Postgraduate Certificate

Pancreatic, Biliary and Hepatic Tumors

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Postgraduate Certificate

Pancreatic, Biliary and Hepatic Tumors

Course Modality: **Online**
Duration: **2 months.**
Certificate: **TECH Technological University**
9 ECTS Credits
Teaching Hours: **225 hours**
Website: www.techtitute.com/us/medicine/postgraduate-certificate/pancreatic-biliary-hepatic-tumors

Index

01

Introduction

Digestive tumors represent an important cause of morbidity and mortality in the population of both sexes. It is estimated that approximately 220,000 new cases of cancer are detected in Spain each year, 25% of which are digestive tumors. Their incidence has varied over the years.

Early detection, more efficient surgery and more precise treatment have enabled this progress"

Whereas a few years ago the survival of metastatic patients was around six months, it has now extended to at least 24 months, as a result of the fact that in recent years there have been many important advances in early detection, diagnosis and treatment procedures, so that at the same time, we are faced with increasing complexity in the management of these tumors.

The continuous improvement and sophistication of imaging methods, the refinement of some surgical techniques, the increased hierarchization of certain pathological findings, the inclusion of molecular biology in clinical practice, the incorporation of personalized medicine, changes in many classical therapeutic approaches, technological advances for the administration of radiotherapy, the incorporation of immunotherapy and new combined modalities, new complications and sequelae of new treatments, are some of the factors that make the care of patients with digestive tumors an increasingly complex activity.

This **Postgraduate Certificate in Pancreatic, Biliary and Liver Tumors** contains the most complete and updated scientific program on the market. The most important features of the course are:

- Clinical cases presented by experts in the different 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.
- New developments in the diagnosis and treatment of digestive tumors
- Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- With special emphasis on evidence-based medicine and research methodologies in the diagnosis and treatment of tumors of the upper gastrointestinal tract.
- All of 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.

This Postgraduate Certificate in Pancreatic, Biliary and Hepatic Tumors contains the most complete and up-to-date scientific program on the market"

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 Pancreatic, Biliary and Hepatic Tumors, you will obtain a qualification from TECH Technological University"

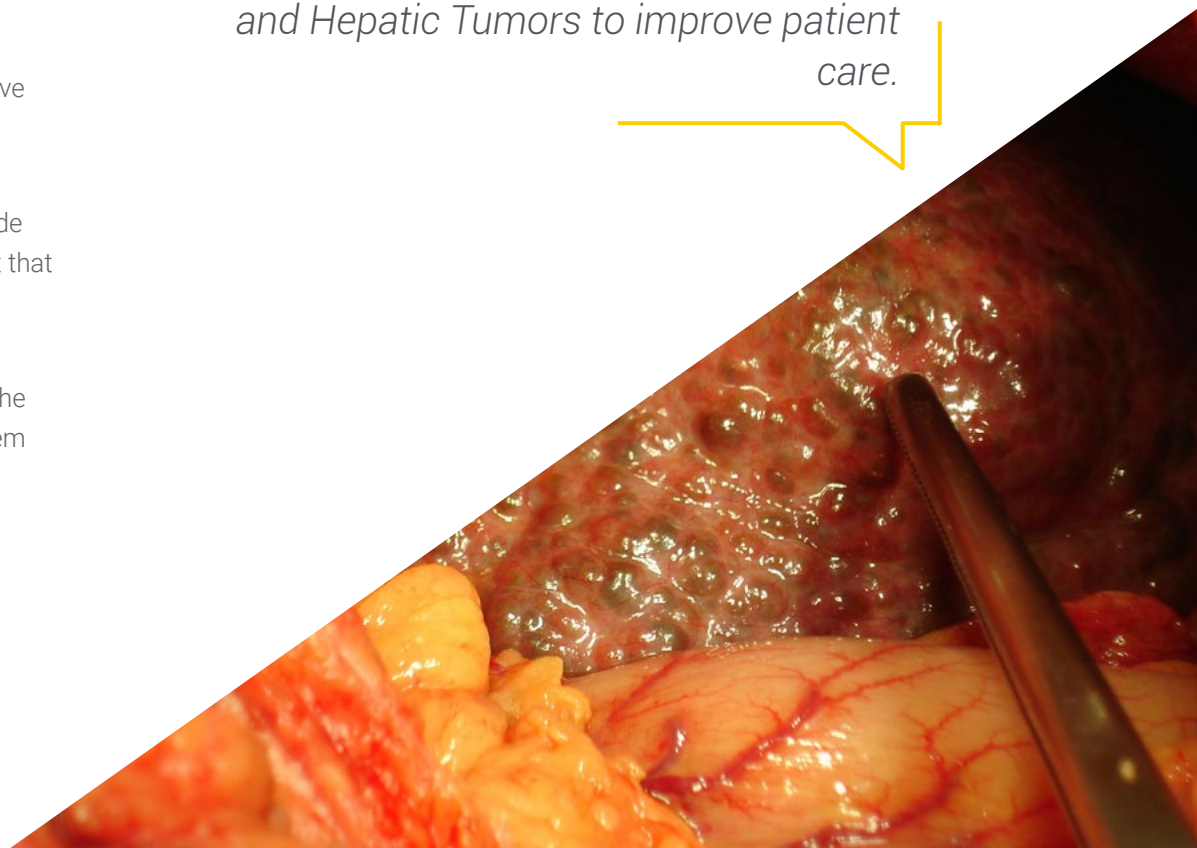
Forming part of the teaching staff is a group of professionals in the world of digestive oncology who bring to this training their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

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 program to train in real situations.

Problem-Based Learning underpins this program design, and the doctor 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 Pancreatic, Biliary and Hepatic Tumors with extensive teaching experience.

Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate in Pancreatic, Biliary and Hepatic Tumors.

Don't miss the opportunity to update your knowledge in Pancreatic, Biliary and Hepatic Tumors to improve patient care.



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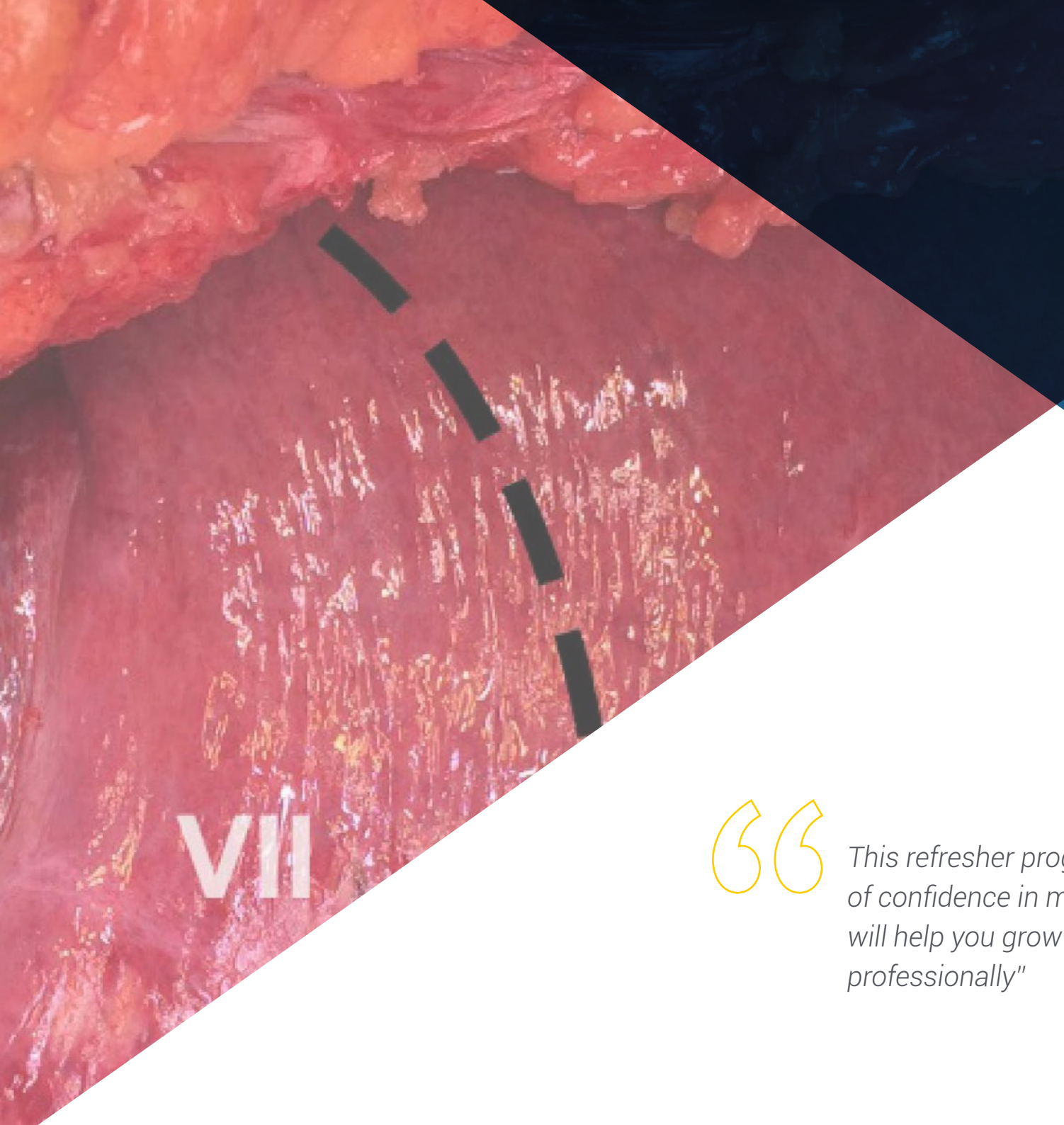
Objectives

The main objective of the program is the development of theoretical and practical learning, so that the physician can master the study of Pancreatic, Biliary and Hepatic Tumors in a practical and rigorous way.



This refresher program will generate a sense of confidence in medical practice, which will help you grow both personally and professionally"

General Objectives

- Create a global and updated vision of the exposed topics that will allow the student to acquire useful knowledge and at the same time, generate interest in expanding the information and discovering its application in their daily practice.
- Provide and expand knowledge on immunotherapy, as an example of a clear scientific advance in translational research, and one of the most promising lines of research in cancer treatment.
- Discuss the current landscape of stomach cancer immunotherapy, combinations in clinical development, strategies for dose selection and trial design, clinical pharmacology and regulatory considerations.

Specific Objectives

- Define the epidemiology, risk factors and diagnosis of pancreatic cancer and hepatocarcinoma and their value in clinical practice
- Delve into the imaging tests for the diagnosis and staging of pancreatic cancer. Analyze the multidisciplinary treatment of pancreatic, biliary tract and hepatocarcinoma cancer and future treatment options
- Discuss the role of pancreatic, biliary tract and hepatocarcinoma cancer surgery
- Update the treatment of pancreatic cancer, biliary tract and advanced hepatocarcinoma

Take advantage of the opportunity and take the step to get up-to-date on the latest developments in Pancreatic, Biliary and Hepatic Tumors"

03

Course Management

This program includes highly regarded health professionals in the field of digestive oncology in its teaching staff, who bring the experience of their work to this training.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.

Learn about the latest advances in Pancreatic, Biliary and Hepatic Tumors from leading professionals"

Management

Oruezábal Moreno, Mauro Javier

- Head of the medical Oncology Service at La Paz University Hospital since 2017.
- Research Fellow at University of Southampton (2016-present).
- Master's Degree in Bioinformatics and biostatistics UOC-UB (2016-ongoing)
- Master's Degree in bioinformatic analysis by the Pablo de Olavide University (2015-2016)
- Doctor of Medicine from the Complutense University of Madrid. Outstanding Cum Laude Qualification (2002).
- Member of the Spanish Society of Medical Oncology (SEOM) and the Spanish Group of Digestive Tumors (TTD)
- Specialist (MIR) in Medical Oncology, University Hospital San Carlos of Madrid (2000).
- Degree in Medicine and Surgery, University of Navarra (1995).

Esteban López-Jamar, José Miguel

- Head of the Endoscopy Unit at the San Carlos Clinical University Hospital of Madrid
- PhD in Medicine and Surgery, from the Complutense University of Madrid with Outstanding Award
- Training at the AMC in Amsterdam, the Paoli Calmettes Institute in Marseille and the Horst-Schmidt-Kliniken in Wiesbaden (Germany)
- Member of the SEPD, ACAD, SEED, ESGE
- Honorary Member of the Equatorian Society of Gastroenterology
- Professor and member of the Scientific Advisory Committee of the University Specialization Course in Endoscopic Ultrasonography of the UOC.
- Specialist (MIR) in the Digestive System, San Carlos University Hospital of Madrid

Loinaz Segurola, Carmelo

- Chief of Section of General and Digestive System Surgery, Doce de Octubre University Hospital, Madrid.
- Degree in Medicine and Surgery, University of Navarra (1985).
- Specialist in General and Digestive System Surgery, Doce de Octubre University Hospital
- Doctor in Medicine and Surgery, Complutense University of Madrid, qualification outstanding cum laude (1991).
- Associate Professor of Health Sciences. Accredited as Full Professor by ANECA (2009)
- Member of the Spanish Association of Surgeons, Spanish Society of Parenteral and Enteral Nutrition, American College of Surgeons, Spanish Society of Transplantation, Spanish Society of Liver Transplantation, European Society of Organ Transplantation, The Transplantation Society (and IRTA section, Intestinal Rehabilitation and Transplant Association), IASGO (International Society of Surgeons, Gastroenterologists and Oncologists), ISDE (International Society of Diseases of the Esophagus)
- Head of General Surgery Unit, Alcorcón University Hospital (2004-2008)
- Master's Degree in Medical Management and Clinical Management, UNED and Escuela de Sanidad-Instituto Carlos III
- Coordinator of the Humanitarian Collaboration Group of the AEC
- Committee of Health Cooperation at the Department of Surgery of the UCM

Professors

Dr. Abradelo, Manuel

- HBP Surgery and Transplant Department
- Queen Elizabeth Hospital
- Birmingham, United Kingdom

Dr. Alonso Casado, Oscar

- General Surgery Department
- M.D. Anderson Hospital, Madrid

Dr. Astudillo González, Aurora

- Anatomic Pathology Service
- Associate Professor at the University of Oviedo linked to the Central University Hospital of Asturias.
- Scientific Director of the Principality of Asturias Biobank.

Dr. Bertomeu García, Agustín
- Esophago-Gastric Surgery Section
- General Surgery Department
- University Hospital of Getafe, Madrid

Dr. Boan García, Jose Francisco
- Head of the Nuclear Medicine Department and Molecular Imaging
- Ruber International Hospital, Madrid

Dr. Cacho Lavin, Diego
- Medical Oncology Service
- Marqués de Valdecilla University Hospital

Dr. Concha Lopez, Ángel
- Head of Anatomic - Pathology Department and director of the Biobanc
- A Coruña University Hospital Complex

Dr. Custodio Carretero, Ana
- Gastrointestinal and Neuroendocrine Tumors Unit
- Medical Oncology Department
- La Paz University Hospital, IdiPaz

Dr. Del Valle, Emilio
- Head of the General Surgery Services
- Gregorio Marañón University Hospital, Madrid

Dr. Díaz Pérez, Jose Angel
- Endocrinology and Nutrition Service
- San Carlos Clinical University Hospital, Madrid

Dr. Díaz Gavela, Ana A.
- Esophago-Gastric Surgery Section
- Radiation Oncology Service
- Quironsalud Hospital of Madrid

Dr. Figueroa, Angélica
- Institute of Biomedical Research A Coruña (INIBIC)
- Research Group Leader, Epithelial Plasticity and Metastasis

Dr. García-Sesma, Alvaro
- HBP Surgery and Abdominal Organ Transplantation Unit
- General Surgery Department
- Doce de Octubre University Hospital, Madrid

Dr. González Bayón, Luis
- General Surgery Department
- Gregorio Marañón University Hospital, Madrid

Dr. Gonzalez-Haba Ruiz, Mariano
- Gastroenterology Department
- Puerta de Hierro Hospital, Madrid

Dr. López López, Rafael
- Head of the Medical Oncology Department
- Santiago de Compostela University Hospital Complex
- Translational Medical Oncology Group Health Research Institute

Dr. López Guerrero, José Antonio
- Medical Oncology Department
- Valencian Institute of Oncology

Dr. Martínez Isla, Alberto
- Northwick Park-St. Marks Hospitals
- London, United Kingdom

Dr. Martinez Trufero, Javier
- Medical Oncology Department
- Miguel Servet University Hospital

Dr. Paramio Gonzalez, Jesús
- CIEMAT Molecular Oncology Unit
- 12 de Octubre Research Institute of Madrid

Dr. Rueda Fernández, Daniel
- Research Unit
- 12 de Octubre University Hospital of Madrid

Dr. Sabater Ortí, Luis
- General Surgery Department
- Clinical University Hospital of Valencia

Dr. Velastegui Ordoñez, Alejandro
- Medical Oncology Service
- Rey Juan Carlos University Hospital of Madrid

Dr. Vega, Vicente
- General Surgery Department
- University Hospital of Puerto Real, Cádiz

Dr. Valladares Ayerbes, Manuel
- UGC Medical Oncology.
- Virgen del Rocío University Hospital IBIS – Seville

04

Structure and Content

The structure of the contents has been designed by a team of professionals who recognise the implications of training in daily medical praxis, aware of the relevance of current training to treat the patient with Pancreatic, Biliary and Hepatic Tumors and are committed to quality teaching using new educational technologies.

This Postgraduate Certificate in Pancreatic, Biliary and Pancreatic Tumors contains the most complete and updated scientific program on the market"

Module 1. Pancreatic Cancer, Bile Duct Tumors and Hepatocarcinoma

1.1. Pancreatic Cancer
- 1.1.1. Epidemiology, Risk Factors and Diagnosis of Pancreatic Cancer.
- 1.1.2. Use of Endoscopic Retrograde Cholangiopancreatography (ERCP) in Patients with Pancreatic Masses and Bile Duct Obstruction
- 1.1.3. Use of Endoscopic Ultrasonography (EUS) in Patients with Pancreatic Cancer or Pancreatic Masses.
- 1.1.4. Endosonographic Cholangiopancreatography (CEPEUS) in Pancreatic Masses and Bile Duct Obstruction.
- 1.1.5. Diagnostic Modalities to Define the Resectability of Pancreatic Cancer (CT, EUS, MRI).
- 1.1.6. Clinical Impact of 18F-FDG PET/CT in the Therapeutic Management of Patients with Pancreatic Cancer
- 1.1.7. Borderline Resectable Pancreatic Cancer
- 1.1.8. Laparoscopic Distal Pancreatectomy: Indications and Technique
- 1.1.9. Cephalic Pylorus-Sparing Duodenopancreatectomy Versus Whipple in Pancreatic Cancer
- 1.1.10. Surgical Treatment of Ampulomas
- 1.1.11. Adjuvant and Neoadjuvant Chemotherapy Treatment for Pancreatic Cancer
- 1.1.12. Adjuvant and Neoadjuvant Radiotherapy Treatment for Pancreatic Cancer
- 1.1.13. Advances in the Treatment of Patients with Metastatic Pancreatic Cancer
- 1.1.14. Familial and Hereditary Pancreatic Cancer Screening
- 1.1.15. Cystic Lesions of the Pancreas of Neoplastic Origin
- 1.1.16. Surgery of Cystic Tumors of the Pancreas

1.2. Cholangiocarcinoma and Gallbladder Cancer
- 1.2.1. Epidemiology, Risk Factors and Diagnosis of Cholangiocarcinoma and Gallbladder Cancer
- 1.2.2. What to do With a Cholangiocarcinoma?
- 1.2.3. Advances in the Treatment of Patients with Cholangiocarcinoma and Metastatic Gallbladder Cancer

1.3. Hepatocellular Carcinoma

1.3.1. Epidemiology, Risk Factors and Diagnoses for Hepatocellular Carcinoma
1.3.2. Staging and Treatment of Hepatocellular Carcinoma
1.3.3. Resective Treatment Versus Liver Transplantation in Hepatocellular Carcinoma
1.3.4. Locally Advanced Disease With Vascular Involvement: Local Versus Systemic Therapy?
1.3.5. Biliary Drainage in Biliary Cancers
1.3.6. First and Second Line of Systemic Therapy in Hepatocellular Carcinoma
1.3.7. Recurrence of Hepatocellular Carcinoma After Transplantation

A unique, key, and decisive training experience to boost your professional development"

05

Methodology

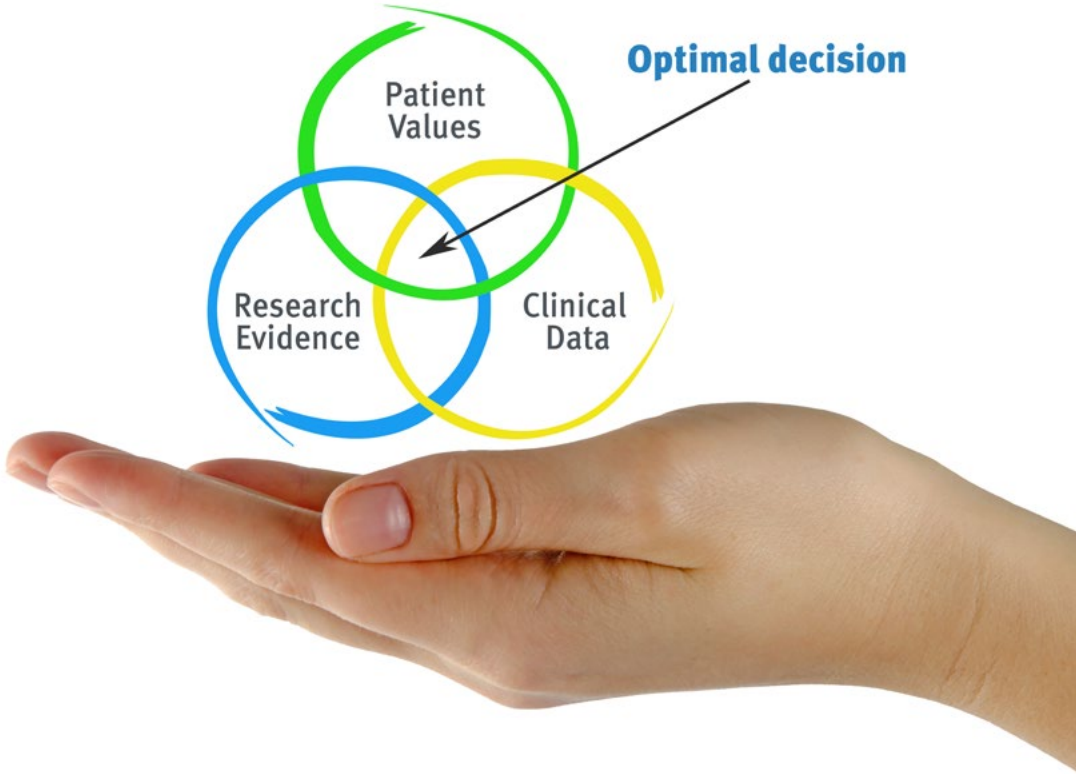
This training program provides you with a different way of learning. Our methodology follows a cyclical learning process***: Re-***learning.
This teaching system is used in the most prestigious medical schools in the world, and major publications have considered it to be one of the most effective, such as the ***New England Journal of Medicine.***

Discover Re-learning, 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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you can 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 potential 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 professional medical 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:

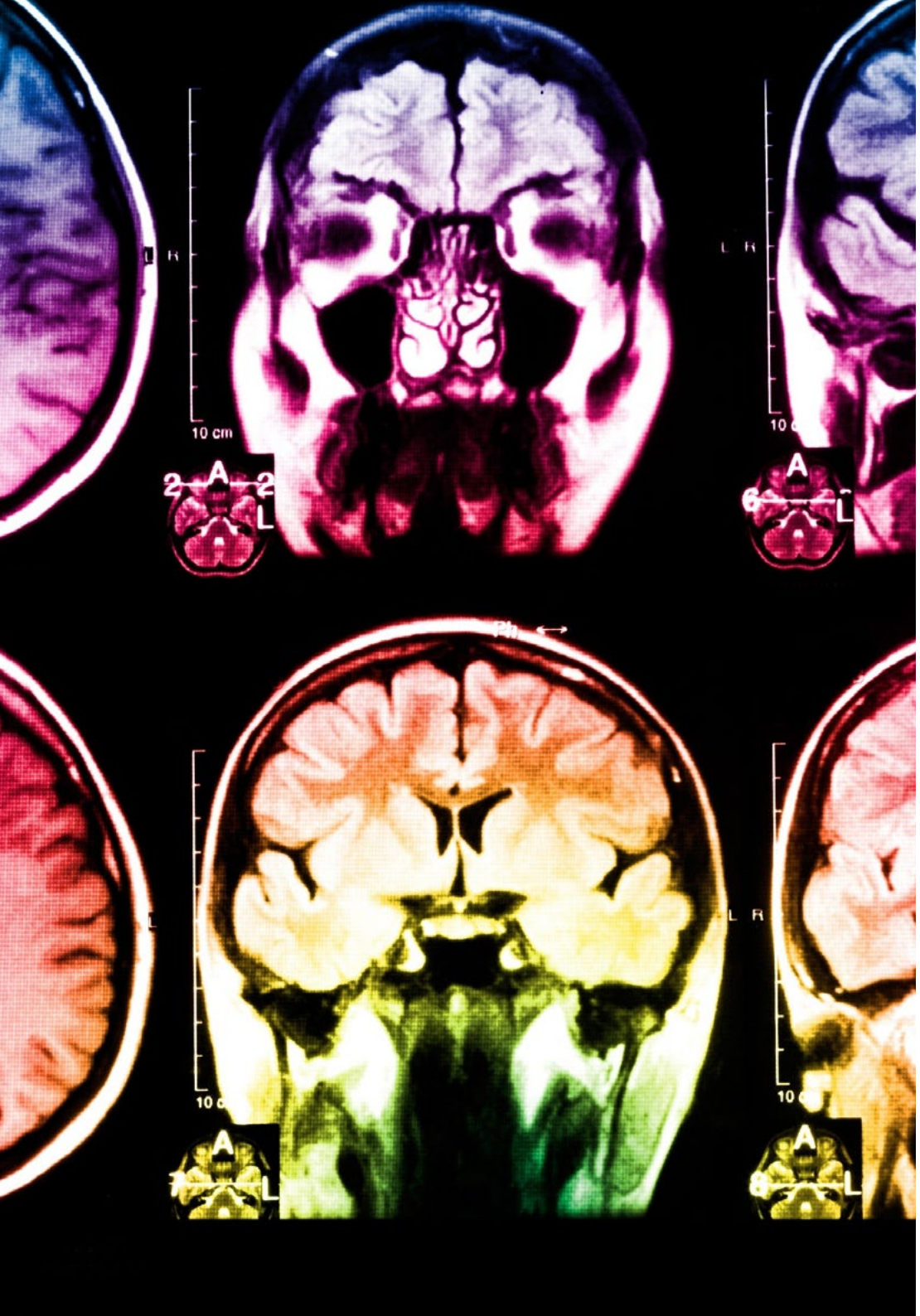
1. Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts 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.

Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

The physician will learn through real cases and by solving 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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

In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.

Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.

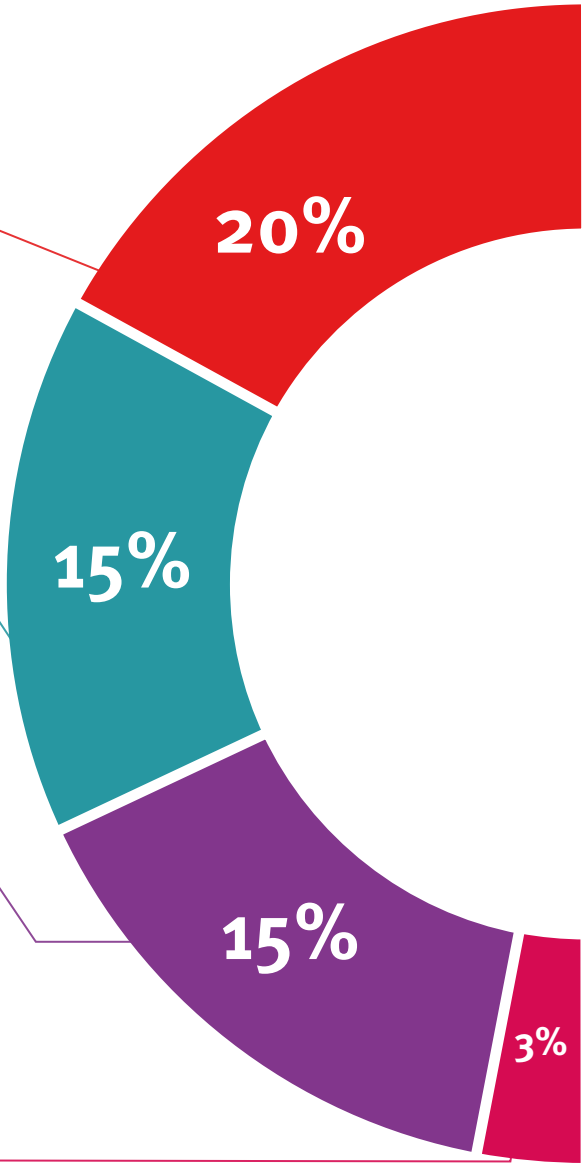
Interactive Summaries

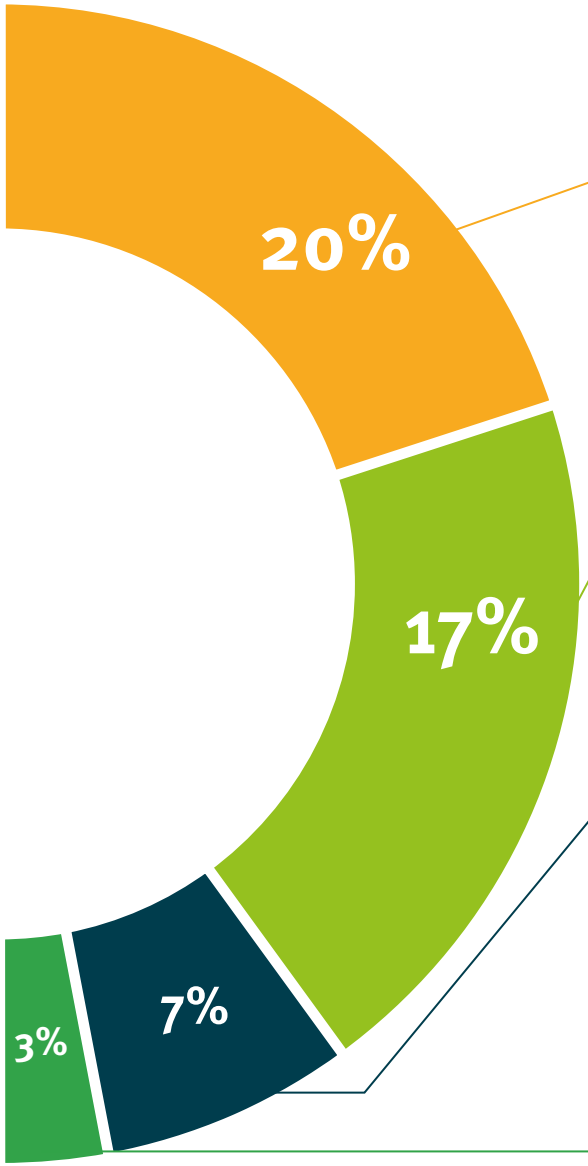
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".

Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through 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 your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence in our future difficult decisions.

Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.

07

Certificate

The Postgraduate Certificate in Pancreatic, Biliary and Hepatic Tumors guarantees you, in addition to the most rigorous and updated training, access to a certificate issued by TECH Technological University.

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

This **Postgraduate Certificate in Pancreatic, Biliary and Liver Tumors** contains the most complete and updated scientific program on the market.

After students have passed the assessments, they will receive their **Postgraduate Certificate** issued by **TECH Technological University.**

The certificate issued by **TECH Technological University** will specify the qualification obtained through the University Course, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Pancreatic, Biliary and Hepatic Tumors**

ECTS: **9**

Official Number of Hours: **225**


tech technological university

Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Pancreatic, Biliary and Liver Tumors

This is a qualification awarded by this University, with 9 ECTS credits and equivalent to 225 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.

Unique TECH Code: AFWORD23S techtitute.com/certificates

tech technological university

Postgraduate Certificate

Pancreatic, Biliary and Hepatic Tumors

Course Modality: **Online**

Duration: **2 months.**

Certificate: **TECH Technological University**

9 ECTS Credits

Teaching Hours: **225 hours**

Postgraduate Certificate

Pancreatic, Biliary and Hepatic Tumors

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