

# Postgraduate Certificate

## Medical Management of Special and Hospitalization Services



## Postgraduate Certificate Medical Management of Special and Hospitalization Services

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 3 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/medicine/postgraduate-certificate/medical-management-special-hospitalization-services](http://www.techtute.com/us/medicine/postgraduate-certificate/medical-management-special-hospitalization-services)

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# 01

# Introduction

The current socio-economic context, together with the other factors influencing people's health, is making it all the more necessary to improve the managerial skills of those responsible for healthcare procedures. This program is aimed at training Heads of Service and those responsible for the medical management of hospital centers, developing skills and techniques that promote their leadership.



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*If you are a doctor, head of service or section, assistant, coordinator, director or manager in a hospital or outpatient care center, and you want to update and develop your management skills to respond to the current reality and context in your professional future, this is the perfect postgraduate program for you”*

In the health structure, medical divisions are fundamental in performing different health processes, where the paradigm of Clinical Management is increasingly imposed, making it necessary to provide training in this area for physicians who develop or may reach positions of responsibility in health care, either in middle management, health care or in medical director and manager positions.

The new challenges of the sector, such as the approach to complexity and chronicity, the relationships between professional groups, citizens (users, patients, clients) and providers, the development of new health technologies, the need to increase efficiency in the use of resources, to assume the new leadership, participative and transparent, or to gain its position in the interdisciplinary team, are challenges to be addressed.



*This Postgraduate Certificate will qualify you to occupy a position of responsibility as head of service or section"*

This **Postgraduate Certificate in Medical Management of Special and Hospitalization Services** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ Development of practical cases carried out by experts in health management and other specialties
- ♦ The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the situations that regularly occur in the hospital setting
- ♦ Presentation of practical workshops on procedures and decision making
- ♦ An algorithm-based interactive learning system for decision-making in the situations students are posited
- ♦ Action protocols, where you can find the latest trends in health management
- ♦ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ With a special emphasis on scientific methods and research methodologies in health management
- ♦ Content that is accessible from any fixed or portable device with an Internet connection

“*This Postgraduate Certificate may be the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Medical Management of Special and Hospitalization Services, you will obtain a qualification endorsed TECH Global University”*

The teaching staff includes a team of prestigious health management professionals, who bring to this training the experience of their work, as well as renowned health specialists, who complement the program in an interdisciplinary way.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

The design of this program is based on Problem-Based Learning, through which the physician must try to solve the different professional practice situations that arise throughout the academic course. This will be done with the help of an innovative interactive video system developed by renowned experts in the field of Health Management, with extensive teaching experience.

*You will be able to complete the Postgraduate Certificate 100% online, adapting it to your needs and making it easier for you to study while you carry out your full-time healthcare work.*

*Increase the quality of your management with this training program and improve patient care.*



# 02 Objectives

The Postgraduate Certificate in Medical Management of Special and Hospitalization Services offers in detail a cutting-edge program, from an eminently practical point of view, at a time when accreditation of knowledge plays a fundamental role, including the latest trends in Leadership for Healthcare Services Managers.





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*This training program will generate a sense of confidence in the performance of Medical Management of Special and Hospitalization Services, and will help you grow professionally"*



## General Objective

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- Improve knowledge and professional competencies in health management from the point of view of Clinical Management, knowing the practical methodological tools to apply in the critical areas of health management and administration both institutional and day-to-day

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*Make the most of this opportunity and take the step to get up to date on the latest developments in hospital and health service management”*





## Specific Objectives

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- ◆ Understand the processes of an emergency department in order to carry out a correct planning and control of the service
- ◆ Analyze the Intensive Care Unit as a physical structure with human resources
- ◆ Analyze other models of special units or services such as hemodialysis, hemodynamic, stroke or pain units



03

# Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable about the implications of Clinical and Healthcare Management education, aware of the relevance of current specialization and committed to quality teaching through new educational technologies.





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*This Postgraduate Certificate in Medical Management of Special and Hospitalization Services, contains the most complete and up-to-date scientific program on the market”*

## Module 1. Management of Special and Hospitalization Services

- 1.1. Emergency Services Management
  - 1.1.1. Processes of Emergency Services
  - 1.1.2. Service Planning and Control
  - 1.1.3. Human resources
  - 1.1.4. Teaching in the Emergency Department
- 1.2. ICU Management
  - 1.2.1. Intensive Care Definition
  - 1.2.2. ICU. Physical Structure
  - 1.2.3. Human Resource Allocation
  - 1.2.4. Material Resources: Technology and Equipment Monitoring
  - 1.2.5. ICU Without Walls and Innovation Models
  - 1.2.6. Safety Management in ICU. Zero Projects, Quality Indicators. Information Transfer
  - 1.2.7. Humanization in ICUs
- 1.3. Surgical Unit Management
  - 1.3.1. The Surgical Unit. Physical Structure, Organization and Channels
  - 1.3.2. Coordination of Operating Rooms Surgical Performance and Operation Indicators Surgical Scheduling. Improving Performance
  - 1.3.3. Calculation of Human Resources in a Surgical Department
  - 1.3.4. Material Resource Calculation: Surgical Block Sizing and Operation
  - 1.3.5. Safety Management in a Surgical Department Surgical CHECK LIST Surgical Hand Washing
  - 1.3.6. Asepsis and Sterilization in Operating Rooms. Environmental Monitoring of the Operating Room
- 1.4. Management of Hospitalization Units





- 1.4.1. What are Hospitalization Units
- 1.4.2. Requirements of Hospitalization Units
- 1.4.3. Importance of Leadership in the Hospitalization Units
- 1.4.4. Human Resources, Continuing Education, Teaching and Research
- 1.4.5. Patients and Companions
- 1.4.6. Processes: Strategic, Operational and Structural
- 1.4.7. Hospitalization Unit Indicators
- 1.4.8. The Role of Primary Care and Other Healthcare Facilities
- 1.4.9. Management by Objectives and Improvement
- 1.5. Other Units and Special Services
  - 1.5.1. Alternatives to Conventional Hospitalization: Day Hospital (DH)
  - 1.5.2. Alternatives to Conventional Hospitalization: Day Hospital Units Integrated in Other Units
  - 1.5.3. Alternatives to Conventional Hospitalization: Home Hospitalization
  - 1.5.4. Alternatives to Conventional Hospitalization: Short Stay Units



*An unique, key, and decisive educational experience to boost your professional development”*

04

# 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.



# 05 Certificate

The Postgraduate Certificate in Medical Management of Special and Hospitalization Services guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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

This program will allow you to obtain your **Postgraduate Certificate in Medical Management of Special and Hospitalization Services** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

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

Title: **Postgraduate Certificate in Medical Management of Special and Hospitalization Services**

Modality: **online**

Duration: **6 weeks**

Accreditation: **3 ECTS**



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH Global University 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

innovation

personalized service

knowledge present

online training

development languages

virtual classroom

**tech** global  
university

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