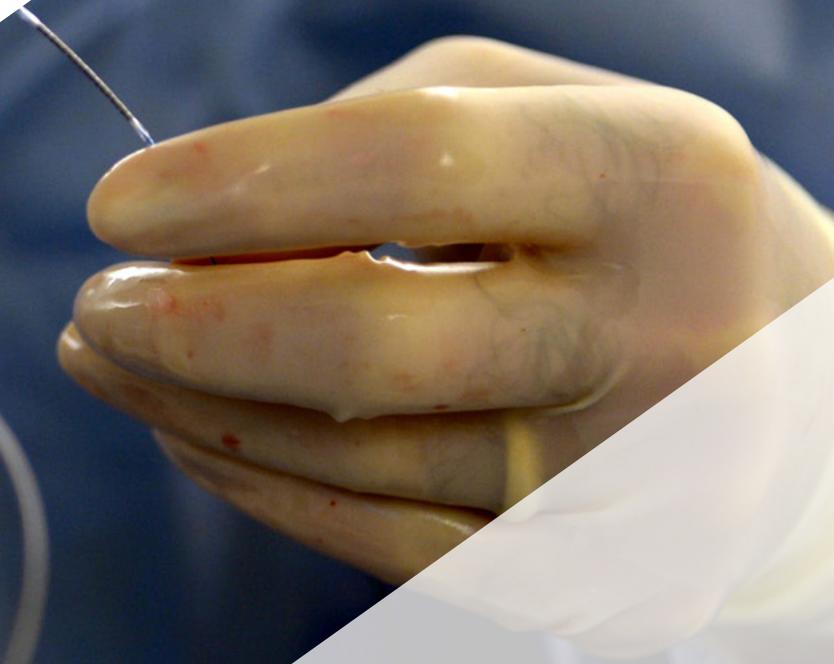


Postgraduate Certificate

Embolotherapy in Interventional Radiology





Postgraduate Certificate Embolotherapy in Interventional Radiology

- » Modality: online
- » Duration: 10 weeks
- » Certificate: TECH Global University
- » Credits: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-certificate/embolotherapy-interventional-radiology

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Structure and Content

p. 12

04

Methodology

p. 16

05

Certificate

p. 24

01

Introduction

Embolotherapy procedures using radiological techniques have evolved rapidly in recent years due to the development of new technologies and the development of specialists' skills. Knowledge of these advances and their implementation in the diagnostic and therapeutic process, make it essential for the physician to be constantly updated in order to be able to carry out quality clinical practice.





“

New scenarios in today's radiology drive us to propose new training programs that meet the real needs of experienced professionals, so that they can incorporate new advances in Embolotherapy in Interventional Radiology procedures into their daily practice"

Embolotherapy in Interventional Radiology is one of the disciplines that has evolved the most in recent years thanks to technological advances, the development of techniques and new materials for use.

This course aims to update the specialist physician in the latest techniques for embolization in various areas of the vascular tree, highlighting in particular the criteria and key points of the different procedures, to avoid complications and improve the patient's prognosis.

This program is aimed at providing the professional with the latest techniques for performing embolotherapy in interventional radiology, in a practical way through the latest educational technology.

This **Postgraduate Certificate in Embolotherapy in Interventional Radiology** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Clinical cases presented by specialists in radiodiagnostics and other specialties. The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Real high-resolution images of embolization techniques in interventional radiology
- ♦ Algorithm-based interactive learning system for decision-making in the presented clinical situations
- ♦ 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



You will be able to learn, through the latest educational technology, the latest advances in Embolotherapy in Interventional Radiology”

“

This Postgraduate Certificate may be the best investment you can make when choosing a refresher program for two reasons: in addition to updating your knowledge in Embolotherapy in Interventional Radiology, you will obtain a certificate from TECH Technological University”

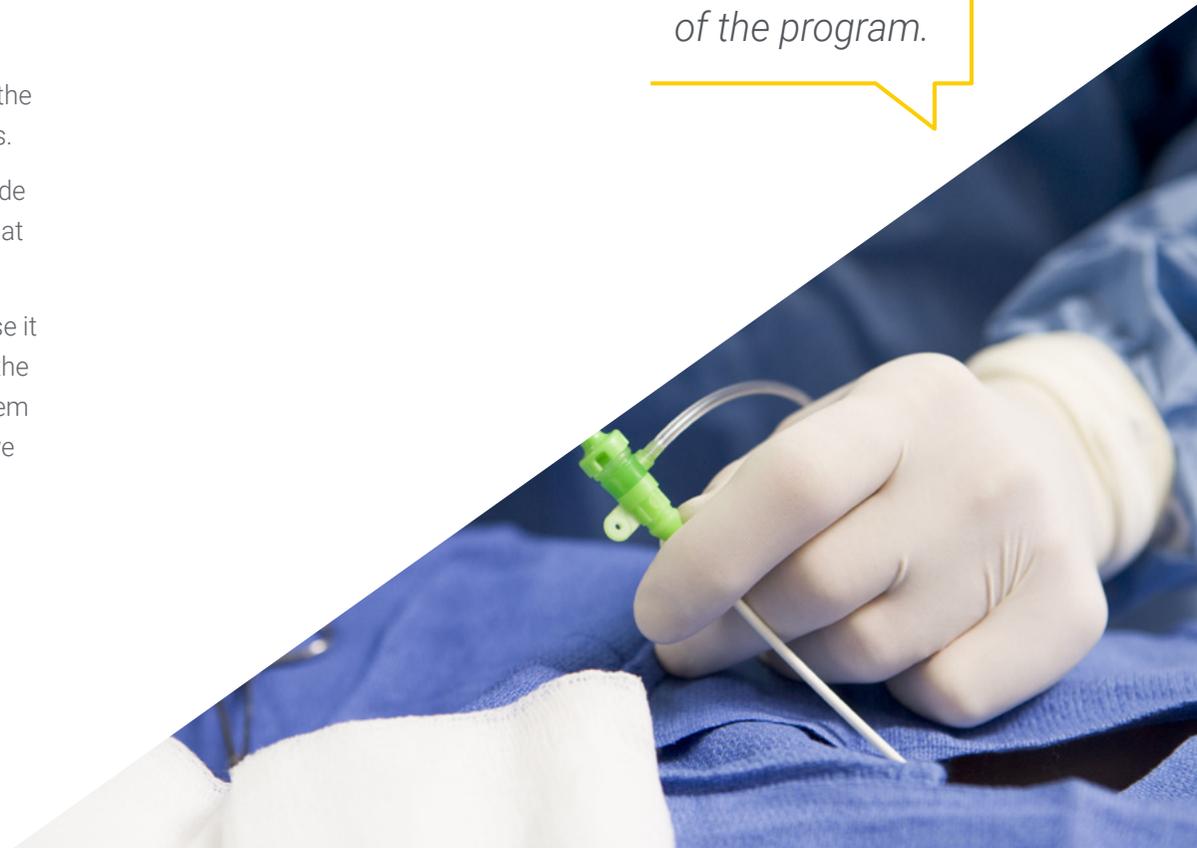
Its teaching staff includes a team of leading radiologists, who bring to this training the experience of their work, in addition to recognized specialists in other medical fields.

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

Problem-Based Learning underpins this program design, and the specialist must use it to try and solve the different professional practice situations that arise throughout the course. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of radiology with extensive teaching experience.

Incorporate the latest developments in Embolotherapy in Interventional Radiology into your medical practice and improve your patients prognosis.

It includes clinical cases and real images in high definition to bring clinical practice as close as possible to the development of the program.



02 Objectives

The main objective is aimed at allowing the incorporation of the developments that are taking place in the approach to embolization techniques, ensuring that the specialist can update their knowledge in a practical way, with the latest educational technology and adapting the educational process to their real needs.





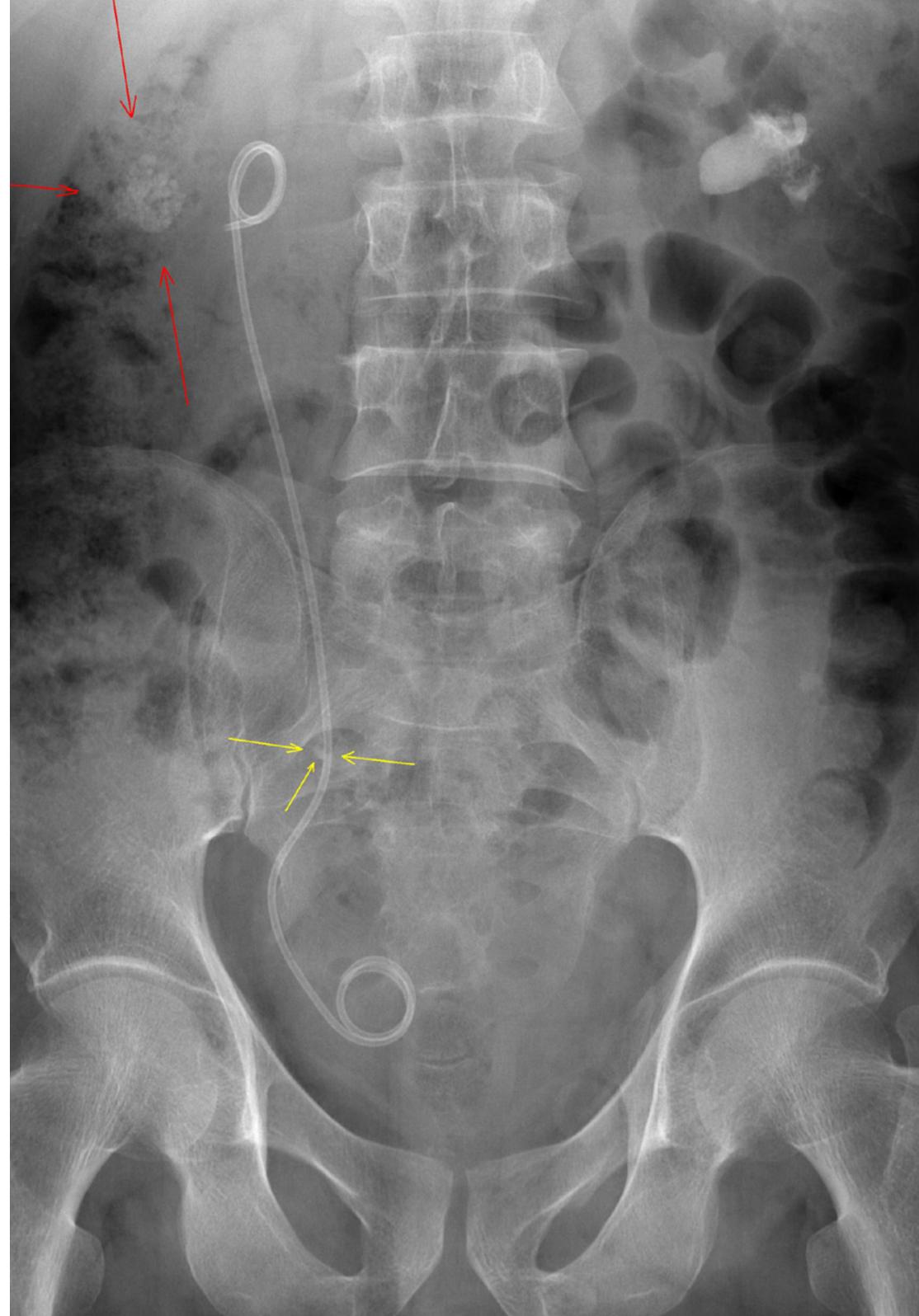
“

This refresher program will provide skills to act with confidence in decision making during the diagnostic process, and help you grow professionally”



General Objective

- Update the specialist physician in the latest procedures of vascular embolization increase the quality of their daily medical practice and improve the patient's prognosis



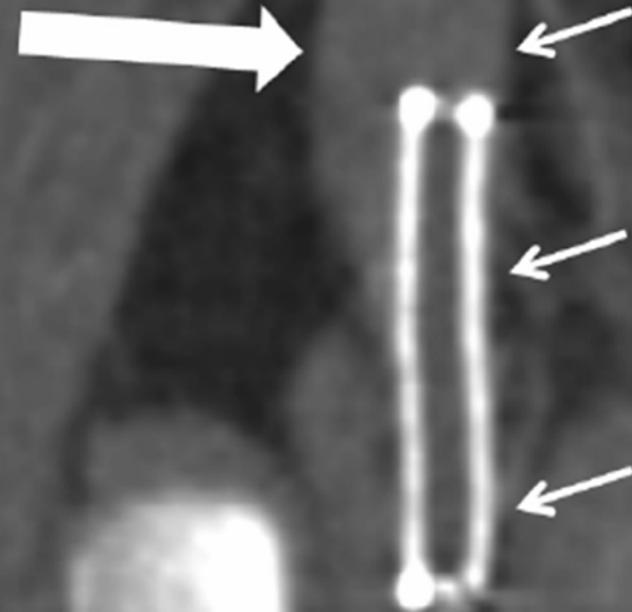


Specific Objectives

- Update noninvasive diagnostic procedures for the detection of arterial and venous bleeding
- Increase knowledge of non-invasive diagnostic techniques in the study of vascular malformations
- Recognize and apply the indications for treatment by embolotherapy in the different vascular territories and clinical scenarios
- Review the latest endovascular image-guided embolotherapy techniques
- Describe the treatment of emergencies in embolotherapy

B

Objectives | 11 **tech**



03

Structure and Content

The structure of the curriculum has been designed by a team of professionals with knowledge of the implications of medical training in the approach to vascular embolization procedures, aware of the relevance of current training and committed to quality teaching through new educational technologies.





“

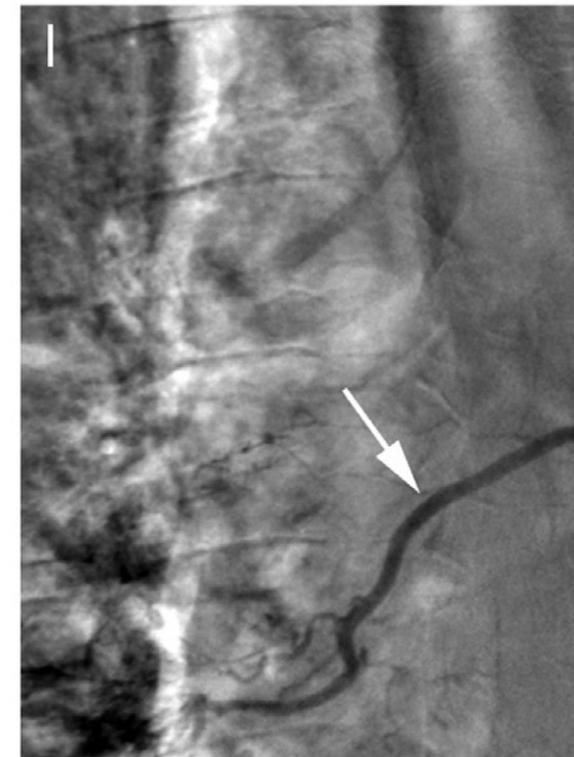
This Postgraduate Certificate in Embolotherapy in Interventional Radiology contains the most complete and up-to-date scientific program on the market”

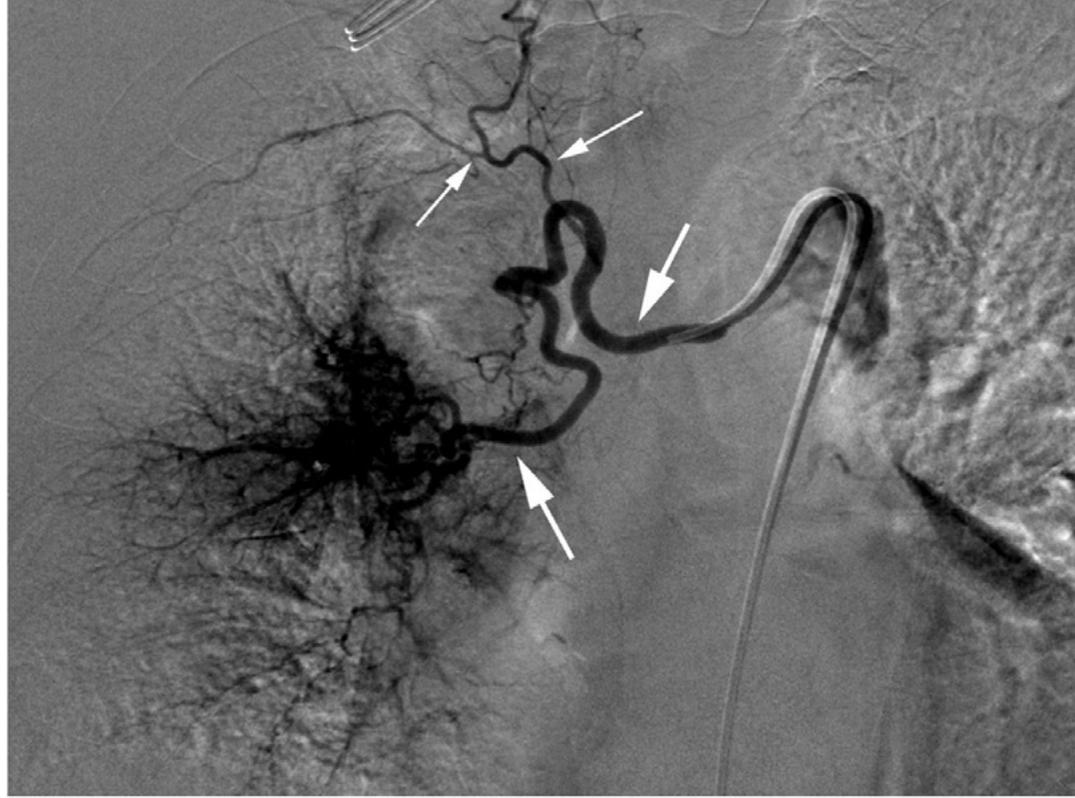
Module 1. Basis of Intervention Procedures

- 1.1. Radiological Protection in Interventional Procedures
- 1.2. Arterial and Venous Puncture for Interventional Access. Seldinger and Trocar Technique
- 1.3. Ultrasound Puncture for Vascular Access
- 1.4. Compression of Puncture Sites and Care

Module 2. Embolotherapy

- 2.1. Upper and Lower Gastrointestinal Bleeding
- 2.2. Renal Embolization
- 2.3. Embolization in Trauma
- 2.4. Prostatic Embolization
- 2.5. Uterine Embolization
- 2.6. Portal Embolization
- 2.7. Hepatic Chemoembolization
- 2.8. Hepatic Debi





“

*A unique, key, and decisive
Training experience to boost your
professional development”*



04

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

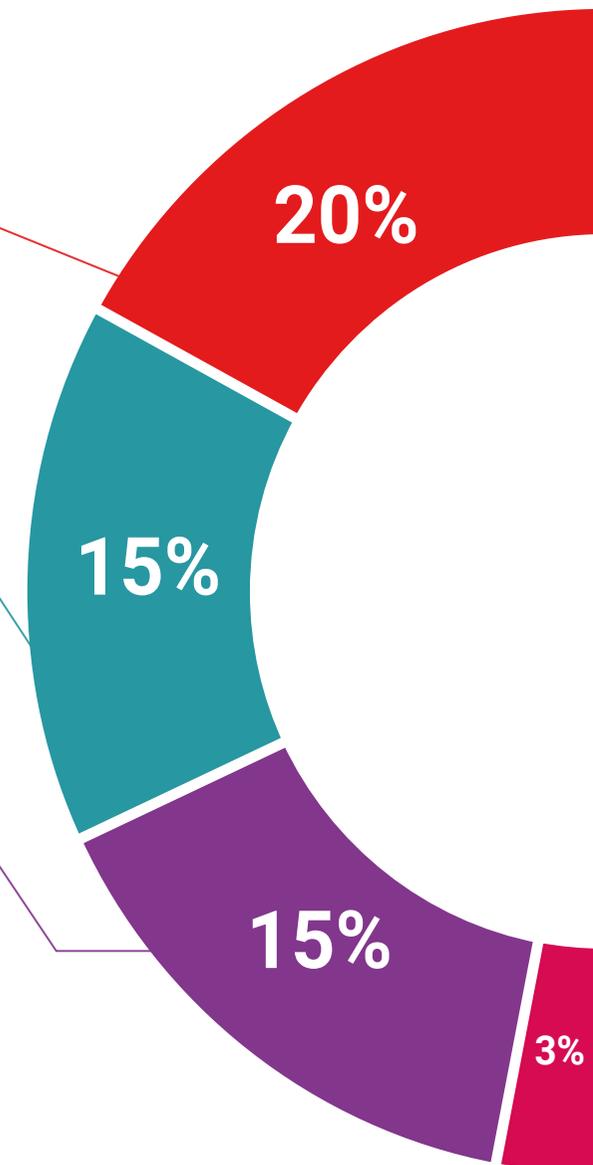
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

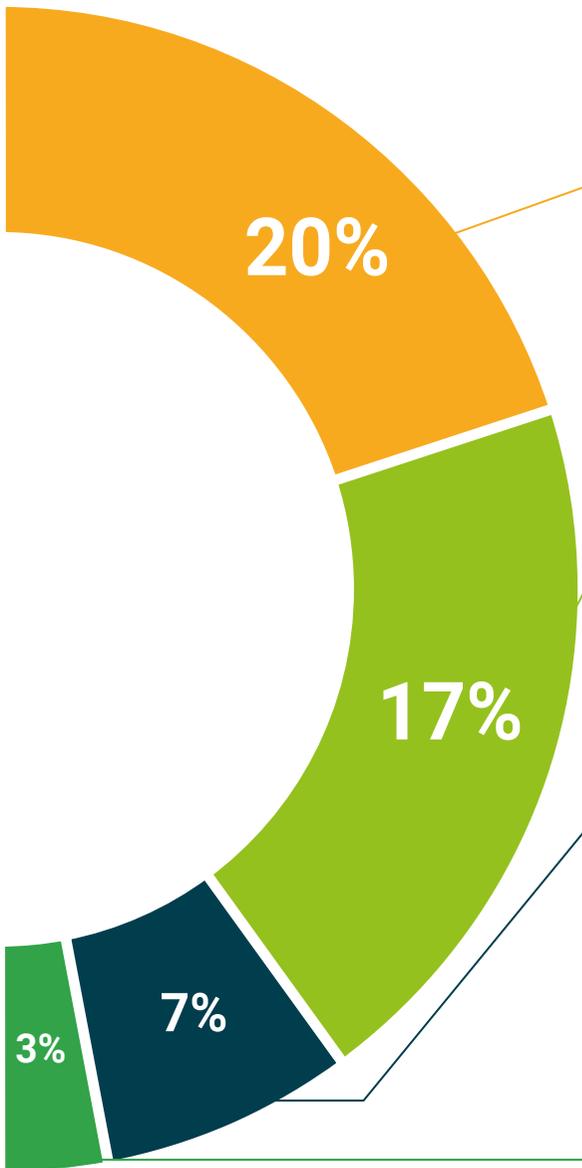
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.



05 Certificate

The Postgraduate Certificate in Embolotherapy in Interventional Radiology guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





“

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

This private qualification will allow you to obtain a **Postgraduate Certificate in Embolotherapy in Interventional Radiology** 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: **Posgraduate Certificate in Embolotherapy in Interventional Radiology**

Modality: **online**

Duration: **10 weeks**

Accreditation: **5 ECTS**



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



Postgraduate Certificate Embolotherapy in Interventional Radiology

- › Modality: online
- › Duration: 10 weeks
- › Certificate: TECH Global University
- › Credits: 5 ECTS
- › Schedule: at your own pace
- › Exams: online

Postgraduate Certificate

Embolotherapy in Interventional Radiology

