Postgraduate Diploma
Medical Quality Management

tech technological university

Postgraduate Diploma
Medical Quality Management

Course Modality: **Online**

Duration: **6 months.**

Certificate: **TECH Technological University**

16 ECTS Credits

Teaching Hours: **400 hours.**

Website: **www.techtitute.com/medicine/postgraduate-diploma/postgraduate-diploma-medical-quality-management**

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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 Postgraduate Diploma is oriented to train Heads of Service and those responsible for the medical management of hospital centers, developing skills and techniques that promote the impulse of their leadership.

"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, the medical division is fundamental in the development of these processes, where the paradigm of Clinical Management is increasingly imposed, making it necessary to train in this area for physicians who develop or may reach positions of responsibility for care, either as middle management, care or medical management.

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

This **Postgraduate Diploma in Medical Quality Management** contains the most complete and up-to-date scientific program on the market. The most important features of the program include:

- Analyze practical cases developed by experts in health management and other specialties. Its graphic, schematic and eminently practical contents, with which they are conceived, gather scientific and assistance information on those situations that occur on a regular basis in the hospital environment.

- Presentation of practical workshops on procedures and decision making.

- Algorithm-based interactive learning system for decision-making in the situations which are presented to the student.

- Action protocols, where you can find the latest trends in health management.

- All 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.

" _Increase your competencies in the approach to Medical Quality Management through this Postgraduate Diploma"_

This Postgraduate Diploma may be the best investment you can make in the selection of a refresher program for two reasons: in addition to train your knowledge as a Clinical Manager, you will obtain a certificate from TECH Technological University"

You will be able to take the course 100% online, adapting it to your needs and making it easier for you to take it while you carry out your full-time healthcare activity.

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

It includes, in its teaching staff, a team of prestigious health management professionals, who bring to this training the experience of their work, in addition to recognized health specialists who complement the program in an interdisciplinary way.

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

This program is designed around Problem Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the course. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of health management with extensive teaching experience.

02
Objectives

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

This training program will generate a sense of confidence in the performance of Medical Quality Management and will help you grow professionally"

General Objective.

- Improve knowledge and professional competencies in health quality management from a clinical management point of view, knowing the practical methodological tools to apply in the critical areas of health management and direction, both institutional and day-to-day.

Specific Objectives

- Approach clinical management using the criteria of efficacy, efficiency, effectiveness, equity, performance and profitability, and problem solving through the appropriate use of information systems.
- Lead patient quality and safety systems, applied to the context of clinical management units.
- Apply health accreditation approaches to different types of organizations and health centers.
- Develop methodological and instrumental skills to adequately use the different health information systems in management decisions of in clinical units.
- Interpret and appropriately apply the most suitable tools in each context for clinical assessment and decision making.

* Describe the principles of clinical quality management that allow the planning, organization, management and evaluation of a center, service or care unit.
* Show and value advanced initiatives and experiences in clinical and health quality management.
* Analyze the theories and models of quality on the organization and functioning of Health Systems, focusing on their political, social, legal, economic and organizational structure.

With this program you will be able to better manage resources, optimize quality and improve processes in your healthcare institution"

03
Structure and Content

The structure of the curriculum has been designed by a team of professionals knowledgeable about the implications of medical training in clinical management; aware of the relevance of current training and committed to quality teaching through new educational technologies.

This Postgraduate Diploma in Medical Quality Management contains the most complete and up-to-date scientific program on the market"

Module 1. Clinical Management

1.1.   Regulation of Clinical Management.
      1.1.1.   Different Definitions and Visions of Clinical Management.
      1.1.2.   Different Decrees and Regulations on Clinical Management.
      1.1.3.   Different Decrees and Regulations on Clinical Management.

1.2.   Processes and Protocols in Clinical Management. Management of Scientific Evidence.
      1.2.1.   Types of Scientific Evidence and their Classification.
      1.2.2.   Protocols, Clinical Practice Guidelines, Clinical Pathways: Differences.
      1.2.3.   Grade and Welfare Routes.

1.3.   Patient Classification Systems.
      1.3.1.   Patient Classification Systems.
      1.3.2.   Patient Dependency Analysis. Dependency Scales and Classification.
      1.3.3.   Calculation of Staffing/Cash Flow Based on Patient Classification. Workload Distribution.

1.4.   Models and Clinical Management Units: Inter-hospital Units.
      1.4.1.   Types of Clinical Management Units.
      1.4.2.   Mixed Primary and Specialized Care Units.
      1.4.3.   Interservice Units.
      1.4.4.   Inter-hospital Units.

1.5.   Prudent Drug Prescription. Electronic Prescription.
      1.5.1.   Prudent Prescribing: Choosing Wisely.
      1.5.2.   "Non-action" Strategies.

1.6.   Complementary Tests Prescription.
      1.6.1.   Prudent Prescribing vs. Defensive Medicine.
1.6.2.   Prescription Audits and Prescription Monitoring: Results.

Module 2. Quality Management

2.1.   Quality in Health Care
    2.1.1.   Definitions of Quality and of the Historical Development of the Concept. Quality Dimensions.
    2.1.2.   Quality Assessment and Improvement Cycle.
    2.1.3.   EFQM Quality Improvement Model. Implantation.
    2.1.4.   ISO standards and External Quality Accreditation Models.
2.2.   Quality of Care Programs. Improvement Cycles
    2.2.1.   Quality Circles.
    2.2.2.   Continuous Quality Improvement Strategies.
    2.2.3.   LEAN.

Module 3. Quality Accreditation in Healthcare

3.1.   Accreditation in Health Care
    3.1.1.   Specific Features of Health Services Accreditation.
    3.1.2.   The Value of Being Accredited. How the Organization and Patients Benefit.
    3.1.3.   Health Accreditation in Clinical Services.
3.2.   Joint International Commission
    3.2.1.   Criteria and Phases of the Process.
3.3.   The EFQM Model.
    3.3.1.   The Concept of Self-Assessment.
    3.3.2.   Improvement Plans.
    3.3.3.   An Example of EFQM Model Implementation in a Hospital and in an Area of Health Care.
3.4.   ISO Accreditation.
    3.4.1.   Definition and General Criteria.
    3.4.2.   ISO 9001.
    3.4.3.   ISO 14001.
    3.4.4.   Other Types of ISOs Relevant to the Health Sector.

Module 4. Patient Security

4.1.   Patient Safety. Historical Development.
    4.1.1.   Introduction and Definition. Background and Current Situation.
    4.1.2.   Basic Studies on Patient Safety.
4.2.   Nosocomial Infections.
    4.2.1.   Definition and Classification. Evolution of EPINE Studies.
    4.2.2.   Hospital Infection Surveillance and Control Networks and Programs.
    4.2.3.   Asepsis, Disinfection and Sterilization.
4.3.   Preventing Adverse Effects of Health Care.
    4.3.1.   Prevention and detection of Adverse Events Related to Health Care.
    4.3.2.   FMEA: (Modal Analysis of Failures and Effects). Root Cause Analysis.
4.4.   Notification and Recording Systems.
    4.4.1.   Adverse Event Reporting and Recording Systems.
4.5.   Secondary and Tertiary Victims.
    4.5.1.   Health Professionals in the Face of Adverse Effects.
    4.5.2.   Recovery Trajectory and Emotional Support.
    4.5.3.   The Impact on Corporate Image.

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

04
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 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.

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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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 can 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 potential 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 professional medical practice.

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 grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.

2. The learning process has a clear focus on 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.

Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

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

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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

In this program you will have access to the best educational material, prepared with you 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 really 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.
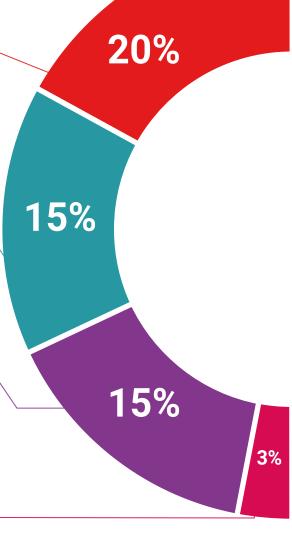
Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.

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.
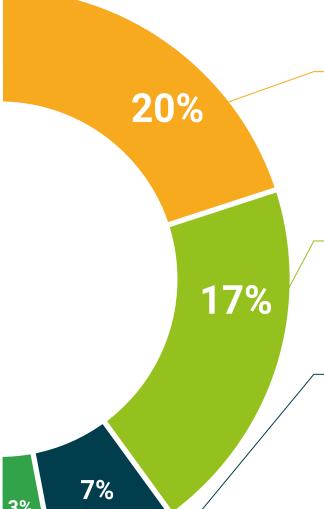
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".

Additional Reading

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

20%

15%

15%

3%

20%

17%

7%

3%

Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.

Testing & Re-Testing

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence in our difficult future decisions.

Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.

Certificate

The **Postgraduate Diploma in Medical Quality Management** guarantees you, in addition to the most rigorous and up-to-date training, access to a certificate issued by **TECH Technological University.**

Successfully complete this training and receive your certificate without travel or laborious paperwork"

This **Postgraduate Diploma in Medical Quality Management** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Diploma in Medical Quality Management**

ECTS: **16**

Official Number of Hours: **400**

tech technological university

Awards the following
DIPLOMA
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE DIPLOMA
in
Medical Quality Management

This is a qualification awarded by this University, with 16 ECTS credits and equivalent to 400 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

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Postgraduate Diploma
Medical Quality Management

Course Modality: **Online**
Duration: **6 months.**
Certificate: **TECH Technological University**
16 ECTS Credits
Teaching Hours: **400 hours.**

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