

# Postgraduate Certificate Medical Transport





## Postgraduate Certificate Medical Transport

- » Modality: online
- » Duration: 2 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/medicine/postgraduate-certificate/medical-transport](http://www.techtitute.com/us/medicine/postgraduate-certificate/medical-transport)

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# 01

# Introduction

Medical transport is an important procedure in out-of-hospital emergency patient care. This Postgraduate Certificate is oriented to update the physician in the most important aspects of medical transport, so that during the transfer of the patient, from where they are treated in the first instance to the health center, they can maintain safety and reduce the possible damages of the same pathology.

*Most emergencies are time-dependent, medical transport is essential to provide patient care.*







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*This Postgraduate Certificate addresses the main aspects of patient transfer from the first point of care to the specialized health center. Learn how to identify, initially treat and transfer the hemodynamically unstable or critically ill patient"*

The transfer of the patient occupies a prominent place in the care process and out-of-hospital emergency, since the objective is to provide specialized care in the shortest possible time, in order to avoid death or serious sequelae to the patient.

The transfer of the patient to the hospital for definitive care and treatment must be carried out with all the guarantees of speed and safety, so it is essential that the healthcare team has a high level of qualification in this area. It is important that the emergency physician knows how the emergency medical system is organized and coordinated, the pathophysiology of medical transport and the different models of patient transfer.

The Postgraduate Certificate in Medical Transport is designed to facilitate the updating of the procedures generally used by the emergency services and medical transport, and oriented to the specific training for the exercise of the professional activity.

This **Postgraduate Certificate in Medical Transport** has the most complete and up-to-date scientific program on the market. The most important features of the Postgraduate Certificate are:

- Clinical cases presented by experts in Medical Transport. The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice.
- Diagnostic and therapeutic novelties on the most frequently referred emergencies by means of medicalized transport
- Interactive learning system based on algorithms for decision making in different clinical situations
- All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments.
- Content that is accessible from any fixed or portable device with an Internet connection



*Update your knowledge through the Postgraduate Certificate on Medical Transport, in a practical way and adapted to your needs"*

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*This Postgraduate Certificate may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Medical Transport, you will obtain a university certificate TECH Technological University".*

Its teaching staff includes health professionals belonging to the field of emergencies, who contribute their work experience to this training, in addition to recognized specialists belonging to leading scientific societies.

The multimedia content developed with the latest educational technology will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training program to train in real situations.

The design of this program is based on Problem-Based Learning, by means of which the physician will have to try to solve the different professional practice situations that will arise throughout the Postgraduate Certificate. This will be done with the help of an innovative interactive video system developed by renowned experts in the field of medical transport with extensive teaching experience.

*This online methodology allows you, through case studies, to practice in a simulated environment.*

*Take the opportunity to update your knowledge of emergency medical transport.*





# 02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the physician achieves a practical and rigorous mastery of medical procedures during the patient's medical transport.







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*This refresher program will generate a sense of security when practising medicine, which will help you grow both personally and professionally”*



## General Objective

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- Update the knowledge and skills necessary for the organization of emergency medical services and medical transport.







*Take advantage of the opportunity and take the step to get up to date on the most important aspects of medical transport.*



03

# Course Management

The creation of the materials has been carried out by a team of reference professionals, both in the area of hospital and out-of-hospital emergency care, who carry out their professional activity in the main hospital centers and emergency care units in the country. Bringing to the program the experience they have gained throughout their careers.





A close-up photograph of a person's eye, looking slightly to the right. The person has dark hair and is wearing a green medical device on their face, which is partially visible in the bottom left corner. The background is a mix of dark blue, light blue, and white geometric shapes.

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*Learn the latest advances in Medical  
Transport from leading professionals”*

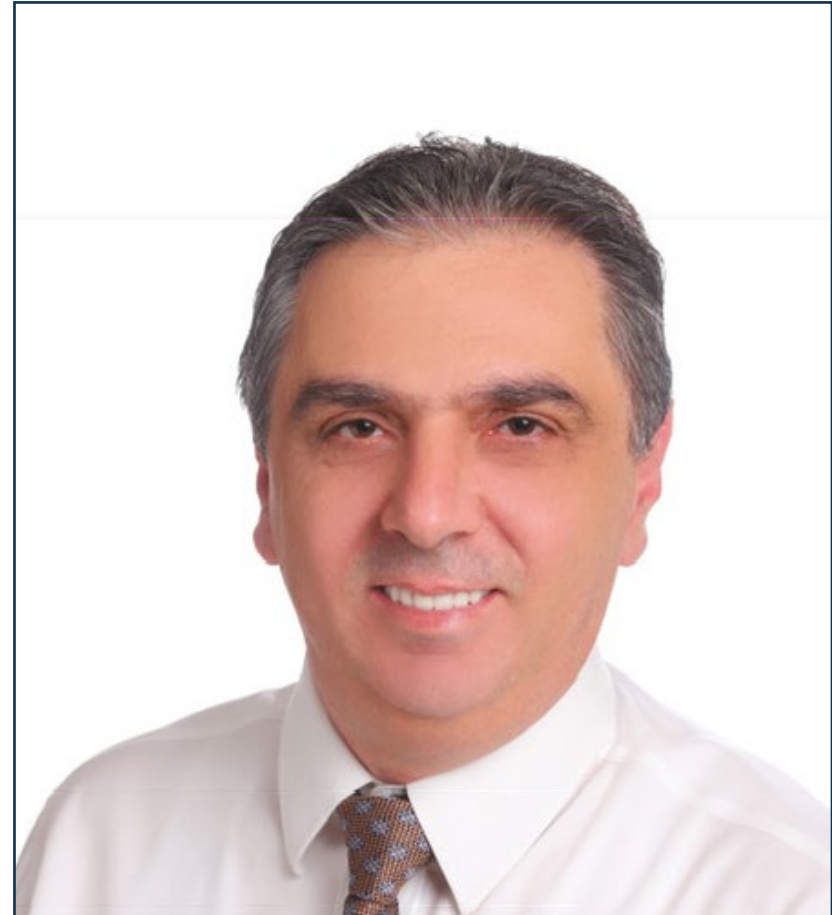
## International Guest Director

Dr. Fadi Salah Issa has become one of the world's leading experts in the field of **Emergency Medicine**. For more than 20 years he has developed a tireless work in this subspecialty of **Urgencies and Emergencies**.

A work that starts from his performance as an emergency physician at the **King Faisal Specialist Hospital & Research Centre**, where he implemented a new system and rapid care facility that reduced waiting times for patients. This allowed him to improve care and more efficiently handle complex cases of oncology, transplant patients and congenital diseases. Thanks to his deep interest in providing the best healthcare response to disaster situations, Salah Issa has turned his efforts to academia and research, promoting specialized and continuous education for medical professionals.

In this regard, he is the **Director of Education for the Disaster Medicine Fellowship** at the BMC Medical Harvard Medical School. A role that joins the co-supervision of the European Disaster Medicine Thesis Board at the University of Eastern Piedmont. His impact in this area has been positive, contributing to the better preparation of health workers. In addition, his concern for humanitarian work has led him to become involved in the **World Association of Disaster and Emergency Medicine (WADEM)**, where he serves as chairman of the special interest group against terrorism.

In this line, his scientific studies also include his analysis of **attacks on educational institutions**, the prevention of post-traumatic stress and the promotion of the resilience of healthcare personnel in the face of COVID-19, **anti-terrorist medicine** and the analysis of variability in the training of expatriate pre-hospital providers in Bahrain



## Dr. Salah Issa, Fadi

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- Emergency Physician specialized in Emergency Medicine
- Co-supervisor of the European Disaster Medicine Thesis Board at the University of Eastern Piedmont
- Director of Education for the BIMC Disaster Medicine Fellowship at Harvard Medical School BIMC Physicians
- Director of Disaster Preparedness Education Initiatives at Harvard Medical School BIDMC Physicians
- Research Fellowship in Disaster Medicine at Harvard Medical School
- Emergency Physician at King Faisal Especialist Hospital & Research Centre
- Team Leader and Emergency Physician at Armed Forces Hospitals-Southern Region, Khamis Mushayt, KSA
- Bachelor of Medicine and Surgery, University of Medicine and Pharmacology, Cariova, Romania
- Disaster Medicine and Emergency Management from Harvard Medical School Medical Doctors in BIDMC
- Master's Degree in Disaster Medicine from the University of Piemonte Orientale, Italy
- Chairman of the Counterterrorism Special Interest Group of the World Association of Disaster and Emergency Medicine (WADEM)
- Fellow of the Academy of Harvard Medical School

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



### **Dr. Rivera Núñez, María Angélica**

- ♦ Assistant Coordinator of the Emergency Department La Paz University Hospital
- ♦ Medical Surgeon Specialist in Internal Medicine.
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid.
- ♦ Diploma in Clinical Teaching- Teacher Training Unit Pontificia Catholic University in Chile
- ♦ Certificate in Emergency Medicine (CME).
- ♦ Training in Thrombotic Pathology, Faculty of Medicine, University of Navarra.
- ♦ Instructor of Advanced Life Support National Cardiopulmonary Resuscitation Plan of the Spanish Society of Intensive Care Medicine, Critical Care and Coronary Units
- ♦ Director of Patient Safety in the Emergency Department of La Paz University Hospital



### **Dr. Calvín García, María Elena**

- ♦ Faculty Specialist in Emergency Medicine at La Paz University Hospital
- ♦ Degree in Medicine. Specialist in Family and Community Medicine
- ♦ Master's in Emergency Medicine General Foundation of the University of Alcalá de Henares
- ♦ Online Masters in Infectious Diseases and Antimicrobial Treatment CEU San Pablo.
- ♦ Clinical teaching collaborator in the Emergency Medicine for Residents course Laín Entralgo Agency La Paz University Hospital.
- ♦ Clinical teaching collaborator in Emergency Medicine and Surgery Surgical Department in the Faculty of Medicine at the Autonomous University of Madrid.
- ♦ Published several scientific articles in medical journals in the field of emergency medicine.





### **Dr. Torres Santos-Olmo, Rosario María**

- ♦ Honorary Professor at the Autonomous University of Madrid
- ♦ Member of the Ethical Care Committee La Paz University Hospital
- ♦ Degree in Medicine and Surgery - University of Granada
- ♦ Specialist in Family and Community Medicine at La Paz University Hospital
- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid
- ♦ Master's Degree in Medical and Clinical Management
- ♦ Master's Degree in Patient Safety and Health Risk Management.
- ♦ Life Support Instructor (BLS, ALS, ILS, ATLS)
- ♦ Area Specialist of Adult Emergency Department at La Paz University Hospital (Madrid, Spain).
- ♦ Clinical Collaborator at the Autonomous University of Madrid

### **Codirector**



### **D. Roig D' Cunha-Kamath, Francisco Vicente**

- ♦ Degree in Medicine from the University of Valencia
- ♦ Specialist via MIR in Family and Community Medicine
- ♦ Assistant Physician of the Emergency Medicine Department at the Clinical University Hospital of Valencia.
- ♦ Professor of Human Anatomy at the European University of Valencia.
- ♦ Physician at the Valencia Health and Community Foundation.
- ♦ Doctor for the ASCIRES group

## Professors

### **Dr. Brasó Aznar, José Vicente**

- ♦ Hospital Emergency Physician
- ♦ Associate Professor of Emergency Medicine at the Faculty of Medicine of the University of Valencia.
- ♦ Head of Department Emergency Medicine. Ribera University Hospital

### **Dr. Martín Quirós, Alejandro**

- ♦ Assistant Physician of the High Level Isolation Unit, La Paz University Hospital
- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid.
- ♦ Masters in Infectious Diseases and Antimicrobial Treatment
- ♦ Master's Degree in Research Methodology in Health Sciences
- ♦ Expert in Emergency Medicine
- ♦ Expert in Community-Acquired and Nosocomial Infections
- ♦ Course Teacher of Cardiopulmonary Resuscitation in the Spanish Society of Emergency Medicine (SEMES)
- ♦ Lecturer in Immediate Life Support Course at the Health Council of the Community of Madrid

### **Dr. Maroun Eid, Charbel**

- ♦ Collaborative Researcher in R&D Center of the Research Institute of the La Paz Hospital
- ♦ PhD in Biomedical Sciences from the UAM
- ♦ Executive MBA in the pharmaceutical industry and biotechnology
- ♦ Master's Degree in Cardiovascular Risk Prevention
- ♦ Assistant Emergency Physician at Infanta Sofia University Hospital
- ♦ Family and Community Medicine Resident Physician in San Carlos Clinical Hospital
- ♦ Lecturer of Critical Patients and Emergency Medicine course at Autonomous University of Madrid
- ♦ Lecturer of Emergency Medicine at La Paz Hospital





# 04

# Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable about the implications of training in daily medical practice in pediatric emergency and urgent care, aware of the current relevance of training to be able to act before the patient with urgent pathology and committed to quality teaching through new educational technologies.







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*This Postgraduate Certificate in Medical Transport has the most complete and up-to-date scientific program on the market”*

### Module 1. General aspects

- 1.1. Definitions and Concepts.
- 1.2. Comprehensive Study of Health Emergencies.
- 1.3. Bioethics in Accidents, Emergencies, and Disasters
- 1.4. Communication Skills in Emergencies.
- 1.5. Patient Security.
- 1.6. Biosafety. Dangerous Materials. Management of Waste Products.
- 1.7. New Professional Skills in Accident and Emergency Care.
  - 1.7.1. Teamwork. Communication and Leadership
  - 1.7.2. Personal and Professional Digital Skills.
- 1.8. New Technologies in Accident and Emergency Care.

### Module 2. Emergency Services and Medical Transport.

- 2.1. Organization of Emergency Medical Systems
- 2.2. Coordination and Health Regulation.
- 2.3. Information and Record Systems.
- 2.4. Tipos de transporte sanitario
  - 2.4.1. Intrahospital Transport.
  - 2.4.2. Interhospital Transport.
  - 2.4.3. Ground Medical Transport
  - 2.4.4. Air Medical Transport
- 2.5. Types of Out-of-Hospital Health Resources.
- 2.6. Physiopathology of Medical Transport and Transfer Positions
- 2.7. Patient Transfer. Models







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



# 05 Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: *Re-learning*.

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

## At TECH we use the Case Method

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 Medical Transport 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 training and receive your university degree without travel or laborious paperwork”*

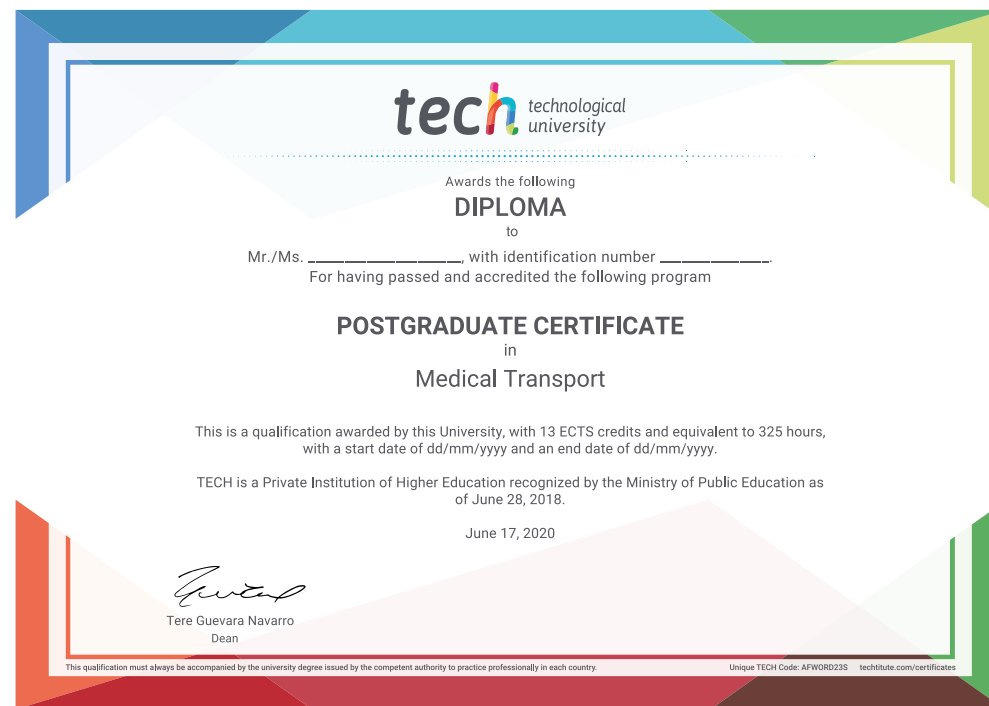
This **Postgraduate Certificate in Medical Transport** contains the most complete and up-to-date scientific on the market.

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

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

Title: **Postgraduate Certificate in Medical Transport**

Official Number of Hours: **325 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma 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  
development language  
virtual classroom



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