Postgraduate Certificate
Foot and Ankle Arthroscopy

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Postgraduate Certificate

Foot and Ankle Arthroscopy

- Modality: **Online**
- Duration: **6 weeks**
- Certificate: **TECH Global University**
- Accreditation: **6 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/medicina/curso-universitario/artroscopia-pie-tobillo

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01

Introduction

Technological advances in instrumentation and surgical techniques for small joints have boosted the use of arthroscopy in foot and ankle surgery. As a result, in recent years, positive results have been obtained in the approach to certain pathologies, thanks to the use of this surgical technique. Its advantages and the reduction in the margin of complications have made many specialists bet on it and wish, in turn, to keep abreast of developments in this field. That is why TECH has created this 100% online qualification, which offers the specialist the most advanced multimedia content, developed by an expert teaching team with extensive experience in this area.

A 100% online Postgraduate Certificate that will bring you up to date on the latest scientific developments in Foot and Ankle Arthroscopy in just 6 weeks"

In recent decades there has been considerable progress in the use of minimally invasive techniques by foot and ankle specialists. Such progress is accompanied by technological innovations and refinement of technique. In this scenario, arthroscopy has become a preferred procedure for the treatment of certain pathologies.

As in the case of arthroscopic knee and shoulder surgery, there have been significant improvements in foot and ankle surgery, which have an impact on patient recovery. The benefits obtained and the reduction of skin and soft tissue complications have made this technique preferable over others. In this line, TECH has created this university qualification, which offers the specialist the latest information on Foot and Ankle Arthroscopy, through an expert teaching staff with extensive experience in reference hospitals.

A program that provides the most relevant information in this area through a theoretical and practical content. In this way, the professional will learn about the scope of this technique, the instruments used, the arthroscopic reconstruction of the lateral ligaments of the ankle, as well as the indications and contraindications in the use of this technique. For this purpose, this educational institution provides the student with multimedia teaching resources, essential readings and clinical case studies.

In addition, with the Relearning method, the professional will be able to advance in a natural way through the syllabus of this Postgraduate Certificate, reducing even the long hours of study and memorization, so frequent in other teaching systems.

The professional is therefore faced with an excellent opportunity to update their knowledge through a qualification that can be taken comfortably, whenever and wherever they wish. They only need an electronic device with an internet connection to be able to access, at any time, the syllabus hosted on the virtual platform. A flexible and ideal educational option for those who wish to balance the most demanding responsibilities with a high-level university program.

This **Postgraduate Certificate in Foot and Ankle Arthroscopy** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- The development of practical cases presented by experts in medicine.
- The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- Practical exercises where the self-assessment process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection work.
- Content that is accessible from any fixed or portable device with an Internet connection.

Detailed videos and case studies will give you a more practical insight into the latest techniques used in foot and ankle arthroscopy"

Delve at your convenience into the latest advances in the refinement of the tendoscopy technique"

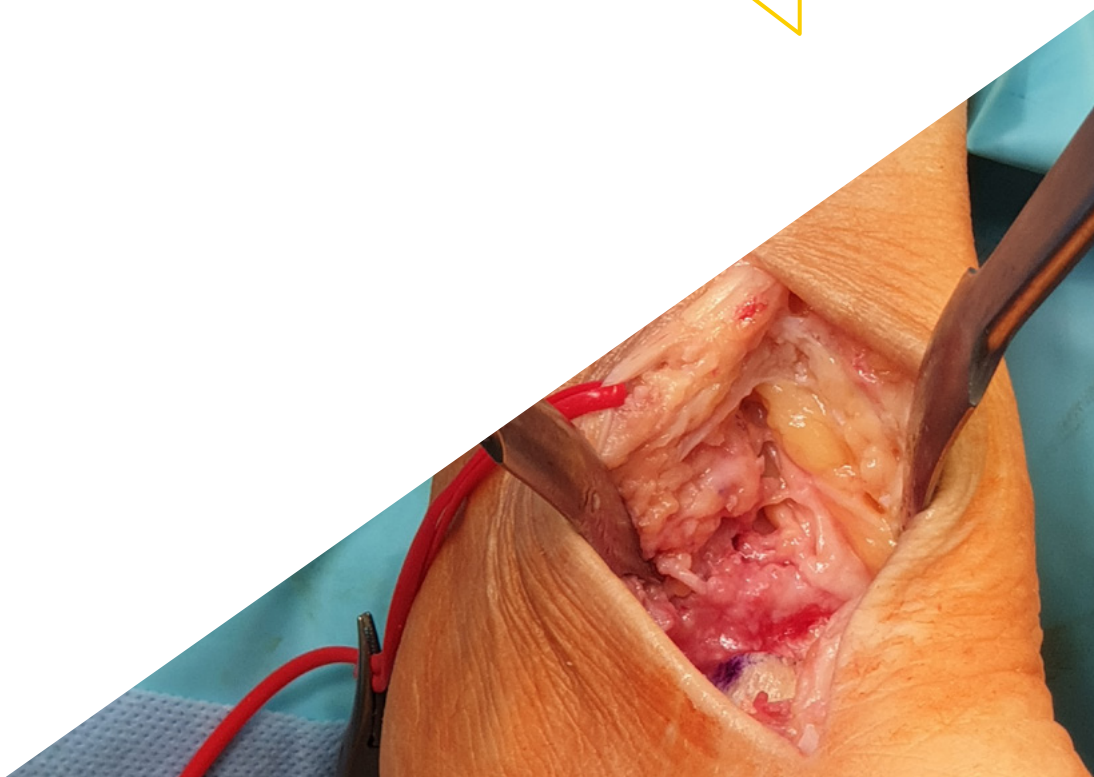
This is a flexible university qualification that is compatible with the most demanding professional responsibilities.

You will be able to reduce the hours of study and memorization thanks to the Relearning method, used by TECH.

The program includes, in its teaching staff, professionals from the sector who bring to this program their work experience, in addition to recognized specialists from prestigious reference societies and universities.

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

This program is designed around Problem-Based Learning, whereby the professional 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 and experienced experts.



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Objectives

The main objective of this Postgraduate Certificate is to provide specialists with the most advanced content on foot and ankle arthroscopy, as well as the latest developments in this procedure. For this, TECH provides the most innovative teaching tools, which will lead them to be up to date in the techniques and instrumentation most commonly used in small joints. In this process, they will also be accompanied by a specialized teaching team, with whom they will be able to successfully achieve their goals.

With this Postgraduate Certificate, TECH will enhance your skills to solve the most frequent complications in the use of subtalar arthroscopy"

General Objectives

- Approach hindfoot pathology in a comprehensive manner
- Assess, in the clinical history and physical examination, the main causes
- Compile the complementary tests and possible pre-treatment studies
- Develop treatment algorithms and description of current surgical techniques

This Postgraduate Certificate will allow you to be up to date on the main contraindications in the posterior arthroscopic approach to the ankle"

Specific Objectives

- Develop european and leading society guidelines and update literature and articles of interest
- Compile the topographic anatomy, as well as the osteoarticular anatomy for correct anamnesis
- Specify the surgical indications and their decision algorithm
- Establish contraindications as well as special situations
- Review the main approaches used in open surgery, as well as in minimally invasive surgery and hindfoot arthroscopy
- Develop the main surgical techniques, material used and "*tips & tricks*"
- Analyze the most frequent complications and how to avoid them

03

Course Management

In its maxim to offer a high level teaching, TECH rigorously selects the specialized teaching team that integrates each of its university qualifications. Therefore, the professional who enters this program will have at their disposal an excellent teaching staff with extensive experience in Foot and Ankle Surgery. In addition, thanks to their proximity, during the course of this qualification, they will be able to resolve any doubts that may arise regarding the syllabus of this Postgraduate Certificate.

Thanks to the extensive experience of the specialists who teach this qualification, you will obtain the latest information on the use of arthroscopy in Foot and Ankle"

International Guest Director

Awarded by the American Orthopedic Foot and Ankle Society for his innovative clinical treatments, Dr. John Kwon is a renowned surgeon highly specialized in the approach to traumatic injuries of the lower limbs. In this line, he has carried out his work in health institutions of international reference, including the Massachusetts General Hospital or the Mercy Medical Center in Baltimore.

In this way, he has contributed to the optimal recovery of numerous patients suffering from pathologies such as complex fractures in the tibioperoneoastotalar joint, cartilage disorders and even ligament ruptures due to sports accidents. It should be noted that he is an expert in the application of external fixation techniques, which has allowed him to offer users comprehensive and personalized treatments to optimize their quality of life significantly.

On the other hand, he has balanced this work with his facet as a researcher. In this regard, he has published scientific articles in specialized medical journals on subjects such as the most sophisticated surgical procedures for the correction of deformities such as bunions, therapeutic methods for the management of bone infections or application of ultrasound processes to guide a wide range of interventions ranging from plantar fasciitis to retrocalcaneal bursitis.

In his unwavering commitment to medical excellence, he participates as a speaker at multiple conferences on a global scale. As such, he shares with the global medical community both his findings and his extensive work experience. This has led to significant advances in the healthcare field, greatly increasing practitioners' knowledge of cutting-edge therapies to effectively treat foot and ankle problems. Thanks to this, professionals have improved their care for users, while at the same time optimizing their results considerably.

Dr. Know, Jhon

- Head of the Foot and Ankle Service at Massachusetts General Hospital, United States
- Orthopedic Foot and Ankle Surgeon at Mercy Medical Center of Baltimore
- Chief Clinical Officer at Israel Deaconess Medical Center of Boston
- Combined Orthopedic Residency at Massachusetts General Hospital,
- Brighman Hospital and Boston Children's Hospital
- Internship in Internal Medicine at McGaw Medical Center of Northwestern University
- B.S. in Medical Sciences from New York Medical College
- B.S. in Biology from Wesleyan University

Thanks to TECH, you will be able to learn with the best professionals in the world"

Management

Dr. Pacheco Gutiérrez, Victor Alexander

- Surgeon Specialist in Orthopedics and Sports Medicine at the Dr. Sulaiman Al Habib Hospital in Dubai
- Medical advisor for baseball, boxing and cycling teams
- Specialty in Orthopedics and Traumatology
- Degree in Medicine
- Sports Medicine Fellowship in Sportsmed
- Member of the American Academy of Orthopedic Surgeons

Professors

Dr. Mauro Reyes, José Francisco

- Medical Specialist in Traumatology and Orthopedics
- Graduate in Medicine and Surgery
- Specialty in Traumatology and Orthopedics
- Fellowship in Reconstructive Foot and Ankle Surgery
- Fellowship in Foot and Ankle Surgery in several international hospitals

Dr. Fernández Pontillo, Amílcar Vicente

- Orthopedic Surgeon and Traumatologist at the VIC University Hospital
- Doctor at Mutua Asepeyo
- Assistant Physician for Orthopedic Surgery and Traumatology at the Hospital Comarcal of Blanes
- Assistant Physician at the Emergency Department of the Hospital Comarcal de Calella
- Specialist in Traumatology and Orthopedics at La Isabelica Clinical Center and Metropolitan Hospital of Northern Venezuela.
- Traumatology Surgeon at Angel Larralde University Hospital, Venezuela Rural Physician at INSALUD Urban Outpatient Clinic
- Graduate of Medicine at the University of Carabobo
- Member of: Editorial Committee of the Journal of Bone Biology and Osteoporosis (JBBO), Spanish Society of Orthopedic Surgery and Traumatology, Venezuelan Society of Traumatology and Orthopedics

04

Structure and Content

The syllabus of this Postgraduate Certificate provides professionals with the necessary pedagogical tools to be able to obtain an advanced update on Foot and Ankle Arthroscopy. This will allow them to be aware of the arthroscopic posterior approach to the ankle, the anterior impingement or the procedure performed in the first metatarsophalangeal joint. In addition, thanks to the *Relearning* method, the specialist will be able to progress through the course in a more natural and progressive way, even reducing the long hours of study.

Thanks to this university qualification you will be able to delve into the advances in Foot and Ankle Arthroscopy with multimedia resources"

Module 1. Foot and Ankle Arthroscopy

1.1. Arthroscopy
- 1.1.1. The Endoscope. Components
- 1.1.2. Instruments for Foot and Ankle Arthroscopy
- 1.1.3. The Operating Room for Foot and Ankle Arthroscopy

1.2. Patient Positioning on the Operating Table
- 1.2.1. Articular Distractors for Ankle Arthroscopy
- 1.2.2. Posterior Ankle Arthroscopy
- 1.2.3. Anterior Ankle Arthroscopy
- 1.2.4. Subtalar Arthroscopy

1.3. Arthroscopic Posterior Approach to the Ankle
- 1.3.1. Arthroscopic Anatomy
- 1.3.2. Indications
- 1.3.3. Contraindications
- 1.3.4. Surgical Technique
- 1.3.5. Complications
- 1.3.6. Post-Operative Care

1.4. Anterior Ankle Impingement
- 1.4.1. Arthroscopic Anatomy
- 1.4.2. Indications
- 1.4.3. Contraindications
- 1.4.4. Surgical Technique
- 1.4.5. Complications
- 1.4.6. Post-Operative Care

1.5. Posterior Ankle Impingement
- 1.5.1. Arthroscopic Anatomy
- 1.5.2. Indications
- 1.5.3. Contraindications
- 1.5.4. Surgical Technique
- 1.5.5. Complications
- 1.5.6. Post-Operative Care

1.6. Arthroscopy of the First Metatarsophalangeal Joint
- 1.6.1. Anatomy
- 1.6.2. Literature Review
- 1.6.3. Indications
- 1.6.4. Contraindications
- 1.6.5. Scope of the Technique

1.7. Subtalar Arthroscopy
- 1.7.1. Arthroscopic Anatomy
- 1.7.2. Indications
- 1.7.3. Contraindications
- 1.7.4. Surgical Technique
- 1.7.5. Complications
- 1.7.6. Post-Operative Care

1.8. Tendoscopy
- 1.8.1. Anatomy
- 1.8.2. Indications
- 1.8.3. Contraindications
- 1.8.4. Preoperative Planning
- 1.8.5. Surgical Technique
- 1.8.6. Complications

1.9. Arthroscopic Reconstruction of Lateral Ankle Ligaments
- 1.9.1. Anatomy
- 1.9.2. Indications
- 1.9.3. Contraindications
- 1.9.4. Preoperative Planning
- 1.9.5. Surgical Technique
- 1.9.6. Complications

1.10. Arthroscopically Assisted Fractures
- 1.10.1. Indications
- 1.10.2. Contraindications
- 1.10.3. Preoperative Planning
- 1.10.4. Complications
- 1.10.5. Post-Operative Treatment

05

Methodology

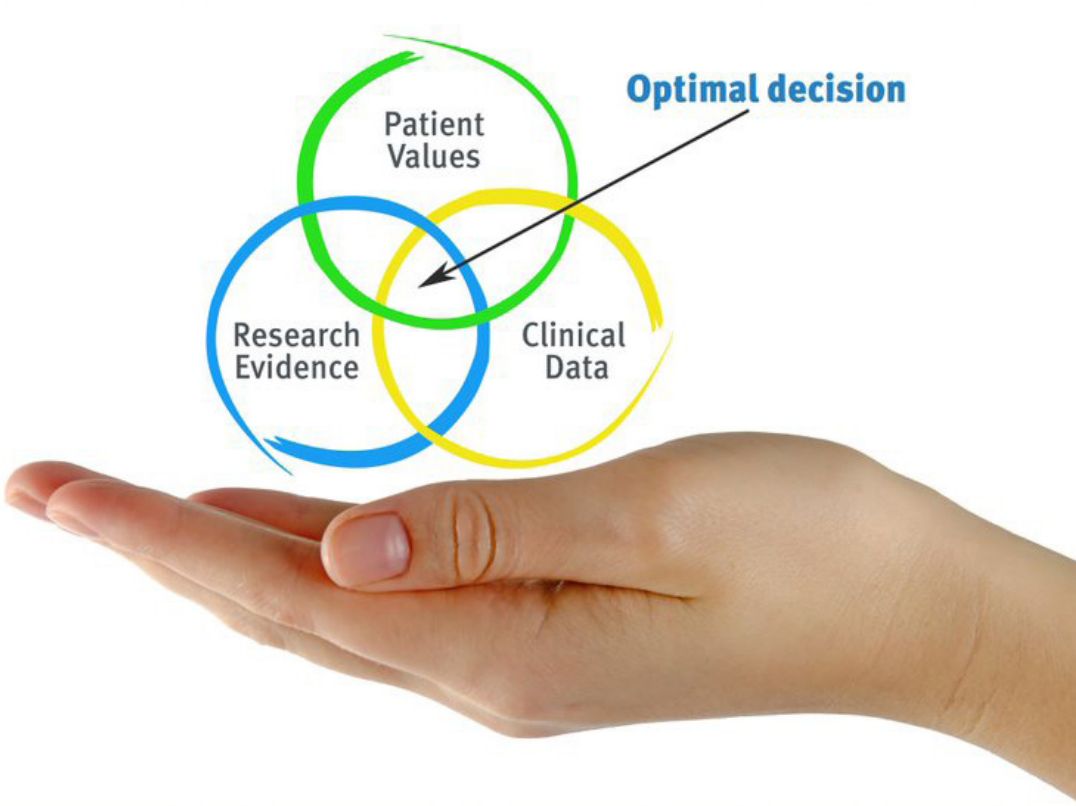
This program offers students a different way of learning. Our methodology uses a cyclical learning approach: Relearning.
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the New England Journal of Medicine have considered 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:

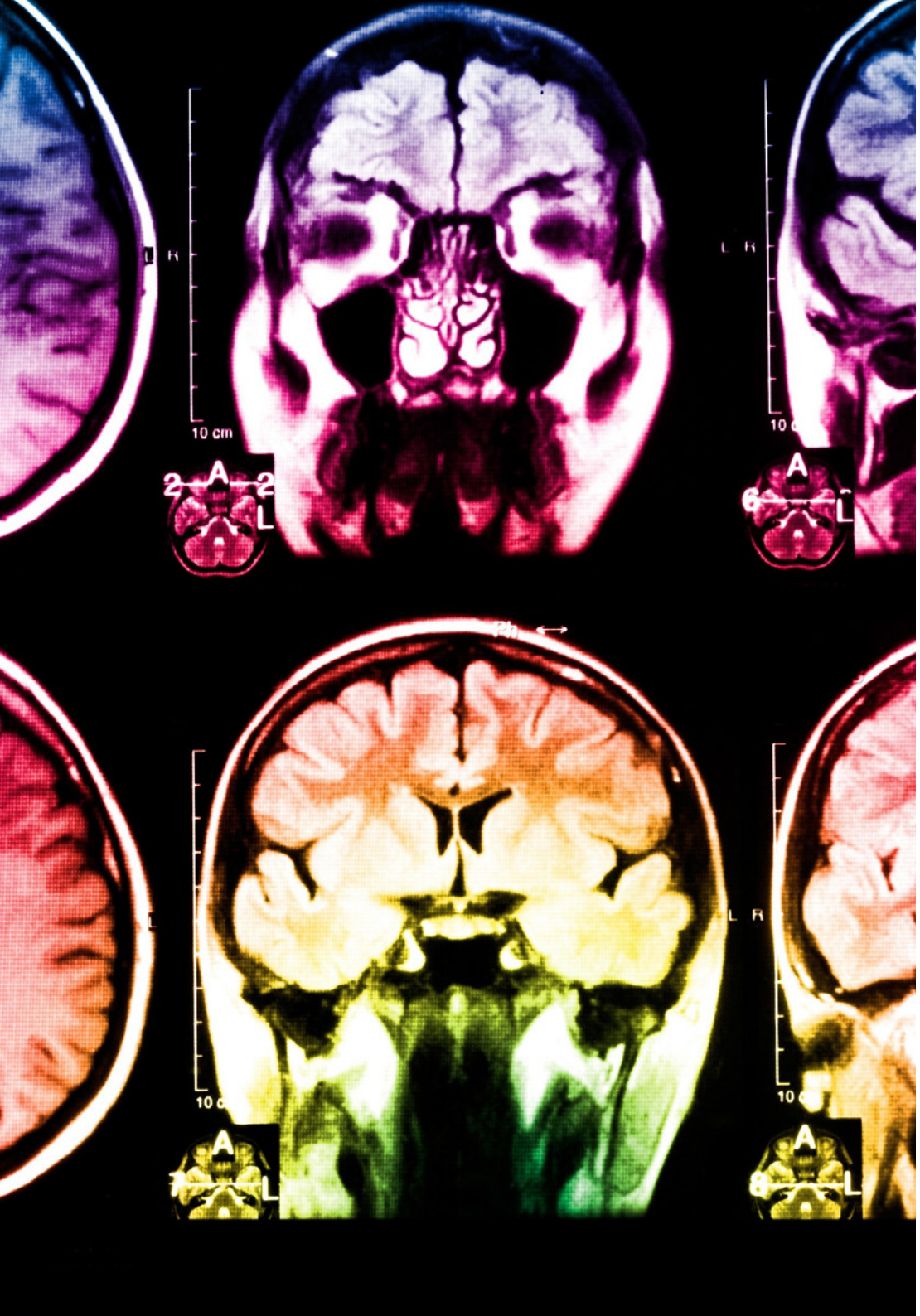
1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate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

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

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 prepared with unprecedented success in all clinical specialties regardless of surgical load. Our educational 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 adapted in 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.

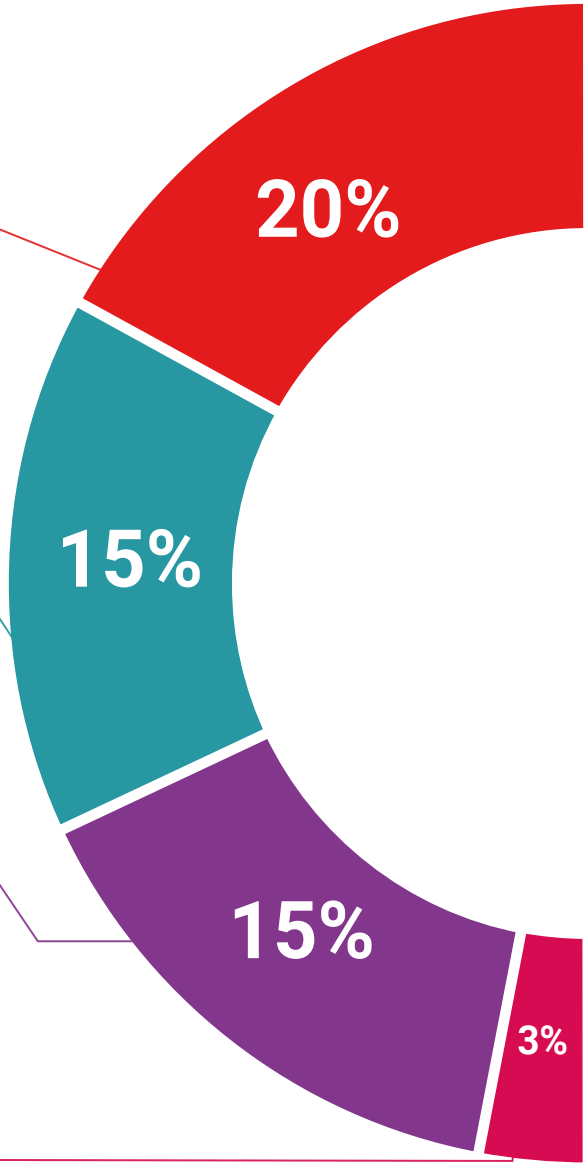
Interactive Summaries

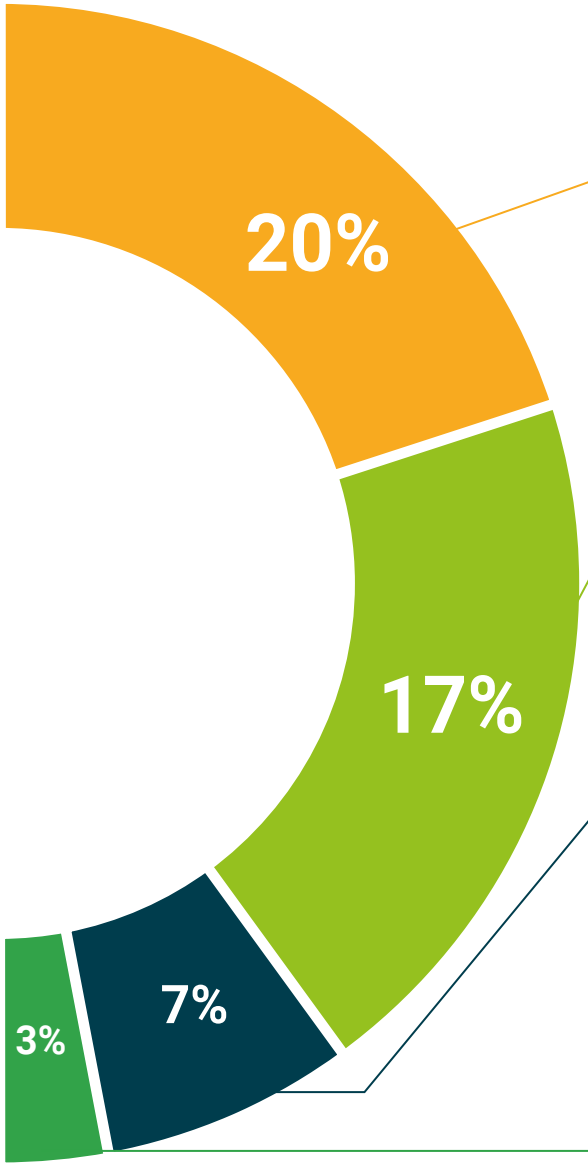
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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

Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

Quick Action Guides

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

06

Certificate

The Postgraduate Certificate in Foot and Ankle Arthroscopy guarantees, in addition to the most accurate and up-to-date knowledge, access to a Postgraduate Certificate issued by TECH Global 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 **Postgraduate Certificate in Foot and Ankle Arthroscopy** 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: **Postgraduate Certificate in Foot and Ankle Arthroscopy**

ECTS: **6**

Official Nº of Hours: **150 hours.**


tech global university

D/Dña _____, con documento de identificación _____ ha superado con éxito y obtenido el título de:

Curso Universitario en Artroscopia de Pie y Tobillo

Se trata de un título propio de 150 horas de duración equivalente a 6 ECTS, con fecha de inicio dd/mm/aaaa y fecha de finalización dd/mm/aaaa.

TECH Global University es una universidad reconocida oficialmente por el Gobierno de Andorra el 31 de enero de 2024, que pertenece al Espacio Europeo de Educación Superior (EEES).

En Andorra la Vella, a 28 de febrero de 2024

Dr. Pedro Navarro Illana
Rector

Este título propio se deberá acompañar siempre del título universitario habilitante expedido por la autoridad competente para ejercer profesionalmente en cada país. código único TECH: AFWOR23S techtitute.com/titulos

*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.

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