

Postgraduate Certificate

Update on Cardiac Emergencies in Primary Care



Postgraduate Certificate

Update on Cardiac Emergencies in Primary Care

- » Modality: online
- » Duration: 4 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-certificate/update-cardiac-emergencies-primary-care

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01

Introduction

Cardiac emergencies are among the most frequently encountered pathological conditions managed by nursing professionals in Primary Care emergency services. A prompt and accurate response can significantly reduce mortality and complications in patients. This Postgraduate Certificate is designed to provide a practical update of professional knowledge, enabling healthcare practitioners to improve the care provided to patients with severe cardiac conditions in Primary Care settings.



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This Postgraduate Certificate addresses the key aspects of cardiac emergencies in Primary Care, enabling you to respond effectively to situations that may pose a risk to the patient's life. Learn how to identify, initially care for and eventually transfer cardiovascular pathology patients from primary care to a hospital center”

Primary Care represents the main gateway to the healthcare system, often receiving patients with potentially severe conditions that require immediate and complex intervention—frequently with limited resources. This makes the role of the nursing professional attending to emergencies in Primary Care absolutely essential.

The Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care offers a comprehensive program that includes care plans for cardiac emergencies commonly encountered by nursing professionals in their daily practice. It supports quick and accurate decision-making in these critical situations and has been developed based on the latest scientific evidence and the experience of renowned professionals in the field of Primary Care.

This program is designed to help nursing professionals update their knowledge in order to deliver high-quality care when faced with cardiovascular and respiratory emergencies in the context of primary healthcare.

This **Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ Clinical cases presented by experts. Its graphic, schematic, and highly practical content provides scientific and clinical information on the essential medical disciplines required for professional practice
- ♦ Diagnostic and therapeutic innovations in the care of patients with acute cardiac conditions
- ♦ It includes nursing procedures for managing cardiac emergencies in Primary Care
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an internet connection



*With this Postgraduate Certificate
you can update your knowledge
of Cardiovascular patient care in
emergencies, improve prognosis and
reduce sequelae and complications”*

“

This Postgraduate Certificate may be one of the best investments you can make when choosing a professional development program, for two main reasons: not only will you update your knowledge through the Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care, but you will also earn an official diploma issued by TECH Global University”

The teaching staff includes leading nursing professionals, who contribute their work experience to this refresher program, in addition to other specialist professionals in primary healthcare.

Thanks to its multimedia content, developed with the latest educational technology, professionals will benefit from situated and contextual learning—simulated environments designed to provide immersive learning experiences that prepare them for real-life situations.

The design of the program is based on Problem-Based Learning, by means of which the nursing professional must try to solve the different professional practice situations that arise throughout the program. To this end, the program features an innovative interactive video system developed by renowned experts in Primary Care nursing, all with extensive teaching experience.

This program offers training in simulated environments, which provides an immersive learning experience designed to train for real-life situations.

It includes clinical cases to bring the development of the program as close as possible to the reality of nursing care.



02 Objectives

The Postgraduate Certificate is designed to provide a comprehensive review of the main aspects involved in managing patients with urgent conditions in Primary Health Care, based on scientific evidence and the experience of renowned professionals.





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This program will give you a sense of confidence when taking decisions and providing care, which will help you grow both personally and professionally”



General Objective

- Update nursing professionals in the care of patients with acute cardiac conditions in primary healthcare centers



Take this opportunity and take the step toward updating your knowledge in the most important aspects of the Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care”





Specific Objectives

- ◆ Describe the clinical characteristics and emergency treatment of cardiac disorders
- ◆ Identify the clinical features of chest pain
- ◆ Apply the appropriate treatment for a patient presenting with chest pain
- ◆ Identify early signs of a patient with acute myocardial infarction
- ◆ List the clinical characteristics of acute myocardial infarction
- ◆ Apply the correct treatment for a patient with acute myocardial infarction
- ◆ List the clinical characteristics of a patient with stable or unstable angina
- ◆ Apply the appropriate treatment for a patient with unstable angina
- ◆ Identify the clinical features of a patient with acute heart failure
- ◆ Apply the correct treatment for a patient with acute heart failure
- ◆ Describe the clinical and electrocardiographic characteristics of atrial fibrillation
- ◆ Establish the appropriate management of a patient with atrial fibrillation
- ◆ Identify the clinical features of a patient with pericarditis
- ◆ Apply the correct treatment for a patient with pericarditis
- ◆ Distinguish between hypertensive urgency and hypertensive emergency
- ◆ Apply the correct treatment for a patient experiencing a hypertensive crisis
- ◆ Define the clinical characteristics of a patient in shock
- ◆ Establish the correct course of action for managing a patient in shock
- ◆ Define the clinical characteristics of a patient with syncope
- ◆ Establish the appropriate response sequence for managing a patient with syncope
- ◆ Define the clinical characteristics of a patient with acute pulmonary edema
- ◆ Establish the correct course of action for managing a patient with acute pulmonary edema

03

Course Management

The teaching faculty of this program includes leading nursing professionals in the field of Primary Health Care, who bring to this training the wealth of their clinical experience. In addition, other distinguished specialists have participated in the development of the course content, enriching the program through an interdisciplinary approach.





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Learn from renowned experts about the latest advances in the care of patients with cardiac conditions in Primary Care”

Management



Dr. Sendra Más, Juan Amaro

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Family and Community Medicine
- ♦ Doctor in the Emergency Medical Care Services (SAMU). Valencian Community, Spain
- ♦ Helicopter Medicalized Physician SAMU
- ♦ Assistant Physician in the Emergency Department of the Vega Baja Hospital Currently, Physician at UME 1 (Emergency Medical Unit 1)
- ♦ Member of the Spanish Society of Emergencies with CME certification (Emergency and Urgency Medicine Certificate)
- ♦ Professional teaching experience in University Master's Degrees and Postgraduate Courses



Ms. Balboa Navarro, Ana

- ♦ Diploma in Nursing
- ♦ Emergency Nurse at the General Hospital of Elche. Alicante, Spain
- ♦ Master's Degree in Nursing Sciences from the University of Alicante
- ♦ Instructor of Basic Life Support and Advanced Cardiovascular Life Support at the Spanish Society of Emergency Medicine and American Heart Association (SEMES-AHA)
- ♦ Instructor in Pediatric and Neonatal CPR, certified by the Spanish Group for Pediatric and Neonatal CPR (GERCPPN)
- ♦ Holder of the APLS credential in Pediatric Emergency Care, awarded by the American Academy of Pediatrics and the American College of Emergency Physicians
- ♦ Professional teaching experience in University Masters and Postgraduate Courses

Faculty

Balboa Navarro, Ana

- ♦ Diploma in Nursing
- ♦ Emergency Nurse at the General Hospital of Elche. Alicante, Spain
- ♦ Master's Degree in Nursing Sciences from the University of Alicante
- ♦ Instructor of Basic Life Support and Advanced Cardiovascular Life Support by the Spanish Society of Emergency Medicine and American Heart Association (SEMES-AHA)

Dr. Fernández, Marian

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Family and Community Medicine
- ♦ Attending Physician in the Emergency Department at Elda Hospital. Alicante, Spain
- ♦ Attending Physician in the Emergency Department at Elche Hospital. Alicante, Spain
- ♦ Degree in Medicalized Health Transport
- ♦ Professional teaching experience in University Masters and Postgraduate Courses

Dr. Gavilán Martín, Cristina

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Doctor of Medicine from the Miguel Hernández University of Elche
- ♦ Specialist in Family and Community Medicine
- ♦ Member of the Teaching Unit of Alicante, Spain
- ♦ Attending Physician in Pediatric Emergency at the General Hospital of Elche. Alicante, Spain
- ♦ Member of the Spanish Society of Pediatric Emergencies (SEUP)
- ♦ Holder of the APLS credential in Pediatric Emergency Care, awarded by the American Academy of Pediatrics and the American College of Emergency Physicians
- ♦ Professional teaching experience in University Masters and Postgraduate Courses

Dr. Sendra Más, Juan Amaro

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Family and Community Medicine
- ♦ Doctor in the Emergency Medical Care Services (SAMU). Valencian Community, Spain
- ♦ Helicopter Medicalized Physician SAMU
- ♦ Assistant Physician in the Emergency Department of the Vega Baja Hospital Currently, Physician at UME 1 (Emergency Medical Unit 1)
- ♦ Member of the Spanish Society of Emergencies with CME certification (Emergency and Urgency Medicine Certificate)

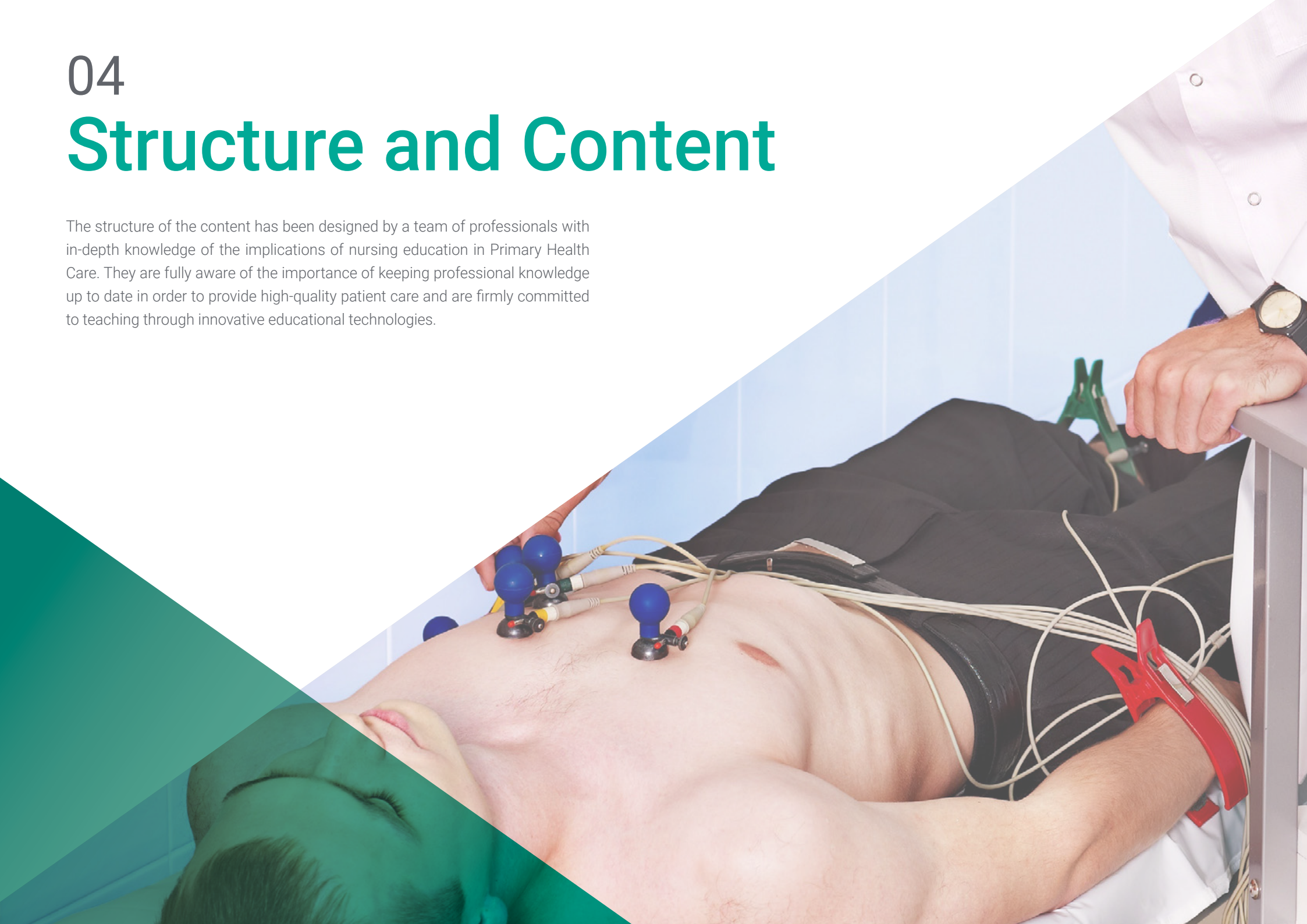
Dr. Zazo Menargues, Juan Manuel

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Family and Community Medicine
- ♦ Member of the Teaching Unit of Elche. Alicante, Spain
- ♦ SAMU Training Course
- ♦ Primary Care Physician in various cities in the province of Alicante, Spain
- ♦ Primary Care Physician at San Fermín Health Center of Elche. Alicante, Spain
- ♦ Professional teaching experience in University Masters and Postgraduate Courses

04

Structure and Content

The structure of the content has been designed by a team of professionals with in-depth knowledge of the implications of nursing education in Primary Health Care. They are fully aware of the importance of keeping professional knowledge up to date in order to provide high-quality patient care and are firmly committed to teaching through innovative educational technologies.





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This Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care offers the most complete and up-to-date scientific program on the market”

Module 1. Cardiac Emergencies in Primary Care

- 1.1. Syncope
- 1.2. Acute Chest Pain
- 1.3. Stable and Unstable Angina
- 1.4. Acute Myocardial Infarction
- 1.5. Atrial Fibrillation
- 1.6. Pericarditis
- 1.7. Hypertensive Crisis
- 1.8. Acute Heart Failure
- 1.9. Acute Pulmonary Edema
- 1.10. Shock





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A unique, essential and decisive learning experience to boost your professional development”

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.



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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.

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*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.

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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.

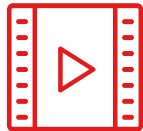
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

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

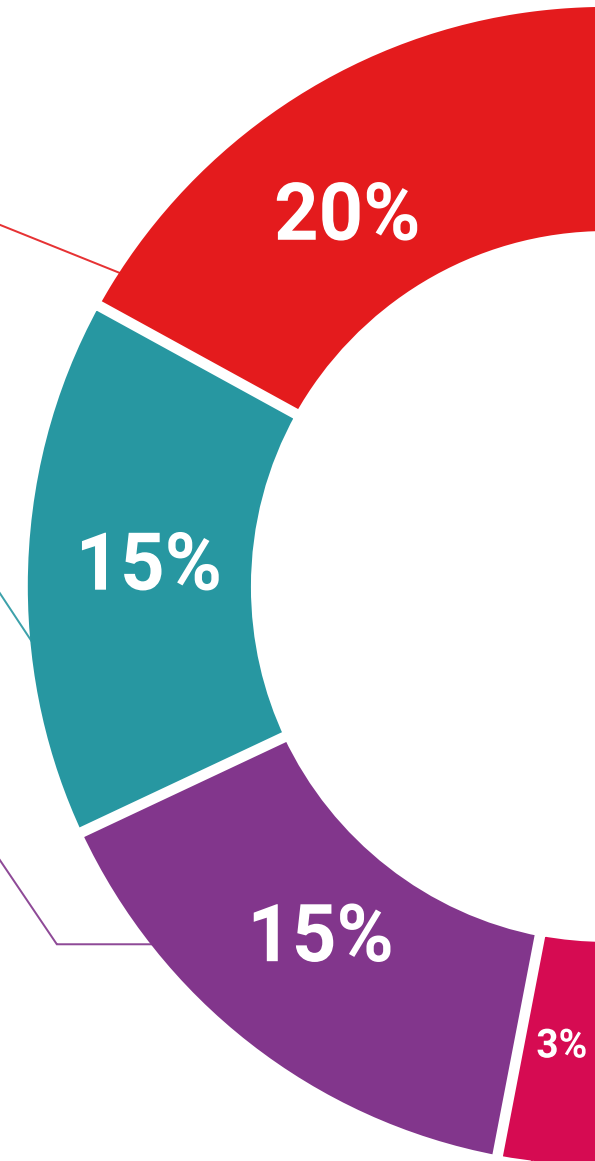
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

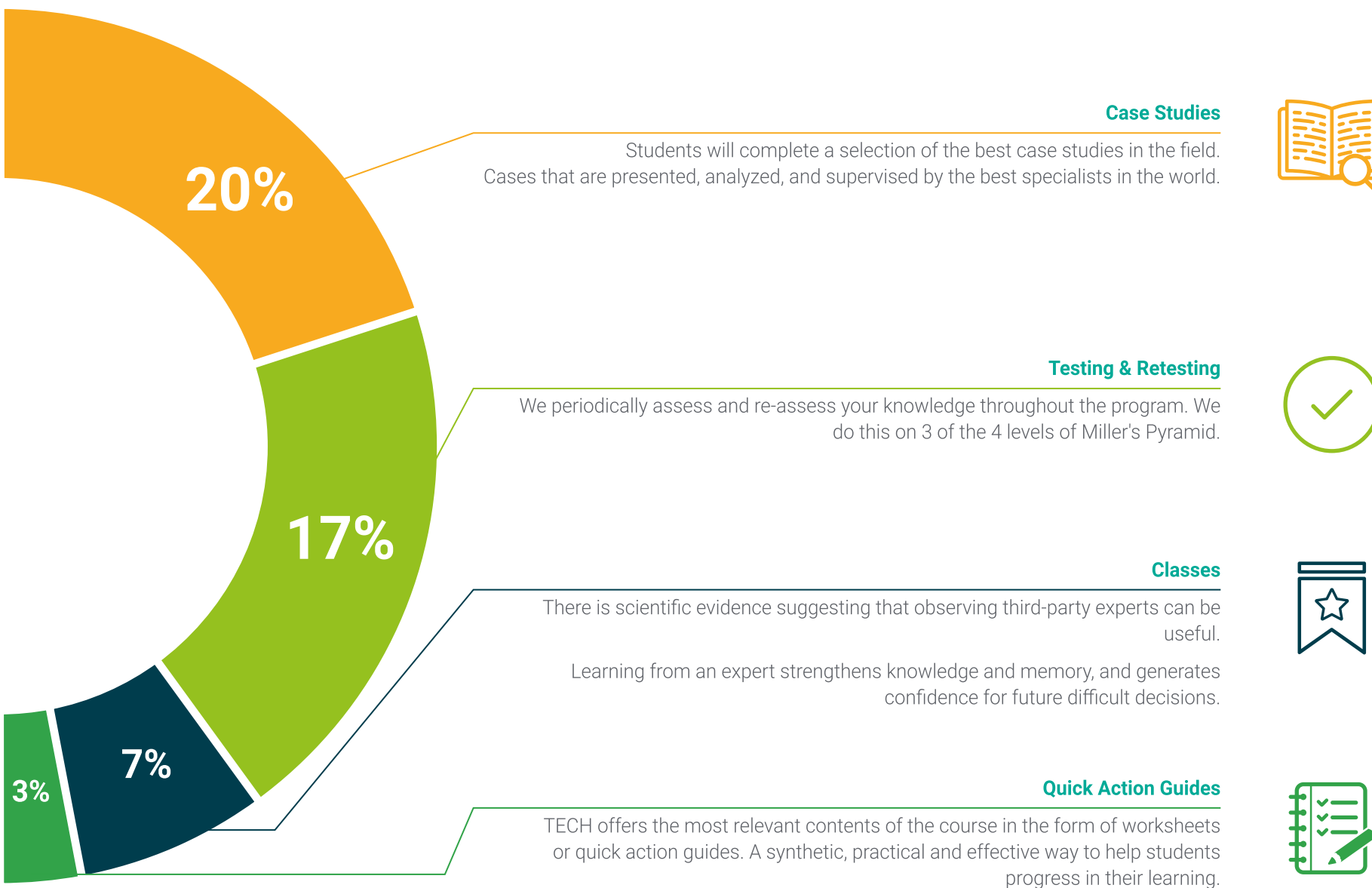
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Update on Cardiac Emergencies in Primary Care guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 diploma for the **Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care** 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.

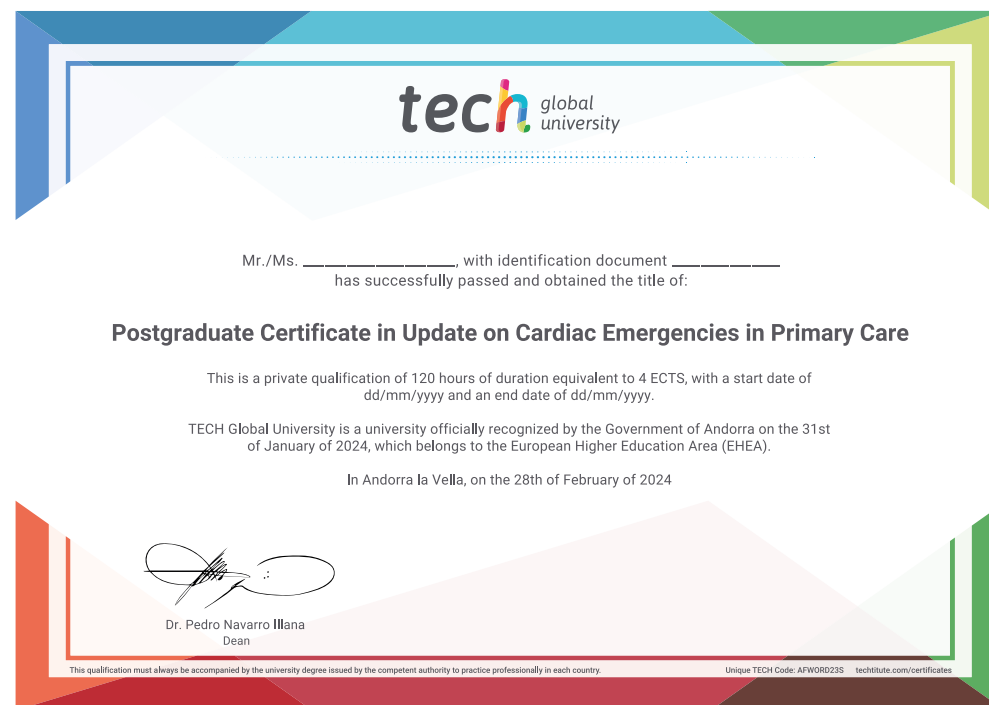
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Update on Cardiac Emergencies in Primary Care**

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