

Postgraduate Certificate

Digestive Major Outpatient Surgery





Postgraduate Certificate Digestive Major Outpatient Surgery

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

Website: www.techtitute.com/us/medicine/postgraduate-certificate/digestive-major-outpatient-surgery

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01

Introduction

Digestive Major Outpatient Surgery is a field of surgery in which surgical interventions are performed without the need for prolonged hospitalization. This type of surgery offers many benefits to patients, such as faster and less painful recovery. The demand for qualified specialists in this area is increasing, and TECH has designed a program that is an excellent opportunity to acquire up-to-date knowledge and necessary skills. The program is 100% online and uses the *Relearning* pedagogical methodology, which focuses on consolidating and updating previous knowledge through innovative and adaptive teaching resources. In addition, students have the flexibility to organize academic resources, which allows them to adapt their learning to their own needs and schedules.





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Learn how to perform major outpatient interventions with the latest surgical techniques thanks to this Postgraduate Certificate. Don't get left behind in the world of surgery!”

Digestive Major Outpatient Surgery is a medical area of great relevance due to the increase of digestive pathologies in the population. These diseases may require surgical intervention, which makes it essential that medical professionals are highly qualified to perform effective and safe outpatient procedures.

The Postgraduate Certificate provides specialized education in the most current and optimal surgical techniques for performing major outpatient interventions in patients with intestinal disorders. In addition, the program addresses other important topics such as patient selection and care, management of healthcare resources and prevention of complications.

The *Relearning* pedagogical methodology used in the program provides a dynamic and flexible education, adapted to the needs and availability of the students. The 100% online modality allows students to access the contents from anywhere and at any time, which facilitates the reconciliation with other work and personal responsibilities. The flexibility to organize academic resources offers a personalized experience that allows students to acquire the necessary skills to successfully perform outpatient digestive interventions.

This **Postgraduate Certificate in Digestive Major Outpatient Surgery** contains the most complete and up-to-date scientific program on the market. Its most outstanding features are:

- ◆ Practical cases presented by experts Digestive Major Outpatient Surgery
- ◆ 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
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ 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



Learn how to effectively select and care for patients. Want to know how? Enroll now!"

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Want to expand your knowledge in interventional radiology? With our online program you will be able to do it in an easy and flexible way”

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.

Its 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 an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

With our Relearning pedagogical method, you will learn in an optimal way and with long-lasting results. Learn with TECH!

Expand your career opportunities with a quality education in Digestive Major Outpatient Surgery. Are you ready to start?



02 Objectives

The main objective of the Postgraduate Certificate in Digestive Major Outpatient Surgery is to provide the surgeon with the most advanced surgical techniques. All this focused on the performance of the main major outpatient interventions, as well as the most effective procedures in the selection and care of the patient. To achieve this goal, the program uses the most sophisticated pedagogical tools, employing the most advanced technology in university teaching. For this reason, TECH establishes a series of general and specific objectives to improve the satisfaction of the future graduate. These are the following.





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Discover the latest surgical techniques in liver abscesses and cysts with specialized teachers. Get ready to be an expert in the field!”



General Objectives

- ◆ Delve into the different pathologies approached in Major Outpatient Surgery
- ◆ Delve into the anatomy and physiology necessary to understand the main procedures in Major Outpatient Surgery
- ◆ Delve deeper into the main surgeries in Major Outpatient Surgery
- ◆ Improve knowledge on the need for antibiotic prophylaxis in Major Outpatient Surgery
- ◆ Provide the tools to know how to manage the thromboembolic approach in Major Outpatient Surgery





Specific Objectives

- ◆ Delve into the most prevalent processes of General and Digestive System Surgery that can be managed in Major Outpatient Surgery
- ◆ Explore diseases of the gallbladder
- ◆ Master the technique of cholecystectomy and its complications
- ◆ Delve into the surgical medical management of gastroesophageal reflux disease

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You will achieve your goals thanks to our tools, and you will be accompanied along the way by leading professionals”

03

Course Management

The professionals who teach in this Postgraduate Certificate in Digestive Major Outpatient Surgery are recognized experts in General Surgery, Digestive System and other medical specialties. This multidisciplinary group has extensive experience in both clinical practice and research, which is reflected in the complete syllabus of the program. In this way, students will have the opportunity to learn about the latest advances in surgical techniques used by these renowned specialists, which will provide them with a complete and detailed vision of the subject.



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Learn everything you need to select and treat patients in the area of Digestive Major Outpatient Surgery with this 100% online program”

Management



Dr. Palacios Sanabria, Jesús Enrique

- ◆ Specialist of General Surgery at the Basic General Hospital of Baza-Granada
- ◆ General Surgeon in the Bariatric and Metabolic Surgery team at the Canabal Clinic
- ◆ General Surgeon at the IDB Clinic in Barquisimeto
- ◆ Professor in the Minor Surgery Course at the Andalusian Health Service
- ◆ Medical Surgeon by the 'Lisandro Alvarado' Central Western University
- ◆ Specialist in General Surgery at the 'Lisandro Alvarado' Central Western University
- ◆ Master's Degree in General Surgery and Digestive System Updating



04

Structure and Content

This Postgraduate Certificate in Digestive Major Outpatient Surgery has been specifically designed to provide medical professionals with the most up-to-date information on effective surgical techniques to treat common digestive pathologies. All material has been rigorously evaluated and is supported by the latest scientific evidence. In addition, innovative teaching resources have been used and are available online, allowing students to easily access them from any electronic device connected to the Internet.





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Learn everything you need to improve your professional skills in the area of gastroesophageal reflux and make your patients happy”

Module 1. Digestive Surgery

- 1.1. Biliary Tract Surgery
 - 1.1.1. Anatomy
 - 1.1.2. Physiology
 - 1.1.3. Cholelithiasis and its Complications
 - 1.1.4. Coledocolitiasis
- 1.2. Iatrogenic Lesions of the Biliary Tract
 - 1.2.1. Risk Factors
 - 1.2.2. Classification
 - 1.2.3. Treatment
 - 1.2.4. Morbidity
- 1.3. Interventional Radiology.
 - 1.3.1. Introduction
 - 1.3.2. Percutaneous Transhepatic Cholangiography
 - 1.3.3. Cholecystostomy
 - 1.3.4. Percutaneous Biliary Drainage
- 1.4. Abscesses and Liver Cysts
 - 1.4.1. Introduction
 - 1.4.2. Simple Liver Cysts
 - 1.4.3. Acquired Liver Cysts
 - 1.4.4. Liver Abscesses
- 1.5. Gastroesophageal Reflux
 - 1.5.1. Pathogenesis.
 - 1.5.2. Complications
 - 1.5.3. Conservative Treatment
 - 1.5.4. Surgical Management
- 1.6. Failures of Anti-reflux Surgery
 - 1.6.1. Relapse
 - 1.6.2. Stenosis
 - 1.6.3. Gastric Migration to the Thorax
 - 1.6.4. Redo Surgery





- 1.7. Motor Disorders of the Esophagus
 - 1.7.1. General Classification
 - 1.7.2. Oropharyngeal Dysphagia
 - 1.7.3. Primary Esophageal Disorders
 - 1.7.4. Secondary Esophageal Disorders
- 1.8. Esophageal Diverticula
 - 1.8.1. Introduction
 - 1.8.2. Zencker's Diverticula
 - 1.8.3. Thoracic Diverticula
 - 1.8.4. Epiphrenic Diverticula
- 1.9. Complementary Tests in Esophageal Pathology
 - 1.9.1. Radiological Studies
 - 1.9.2. Endoscopy
 - 1.9.3. Manometry
 - 1.9.4. Isotopic Studies
- 1.10. Digestive Surgery in the Elderly
 - 1.10.1. Introduction
 - 1.10.2. Preoperative Assessment of the Elderly Patient
 - 1.10.3. Specific Complications
 - 1.10.4. Conclusions

“ Access an extensive virtual library that will answer your questions or concerns”

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

This Postgraduate Certificate in Digestive Major Outpatient Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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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 Digestive Major Outpatient Surgery** 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 Digestive Major Outpatient Surgery**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.

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



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

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