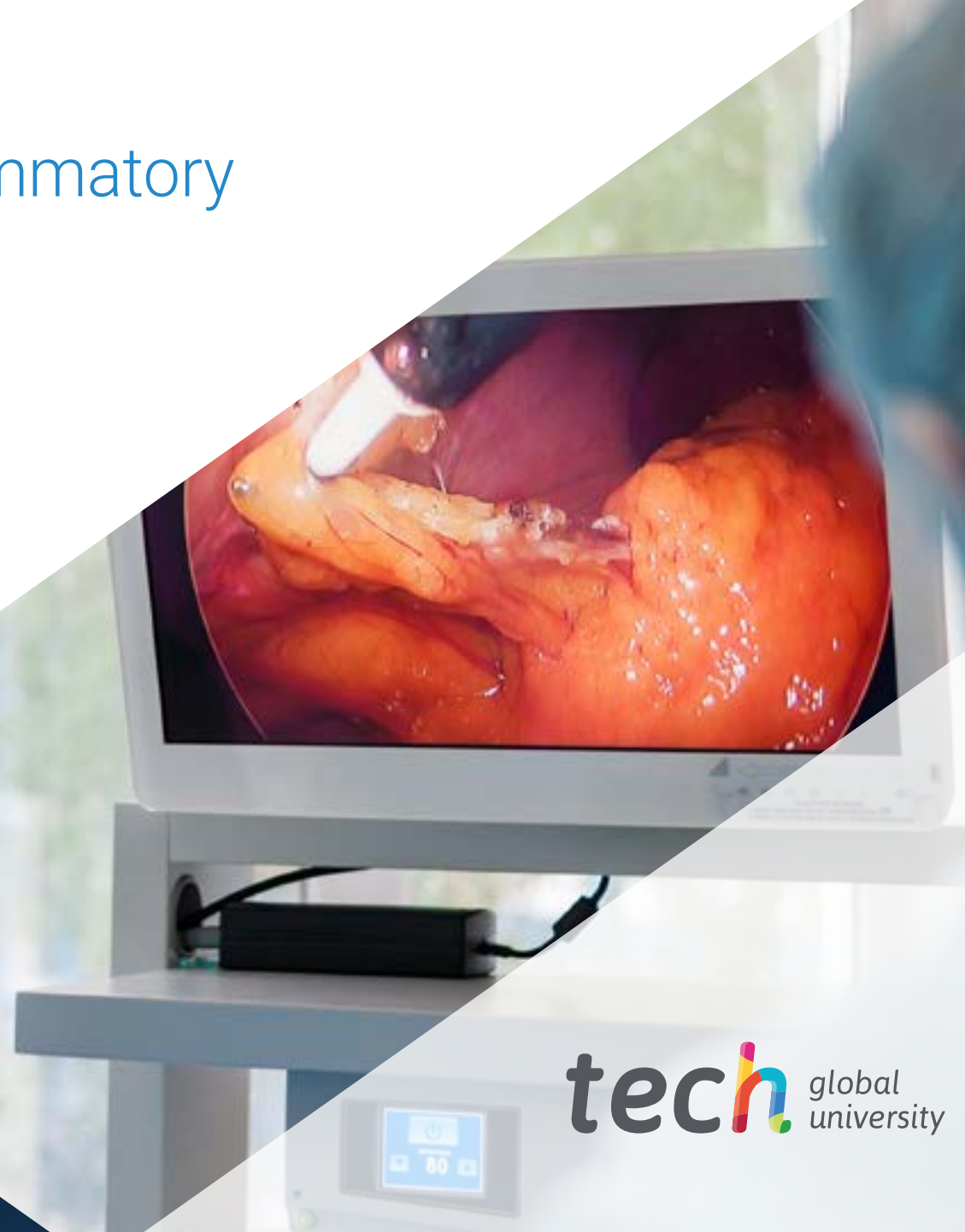


Postgraduate Certificate

Role of Endoscopy in Inflammatory Bowel Disease





Postgraduate Certificate Role of Endoscopy in Inflammatory Bowel Disease

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/role-endoscopy-inflammatory-bowel-disease

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 20

06

Certificate

p. 28

01

Introduction

Endoscopy continues to play a key role in the diagnosis of inflammatory bowel disease. However, in the last decade there has been an improvement in both the techniques and the equipment used to carry it out. Therefore, image quality has improved, contrast endoscopy and autofluorescence have been optimized. Progress that forces the medical professional to be constantly updating their knowledge, to effectively address the diagnosis and treatment of this type of patient. Faced with this reality, TECH has created this 100% online program, which offers the most advanced and scientifically rigorous syllabus in the educational panorama. All this, in addition, through quality multimedia content to which the specialist will have access 24 hours a day from any electronic device with an Internet connection.





“

A 100% online Postgraduate Certificate, which gives you the opportunity to learn the latest techniques used in diagnostic endoscopy"

The appearance of the small bowel capsule endoscope at the beginning of the 21st century was a major breakthrough, becoming a priority weapon for the assessment of the severity and extent of lesions. Therefore, the continuous advances in this field have consolidated the use of digestive endoscopy as a diagnostic method for inflammatory bowel disease.

The direct vision of the digestive tract, the observation of existing lesions, their typology and severity, and their therapeutic role make this technique essential for specialists in the digestive area. That is why this Postgraduate Certificate in Role of Endoscopy in Inflammatory Bowel Disease was created, which offers professionals the latest scientific information and the latest endoscopic techniques.

A university program, in a 100% online format, that will lead you to obtain in only six weeks, an update of your knowledge in the diagnostic field and the treatment of these pathologies, thanks to the use of endoscopy. For this purpose, the professional has multimedia educational resources (video summaries, detailed videos), essential readings and case studies.

In this way, they will be able to learn more about the technique, indications and complications of capsule endoscopy of the colon and capsule endoscopy of the small intestine, as well as the latest findings in the approach to these types of diseases.

This is an excellent opportunity for professionals to update their knowledge through a flexible and convenient university program. The only thing they need is an electronic device with an Internet connection to be able to view, at any time, the content hosted on the Virtual Campus. In this way, the professional will be able to perfectly combine his or her daily activities with a teaching option that is at the academic forefront.

This **Postgraduate Certificate in Role of Endoscopy in Inflammatory Bowel Disease** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of clinical cases presented by experts in Digestive Medicine
- ♦ Its graphic, schematic and eminently practical contents provide scientific and assistance information on those disciplines essential for the professional practice
- ♦ News on endoscopy in inflammatory bowel disease
- ♦ Practical exercises where the process of self-assessment can be used to improve learning
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ 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 get an updated view on the latest indications for colon cancer prevention"

“

This Postgraduate Certificate will bring you up to date with the latest endoscopic findings in Inflammatory Bowel Diseases”

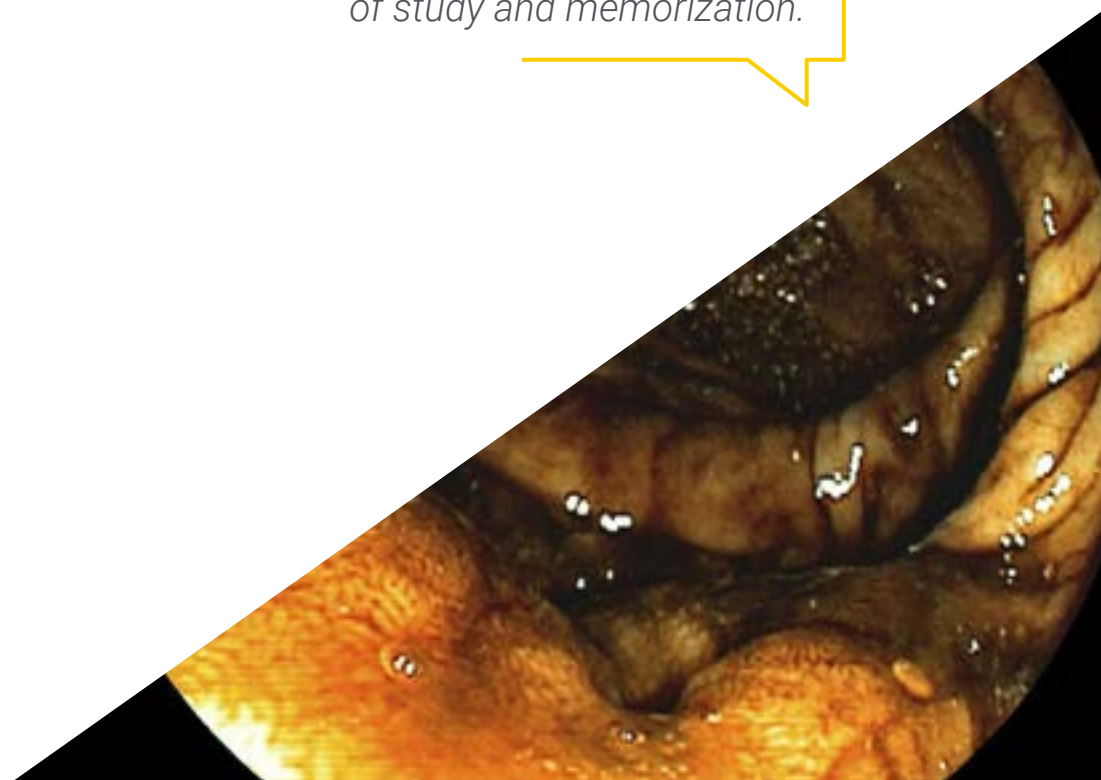
The program’s teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

Get a complete update on therapeutic endoscopy, thanks to this Postgraduate Certificate.

TECH uses the innovative Relearning method, with which the professional will be able to reduce the long hours of study and memorization.



02 Objectives

The main objective of this Postgraduate Certificate in Role of Endoscopy in Inflammatory Bowel Disease is to update the professional specialized in the digestive area. In order to achieve this, this academic institution provides a syllabus with a theoretical-practical approach, which brings the specialist closer to the main techniques currently used, as well as the latest findings in this discipline.



“

TECH provides you with the most innovative teaching tools, so that you can obtain the latest scientific information on endoscopic techniques”



General Objectives

- Update the knowledge of the origin, as well as the current scientific state of diagnosis and treatment of inflammatory bowel disease
- Manage different situations of this disease throughout life (childhood, senescence, pregnancy, lactation, controlled disease or outbreaks)

“

In just six weeks, you will be up to date on the current protocols used in endoscopic monitoring of patients with Inflammatory Bowel Disease”





Specific Objectives

- Interpret the main endoscopic data in Inflammatory Bowel Disease
- Update knowledge on the indications for performing therapeutic maneuvers in patients with inflammatory bowel disease, as well as the management of complications
- Master the indications for performing capsule endoscopy of the small bowel and colon
- Manage endoscopic monitoring protocols in patients with Inflammatory Bowel Disease, as well as establish strategies for the prevention of colorectal cancer

03

Course Management

TECH has selected the teachers of this Postgraduate Certificate given their extensive experience and development in endoscopic techniques applied to Digestive Medicine. Therefore, the specialist will have access to both theoretical and practical material of the highest quality, written from the professional experience of prominent figures in the field of Digestive Medicine and with a focus on clinical practice at the highest level.





“

You will have the possibility to solve your doubts directly with the teaching staff through the Virtual Campus”

International Guest Director

Considered as one of the best doctors by the Castle Connolly, Dr. Gil Melmed is a renowned Gastroenterologist highly specialized in the approach of Inflammatory Bowel Diseases. In this way, he has developed most of his career in health entities of international reference among which stands out the Cedars-Sinai Medical Center in California.

Among his main achievements, he has used innovative Computer Aided Detection devices in multiple colonoscopies. Therefore, he has demonstrated that these technological tools pertaining to Artificial Intelligence can significantly increase the identification of Adenomas or Polyps and improve the prevention of Colorectal Cancer. Along the same lines, he has promoted the IBD QORUS Quality Improvement Program, focused on the implementation of excellent practices and quality standards in the treatment of patients with Inflammatory Bowel Disease. Thanks to this, it has managed to optimize both medical results and user experience.

He also balances this work with his role as a clinical researcher. In fact, he has developed numerous studies focused on subjects such as new treatments for the management of chronic inflammation of the intestine, cutting-edge procedures aimed at perfecting postoperative care or techniques that ensure that individuals' responses to vaccines are effective and safe. Consequently, he has spearheaded a number of sophisticated strategies that have enabled individuals to experience adequate recovery following their surgical procedures.

Committed to the advances in this health field, he participates as a speaker in different international scientific congresses. There he has shared his experience using advanced diagnostic tests, such as Balloon Enteroscopy. He has also increased the knowledge of health professionals on the most optimal methods to treat Crohn's Disease and Ulcerative Colitis.



Dr. Melmed, Gil

- Director of Clinical Trials at the Center for Inflammatory Bowel Diseases at Cedars-Sinai Medical Center in Los Angeles, California
- President of the American Gastroenterological Association's Committee on Inflammatory Bowel Diseases
- Clinical Investigator at Cedars-Sinai Medical Center
- Editor of the "American Journal of Gastroenterology"
- Residency at Cedars-Sinai Medical Center
- M.D. from Albert Einstein College of Medicine
- Master of Science in Clinical Research, University of California, California
- B.S. in Medical Sciences, University of Pennsylvania
- Fellowship in Gastroenterology from University of California
- Board Certified by the American Board of Internal Medicine
- Crohn's and Colitis Foundation National Scientific Advisory Board
- Co-Chair of the IBD QORU Quality Improvement Program



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

04

Structure and Content

The newest techniques, the main indications and the most frequent complications are the three fundamental axes on which the agenda of this Postgraduate Certificate focused on the Role of Endoscopy in Inflammatory Bowel Disease revolves. All this, through an advanced syllabus, accompanied by innovative multimedia educational resources. In this way, TECH offers the professionals a program in accordance with the current academic times, which will allow them, in only six weeks, to be up to date with the advances in the use of this diagnostic and treatment technique.





“

An advanced syllabus that will keep you up to date with scientific advances in the endoscopic treatment of strictures and their complications"

Module 1. Role of Endoscopy in Inflammatory Bowel Disease

- 1.1. Diagnostic Endoscopy. Endoscopic Manifestations
- 1.2. Small Bowel Capsule Endoscopy
 - 1.2.1. Technical Aspects
 - 1.2.2. Indications
 - 1.2.3. Complications
- 1.3. Endoscopic Capsule of the Colon
- 1.4. Therapeutic Endoscopy I. Polypectomy and Endoscopic Mucosal Resection
 - 1.4.1. Techniques
 - 1.4.2. Indications
 - 1.4.3. Complications
- 1.5. Therapeutic Endoscopy II. Endoscopic Submucosal Dissection
 - 1.5.1. Techniques
 - 1.5.2. Indications
 - 1.5.3. Complications
- 1.6. Therapeutic Endoscopy. Endoscopic Treatment of Strictures
 - 1.6.1. Techniques
 - 1.6.2. Indications
 - 1.6.3. Complications
- 1.7. Endoscopy in the Assessment of Inflammatory Bowel Disease Relapses
- 1.8. Prevention of Colon Cancer in Inflammatory Bowel Disease
- 1.9. Endoscopic Findings in Other Inflammatory Bowel Diseases
- 1.10. New Endoscopic Techniques in the Diagnosis and Treatment of Inflammatory Bowel Disease





“

A program that will allow you to get up to date on new endoscopic techniques in the diagnosis of Inflammatory Bowel Diseases”

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.





“

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.



06 Certificate

The Postgraduate Certificate in Role of Endoscopy in Inflammatory Bowel Disease 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 program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Role of Endoscopy in Inflammatory Bowel Disease** 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.

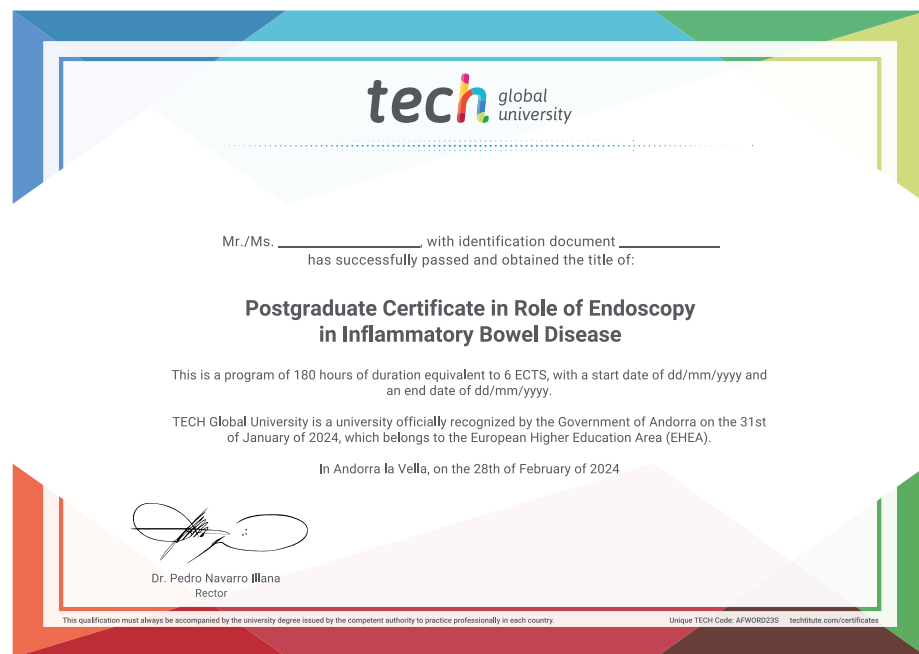
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Role of Endoscopy in Inflammatory Bowel Disease**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

online training

development languages

virtual classroom

tech global
university

Postgraduate Certificate
Role of Endoscopy
in Inflammatory
Bowel Disease

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

Postgraduate Certificate

Role of Endoscopy in Inflammatory Bowel Disease

