

Postgraduate Certificate

Viral Hepatitis





Postgraduate Certificate

Viral Hepatitis

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/viral-hepatitis

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01

Introduction

Around 70 million people around the world are infected with HCV which entails that, for example, 1% of the population of Spain have hepatitis C, being the most frequent cause of chronic liver disease and indication for liver transplantation. Thus, viral hepatitis is considered one of the major problems of public health worldwide, since there are 6 different viruses that cause it, type A, B, C, D, E and G. Given the need for control of viral hepatitis and due to the significant number of individuals suffering from these pathologies, it is essential that the specialist can respond adequately to the evolution of these events by adequately updating their knowledge and incorporating these advances in their daily medical practice, which is why TECH has developed this comprehensive program in response to a highly demanded specialty.



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Specialize with TECH in the diagnosis, management and treatment of Viral Hepatitis and boost your academic career in a field of medical study with future projection"

Viral hepatitis is considered one of the world's major public health problems. It is a liver infection that can be caused by 6 different viruses (A, B, C, D, E and G). The causative agents differ in biological, immunological, pathological and epidemiological characteristics. It is believed that about 70 million people in the world are infected with HCV. In Spain alone, for example, 1% of the population (475,000 people) have hepatitis C, being the most frequent cause of chronic liver disease and indication for liver transplantation.

Transmission of the Hepatitis C virus, for example, is through contaminated blood and body fluids. Likewise, the virus can pass from an infected mother to her child during delivery. The risk of complications is higher in people who have been infected by a blood transfusion and in those patients who also have other viral infections (HIV or hepatitis B) or other health problems affecting the liver, such as alcoholism. In this sense, it is important to point out that there is no vaccine that helps to have the defences prepared in case of infection, so treatment with antivirals is recommended, such as for Hepatitis B.

Given the need to monitor viral hepatitis and due to the significant number of individuals suffering from these pathologies, it is essential that the specialist can respond adequately to the evolution of these events, by adequately updating their knowledge and incorporating these advances in their daily medical practice, which is why TECH has developed this comprehensive program, in response to a demanded specialty.

In addition, it is a 100% online Postgraduate Certificate, which provides the students with the ease of being able to take 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



You will successfully address the methods of diagnosis of fibrosis in Hepatitis C and the main therapeutic options available"

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You will learn everything about Hepatitis B: its history, diagnosis and the therapeutic options to control it, as well as its management during pregnancy or after a transplant”

Our main objective is to help our students to achieve academic and professional experience.

Analyze the special populations affected by hepatitis B and C, with the latest scientific studies on the subject.

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 the student to achieve the proposed objectives, in order to update and delve into the medical branch of hepatology, developing the necessary skills to diagnose, manage and treat the different viral hepatitis. To this end, different medical professionals have poured their knowledge into the development of the points of the curriculum, which will drive the professionals from a complete perspective and a current approach, with full training for the achievement of their professional goal. For this reason, TECH establishes a series of general and specific objectives that the future graduate will master after completing this program.



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*Your goal is your future and with this TECH
Postgraduate Certificate you are on your way
to medical excellence in hepatology”*



General Objective

- ♦ Expand 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 quality, safe care and to improve the prognosis of the disease





Specific Objectives

- ♦ Describe the pathogenic basis of viral hepatitis, its diagnosis, and treatment

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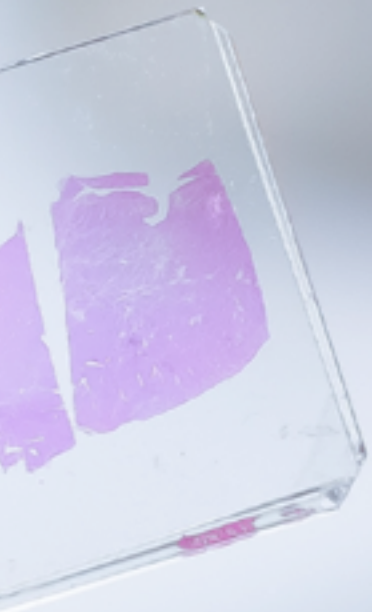
You will successfully describe the pathogenic basis of viral hepatitis, producing a correct diagnosis and an effective treatment”

03

Course Management

TECH University has renowned medical professionals for the student to acquire a solid knowledge in the specialty of hepatology, specifically in the diagnosis, management and treatment of existing viral hepatitis. For this reason, this Postgraduate Certificate has a team of highly qualified teachers, whose extensive experience in this field of medicine bring excellence to the program, resulting in a quality syllabus and the best tools for the students in the development of their skills during the program. In this way, the student has the quality guarantees required to apply the knowledge acquired in their daily work.





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The best hepatologists will guide you in the diagnosis of hepatitis A, B, C or D and will provide you with the knowledge of their day-to-day work through an updated and innovative syllabus"

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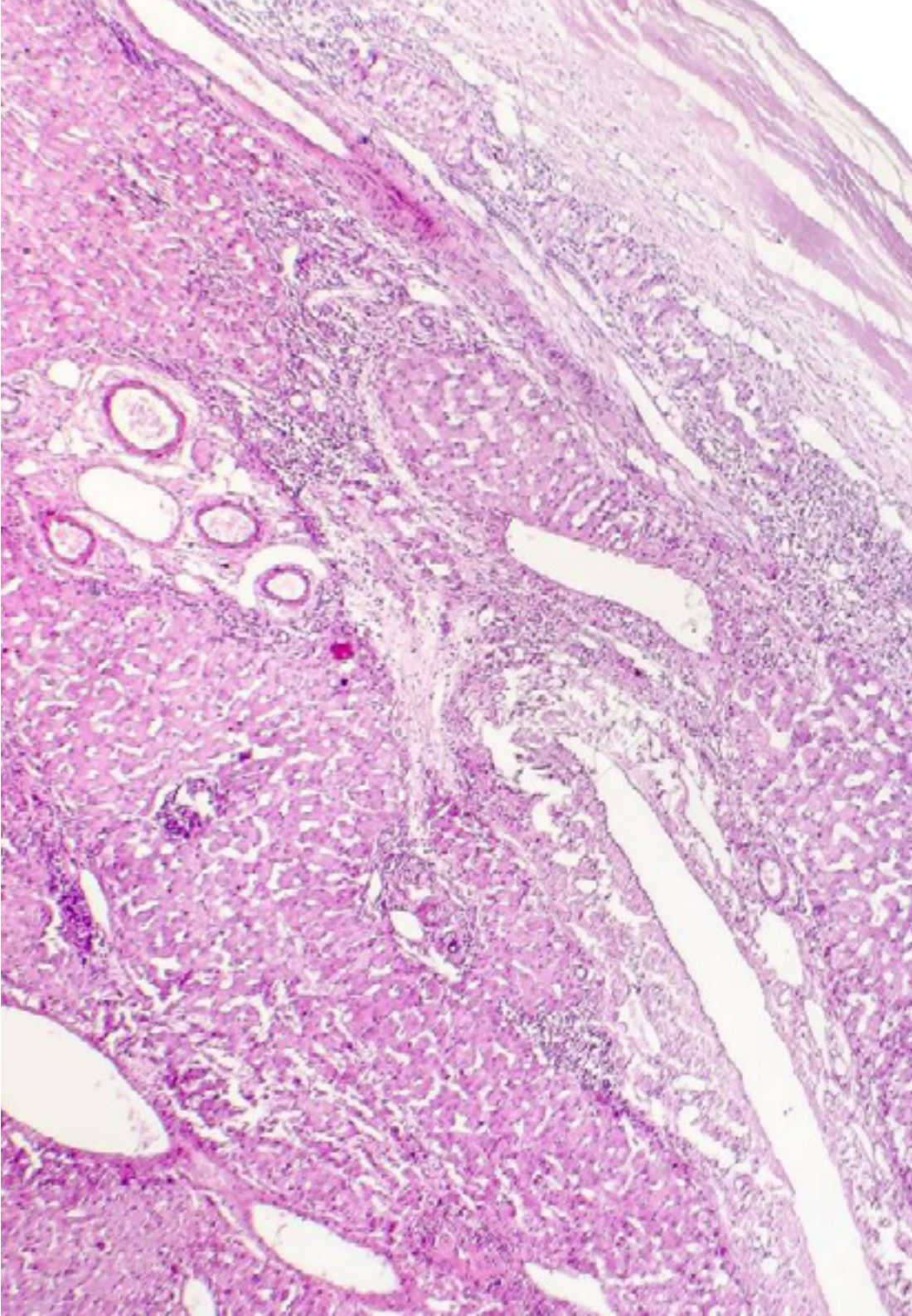
Thanks to TECH, you will be able to learn with the best professionals in the world”

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)



Professors

Dr. Madejón Seiz, Antonio

- ◆ Postdoctoral Researcher, Biomedical Research Networking Center (Centro de Investigación Biomédica en Red (CIBER))
- ◆ Training of medical personnel at drug addiction centers for early diagnosis and prison doctors to update strategies for the treatment approach to chronic hepatitis C in HIV mono- and co-infected patients"
- ◆ PhD in Biology, Autonomous University of Madrid, 1997.
- ◆ Degree in Biology



Complete, up-to-date and highly efficient education, this program is your chance to boost your job skills and compete among the best in the industry"

04

Structure and Content

The structure of the contents of this Postgraduate Certificate has been designed in such a way that it introduces the student to the diagnosis, management and treatment of viral hepatitis. Thus, it will address Hepatitis A, B, D, C and E, in addition to other types of viral hepatitis. In this way, the professional expands and updates his/her knowledge in this field of medicine, thanks to a syllabus prepared by expert hepatologists focused on viral hepatitis. 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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You will gain an in-depth understanding of the natural history of Hepatitis C and the risk factors for disease progression”

Module 1. Viral Hepatitis

- 1.1. Hepatitis A
- 1.2. Hepatitis B (Personal Protective Equipment [PPE], Natural History and Diagnosis)
- 1.3. Hepatitis B (Treatment)
- 1.4. Hepatitis B (Special Populations)
- 1.5. Hepatitis D
- 1.6. Hepatitis C (Personal Protective Equipment [PPE], Natural History and Diagnosis)
- 1.7. Hepatitis C (Treatment)
- 1.8. Hepatitis C (Special Populations)
- 1.9. Hepatitis E
- 1.10. Other Viral Hepatitis





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*Make the most of this opportunity!
This program is a unique training
experience, key for your professional
future in hepatology"*

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

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 assess 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

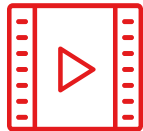
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

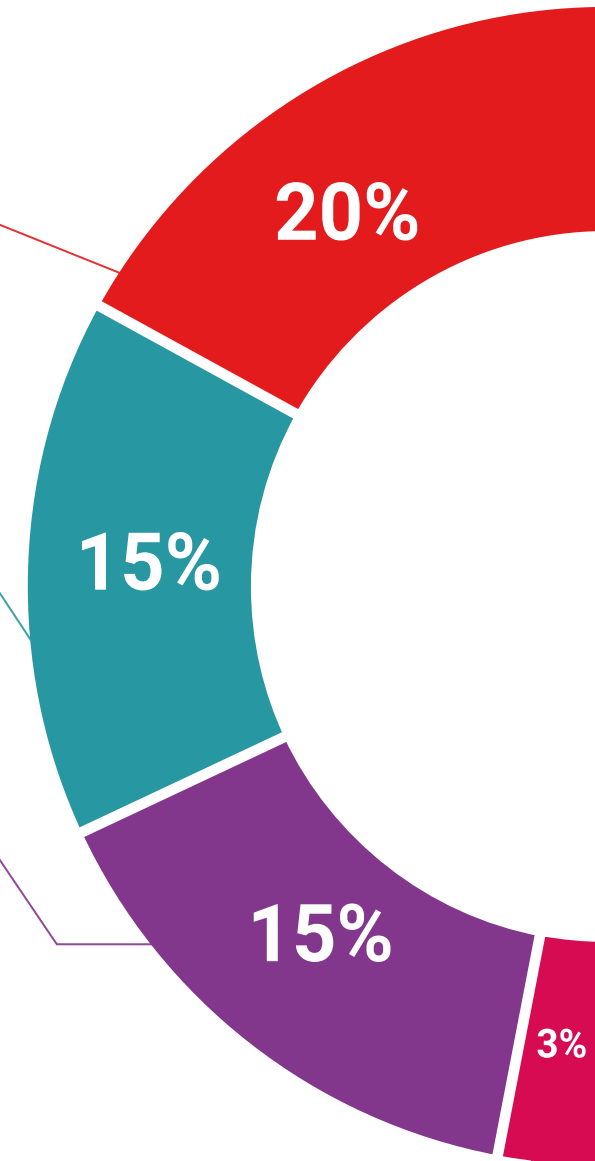
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

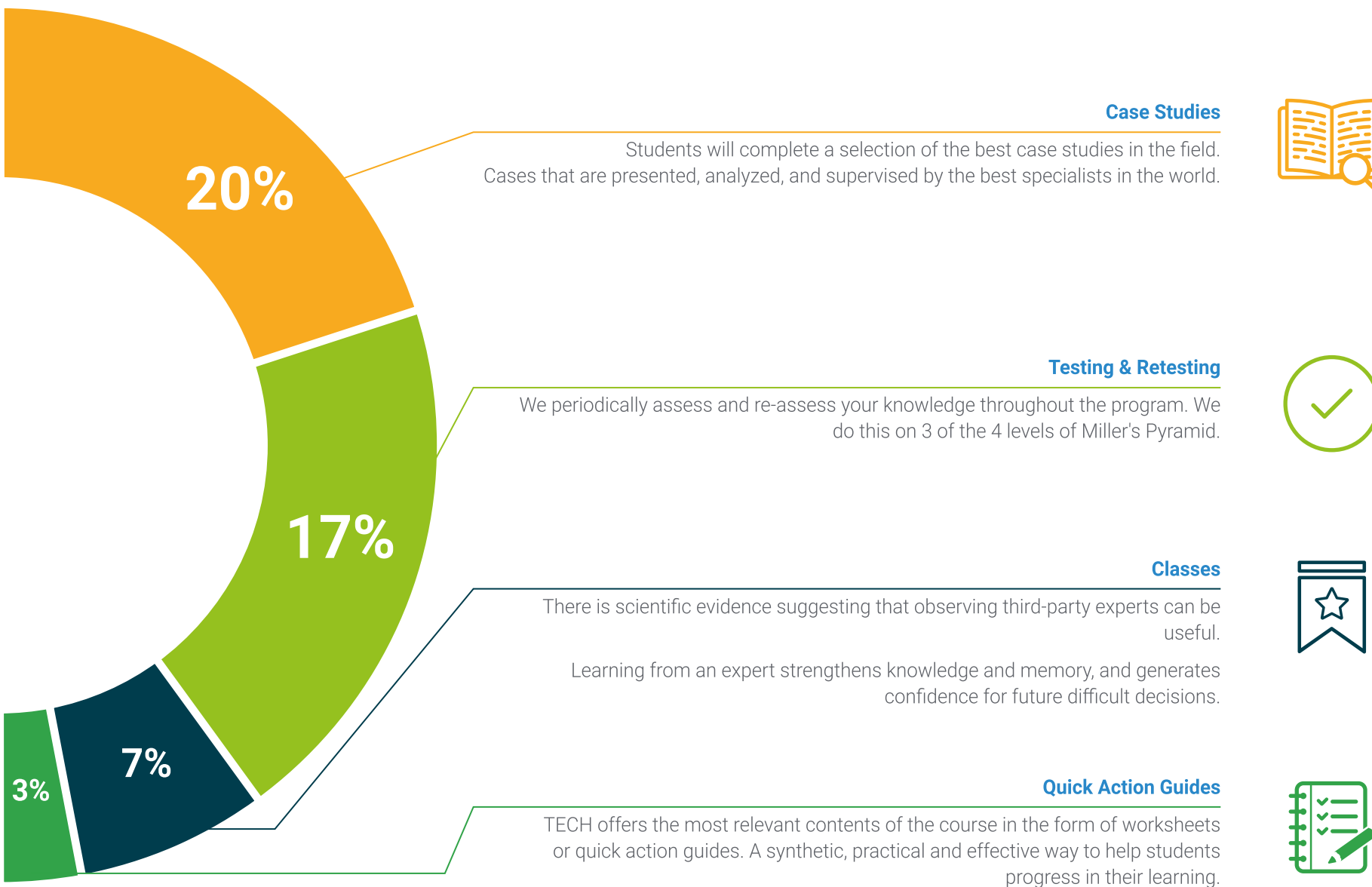
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





06 Certificate

The Postgraduate Certificate in Viral Hepatitis 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 private qualification will allow you to obtain a **Postgraduate Certificate in Viral Hepatitis** 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** private qualification 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 Viral Hepatitis**

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



Postgraduate Certificate Viral Hepatitis

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

Postgraduate Certificate

Viral Hepatitis

