Postgraduate Diploma

Quality Management and Health Care Safety Systems

tech global university

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Postgraduate Diploma

Quality Management and Health Care Safety Systems

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Credits: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-quality-management-health-care-safety-systems

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01

Introduction

Health care safety and quality management systems in medicine are vital tools for ensuring that health care services are safe, effective and of high quality. These systems aim to provide optimal medical care by identifying and eliminating risks and continuously improving processes. For this reason, TECH has designed a program that allows doctors to increase their knowledge to the maximum on aspects such as Health care Quality Management Systems in Health care Institutions or Organizational Safety, among others. All this, thanks to a 100% online modality and with the most complete and updated multimedia materials in the academic market.

With this program you will acquire the most advanced knowledge on Care Quality Management Systems in Health Care Institutions, in a 100% online mode and without leaving your home"

Quality management and health care safety systems are fundamental tools in the field of medicine. The implementation of these systems guarantees that the care processes are carried out in an efficient and safe way, improving the quality of the health services offered. Additionally, to achieve adequate management in this area, it is necessary to have an interdisciplinary team of professionals working in a coordinated manner in the implementation and maintenance of the system.

For this reason, TECH has designed a Postgraduate Diploma in Quality Management and Health Care Safety Systems with which it seeks to provide students with the skills and abilities necessary to be able to perform their work as physicians with the highest possible efficiency and quality. Therefore, throughout this program, aspects such as Errors and Adverse Events in Health Care, Safety Culture, Clinical Simulation in Virtual Environments or the Planning of a Continuous Improvement Plan will be addressed.

All this, thanks to a convenient 100% online mode that allows students to organize their schedules and studies, being able to combine them with their other daily work and interests. Likewise, the syllabus has the most dynamic and complete didactic materials and practical activities on the market.

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

- The development of case studies presented by experts of health care in Quality Management and Health Care Safety Systems
- 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
- The practical exercises where the self-evaluation process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- 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

Become an expert in Health Care Quality and Emergency Plans in only 6 months and with total freedom of schedules"

Learn in depth about aspects such as Environmental Safety or Risk Management"

In a few months and from your tablet, mobile or computer update your knowledge to the maximum on Quality Management and Health Care Safety Systems.

This program will enhance your skills and expertise in one of the most promising areas in the field of Medicine.

The program includes in its teaching staff professionals of the field who pour into this training the experience of their work, in addition to recognized specialists from reference societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

The design of this program focuses on Problem-Based Learning, in which the professional will have to try to solve the different professional practice situations that will arise throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

02

Objectives

The purpose of this Postgraduate Diploma in Quality Management and Health Care Safety Systems is to ensure that the student obtains an extensive update of their knowledge in this area of Medicine. An update that will allow the student to exercise their work as a physician with the highest possible quality and efficiency. All this, thanks to TECH and a 100% online modality.

Reach your most demanding professional goals, thanks to an innovative program that represents a unique opportunity in the current academic market"

General Objectives

- Analyze the importance of humanization in health care, the need for respect for life, human dignity and a comprehensive understanding of the person made vulnerable by illness
- Identify the situations and risk factors in the pediatric patient
- Determine the main preventive measures in place in pediatric patient safety
- Substantiate the importance and guidelines of surgery safety in the public health field by defining a minimum set of measures
- Promote safe working environments for the patient and for professionals
- Promote research, innovation and training in patient safety
- Analyze the management of adverse events and improvement plans to avoid them
- Deepen the concepts, methods and strategies for improving patient safety in health care institutions
- Substantiate the best evidence on safety in biobanks and transfusion safety technologies
- Analyze patient safety strategies approached from different health care areas

Specific Objectives

Module 1. Health Care Quality Management Systems in Health Care Institutions

- Analyze the different models and systems of quality management
- Update specialized knowledge on the management by care processes
- Propose techniques and tools for quality improvement
- Develop the tools to carry out a continuous quality improvement cycle
- Determine the different models of quality certification in health care institutions
- Establish keys to excellence in health care institutions
- Identify the essential aspects for the development of effective leadership in health care professional teams

Module 2. Errors in Health Care and Adverse Events

- Provide a rationale for the different models and systems of adverse event management
- Update knowledge about patient safety
- Propose techniques and tools for the improvement of patient safety
- Develop the tools to carry out a safety syllabus
- Analyze the different models of clinical practice guidelines and the evaluation of adherence to them
- Delve into the keys to patient safety in the health care environment

Module 3. Organizational Safety

- Identify safety risks in health information management
- Analyze the various organizational structures to promote patient safety
- Implement new, more attractive and modern safety training methodologies
- Assess the impact of safety in terms of efficiency
- Detect the key aspects to be monitored for safe control of facilities
- Promote knowledge of environmental safety in the health care environment
- Position the patient as a key element in their safety

Stay up to date on the latest updates in Monitoring and Accreditation Models, without leaving home and with any device with an Internet connection"

03

Course Management

For this university program TECH has selected an excellent team of professionals specialized in Quality and Patient Safety, as well as in the use of new technologies in the health care field. In this way, the student will obtain the most advanced and current information from the hand of specialists of the highest prestige, who have contributed their experience and their most specialized knowledge to create unique and complete materials.

Prestigious physicians in the field of medicine will support you throughout your learning process"

Management

Dr. Paredes Esteban, Rosa María

- Head of Service and Director of the Pediatric Surgery Clinical Management Unit of the university Reina Sofia Hospital of Córdoba
- Specialist in Pediatric Surgery at Reina Sofia University Hospital of Cordoba
- Specialist in Pediatric Surgery at Jaén Medical-Surgical Hospital
- Responsible for Pediatric Surgery Training at the Reina Sofia University Hospital of Córdoba
- Coordinator of the Bioethics Commission of the Spanish Society of Pediatric Surgery
- Vice-President of the Ethics Committee of the province of Córdoba
- Coordinator of the Vascular Anomalies Committee of the Reina Sofia University Hospital of Córdoba
- Living Donor Transplant Bioethics Committee Coordinator
- Doctor of Medicine and Surgery from the University of Granada
- Graduate in Medicine and Surgery from the University of Granada
- Postgraduate Certificate in Communication with the Pediatric Patient
- Postgraduate Diploma in Clinical Management
- University Diploma of Specialization in Quality and Patient Safety in Health Care Institutions
- University Diploma of Specialization in Bioethics
- Members: European Society of Pediatric Endoscopic Surgery, Spanish Society of Pediatric Surgery, Editorial Committee of the Spanish Society of Pediatric Surgery Journal, Scientific Evaluation Committee of the Spanish Society of Pediatric Surgery

Professors

Ms. Castro Ruz, María José

- Deputy Director of Nursing at Reina Sofía de Córdoba University Hospital
- Coordinator of Reference Units of the Ministry of Health and Social Policy of the Reina Sofia University Hospital
- Coordinator of the ERAS program for Colorectal and Hepatobiliary Surgery at the Reina Sofia University Hospital
- Coordinator of the GERM program for Bariatric and Gynecologic Surgery at the Reina Sofia University Hospital
- Coordinator of the ASCO-QOPI certification program of the Medical Oncology unit of the Reina Sofía University Hospital
- Member of the Standard Operating Procedures review group of the Reina Sofia University Hospital
- Professor at the Andalusian School of Public Health
- Professor in training related to continuous quality improvement at the Reina Sofia University Hospital
- University Diploma in Nursing at the University of Cordoba
- Postgraduate Diploma in Health Services Management at the University of Granada
- Postgraduate Diploma in Quality and Patient Safet from the University of Granada
- Specialization in certification model and continuous quality improvement of the American Society of Medical Oncology: ASCO
- Intermediate Technician in Occupational Risk Prevention
- Certified evaluator by ISQua (International Society for Quality in Health Care)
- Member of: President of the Gender Violence Commission of the Reina Sofia University Hospital, Secretary of the Commission for Equal Opportunities between Men and Women of the Reina Sofia University Hospital, Member for Spain in the elaboration of the ISO/CD 22336 standard: Security and resilience-Organizational resilience-Guidelines for resilence policy and strategy, Secretary of the Andalusian Society of Health Care Quality SADECA, Member of working groups for the revision of the Criteria for the Designation of Reference Units of the Ministry of Health (CSUR)

Dr. Moreno Campoy, Elvira Eva

- Director of the Strategy for Patient Safety in the Andalusian Public Health System
- Professor in the Quality and Patient Safety Diploma of the University of Granada at the Andalusian School of Public Health
- Professor in Clinical Safety at the University Nursing Center of Ronda of the University of Malaga
- Lead investigator and collaborator in different research projects of the Health Research Fund (HIF)and the Ministry of Health of Andalusia
- Coordinator of the Patient Safety Commission of the Spanish Society of Primary Care Pharmacists
- PhD in Health Sciences from the University of Malaga
- Graduate in Pharmacy from the University of Granada
- Master's Degree in Public Health and Health Management from the University of Granada
- Expert in Quality in Health Institutions from the University of Granada
- Postgraduate in Biomedical Publication Preparation from the Autonomous University
- Of Barcelona
- Postgraduate degree in Pharmaceutical Management in Primary Care from the University of Barcelona
- Member of: Member of the Board of Directors of the Sociedad Andalusian Society of Health care Quality, SADECA Journal Editorial Board

Dr. Ferrer Higueras, María José

- Medical Director of the North Health Management Area of Cordoba
- Deputy Medical Director of the Reina Sofia University Hospital of Cordoba
- Faculty Specialist in Intensive Care Medicine at Reina Sofia University Hospital of Cordoba
- Instructor of Basic and Advanced Cardiopulmonary Resuscitation (CPR) by the European Resuscitation Council (ERC)
- Teacher in the Specialization Diploma in Quality and Patient Safety in Health Institutions, given by the Andalusian School of Public Health (EASP)
- Master's Degree in Health Sustainability through Innovative Resource Management from the University of Valencia
- Degree in Medicine from the University of Córdoba
- Specialization Diploma in Quality and Patient Safety in Health Institutions from the University of Granada
- Specialization Diploma in Bioethics from the University of Granada
- Specialization Diploma in Management Development in the Health Sector from the International University of Andalusia
- Certificate of Advanced Studies in the program "Advances in Medical-Surgical Specialties" by the Department of Medical-Surgical Specialties of the University of Cordoba

Mr. Pajares Conde, Diego

- Head of the Professional Attention Unit at the Reina Sofia University Hospital
- Economic, Administrative and General Services Director of the Southern Health Management Area of Cordoba of the Andalusian Health Service
- Deputy Director General of Personnel of the Andalusian Health Service of the Andalusian Regional Government
- Deputy Director of Planning and Programs North Cordoba Health Management Area
- Master's Degree in Public Health and Health Management from the Andalusian School of Public Health of the University of Granada
- Master's Degree in Health Economics and Management of Health Organizations from the Andalusian School of Public Health from the University of Granada
- Degree in Psychology from the University of Granada
- Postgraduate Certificate in Nursing from the University of Cadiz
- Diploma of Advanced Studies (DEA) in the Program: "Planning, Management and Economic-Social Environment of the Company", in the Faculty of Economic and Business Sciences of the University of Cordoba

Dr. Díaz Romero, Salvador

- Specialist in Preventive Medicine and Public Health
- Collaborating teacher with the Preventive Medicine and Public Health Service of the Reina Sofia University Hospital in teaching at the University of Cordoba
- Graduate in Medicine at the University of Valladolid
- Master's Degree in Public Health and Health Management at the Andalusian School of Public Health

Dr. Romero de Castilla Gil, Rafael Javier

- Hospital Emergency Physician
- Quality Coordinator of the Hospital de Montilla
- Coordinator and teacher of the health staff of the Alto Guadalquivir Health Agency
- Doctor in Medicine and Surgery from the University of Cordoba
- Specialist in Family and Community Medicine
- Master's Degree in Quality Management in Health Services from the University of Murcia
- Postgraduate Diploma in Integral Management of Health Services by the UNED
- Postgraduate Diploma in Evaluation and Research of Health Services by the UNED
- Director of Quality Management Systems by AENOR
- Specialist in Health Management by the University of Granada

Ms. Castellano Zurera, María del Mar

- Researcher specialized in health
- Researcher of the project "Ethical commitment of the service providers
- of the Social Services and Dependency Agency of Andalusia"
- Specialist in Hospital Pharmacy
- Master's Degree in Quality Management in Health Services from the University of Murcia
- PhD in Biochemistry, Toxicology, Legal Medicine and Food Sciences
- Degree in Pharmacy from the University of Seville
- Member of: Vice-Chairwoman of the Health Committee of the Spanish Quality Association

Ms. Palop del Río, Ángela

- Responsible for the Certification of Health and Social Services Centers and Units at the Health Quality Agency of Andalusia
- Responsible for the management of the evaluation of Centers, Services and Reference Units (CSUR) of the National Health System
- Responsible for the implementation of the ACSA certification model in Portugal and Brazil
- Responsible for the European Commission Project for the evaluation of the first 24 European Reference Networks for Rare Diseases
- Professor in the Improvement Course for the Evaluation of Action Plans and Establishment of Performance Indicators Andalusian Institute of Public Administration
- Teacher of the Diploma of Specialization in Quality and Patient Safety in Health Care Institutions Andalusian School of Public Health
- Graduate in Pharmacy from the University of Granada
- Official Postgraduate Master's Degree in Quality Management in Health Services from the University of Murcia
- Specialist Certificate: Fundamentals of the External Evaluation Survey by the International Society for Quality in Health Care (ISQua)
- Specialist in Microbiology and Parasitology

Ms. Román Fuentes, Mercedes

- Administrative Technician in the Quality Unit of the Virgen Macarena University Hospital
- Degree in Pharmacy from the University of Seville
- Expert in Sanitary Orthopedics, University of Seville
- Expert in Management and Operation of Water Treatment Plants from the University of Granada
- Specialization Diploma in Quality and Safety in Health Institutions. University of Granada

Ms. López Cabrera, Estefanía

- Supervisor of Preventive Medicine and Public Health at the Reina Sofía University Hospital of Córdoba
- Work Nurse Specialist in the Occupational Health Unit of the Reina Sofía University Hospital of Córdoba
- Lecturer in the area of Preventive Medicine and Public Health at the Reina Sofía University Hospital in Córdoba
- Collaborating Professor in the Department of Preventive Medicine and Public Health
- of the University of Córdoba
- Official Master's Degree in Occupational Risk Prevention at the University of Cordoba
- Master's Degree in Occupational Health in the Health Care Environment from Miguel de Cervantes European University
- Master's Degree in Pharmacotherapy for Nursing from the University of Valencia
- Master's Degree in Health Management from the Isabel I of Burgos University
- Postgraduate Certificate in Nursing from the University of Cordoba

Ms. Casasola Luna, Natalia Araceli

- Technician of the Quality Unit of the Virgen Macarena University Hospital
- Evaluator and Project Manager of the Andalusian Health Quality Agency (ACSA)
- Evaluator of Continuing Education Activities for the Health Quality Agency of Andalusia (ACSA)
- Evaluator of ERN (European Reference Networks) for the European Union, through ACSA
- Lead auditor for the UNE-EN ISO/IEC 17025 and UNE-EN ISO 15189 standards (clinical laboratories) for the National Accreditation Entity (ENAC)
- Specialist in Clinical Analysis at La Princesa University Hospital
- Graduate in Chemistry from the University of Extremadura
- Certificate of Pedagogical Aptitude (CAP) from the University of Extremadura

Dr. Santamaría Olmo, Rafael

- Specialist in Nephrology
- Researcher at the Maimonides Institute of Biomedical Research of Cordoba (IMIBIC)
- Responsible for assistance and management of the Unit of Arterial Hypertension and Vascular Risk in the Nephrology CMU of the Reina Sofia University Hospital of Cordoba
- Associate Professor at the Faculty of Medicine of the University of Cordoba
- Doctor in Medicine and Surgery from the University of Cordoba
- Master's Degree in Hospital Management from the University of Alcalá de Henares
- Master's Degree in Atherothrombotic Disease and diagnosis by non-invasive techniques from the University of Lérida
- Graduate in Medicine and Surgery, University of Cordoba
- Postgraduate Diploma in Fabry Disease by the University of Alcalá de Henares

Ms. Trillo López, Paloma

- Technical Advisor at the Regional Ministry of Health and Consumer
- Nurse and Technical Advisor at the General Secretariat of Humanization, Planning, Social and Health Care and Consumption of the Regional Ministry of Health and Consumption
- Nurse specialist in pediatric nursing
- Postgraduate Diploma in Nutrition, Health and Functional Foods by the UNED
- Postgraduate Diploma in Nursing Resources Management by UNED
- Postgraduate Diploma in Cellular Growth and Cancer by the UNED (UNED)
- Graduate in Nursing from the University of Malaga

Ms. Corpas Nogales, María Elena

- Coordinator of the Andalusian Patient Safety Incident Notification and Learning System, notificASP
- Professor at the Andalusian School of Public Health
- Postgraduate Diploma in Quality and Patient Safety in Health Institutions by the Andalusian School of Public Health and the University of Granada
- Postgraduate Diploma in Health Sciences Research: Quantitative and Qualitative Methodologies by the Andalusian School of Public Health and the University of Granada
- Diploma of Advanced Studies in Statistics and Operations Research from the University of Granada
- Degree in Mathematical Sciences from the University of Granada

Ms. Pérez Moreira, Rosalía

- Management Technician in the Central Services of the Andalusian Health Service
- Professor of Clinical Practices of the Physiotherapy degree at the University of Seville
- Professor of Teaching Health at the Andalusian School of Public Health
- Diploma in Physiotherapy from the University of Seville and Degree from the European University of Madrid
- Master's Degree in Public Health and Quality of Life
- Master's Degree in Care for Caregivers of Dependent Persons
- Postgraduate Diploma in Care of the Caregiver
- Postgraduate Diploma in Care for the Sick and Caregivers
- Expert in Quality in Health Institutions

Ms. Cristino Espinar, María Soledad

- Supervision Unit of the Pharmacy Unit at the Reina Sofia University Hospital
- Supervision of the Pharmacy Unit of the Reina Sofia University Hospital
- Professor in the Patient Safety Course of the EASP
- Diploma in Nursing from the University of Granada
- Specialization Diploma in Bioethics from the Andalusian School of Public Health
- ISO 14155:2011 - GPC Certificate by the World Medical Device Organization
- Expert in Health Management by the Andalusian School of Public Health
- Expert in Quality and Patient Safety by the Andalusian School of Public Health

Dr. Rumbao Aguirre, José Manuel

- Head of the Pediatrics Department of the Reina Sofia Hospital
- Medical Director of the Reina Sofia Hospital
- Deputy Director of Health Care in the Andalusian Health Service
- Manager of the Córdoba and Guadalquivir Health District
- Clinical Tutor of Pediatrics at the Faculty of Medicine of Córdoba
- Pediatrics Resident Tutor at the Reina Sofia Hospital in Cordoba
- Master's Degree in Medical Direction and Clinical Management
- Postgraduate Certificate in Patient Safety
- Graduate in Medicine and Surgery, University of Cordoba

Dr. Delgado Osuna, José Antonio

- Deputy Provincial Director of Information Systems and Technologies in the province of Cordoba in the Andalusian Health Service
- Professor in courses in the Andalusian Health Service, in the Osuna Health Management Area
- Doctorate in Computer Engineer from the University of Córdoba
- Master's Degree in *Soft Computing* and Intelligent Systems from the University of Granada
- Computer Engineer from the University of Granada
- Technical Engineer in Computer Science

Dr. Ordóñez Díaz, María Dolores

- Pediatrician in the Tracking Unit at the Reina Sofia University Hospital in Cordoba
- Member of the Quality Commission of the University Hospital of Cordoba
- Training activities related to Patient Safety for Health Care Professionals
- PhD in Biomedicine from the University of Cordoba
- Graduate in Medicine and Surgery from the University of Cordoba

Mr. Ruz López, Antonio Jesús

- Occupational Risk Prevention Technician at the Reina Sofia University Hospital
- Industrial Technical Engineer (specializing in Electricity) from the Polytechnic School of the University of Cordoba
- Postgraduate Specialization in Explosive Atmospheres by the Polytechnic University of Madrid
- Prevention of Occupational Risks Specialty Occupational Safety Esculapio Foundation

Dr. García Martínez, Elena

- Medical Subdirector at the Reina Sofia University Hospital
- Collaborating Professor in the Master's Degree in Nutrition and Metabolism at the University of Cordoba
- Specialist in Pediatrics and Specific Areas
- President of the Scientific Committee of the XXV Congress of the Andalusian Society for Quality of Care (SADECA)
- Doctor from the University of Cordoba
- Graduate in Medicine and Specialist

Mr. Toro Santiago, Joaquín

- Head of the Integrated Training Unit at the Reina Sofia University Hospital in Cordoba
- Supervisor of Pediatric Surgery in the Pediatric Intensive Care Unit and Pediatric Emergency Room of the Reina Sofia University Hospital
- Pediatric Nursing Teaching Unit Coordinator
- Associate Professor at the University of Cordoba
- Professor of the Master's Degree in Nursing Care of the Hospitalized Patient at the University of Barcelona
- University Diploma in Nursing at the University of Cordoba
- Pediatric Nurse Specialist

Mr. Salmoral Almagro, Francisco

- Technical Engineer in Vithas Sanidad Málaga Internacional
- Senior Technician in Occupational Risk Prevention
- Senior Technician in Integrated Quality Systems
- Senior Technician in Environmental Management Systems
- Senior Technician in Indoor Environmental Quality
- Technical Industrial Engineer in Industrial Electronics from the University of Cordoba

Mr. Carazo del Río, Jesús

- Nurse in the Service of Preventive Medicine
- Nurse in the Santa Maria Nursing Home
- Master's Degree in Nurse Pre-registration
- Master's Degree in Specialized Care in Emergency, Critical Care and Post-anesthesia Areas
- Degree in Nursing

Mr. Jimber, Manuel

- Head of Information Security
- Head of Service of the ICT Security Unit
- External Professor in Risk Analysis and Management and Master's Degree in Cybersecurity
- Interuniversity Master's Degree in Information and Communications Technology Security from the Open University of Catalonia
- Specialist in Quality and Patient Safety in Health Care Institutions
- Diploma in Logical Systems by the University of Cordoba
- Expert in Personal Data Protection by the University of Murcia

04

Structure and Content

The structure and content of this syllabus have been designed by the reputable professionals who make up the TECH's team of experts in Medicine. These specialists have poured their experience and knowledge to create the most complete and updated content possible. All this, based on the most efficient teaching methodology, the TECH Relearning.

Thanks to this complete syllabus you will be able to keep up to date on Continuous Improvement Plans and Errors in Health Care"

Module 1. Health Care Quality Management Systems in Health Care Institutions

1.1. Quality of Care Quality Management Methodology
- 1.1.1. Quality of Care
- 1.1.2. Quality Dimensions
- 1.1.3. Quality Management Methodology

1.2. Quality Management Systems
- 1.2.1. Components of a Quality Management System
- 1.2.2. Quality Costs
- 1.2.3. Reference Models in Quality and Excellence
- 1.2.4. Quality Management in Health Care Institutions

1.3. Quality Control. Excellence as a Quality Model
- 1.3.1. Quality Control. The Audit
- 1.3.2. Evaluation Cycle. Quality Components
- 1.3.3. Continuous Quality Improvement
- 1.3.4. Excellence as a Quality Model
  - 1.3.4.1. The Principle of Excellence

1.4. Quality Assessment and Improvement Method
- 1.4.1. Quality Components
- 1.4.2. Evolution of Quality Management Systems
  - 1.4.2.1. Quality Control
  - 1.4.2.2. Assuring Quality
  - 1.4.2.3. Total Quality (Excellence) and Continuous Improvement

1.5. Processes for the Improvement of Health Care
- 1.5.1. Process Management
- 1.5.2. Design of Care Processes
- 1.5.3. Quality Standards
  - 1.5.3.1. Evaluation of Care Processes

1.6. Strategies for the Improvement of Effectiveness and Application of Evidence in Clinical Practice
- 1.6.1. Clinical Practice Guidelines. Evidence-Based Tools
- 1.6.2. Good Clinical Practice: Standards, Monitoring
- 1.6.3. Assessment of Adherence to Clinical Practice

1.7. Planning a Continuous Improvement Syllabus
- 1.7.1. The PDCA Cycle
- 1.7.2. Planning, Implementation
- 1.7.3. Checking and Acting

1.8. External Evaluation and Accreditation Models
- 1.8.1. External Evaluation in Quality Management
- 1.8.2. Accreditation Models
- 1.8.3. Accreditation in the Health Care Field

1.9. Leadership and People Management for Quality Improvement
- 1.9.1. Leadership and Talent Management in Health care Organizations
- 1.9.2. Principles of Motivation in Professionals in Health Care Organizations
- 1.9.3. Effective People Management Tools for Quality Improvement

1.10. Assessment of the Quality of Care and Management within the Hospital
- 1.10.1. Quality Management within the Hospital Environment
- 1.10.2. Structure, Process and Results in the Evaluation of Quality Management in Hospitals
- 1.10.3. Models and Standards of Excellence in Quality Management in the Hospital Environment

Module 2. Errors in Health Care and Adverse Events

2.1. Error in Health Care Conditioning Factors
- 2.1.1. Error in Health Care Magnitude
- 2.1.2. Security Culture
  - 2.1.2.1. Understanding, Recognizing and Managing Adverse Events
- 2.1.3. Incident Notification and Management

2.2. Identification of Critical Points in an Organization. Care Process
- 2.2.1. Situation Analysis on the Identification of Critical Risk Points
- 2.2.2. Approach and Prevention Strategies
- 2.2.3. Communication of Critical Risk Points Plan

2.3. Risk Management. Incidents and Adverse Events
- 2.3.1. Models, Methods and Tools
- 2.3.2. Notification Systems. Adverse Event Recording
- 2.3.3. Identification of Adverse Events through the Analysis of Clinical Histories
  - 2.3.3.1. Global Trigger Tool

2.4. Proactive Risk Management
- 2.4.1. Risk Prevention. Proactive Risk Management Tools
- 2.4.2. Failure Mode and Effects Analysis (FMEA)
- 2.4.3. Application of the Methodology in a Health Care Process

2.5. Sentinel Event Analysis Methodology
- 2.5.1. Root Cause Analysis
- 2.5.2. ACR Methodology on a Sentinel Event Application
- 2.5.3. Attention to the 1st, 2nd and 3rd Cictim

2.6. Briefing and Debriefing. Safety Rounds
- 2.6.1. Briefing
- 2.6.2. Debriefing
- 2.6.3. Safety Rounds

2.7. Unambiguous Patient Identification and Verification
- 2.7.1. Necessity of Unambiguous Patient Identification
- 2.7.2. Unambiguous Patient Identification Systems
- 2.7.3. Patient Verification Systems

2.8. Safe Patient Transfer
- 2.8.1. Communication between Professionals
- 2.8.2. Tools for Effective Communication
- 2.8.3. Errors in the Transfer between Professionals

2.9. Elaboration of a Patient Safety Program
- 2.9.1. Methodology for the Development of a Safety Program
- 2.9.2. Critical Risk Point Analysis
- 2.9.3. Evaluation of a Safety Program. Indicators

2.10. Implementation of a Patient Safety Program in a Clinical Unit. Monitoring and Good Practices
- 2.10.1. Follow-up of a Patient Safety Program
- 2.10.2. Good Practices in Patient Safety
- 2.10.3. Evaluation and Improvement Proposals for a Patient Safety Program

Module 3. OrganizationalSafety

3.1. Patient Safety in Organizations
- 3.1.1. Basics of Patient Safety
- 3.1.2. Patient Safety Evolution Over Time
- 3.1.3. International Patient Safety Models

3.2. Patient Safety Structure in Health Care Facilities
- 3.2.1. Patient Safety in the Management Teams
- 3.2.2. Patient Safety Organizational Chart at the Health Care Facilities
- 3.2.3. Involvement of the Professionals in Patient Safety

3.3. Patient Safety Training for Professionals
- 3.3.1. Patient Safety Training for Health Care Professionals
- 3.3.2. Effective Pedagogical Techniques in the Continuing Education of Health Care Professionals
- 3.3.3. ICT Tools to support Continuing Education
- 3.3.4. New Emerging Trends in Continuing Education
  - 3.3.4.1. Clinical Simulation in Virtual Environments
  - 3.3.4.2. Gamification

3.4. Information Security
- 3.4.1. International Legal Framework for Information Security
- 3.4.2. Fundamental Aspects of Health Information Safety
- 3.4.3. Safety Risk Analysis in Health Information Management

3.5. Research and Innovation in Patient Safety
- 3.5.1. Importance of Safety in the Field of Research and Innovation
- 3.5.2. Ethical Considerations in Research
- 3.5.3. Current Status of Patient Safety Research

3.6. Active Involvement of Patients and the Public in Patient Safety
- 3.6.1. Patient and Public Information on the Safety of their Health Care
- 3.6.2. Actions to raise Awareness and Train Patients and the General Population on Risk Prevention in the Health Care System
- 3.6.3. Resources for Promoting the Active Participation of Patients in their Safety

3.7. Environmental Safety in Health Care Centers
- 3.7.1. Environmental Safety in Health Care Facilities
- 3.7.2. Monitoring and Control of Environmental Biosafety
- 3.7.3. Prevention Techniques and Systems

3.8. Occupational Risk Prevention Safe Work Environments
- 3.8.1. Occupational Hazards in the Health Center Worker
- 3.8.2. Prevention Measures to Obtain Safe Working Environments
  - 3.8.2.1. Emergency Planning
- 3.8.3. Occupational Stress, Mobbing and Burnout

3.9. Safety in Sanitary Facilities
- 3.9.1. Differential Characteristics in Health Care Facilities
- 3.9.2. Quality Controls of the Facilities
- 3.9.3. International Standards on the Safety of Health Care Facilities

3.10. Cost-Efficiency Analysis of Patient Safety
- 3.10.1. Need to Quantify the Cost of Adverse Events
- 3.10.2. Costs Related to Medication Errors
- 3.10.3. Costs Related to Nosocomial Infections
- 3.10.4. Costs Related to Errors in the Surgical Patient

A program designed based on the most efficient pedagogical methodology, TECH's Relearning, which allows a progressive and precisely assimilation of the essential concepts"

05

Methodology

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

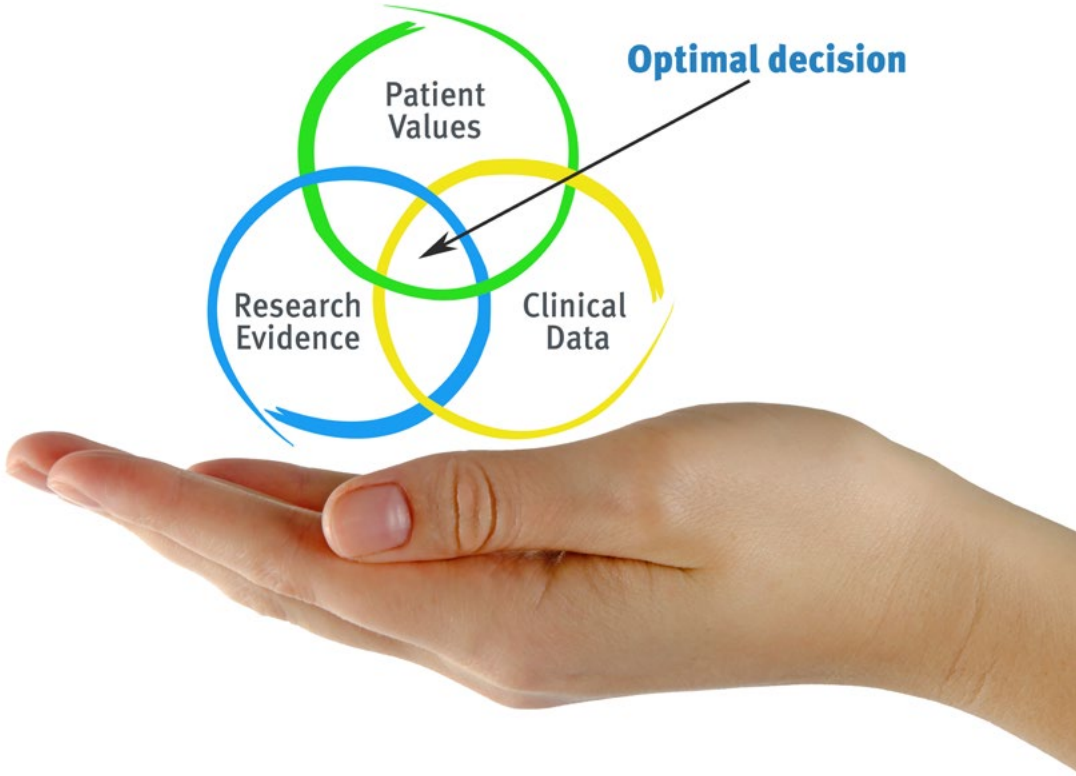
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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.

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:

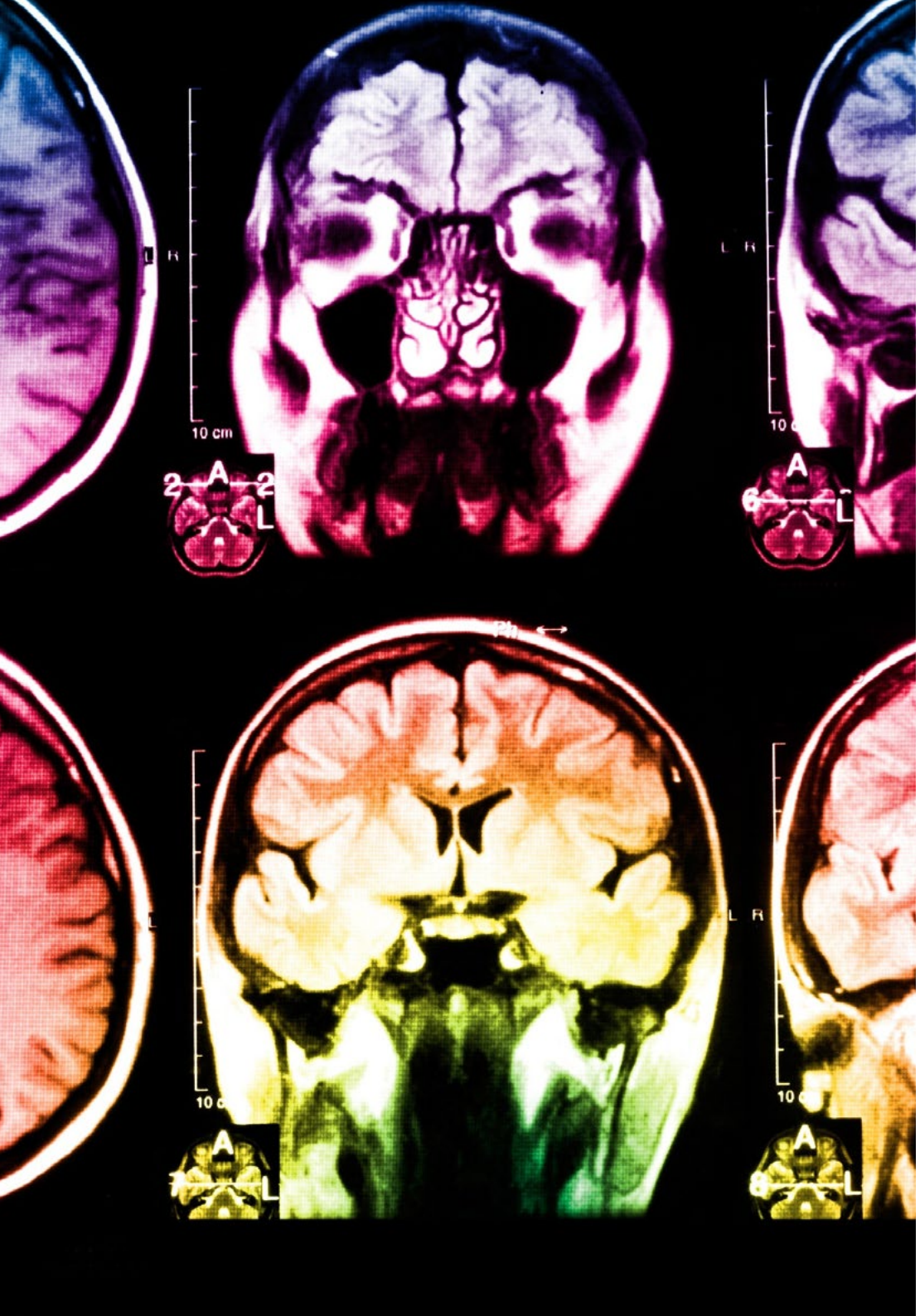
1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better 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.

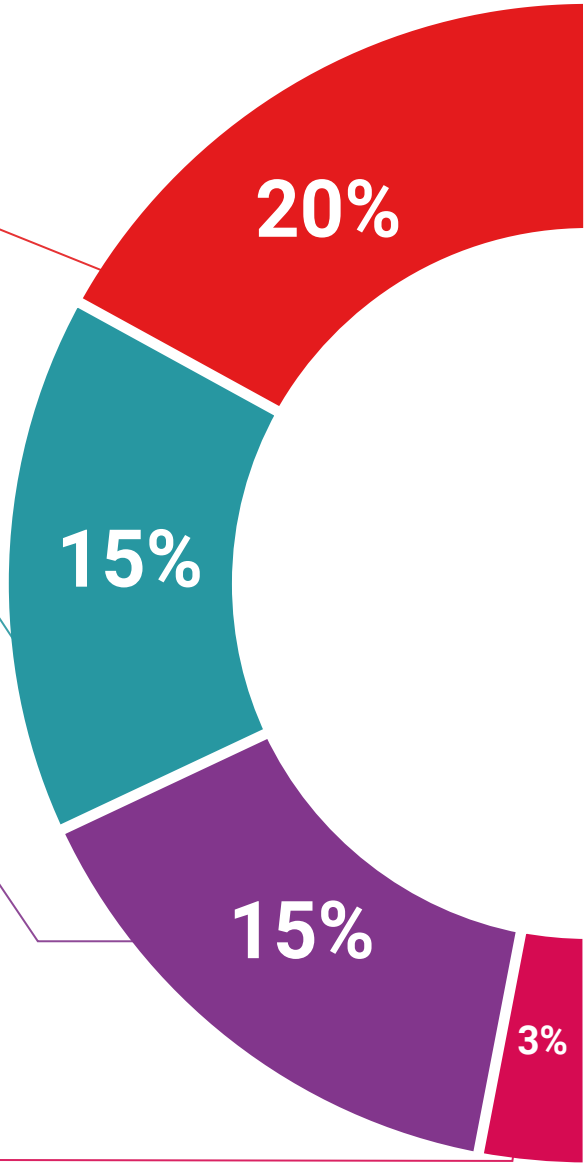
Interactive Summaries

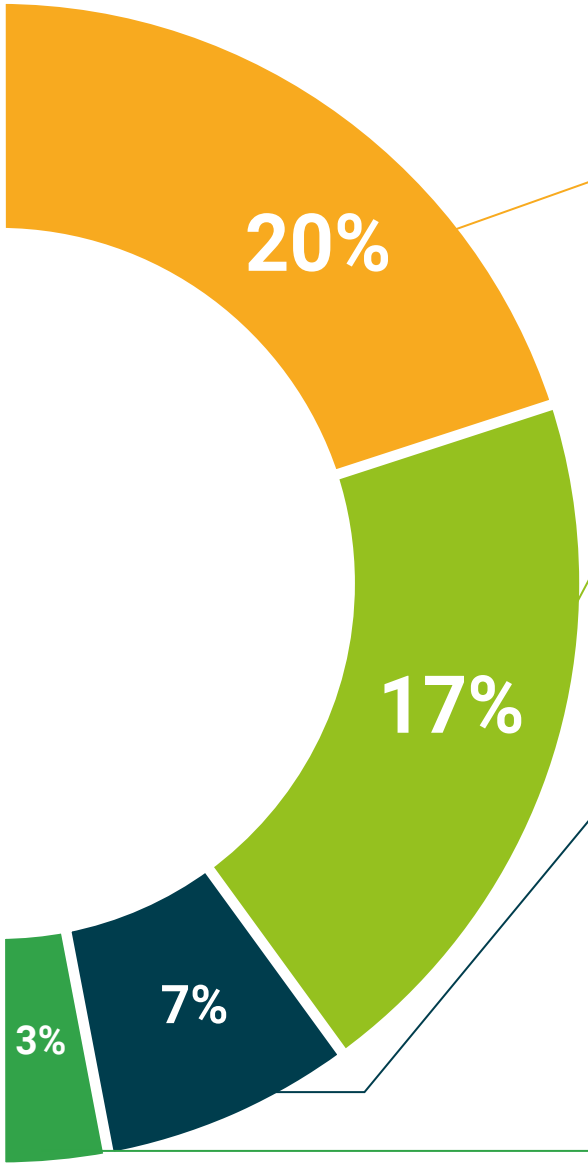
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Diploma in Quality Management and Health Care Safety Systems guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

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 Diploma in Quality Management and Health Care Safety Systems** 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 Diploma in Quality Management and Health Care Safety Systems**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Diploma in Quality Management and Health Care Safety Systems

This is a program of 450 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

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 Global University will make the necessary arrangements to obtain it, at an additional cost.

tech global university

Postgraduate Diploma

Quality Management and Health Care Safety Systems

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Credits: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Diploma

Quality Management and Health Care Safety Systems

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