

Postgraduate Certificate Gastroenteroanastomosis in the EUS-Guided Oncologic Patient



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- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: www.techtitute.com/medicine/postgraduate-certificate/gastroenteroanastomosis-eus-guided-oncologic-patient

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01

Introduction

Updating diagnostic techniques in the approach to oncologic pathologies is essential to maintain good professional practice, as continuous research and findings force the specialist to keep abreast of the most urgent developments. Due to their relevance, echoendoscopies and ERCP should be a top priority for the specialist who wants to review the latest scientific evidence on the subject. For this same reason, TECH has prepared this program, counting on the best professionals of the digestive system for the elaboration of the same.





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Update your knowledge in the use of the different types of probes in echoendoscopy, both radial and linear and mini probes”

Given the complications that the use of ERCP often entails in certain patients, it is urgent for the specialist to have the latest scientific developments in this regard, in order to remain at the forefront of health care by offering the best possible care.

The specialists brought together by TECH for the development of this Postgraduate Certificate have extensive experience in techniques such as ampulectomy, gastroenteroanastomosis and FNA, so they have enriched the theoretical material of great actuality with numerous practical examples and real clinical cases.

This serves to promote the student's own deepening and modernization in the different endoscopic techniques, in a contextual and agile way, facilitating much more the work of study. In addition, TECH is aware that the specialist has very little time outside their working day, so it has adapted the program in a completely online format.

This allows you to choose the best time to take on the entire teaching load, as the theoretical contents and audiovisual material are available 24 hours a day from any device with an internet connection. All in all, the unique flexibility of this program respects the student's professional and working life, without requiring a large investment of time or effort to obtain the degree.

This **Postgraduate Certificate in Gastroenteroanastomosis in the EUS-Guided Oncologic Patient** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ The development of case studies presented by experts in Oncologic Endoscopy
- ♦ 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
- ♦ 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



Renew your understanding of the cannulae, sphincterotomes and balloons used during ERCP through high quality educational material"

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You need the knowledge from this program to stay at the forefront of oncology diagnostics. Enroll now and start updating your expertise in oncologic endoscopies”

The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious 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 training programmed to train 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

A high-quality teaching staff will provide you with the most academically valuable material in endoscopy and ERCP, backed by vast international experience.

You will modernize all your ERCP techniques, including Rendez Vous, cytology and biopsy, among others.



02

Objectives

Given that these are the most prevailing diagnostic techniques for specialists of various branches, the objective of this Postgraduate Certificate is to provide the most updated and modern knowledge of the academic panorama in the use of echoendoscopy and ERCP. For this purpose, the latest scientific postulates have been used, including the most relevant indications and contraindications in patients with post-surgical anatomical alterations.





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You will achieve your professional goal of staying at the forefront of healthcare thanks to the enormous professionalism of all TECH's technical and teaching staff"



General Objectives

- ◆ Develop the medical professional about endoscopic techniques of gastrointestinal tumor pathology related to diagnosis, treatment and complications in order to improve the quality of patient care
- ◆ Deepen the knowledge of the most commonly used endoscopic techniques in oncologic pathology in order to optimize their use in routine clinical practice

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You are choosing a program that respects your demanding pace of life, because you will be the one who chooses when and where to study, without classes or schedules”





Specific Objectives

- ◆ Deepen in the techniques of echoendoscopy and ERCP as well as the necessary material to develop the procedures in the oncological field
- ◆ Manage the development of an Ampulectomy having clear indications and contraindications of the technique
- ◆ Internalize different techniques performed by echoendoscopy that can improve the quality of life of the oncologic patient, such as celiac plexus neurolysis

03

Course Management

TECH's innovative academic pedagogy attracts the best professionals and teachers in the educational landscape, so the specialist will find a reputable faculty with experience in the use of endoscopy and ERCP to address pathologies of all types. The commitment of TECH teachers is to ensure that the specialist completes the degree with the most complete and comprehensive update possible in the use of these indispensable tools in daily work.





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You will have a personalized orientation with teachers who will guide you at all times with material and practical examples of each of the issues”

Management



Dr. Honrubia López, Raúl

- Digestive System Specialist at the Infanta Sofia University Hospital
- Resident intern at University Hospital La Paz
- Degree in Medicine and Surgery from the University of Alcalá de Henares
- PhD in Medicine and Surgery from the Autonomous University of Madrid
- Stay at the Cancer Center, Keio University School of Medicine in Japan



Dr. Bustamante Robles, Katherine Yelenia

- Medical specialist at Hermanas Hospitalarias de San Rafael Hospital
- Digestive System Specialist at the University Hospital La Paz
- Specialized training in echoendoscopy at the Hospital Clinic of Barcelona



Professors

Dr. Torres Vargas, Nurka Cristina

- ◆ Medical specialist in the Digestive System Service of the Hospital Can Misses
- ◆ Specialist in the Digestive System Service at Policlínica Nuestra Señora del Rosario
- ◆ Undergraduate Degree in Medicine and Surgery at the Peruvian University Cayetano Heredia
- ◆ Postgraduate course in Digestive System at the San Millán-San Pedro de Logroño Hospital Complex

Dr. Marín Serrano, Eva

- ◆ Digestive System Specialist at the La Paz University Hospital
- ◆ President of the Spanish Association of Digestive Ultrasound
- ◆ Secretary of the Spanish Federation of Ultrasound Societies in Medicine and Biology
- ◆ Degree in Medicine and Surgery from the University of Granada
- ◆ Digestive System Specialist at the University Hospital La Paz
- ◆ Doctor of Medicine Cum Laude from the University of Cadiz
- ◆ Master's Degree in Clinical Management, Medical and Healthcare Management, CEU Cardenal Herrera University

Dr. Chavarría Herbozo, Carlos

- ◆ Digestive System Specialist at the Rey Juan Carlos University Hospital
- ◆ Specialist physician at the Río Hortega University Hospital
- ◆ Undergraduate Degree in Medicine and Surgery at the Peruvian University Cayetano Heredia
- ◆ Doctorate in Medicine from the Autonomous University of Madrid.
- ◆ Master's Degree in Advanced Digestive Endoscopy from the University Catholic of Murcia
- ◆ University Expert in Emergencies and Emergencies in Gastroenterology and Hepatology at the Distance University of Madrid

04

Structure and Content

In order to guarantee the maximum quality of its contents, TECH has structured this program in a clear and concise manner, making it as easy as possible for the specialist to understand the most complex topics and subtopics. Using Relearning, a pioneering methodology in the academic field, the specialist updates all his knowledge in the use of echoendoscopy and ERCP in a natural and progressive way.





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Register for this program to get access to the most important practical and theoretical scientific news, including a topic dedicated to the complications and management of endoscopic ultrasonography and ERCP”

Module 1. Echoendoscopy and ERCP

- 1.1. Types of Echoendoscopy Probes: Radial, Linear and Miniprobe Systems
- 1.2. Needle Types Used in Echoendoscopy-Guided FNA
- 1.3. Contrast in Echoendoscopy
- 1.4. Gastroenteroanastomosis in the Oncologic Patient Guided by EUS
- 1.5. Celiac Plexus Neurolysis, Alcoholysis and EUS-Guided Marker Placement
- 1.6. Equipment Used during ERCP: Cannulas, Sphincterotome and Balloons
- 1.7. ERCP Techniques: Pre-cutting, *Rendez Vous*, Cytology, Biopsy and Others
- 1.8. Ampullary Lesions. Ampulectomy
- 1.9. Echoendoscopy and ERCP in Patients with Post-surgical Anatomical Alterations
Indications and Contraindications
- 1.10. Complications and Their Management in EUS and ERCP





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This is the best academic option to update the techniques of echoendoscopy and ERCP, with the best possible didactic material and a teaching staff committed to the maximum”

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



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

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. 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.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

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

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



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





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.



06 Certificate

The Postgraduate Certificate in Gastroenteroanastomosis in the EUS-Guided Oncologic Patient, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.



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Successfully complete this training program and receive your diploma without travel or laborious paperwork”

This **Postgraduate Certificate in Gastroenteroanastomosis in the EUS-Guided Oncologic Patient** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by TECH Technological University will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Diploma **Postgraduate Certificate in Gastroenteroanastomosis in the EUS-Guided Oncologic Patient**

Official N° of Hours: **150 h.**



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

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



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