practice in first-class hospitals in different regions and continents

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

03

Objectives

The program of this Hybrid Master's Degree in Advanced Clinical Podiatry aims to help the podiatrist to acquire all the theoretical and practical tools for the practice of his profession, taking into account the new perspectives in the discipline. Therefore, the student will be prepared to face the labor and professional demand that exists today.

This program will enable you to use the most advanced diagnostic imaging techniques to detect foot anomalies and conditions"

General Objective

- The general objective of this Hybrid Master's Degree is to facilitate the application of the techniques and methodologies in a real environment, allowing the student to do a more than excellent job in their clinical practice. For this reason, special emphasis will be placed on incorporating theoretical content into the practical environment

This program will enable you to use the most advanced diagnostic imaging techniques to detect foot anomalies and conditions"

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
- 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 gerontological
- 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 knowledge in the specialization of the different types of soft tissue surgeries such as nail surgery, punch biopsy, fusiform excision, among 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
- Apply MIS soft tissue surgery on the basis of Minimal Incision Surgery
- 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 how to resolve complaints and complex situations in relation to 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
- Strategic and operational marketing in relation to 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

04

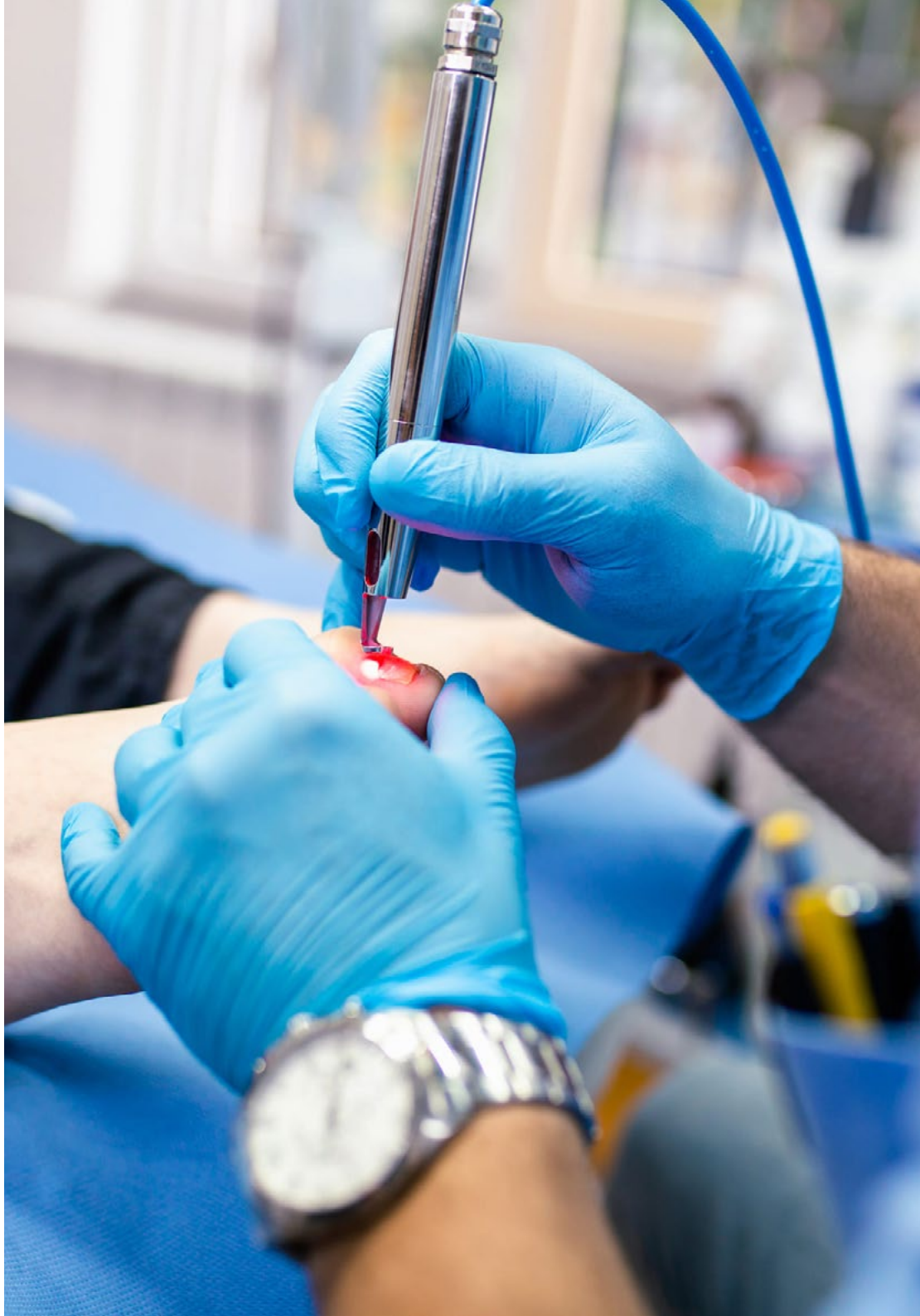
Skills

After passing the theoretical modules of the Hybrid Master's Degree in Advanced Clinical Podiatry, the student will have a set of skills that will help them to perform in their professional practice according to the latest technical and technological advances in the discipline. Thus, you will be able to provide personalized and comprehensive care to your patients, according to their age and profession, offering them the most advanced diagnostic, preventive and surgical methods.

Through this theoretical and practical program you will be able to update your professional skills in this complex discipline. All this, based on an online teaching methodology that will be followed by a 3-week on-site stay in a prestigious clinical center a 3-week on-site stay in a prestigious clinical center"

General Skills

- Possess knowledge and understanding that provides a basis or opportunity to develop and/or apply original 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 their 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 related to the application of their knowledge and judgments
- Know how to communicate their conclusions and the ultimate knowledge and rationale behind them to specialized and non-specialized audiences in a clear and unambiguous manner
- Acquire the learning skills that will enable them to continue studying in a way that will be largely self-directed or in a way that will be largely self-directed or autonomous



Specific Skills

- 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
- 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 its implication in the Mechanical Pathology of the Foot
- 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 of Sports: Soccer, Bikefitting, and Running
- Identify the mechanisms of action of Plantar Orthoses and describe their Manufacturing Processes

You will combine theory and professional practice through a demanding and rewarding educational approach"

05

Course Management

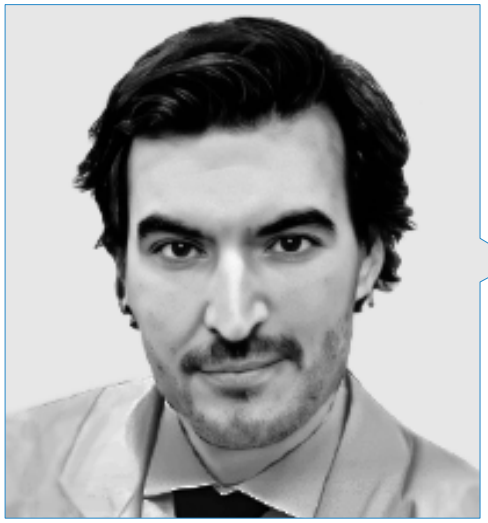
The teaching staff that makes up this program are experts in Podiatry and Orthopedic Surgery, so they form a qualified team to impart the most updated knowledge in the field. This will help the student to develop their skills to the maximum, so that they are ready to practice autonomously in a private practice.

TECH has carefully selected the teaching staff for this program, so that you will receive the most complete content from internationally renowned specialists in the discipline"

Guest Directors

Dr. Guillermo Parra Sánchez

- Coordinator of the Heredofamilial Cancer Unit at the Hospital General Universitario Gregorio Marañón
- Honorary Collaborator of the Department of Surgery I. Complutense University of Madrid
- Foot and Ankle Surgery Specialist. HM Hospitals
- Surgeon Foot and Ankle Surgery Specialist. Hospital Quirónsalud San José
- Traumatologist and Orthopedic Surgeon of the Foot and Ankle Unit in Traumadrid
- Assistant Physician in Orthopedic Surgery and Traumatology at Santa Cristina University Hospital
- Area specialist University Hospital Santa Cristina. Madrid Health Service
- International Stay in the Orthopaedic Senior House Officer in Northern General Hospital
- International Stay in the Orthopaedic Senior House Officer in Northern General Hospital
- International Stay in the Cardiothoracic Surgery Senior SHO in Northern General Hospital
- International Stay in the General Surgery Senior House Officer, Orthopaedic Senior House Officer in Diana Princess of Wales Hospital
- International Stay in the Orthopaedic Senior House Officer in University Hospital of Hartlepool
- Member of: Iberian Society of Biomechanics and Biomaterials, SECOT, Spanish Society of Foot and Ankle Medicine and Surgery, Member of the Royal College of Physicians and Surgeons of Glasgow



Dr. Cuervas-Mons Cantón, Manuel

- Doctor of Medicine, Foot and Ankle Unit, Hospital Gregorio Marañón
- Specialist in Orthopedic Surgery and Traumatology, Gregorio Marañon General University Hospital
- Specialist in Orthopedic Surgery and Traumatology at QuirónSalud Madrid University Hospital
- Instructor of Advanced Trauma Life Support (ATLS) in theAmerican College of Surgeons
- Director of different Doctoral Theses from Medicine in the Department of Surgery, Complutense University, Madrid
- Doctor of Medicine, Foot and Ankle Unit, Hospital Gregorio Marañón, MadridClinical Teaching
- PhD in Medicine and Surgery from the Complutense University of Madrid
- Master's Degree in Clinical Management, Medical and Healthcare Management from CEU Cardenal Herrera University

Professors

Dr. Javier Arnal Burro

- Medical Specialist in Orthopedic Surgery and Traumatology
- 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

Dr. Lucía Álvarez Baena

- 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)

Dr. Martínez Ayora, Álvaro

- Medical Specialist in Orthopedic Surgery and Traumatology
- 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
- 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
- Member of: Spanish Society of Orthopedic Surgery and Traumatology (SECOT), Spanish Knee Society (SEROD), Spanish Association of Arthroscopy (AEA)

This program will give you access to high level contents designed by renowned specialists in the field of Advanced Clinical Podiatry"

06

Educational Plan

The syllabus of this program has been developed according to the demands and requirements of the sector. Therefore, the content is designed to update the theoretical knowledge of students who wish to embark on their career path in clinical podiatry. From the first module you will be immersed in all the fundamentals of the profession, from technological advances, diagnostic methods and imaging techniques used in the office. They will also be able to understand the management of a podiatric clinic and the marketing strategies used to attract clients and provide them with comprehensive care.

TECH has integrated, in a single program, all the recent advances in Clinical Podiatry, to bring you up to date in a fast and efficient way"

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 by 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. 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 en Podología

16.1. General Aspects
16.2. Strategic and Operational MKT
16.3. Patient Recruitment Techniques
16.4. Relationship MKT through Online and Offline Media
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

07

Clinical Internship

After passing the theoretical-practical and online learning period, the program includes a practical training period in a reference clinical center. The student will have the opportunity to test their knowledge with the help of a tutor who will accompany them throughout the process, both in the preparation and in the development of clinical practices.

Take a practical stay in a center of international prestige and take advantage of the experience of its prestigious professionals to get up to date with the most advanced diagnostic methods in sports injuries"

In this training proposal, of a completely practical nature, the activities are aimed at the development and improvement of the competencies necessary for the provision of podiatric care in areas and conditions that require a high level of qualification, and which are oriented to the specific training for the practice of the activity, in an environment of patient safety and high professional performance.

In this way, the student will have the opportunity to learn by performing a unique task in a center of international prestige, monitoring patients, making molds, manual or biomechanical examination techniques, among others. This modality will be a new way of understanding and integrating theoretical knowledge into work practice, in a safe way for the patient and the professional.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other training partners to facilitate teamwork and multidisciplinary integration as transversal competencies for the praxis of clinical podiatry (learning to be and learning to relate).

Update yourself, with TECH, in an institution that allows you to keep up to date with the latest surgical advances in Clinical Podiatry"

The procedures described below will form the basis of the practical part of the training, and their completion is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:

Module	Practical Activity
Procedures in clinical, sports and preventive podiatry	Perform foot and ankle examination and diagnosis
	Perform biomechanical examination of the athlete, paying attention to gait pathologies
	Use of neuromuscular bandages during recovery from various injuries
	Making molds for shoe therapy, and fabrication of plantar orthoses, splints and prostheses
	Apply treatments and cures in primary and secondary elementary wound lesions, as well as in benign skin tumors, fungal and bacterial infections and onychopathies
Diagnostic techniques and pharmacology in podiatry	Diagnose injuries and various podiatric pathologies using radiology and ultrasound
	Apply local anesthetics and conscious sedation to perform surgical interventions and other procedures
	Indicate the use of drugs, as well as master formulas, for patients with podiatric injuries or pathologies
Surgical techniques in Podiatry	Apply cryosurgery techniques in those cases that require it
	Carrying out infiltrations
	Hallux Valgus Surgery
	Hallux Rigidus Surgery
	Perform metatarsal, flatfoot and fifth metatarsal surgeries
	Apply the most advanced procedures in minimally invasive surgery
Methods of management and administration of clinics specialized in podiatry	Involvement in the management of the clinic's human, economic and financial capital
	Participate in the development of a marketing plan for Podiatry services
	Resolving possible complaints or discomfort of the patient in the clinic
	Analyzing the clinical database to improve efficiency and management

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this educational entity undertakes to take out civil liability insurance to cover any eventuality that may arise during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. In this way, the professional will not have to worry in case he/she has to face an unexpected situation and will be covered until the end of the practical program at the center.

General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Hybrid Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the student does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Hybrid Master Program will receive a certificate accrediting their time spent at the center.

5. EMPLOYMENT RELATIONSHIP: The Hybrid Master Program shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Hybrid Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

08

Where Can I Do the Clinical Internship?

To help its students in their academic and work preparation, TECH has been willing to broaden the horizons of this Internship Program, offering a specialized center of international category, where they will be able to execute all the knowledge learned in the classroom. This is a unique opportunity for the student to continue to grow in his or her area of work, with plans to become autonomous in the sector.

At the end of your training in one of these centers you will be ready to apply the best methods of financial and administrative management in your clinic"

The student will be able to take the practical part of this Hybrid Master's Degree in the following centers:

Clínica Viriato

Country: Spain
City: Madrid

Address: Calle Viriato, 29 ,28010, Madrid

Clinic specialized in General Medicine, Aesthetic Medicine, Dentistry and Body Rehabilitation.

Related internship programs:
Sports Physiotherapy
Geriatric Physiotherapy

Clínica La Unión

Country: Spain
City: Madrid

Address: C. del Marqués de la Valdavia, 84, 28100 Alcobendas, Madrid

Polyclinic with a variety of medical specialties

Related internship programs:
- Advanced Clinical Podiatry

Clínica de Podología i l'Esport

Country: Spain
City: Barcelona

Address: Carrer de Numància, 18, bajos, 08029 Barcelona

Specialized Podiatric Care Center in sports

Related internship programs:
- Advanced Clinical Podiatry

Clínica Mendell

Country: Spain
City: Valladolid

Address: C/ Miguel Íscar, 3, 2 (47001) Valladolid España

Medical center offering various clinical specialties

Related internship programs:
-Prevention, Rehabilitation and Rehabilitation of Sports Injuries for Physiotherapists

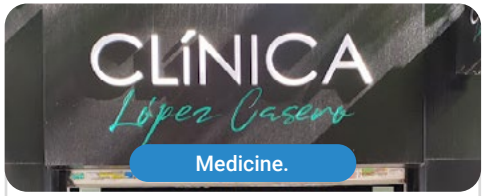
Clinisalud

Country: Spain
City: Madrid

Address: Calle Pingüino, 23, 28047 Madrid

Multidisciplinary health care center

Related internship programs:
- Diagnosis in Physiotherapy
- Advanced Clinical Podiatry



Clínica López Casero

Country: Spain
City: Madrid

Address: Calle Alcalde López Casero 4, 28027, Madrid

Health care center with multiple specialties.

Related internship programs:
- Advanced Clinical Podiatry

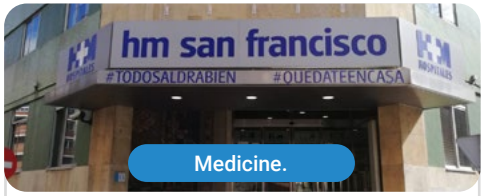
Clínica Noriega

Country: Spain
City: Madrid

Address: Calle de Francos Rodríguez, 23, 28039, Madrid

Multidisciplinary clinical center specialized in Podiatry, Physiotherapy, Nutrition and Psychology.

Related internship programs:
- Advanced Clinical Podiatry



Hospital HM San Francisco

Country: Spain
City: León

Addresst: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
Update in Anesthesiology and Resuscitation
Trauma Nursing

Hospital HM Nou Delfos

Country
Spain

City
Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Aesthetic Medicine
- Clinical Nutrition in Medicine

Hospital HM Madrid

Country
Spain

City
Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Palliative Care
- Anaesthesiology and Resuscitation

Hospital HM Puerta del Sur

Country
Spain

City
Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Palliative Care
- Clinical Ophthalmology

Policlínico HM Cruz Verde

Country
Spain

City
Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry

Hospital HM Montepríncipe

Country
Spain

City
Madrid

Address: Av. de Montepríncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Palliative Care
- Aesthetic Medicine

Hospital HM Torrelodones

Country
Spain

City
Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Anaesthesiology and Resuscitation
- Palliative Care

Policlínico HM Moraleja

Country
Spain

City
Madrid

Address: P.º de Alcobendas, 10, 28109, Alcobendas, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Rehabilitation Medicine in Acquired Brain Injury Management

Policlínico HM Imi Toledo

Country
Spain

City
Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:
- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation

Medicine.

Neopod Clínica Podológica

Country
Spain

City
La Coruña

Address: Rúa Oidor Gregorio Tovar, 17, bajo izquierda, 15007 A Coruña

Clinic specialized in chiropodology and the study of the footprint.

Related internship programs:
- Advanced Clinical Podiatry

Medicine.

Clínica Foot and Body

Country
Spain

City
Madrid

Addresst: C. de Segovia, 69, local izquierda, 28005 Madrid, España

Foot and Body Clinic specialists in Podiatry, Aesthetic Medicine, Physiotherapy and Advanced Aesthetics.

Related internship programs:
Sports Physiotherapy
- Advanced Clinical Podiatry

09

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:

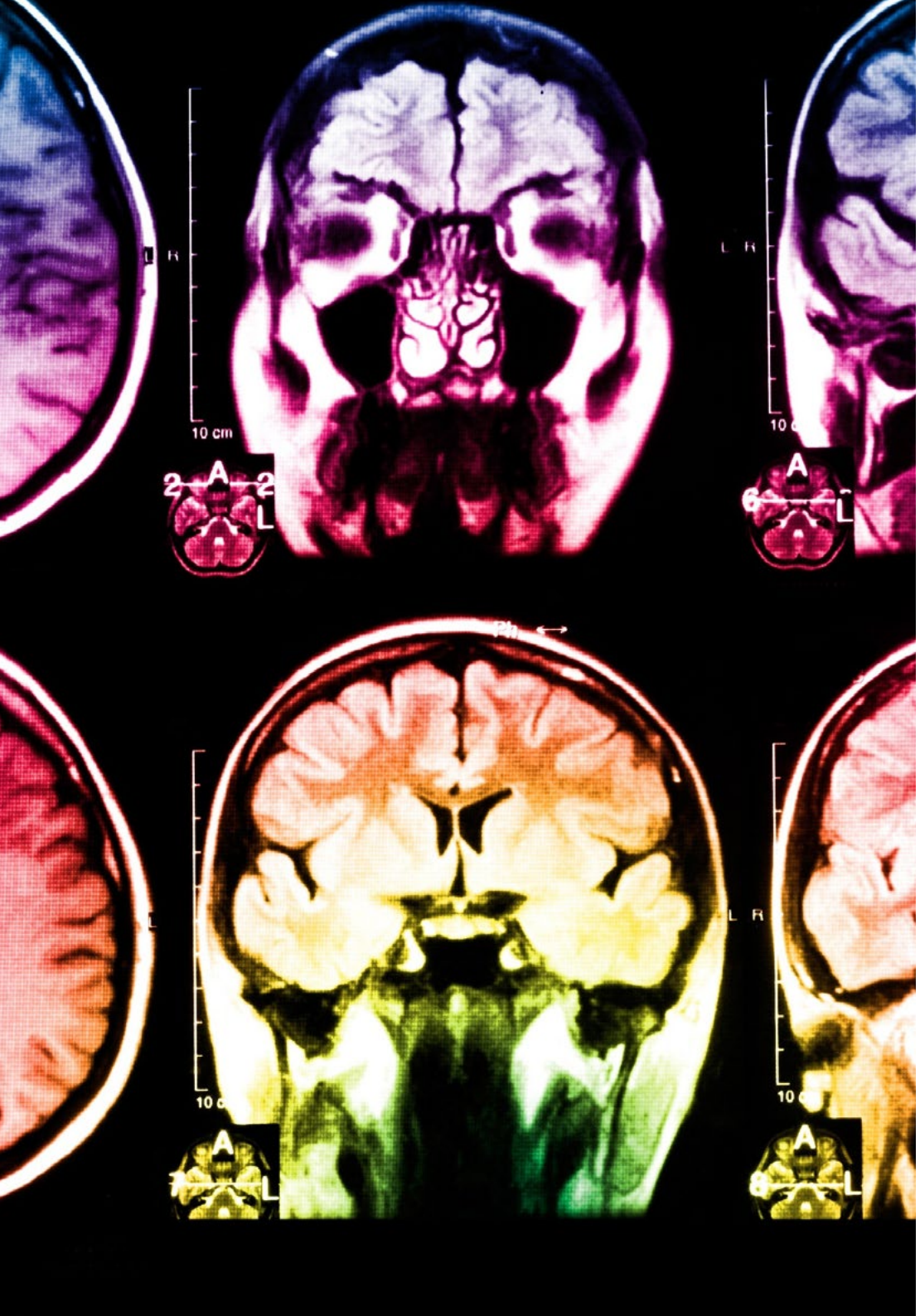
1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better 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 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.

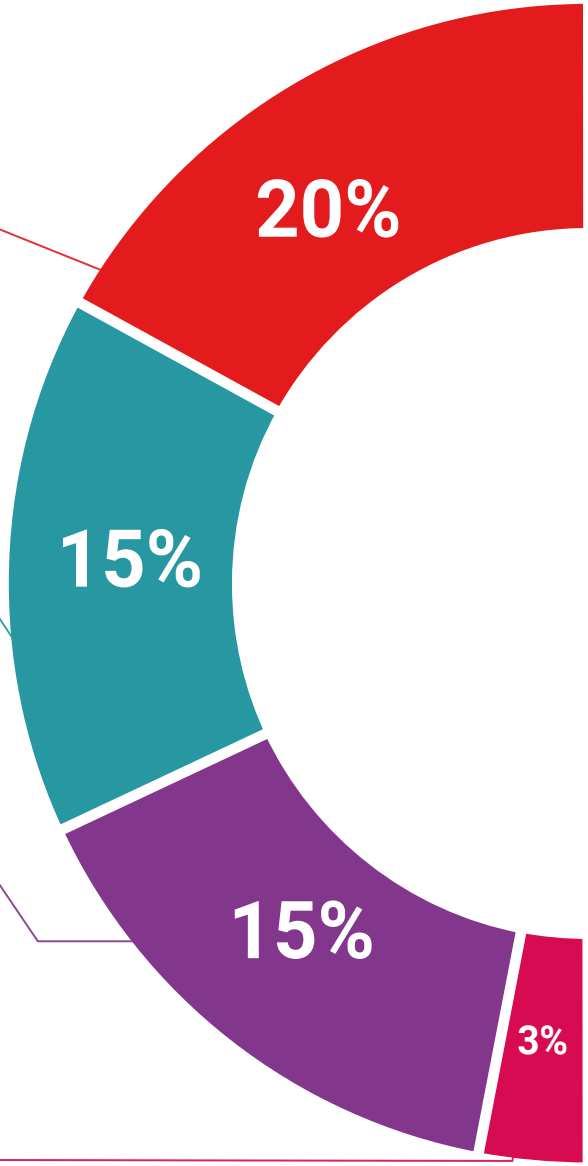
Interactive Summaries

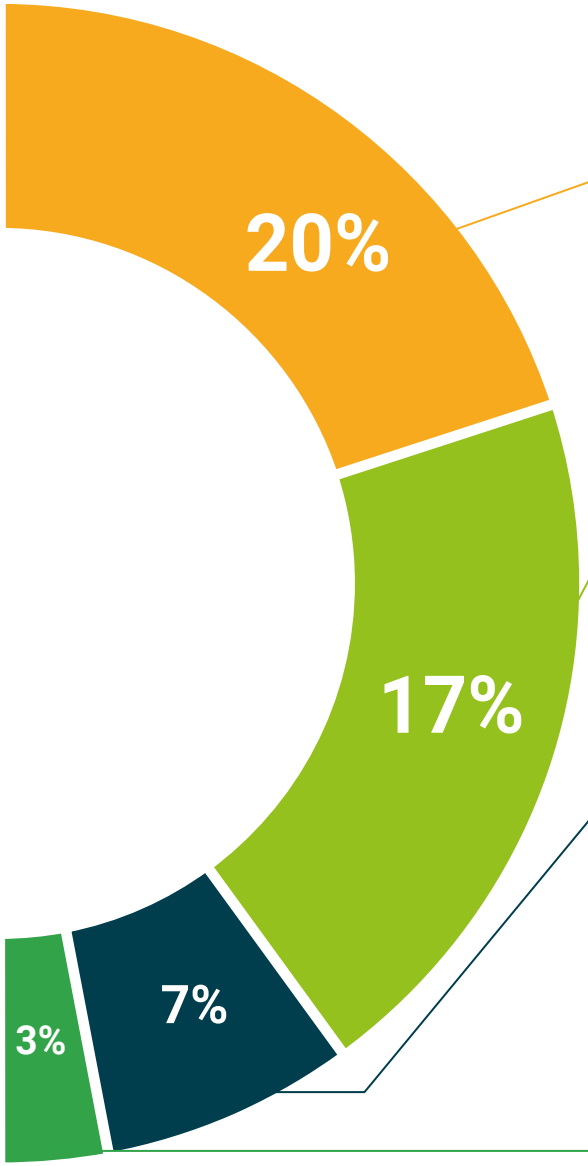
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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.

10

Certificate

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

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

This program will allow you to obtain your **Hybrid Master's Degree diploma 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 thhe 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** title 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: **Hybrid Master's Degree in Advanced Clinical Podiatry**

Course Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Global University**

Recognition: **60 + 5 ECTS Credits**


tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Hybrid Master's Degree in Advanced Clinical Podiatry

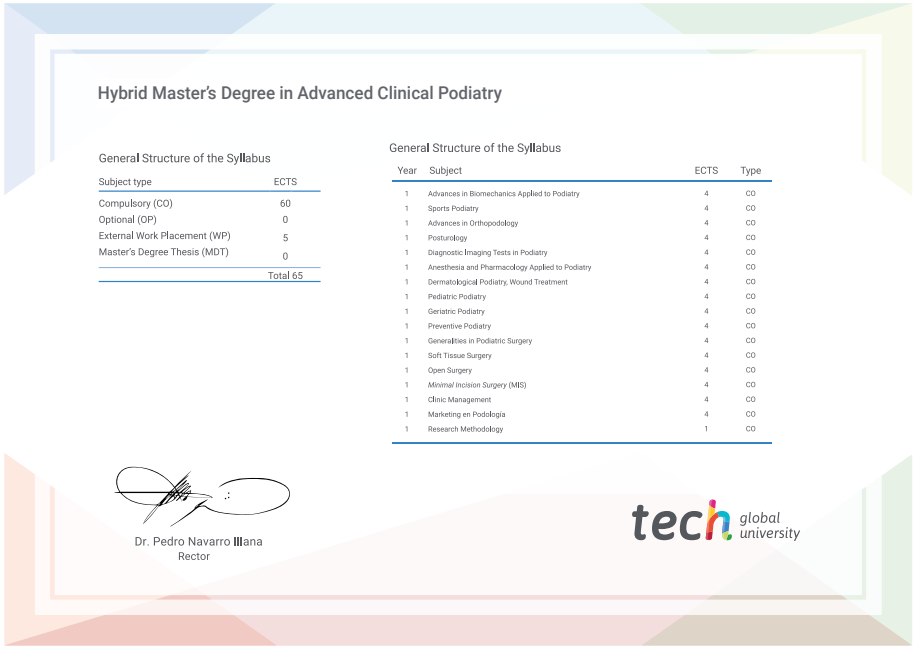
This is a program of 1,620 hours of duration equivalent to 65 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates


Hybrid Master's Degree in Advanced Clinical Podiatry

General Structure of the Syllabus

Subject type	ECTS
Compulsory (CO)	60
Optional (OP)	0
External Work Placement (WP)	5
Master's Degree Thesis (MDT)	0
	Total 65

General Structure of the Syllabus

Year	Subject	ECTS	Type
1	Advances in Biomechanics Applied to Podiatry	4	CO
1	Sports Podiatry	4	CO
1	Advances in Orthopodology	4	CO
1	Posturology	4	CO
1	Diagnostic Imaging Tests in Podiatry	4	CO
1	Anesthesia and Pharmacology Applied to Podiatry	4	CO
1	Dermatological Podiatry, Wound Treatment	4	CO
1	Pediatric Podiatry	4	CO
1	Geriatric Podiatry	4	CO
1	Preventive Podiatry	4	CO
1	Generalities in Podiatric Surgery	4	CO
1	Soft Tissue Surgery	4	CO
1	Open Surgery	4	CO
1	*Minimal Incision Surgery* (MIS)	4	CO
1	Clinic Management	4	CO
1	Marketing en Podologia	4	CO
1	Research Methodology	1	CO

Dr. Pedro Navarro Illana
Rector

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

tech global university

Hybrid Master's Degree

Advanced Clinical Podiatry

Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Global University**

60 + 5 créditos ECTS

Hybrid Master's Degree

Advanced Clinical Podiatry

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