

Postgraduate Certificate

Liver Transplantation





Postgraduate Certificate Liver Transplantation

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

Website: www.techtitute.com/us/medicine/postgraduate-certificate/liver-transplantation

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 18

05

Methodology

p. 22

06

Certificate

p. 30

01

Introduction

Since the first liver transplant in 1968, advances and discoveries in this field have been constant. With a five-year survival rate close to 80%, developments in liver transplantation are very promising, so the specialist must be prepared to incorporate the most recent scientific findings and research into his or her daily practice. For this purpose, TECH has prepared a complete program in which experts in the field of hepatology have contributed their most up-to-date academic and professional experience. All in a 100% online format that respects the high pace of work of the most demanding specialists.





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*You will be updated with the
most relevant organ preservation
strategies in liver transplantation”*

Continuing research on liver transplantation has enabled liver transplantation procedures to have fewer complications. Thus, new advances, such as the Auxiliary Partial Orthotopic Liver Transplantation (APOLT) procedure, contribute to the reduction of waiting lists, while the management of the transplanted patient is much more efficient, thanks to state-of-the-art surgical intervention protocols.

All this means that the specialist in this field must keep abreast of the most recent developments in liver transplantation, in order to modernize and deepen the discoveries that are currently most relevant. The great expertise of the entire teaching team, when dealing with all types of liver transplants, makes the program of the highest quality, as the most useful and cutting-edge practical knowledge for the specialist is reflected in all the theoretical content.

In addition, it is a 100% online Postgraduate Certificate, that provides the students with the ease of being able to study it comfortably, wherever and whenever they want. All you need is a device with internet access to take your career one step further. A modality according to the current times, with all the guarantees to position the medical professional in a highly demanded area.

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

- ♦ More than 80 clinical cases, presented by experts in the different specialties. 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
- ♦ New diagnoses and treatments for different hepatic pathologies
- ♦ Presentation of practical workshops on procedures, diagnosis, and treatment techniques
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Special emphasis on evidence-based medicine and research methodologies in the field of hepatology
- ♦ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Availability of content from any device, fixed or portable, with an Internet connection



Gain in-depth knowledge on liver transplant surgery and the most successful new developments in this field"

“*TECH gives you the opportunity to study this university program as, when and where you want, all you need is a device with internet access and the ambition to be part of the medical elite*”

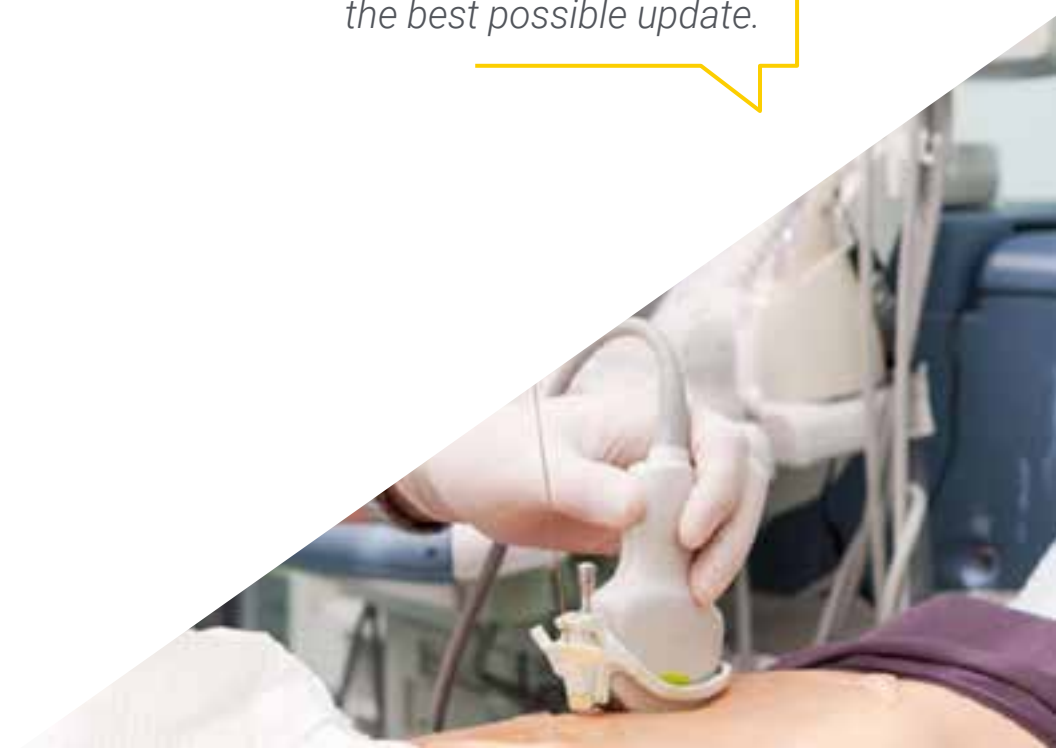
You will be able to continue to offer the best practice in liver transplant care and intervention, thanks to the up-to-date methods and knowledge of this program.

You will be backed by a teaching team of great technical, academic and human quality, ready to give you the best possible update.

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.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive learning, 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 throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system, created by renowned experts.



02 Objectives

The program of this Postgraduate Certificate, together with a unique teaching methodology, will allow students to achieve the proposed objectives, so that they can update and deepen their knowledge in liver transplantation. To this end, different medical professionals have poured their knowledge into the development of the points of the study plan, which will provide the professional with a complete perspective and a current approach, with full training for the achievement of his or her academic goal. For this reason, TECH establishes a series of general and specific objectives that the future graduate will master after completing this program.

The background of the slide features a diagonal split. The upper right portion shows a blurred red medical device, possibly a syringe or part of a machine. The lower left portion is a solid blue triangle. Overlaid on the bottom right is a blurred image of a document with the word 'Hepatitis' printed in a large, bold, sans-serif font.

Hepatitis

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You will achieve your most ambitious professional updating goals, thanks to TECH's advanced teaching methodology"



General Objectives

- ◆ Update the specialist's knowledge in the management of patients with liver disease, taking into account the latest advances in the field of hepatology, in order to provide, safe quality care and improve the prognosis of the disease



You will learn about the latest studies on factors associated with early and late mortality in transplant patients, with promising advances in patient survival





Specific Objectives

- ◆ Learn about the most recent waiting list management, with the current indications and selection of patients
- ◆ Delve into the potential problems of severe acute liver failure and infections in liver transplantation
- ◆ Study the latest findings on immunosuppression in liver transplantation and how it affects acute and chronic rejection
- ◆ Delve into hepatocarcinomas and de novo tumors, as well as their state-of-the-art approach after liver transplantation

03

Course Management

TECH University has renowned medical professionals for the student to acquire a solid knowledge in key advances for liver transplantation. Therefore, this Postgraduate Certificate has a team of highly qualified teachers, whose extensive experience in this field of medicine brings excellence to the program, resulting in a quality syllabus and the best tools for the student in the development of their skills during the program. In this way, the student has the quality guarantees required to enter the field of hepatology with success.



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By choosing this program you will be accessing the best academic option in liver transplantation updates, supported by exemplary professionals in the field of hepatology"

International Guest Director

Dr. Doan Y. Dao is an internationally recognized figure in the study and care of patients affected by Hepatitis B virus (HBV). As director of the Center of Excellence for Liver Disease in Vietnam (COE), he leads Johns Hopkins University's initiatives to help address the growing, urgent and significant disease burden of Liver Cancer caused by Hepatitis B in Vietnam.

As CEO, Dr. Dao is responsible for managing projects that contribute to the delivery of medical services to combat these diseases. This is an ongoing collaboration with the Johns Hopkins School of Medicine, where he also fosters scientific research and educational activities related to specialization in diagnosis and effective therapeutic treatments.

As a member of the Board of Directors of V-VHA (Vietnam Viral Hepatitis Alliance), he has played a crucial role in promoting clinical care and international scientific studies in HBV. In addition, he was co-chair of the National Task Force on Hepatitis B: Focus on Asian and Pacific Islander Americans, where he worked tirelessly to raise awareness of the condition.

He has received several awards throughout his career, such as the Hepatitis Fund for the Cure Postdoctoral Research Fellowship (2014), awarded by the American Liver Foundation; or the Asian Heritage Award in Public Health (2016), presented by the Asian Heritage Society of California. In addition, he was named Everyday Hero (2016) by the American Liver Foundation, thanks to his efforts in addressing Hepatitis B, both in the United States and Vietnam. His clinical training in Internal Medicine and Gastroenterology and Hepatology at UT Southwestern Medical Center in Dallas, Texas, along with his commitment to academic medicine, have allowed him to lead groundbreaking research in search of a cure for HBV.



Dr. Dao, Doan Y

- Director of the Center of Excellence for Liver Disease in Vietnam (COE) at the
- Johns Hopkins University School of Medicine
- Assistant Professor of Medicine, Division of Gastroenterology and Hepatology, at Johns Hopkins University School of Medicine
- Co-Chair of the National Task Force on Hepatitis B: Focus on Asian and Pacific Islander Americans
- Fellow in Internal Medicine, Gastroenterology and Hepatology at UT Southwestern Dallas Medical Center
- Medical Degree from UT Southwestern Medical Center at UT Southwestern Dallas
- Awards Received:
- Hepatitis Fund for the Cure Postdoctoral Research Fellowship (2014), by the American Liver Foundation
- Asian Heritage Award in Public Health (2016), by the Asian Heritage Society of California
- Everyday Hero (2016) by the American Liver Foundation
- He is a member of:
- V-VHA (Vietnam Viral Hepatitis Alliance).
- Hepatitis B Foundation
- Dallas Fort Worth (DFW) Hepatitis B Free

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

Management



Dr. García Samaniego, Javier

- Head of the Hepatology Department, La Paz University Hospital, Madrid
- Group Leader and Lead Researcher of the Hepatic and Digestive Diseases at the La Paz University Hospital/IdiPAZ. CIBERehd of the Carlos III Health Institute, Madrid
- Trustee of the Biomedical Research Foundation of La Paz University Hospital and member of the Governing Council of IdiPAZ.
- Coordinator at the Alliance for the Elimination of Viral Hepatitis in Spain (AEHVE)
- He graduated in medicine from the University of Santiago in 1983 and obtained his PhD in 1996 from the Autonomous University of Madrid
- He has participated in numerous nationally and internationally funded research projects
- FIS and ANEP project evaluator
- He has been a member of the board of directors of the AEEH and of the Regional Ethics and Clinical Research Committee of the Community of Madrid
- He has participated in Guidelines and therapeutic protocols for viral hepatitis: consensus for the treatment of viral hepatitis in HIV-positive patients
- Coordinator for the Spanish Guidelines for the treatment of hepatitis B promoted by the AEEH (2020).
- Lead investigator in more than 60 international clinical trials on the treatment of viral hepatitis.
- Guest lecturer at numerous national and international congresses, as well as in Spanish and international forums, especially on the management of viral hepatitis B and C treatment. He has participated in the elaboration of the AEEH hepatitis C elimination document (2019) and is the coordinator of the hepatitis B treatment guidelines (2020)



04

Structure and Content

The content of this Postgraduate Certificate has been organized under a single module that includes all the relevant information on liver transplantation, so that the student acquires full knowledge of this procedure. Thus, it will address the main developments in this regard, including the expansion of liver transplant criteria, biliary complications and long-term management of the transplanted patient, among other topics of interest. In this way, the professional expands and updates his/her knowledge in this field of medicine, thanks to a syllabus prepared by expert hepatologists. All in all, thanks to the proposed syllabus, the student will acquire the skills to develop professionally in this medical specialty thanks to quality content and the best teaching methodology.



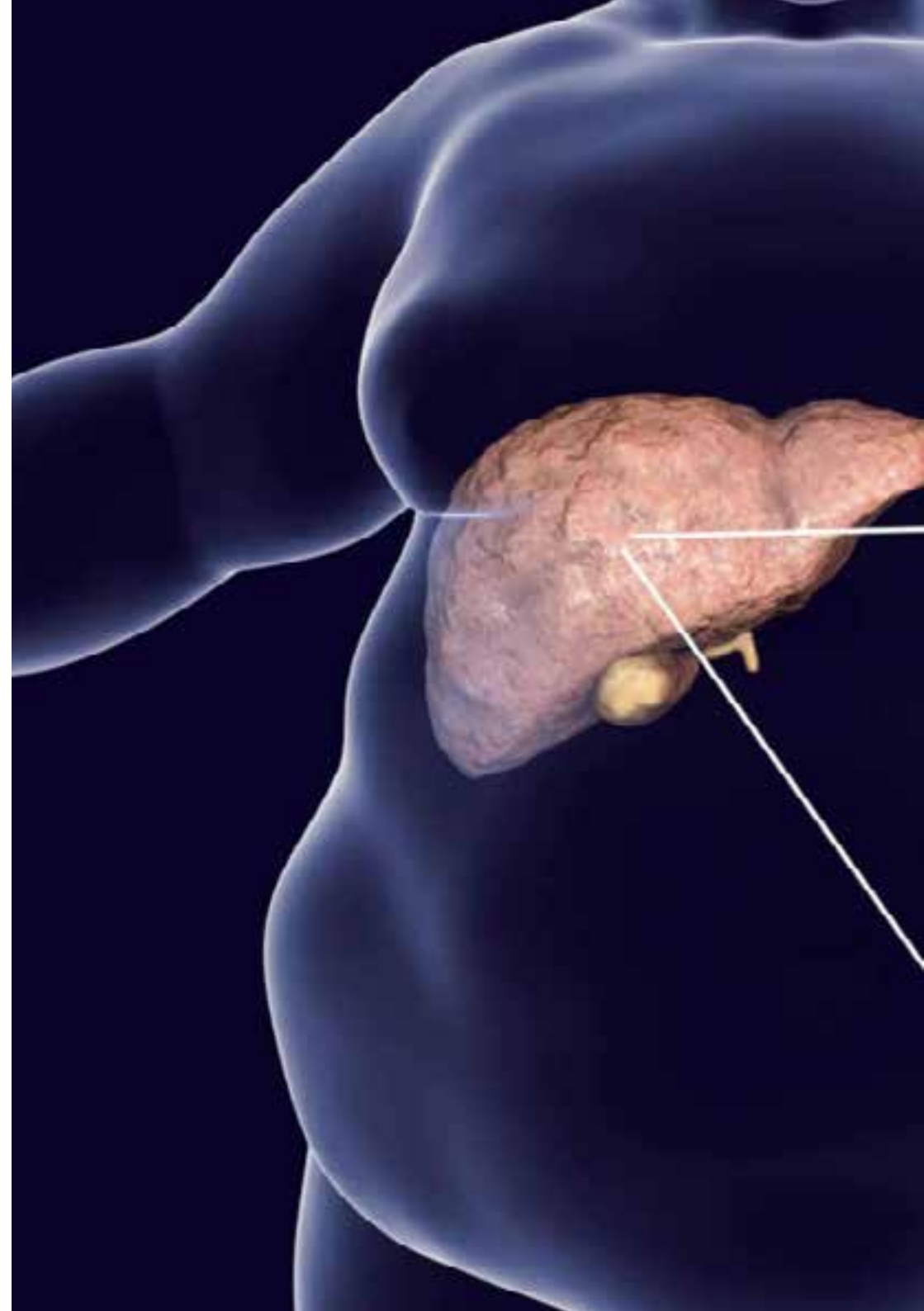


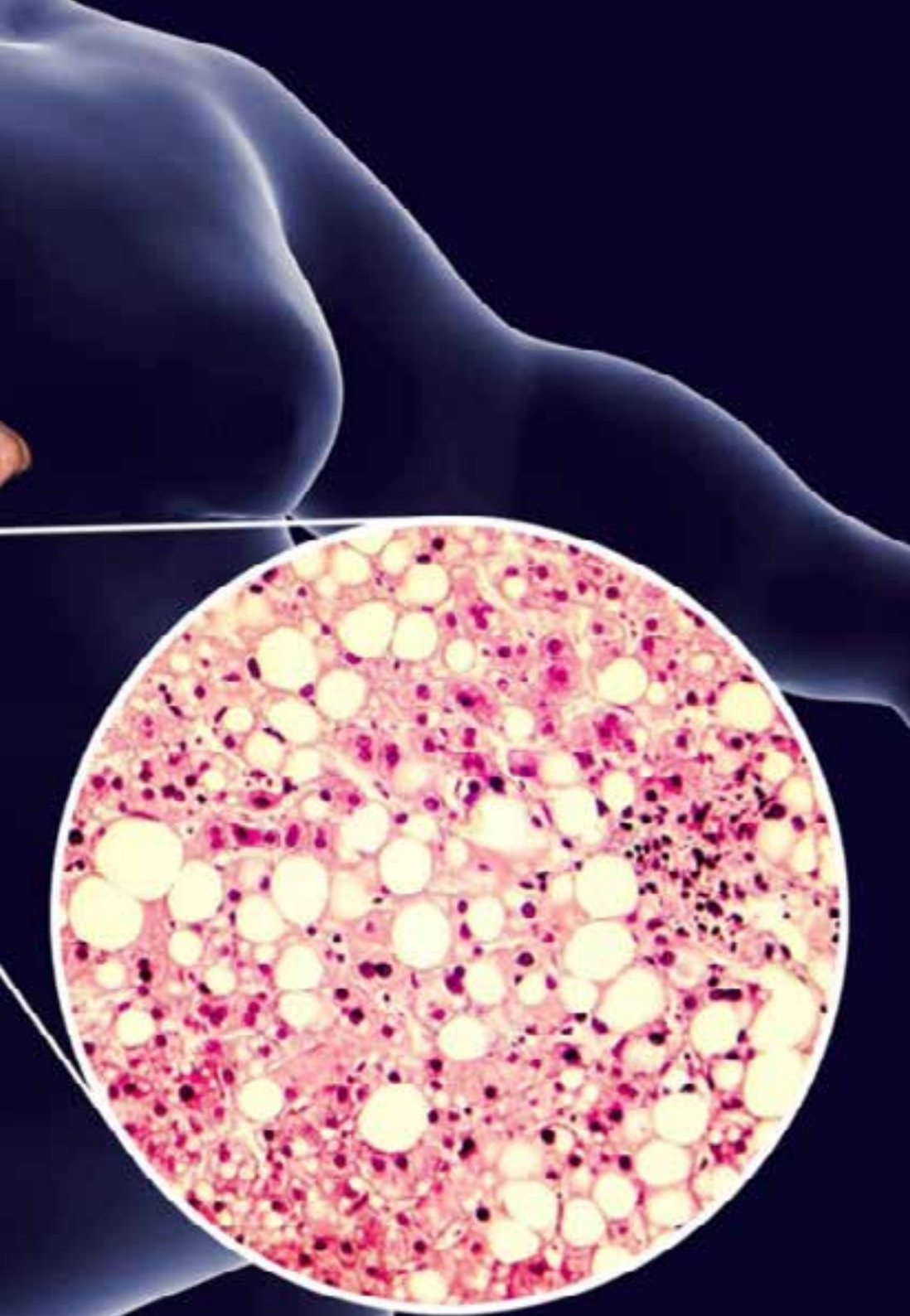
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If you're looking to get up to speed on liver transplantation, this TECH Postgraduate Certificate is made for you”

Module 1. Liver Transplant

- 1.1 Indications, Patient Selection, and Waiting List Management
- 1.2 Expansion of Liver Transplant Criteria. Organ Preservation Strategies
- 1.3 Severe Acute Liver Failure
- 1.4 Liver Transplant Surgery
- 1.5 Infections and Liver Transplantation
- 1.6 Immunosuppression in Liver Transplantation. Acute and Chronic Rejection
- 1.7 Biliary Complications
- 1.8 Long-Term Management of Transplanted Patients
- 1.9 Hepatocarcinoma and De Novo Tumors After Liver Transplantation
- 1.10 Survival in Liver Transplantation. Factors Associated with Early and Late Mortality





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The large amount of material and audiovisual support that you will find in this program will be of great help for your study work"

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. Gervas, 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 Harvard case method with the best 100% online teaching methodology available: Relearning.

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 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).

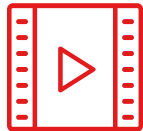
With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and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

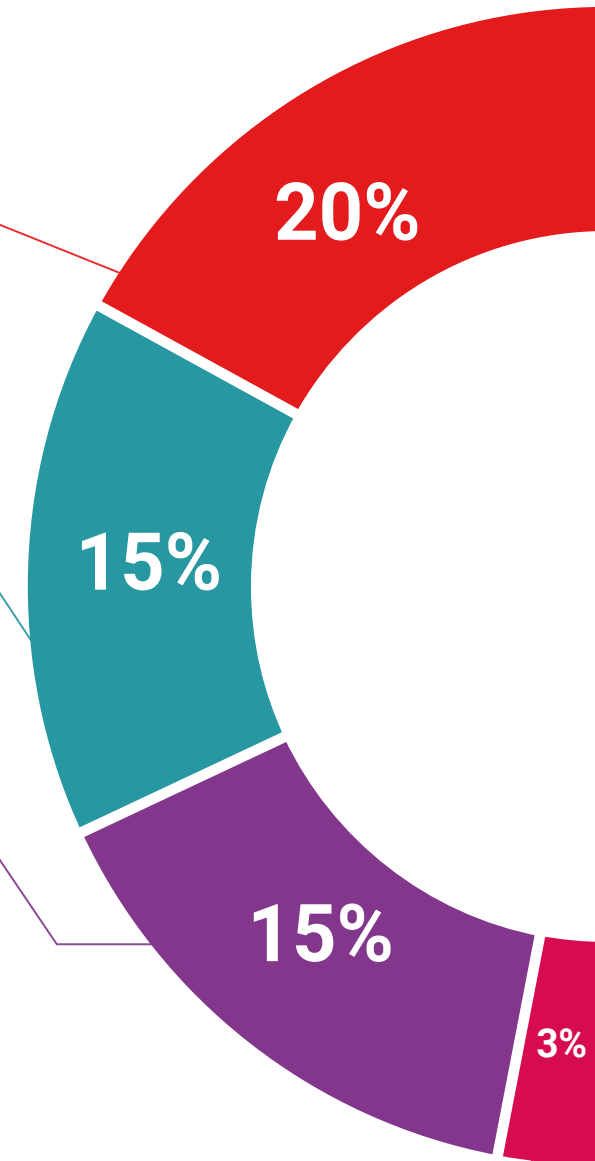
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

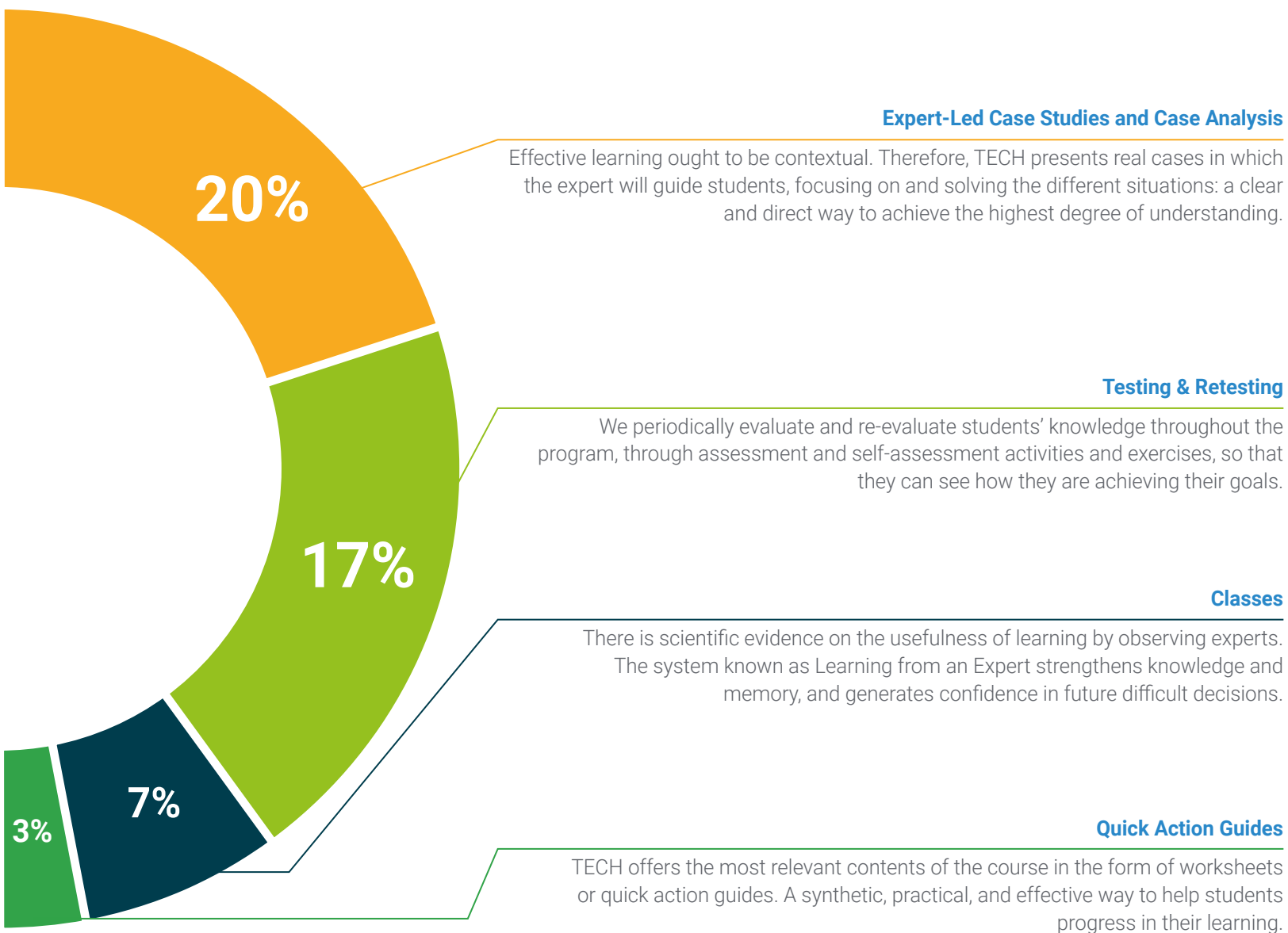
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.





06 Certificate

The Postgraduate Certificate in Liver Transplantation 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 a **Postgraduate Certificate in Liver Transplantation** 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 Liver Transplantation**

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 quality
development language
virtual classroom



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