

Postgraduate Certificate

Donation Process in Emergency Services



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Donation Process in Emergency Services

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official N° of Hours: **150 h.**

Website: www.techtute.com/pk/medicine/postgraduate-certificate/donation-process-emergency-services

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01

Introduction

The end-of-life process is often one of the biggest problems faced by emergency physicians. This is because professionals often lack the adequate environment for it, as well as little therapeutic specialization. The best way to alleviate these problems is undoubtedly through specialization and, aware of this, TECH professionals have designed this program, which aims to offer an advanced review and update of the concepts surrounding end-of-life care, which in turn leads to the organ donation process. This entails a reevaluation of the importance of the role played by emergency professionals in this process, who should be able to identify and refer potential donors.





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Learn how to successfully manage the organ donation process from your work in the emergency department with this comprehensive educational program. You will become a much more capable and sought-after professional in the field”

The work of an emergency physician is undoubtedly diverse and involves many scenarios professionals must be prepared for if they are to do a proper job. These physicians can deal with everything from the simplest issues to serious clinical problems that require extensive treatment. This is what justifies the continuous demand for updated specialization on the part of emergency physicians, as they need to know how to act and adapt to the different cases they may have to face.

In this sense, one of the aspects that most concerns these professionals is the correct treatment during end-of-life and organ donation processes, as it is a crucial aspect of their work and its correct management can save lives. Aware of this, TECH professionals have designed this comprehensive educational program that aims to instruct professionals to know how to act in cases of potential donor identification and referral.

The aim of the specialization in this field is to carry out an exhaustive review of the current professions in organ donation and to update the concepts of end-of-life care and emergency donation. All this will make emergency physicians much better prepared to act in situations of this type and to do so in a more effective way, always looking after the interests of their patients.

Similarly, the Postgraduate Certificate will also address a crucial aspect during the end-of-life of potential donors: the do-not-resuscitate order. On this subject, medical-legal and ethical concepts will be discussed in depth, so professionals are better prepared to perform quality practice in this regard, always safeguarding the interests and wishes of patients.

It should be noted that this is an online Postgraduate Certificate program, so students do not have to commute or adhere to fixed schedules. On the contrary, the program is totally flexible, so students only need a computer or mobile device with an Internet connection to be able to take this Postgraduate Certificate at their own accord, so they can balance it with the rest of their daily obligations.

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

- ◆ Numerous practical cases presented in form of In Focus videos and clinical videos made by experts in Emergency Medicine
- ◆ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Practical activity presentations on procedures and techniques
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Action protocols and clinical practice guidelines which cover the most important latest developments in this specialist area
- ◆ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Its special emphasis on evidence-based medicine and research methodologies in dealing with patients requiring Emergency services
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



Only through this specialization will you learn how to properly manage such a delicate matter as organ donation during the end-of-life process in the emergency department"

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This Postgraduate Certificate marks the difference between an emergency physician and another who is highly prepared to act in any situation”

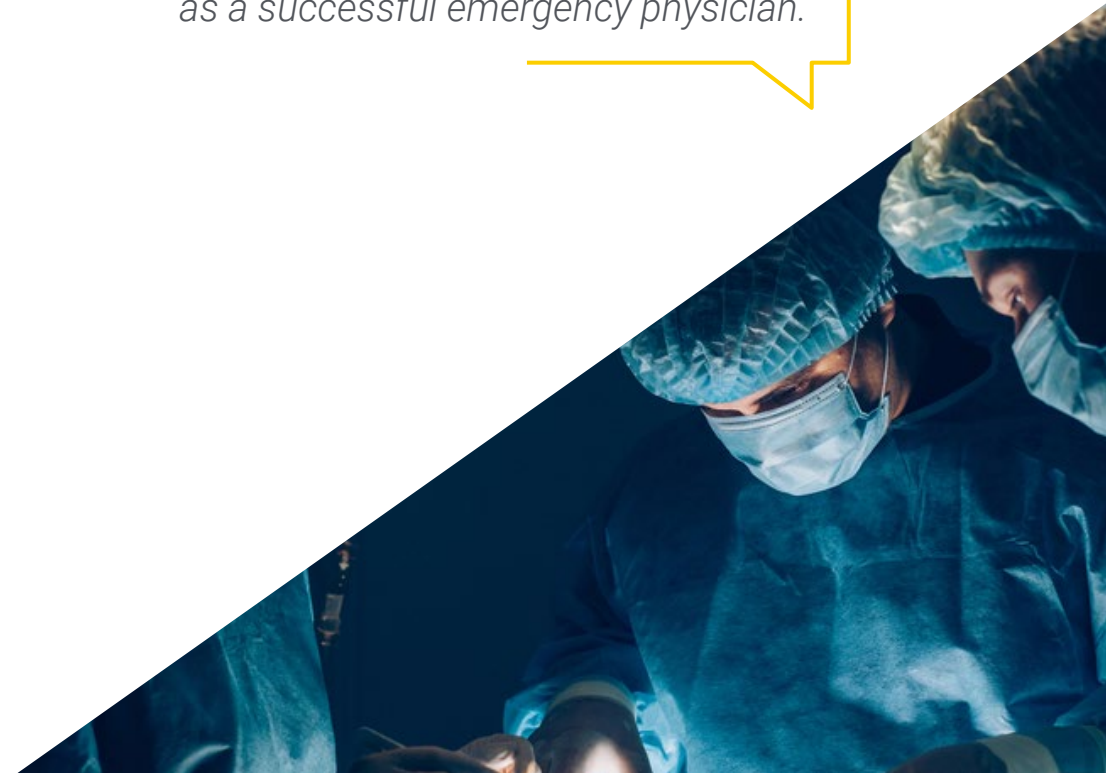
The program's teaching staff includes medical professionals, who bring their experience to this Postgraduate certificate program, as well as renowned specialists from leading scientific communities and prestigious universities.

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 learning programmed to learn 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, students will have the help of an innovative, interactive video system made by recognized and extensively experienced experts in Donation Process in Emergency Services.

You will learn, using a large amount of multimedia content, everything you need to know to manage organ donation in the emergency department.

This Postgraduate Certificate will undoubtedly make a difference in your professional career and will establish you as a successful emergency physician.



02 Objectives

The professionals at TECH have one goal: to create the most competent professionals in the field of emergency medicine and, therefore, the most sought after. To this end, it makes use of a very complete content bank designed in multimedia formats and adapted to the current student needs. Likewise, TECH assures students that, by training here, they will have access to the most reputable professionals in the field, who pour their years of practical experience into this specialization program. The program is the perfect union of professionals, syllabus and content, which makes it possible for this university to optimally specialize the best physicians in the field.





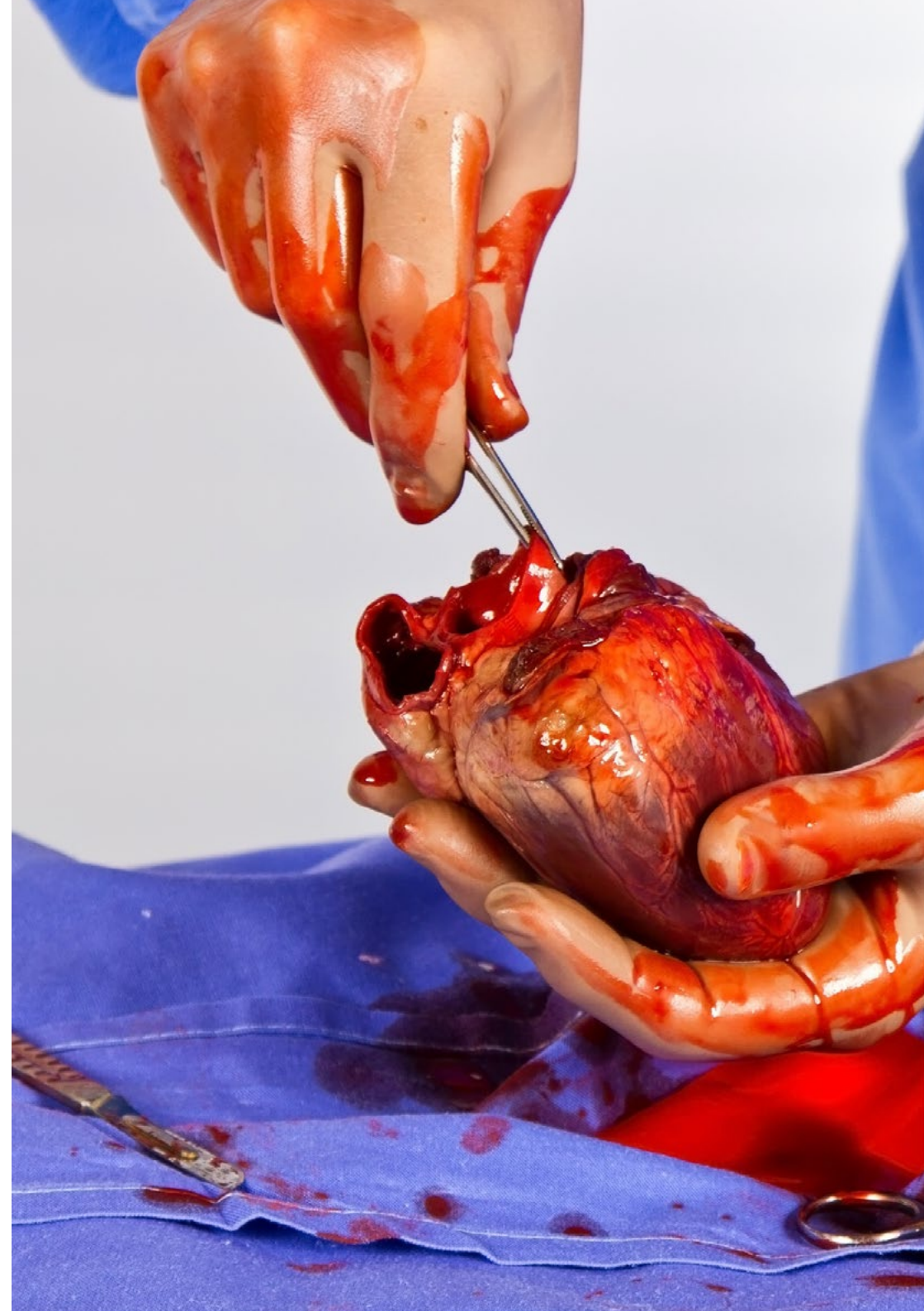
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Start today to grow as an emergency physician training with the most complete and updated program available”



General Objective

- ◆ This program is designed to help you acquire a body of knowledge related to end-of-life care, which facilitates the humane and empathetic treatment of patients. In this sense, students will study the concepts of donation and advance directives in the work within an emergency department in further detail. This, without leaving aside the medical-legal and bioethical aspects related to the donation process. Thus, at the end of the specialization, students will be much more prepared to act in situations of this nature, offering the most appropriate solutions to patients





Specific Objectives

- ◆ Acquire general notions of end-of-life care
- ◆ Broaden knowledge of therapeutic limitations in life support
- ◆ Study knowledge of advance directives in more detail
- ◆ Delve deeper into basic medical-legal and ethical concepts surrounding the do-not-resuscitate order
- ◆ Acquire knowledge of donations in emergencies and pre-interview

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With this Postgraduate Certificate, TECH's objectives and yours merge to become one: to launch your professional career so you can achieve everything you deserve”

03

Course Management

The design and creation of the theoretical and multimedia materials has been carried out by a team of leading professionals in the area of emergency medicine, who carry out their professional activity in the main hospitals in the country. They will be in charge delivering the specialization, transferring all their practical experience, so students can efficiently attend to the end-of-life process and organ donation in the Emergency department and, therefore, turn them into much more competent physicians.





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The best professionals are at the best university. Don't miss the opportunity to specialize with them"

Management



Dr. Torres Santos-Olmo, Rosario María

- ♦ Area Specialist in the Adult Emergency Department at La Paz Hospital, Madrid
- ♦ Degree in Medicine and Surgery
- ♦ PhD in Medicine and Surgery
- ♦ Specialist in Family and Community Medicine
- ♦ Master's Degree in Palliative Care and Supportive Neoplastic Patients Care
- ♦ Life Support Instructor (BLS, ALS, ILS, ATLS)
- ♦ Master's Degree in Palliative Care and Supportive Neoplastic Patient Care
- ♦ Master's Degree in Patient Safety and Health Risk Management.
- ♦ Clinical Collaborator at the Autonomous University of Madrid



Dr. Rivera Núñez, María Angélica

- ♦ Assistant Coordinator of the Emergency Department, La Paz University Hospital, Madrid
- ♦ Surgeon at Universidad de Chile, Santiago de Chile
- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid.
- ♦ Specialist in Internal Medicine from the Catholic Pontificia University, Chile
- ♦ Certificate in Emergency Medicine
- ♦ Specialist Physician in Emergency Medicine at La Paz University Hospital, Madrid

Professors

Dr. Calvín García, María Elena

- ◆ HULP Emergency Department Attending Physician
- ◆ Degree in Medicine
- ◆ Specialist in Family and Community Medicine
- ◆ Master's Degree in Emergency Medicine, Complutense University, Madrid
- ◆ Clinical Reference in Emergency Services HULP

Dr. Cancelliere, Nataly

- ◆ HULP Emergency Department Deputy
- ◆ Doctor in Medicine, Autonomous University, Madrid
- ◆ Master's Degree in Emergency Medicine SEMES
- ◆ Allergy Specialist La Paz University Hospital, Madrid, Spain
- ◆ Surgeon Physician, Luis Razetti School of Medicine
- ◆ Venezuela Central University, homologated to Degree in Medical Sciences in Spain

Dr. González Viñolis, Manuel

- ◆ HULP Emergency Department Attendant
- ◆ Degree in Medicine and Surgery from La Laguna University
- ◆ Master's Degree in Clinical Unit Management from the University of Murcia

Mr. Rubio Bolivar, Javier

- ◆ HULP Simulation Technician
- ◆ CEASEC Simulation Technician

Dr. Martínez Zarza, Ana María

- ◆ Quality and Teaching Coordinator in the HULP Emergency Department
- ◆ Graduate in Medicine and Surgery from the University of Valladolid
- ◆ PhD in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Master's Degree in Medical and Clinical Management from the National University of Distance Education, Spain
- ◆ Medical - Surgical Emergencies Expert
- ◆ HULP Emergency Department Attending Physician

Dr. Maroun Eid, Charbel

- ◆ Attending Emergency Physician at HULP
- ◆ Degree in Medicine and Surgery from Gallegos Rómulo University
- ◆ Master's Degree in Cardiovascular Risk Prevention from Alcalá University

Dr. Martín Quirós, Alejandro

- ◆ HULP Emergency Department Attending Physician
- ◆ Degree in Medicine and Surgery from the University of Cadiz
- ◆ PhD from Universidad Autónoma de Madrid within the Program in Medicine

Dr. Mayayo Alvira, Rosa

- ◆ Head of the Toxicology Unit in the HULP Emergency Department
- ◆ Degree in Medicine from Rovira i Virgili University
- ◆ HULP Emergency Department Attending Physician

04

Structure and Content

The structure of the curriculum has been specially designed by a team of medical professionals, who are fully aware of the importance of university studies in hospital and out-of-hospital emergencies, especially in the area of organ donation. This team, aware of the relevance and timeliness of specialization, and committed to quality teaching through the use of innovative formats, has created this educational program specially designed for physicians to learn how to correctly manage end-of-life processes and refer potential donors.

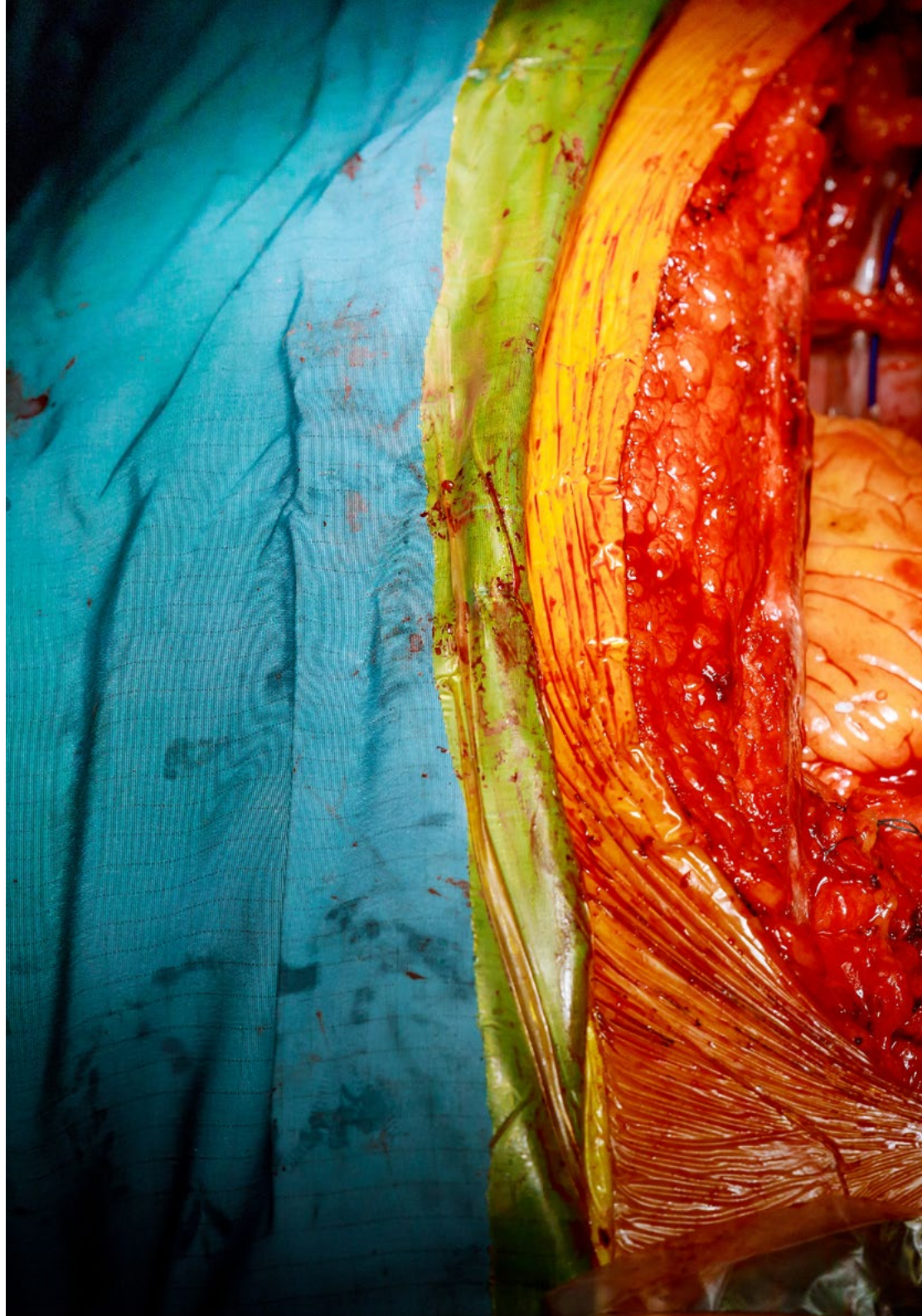


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A comprehensive teaching program, structured in well-developed teaching units, oriented towards efficient and swift learning that is compatible with your personal and professional life"

Module 1. Donation Process in Emergency Services. Concept of End-of-Life Care in Emergency Departments

- 1.2. Concept of Donation in Emergency Departments
 - 1.1.1. Anticipated Wishes
 - 1.1.2. Order Not to Initiate CPR Maneuvers
 - 1.1.3. Pre-interview in the Emergency Department
 - 1.1.4. Emergency Coordination - Transplant Team
 - 1.1.5. The Role of the Family in the Donation Process in Emergency Services





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This specialization program will be the starting point to take your career to the next level”

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

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

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



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06 Certificate

The Postgraduate Certificate in Donation Process in Emergency Services guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Postgraduate Certificate in Donation Process in Emergency Services** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by job markets, competitive professional career evaluation committees.

Title: **Postgraduate Certificate in Donation Process in Emergency Services**

Official N° of Hours: **150 h**,



*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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



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