

Postgraduate Diploma

Patient and Organizational Safety for Nursing



Postgraduate Diploma Patient and Organizational Safety for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 24 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-patient-organizational-safety-nursing

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01

Introduction

Safety is a fundamental aspect of healthcare and refers to the prevention of adverse events and errors in patient care. It is closely related to the quality of care and is affected by a variety of factors, including organizational culture including organizational culture, processes of care, staff training and the technology used. For this reason, TECH has designed a qualification that allows nurses to maximize their knowledge on aspects such as Safe Sedation, UV Radiation, Emergency Plans and Pharmacovigilance, among others. All this, thanks to a 100% online modality and with the most complete and up-to-date multimedia materials on the educational market.



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Update your knowledge on Drug Safety and Prevention Systems, in a 100% online modality and in the comfort of your home”

Healthcare organizations should focus on the attitude and behavior of healthcare professionals towards patient safety. Safety culture is developed through effective communication, transparency and staff training. A positive culture helps prevent errors and adverse events, as well as promote continuous improvement of care processes.

For this reason, TECH has designed a Postgraduate Diploma in Patient and Organizational Safety for Nursing with the aim of providing students with the necessary skills to be able to perform their work with the highest possible quality. Thus, throughout the program, aspects such as Environmental Safety in Healthcare Centers, ERAS Strategies, Safety in Surgery and Palliative Care will be addressed.

All this, thanks to a convenient 100% online mode that allows students to carry out their studies, being able to combine them with their other work and interests. Furthermore, the study plan includes practical activities and the most innovative and complete didactic materials available in the current academic market.

This **Postgraduate Diploma in Patient and Organizational Safety for Nursing** 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 healthcare experts in Patient and Organizational Safety
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions for experts, discussion forums on controversial issues and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



Become an expert in Patient and Organizational Safety in only 6 months and with total freedom in your schedules"

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Maximize your professional profile in the field of Nursing, deepening in areas such as Neonatal Safety, through your Tablet, Mobile or Computer”

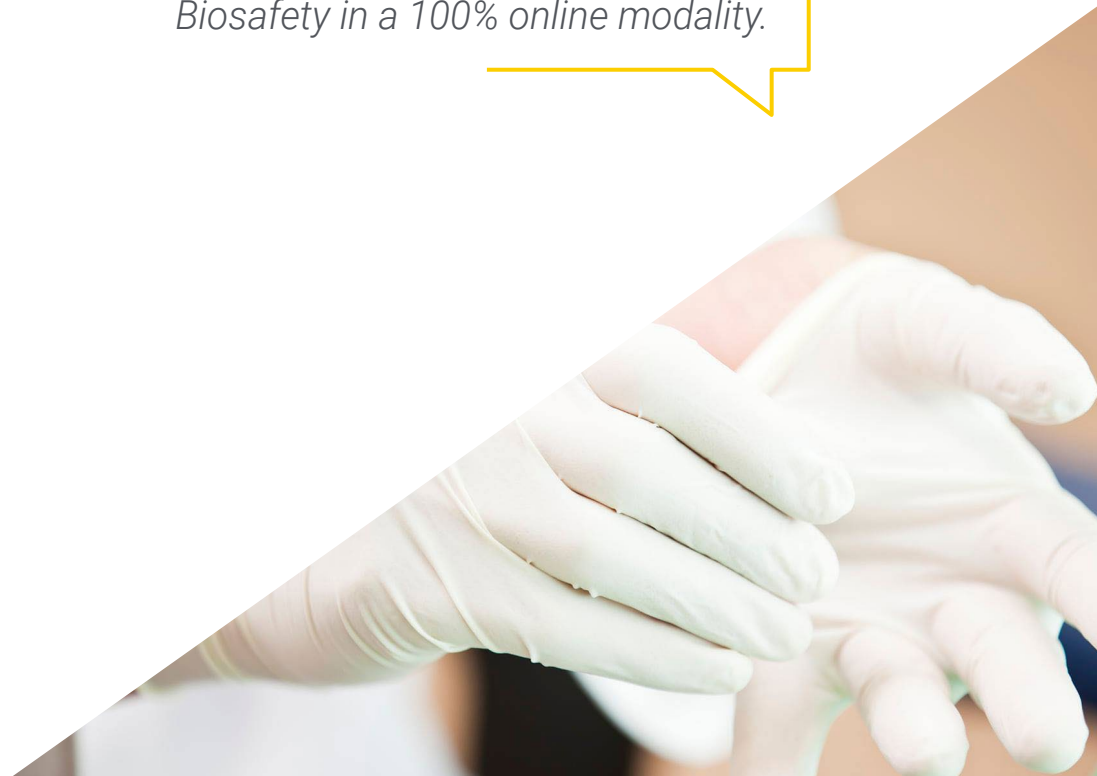
The program’s teaching staff includes professionals from the industry who contribute their work experience to this program, as well as renowned specialists from leading societies and prestigious universities.

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

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Update your skills in one of the most promising areas of Nursing, thanks to TECH, the largest digital university in the world.

Acquire new and better skills on aspects such as Microbiological Sampling Methods of Environmental Biosafety in a 100% online modality.



02 Objectives

The objective of this Postgraduate Diploma in Patient and Organizational Safety for Nursing is to provide students with the skills and specialized knowledge to be able to face their work in this area as expert professionals and with the highest quality in their work. All of this, thanks to the most updated and complete theoretical and practical contents on the current educational market.



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Reach your most demanding goals in one of the areas with the greatest potential in the field of Nursing, thanks to this unique and completely updated TECH program"



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 implemented in pediatric patient safety
- ♦ Justify the importance and guidelines of surgical safety in the public health setting by defining a minimum set of measures
- ♦ Promote safe working environments for the patient and for the professionals
- ♦ Promote research, innovation and training in patient safety
- ♦ Analyze the management of adverse events and improvement plans to avoid them
- ♦ Dive into the concepts, methods and strategies for the improvement of patient safety in healthcare institutions
- ♦ Substantiate the best evidence on safety from biobanks and transfusion safety technologies
- ♦ Analyze patient safety strategies approached from different healthcare areas



Specific Objectives

Module 1. Safety of Medicines and Health Care Products. Pharmacy and Hematology

- ♦ Determine adverse effects in high-risk drugs and strategies for error prevention
- ♦ Update knowledge on monitoring by pharmacokinetics
- ♦ Analyze the Pharmacovigilance System
- ♦ Conduct a review of medical device errors: adverse incidents, alerts and notifications
- ♦ Examine robotic systems for drug packaging and dispensing and unit dose dosing systems, repackaging and unit dose manufacturing, automated and conventional systems
- ♦ Indicate the safety of biobanks and transfusion safety
- ♦ Develop safety aspects related to medication

Module 2. Organizational Safety

- ♦ Identify safety risks in health information management
- ♦ Analyze the various organizational structures to promote patient safety
- ♦ Implement new, more attractive and modern security 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

Module 3. Patient Safety in the Surgical Block. High Risk Areas

- ♦ Update the functional and structural characteristics of the Surgical Block directly related to patient safety
- ♦ Analyze the interventions that professionals must carry out to ensure the safety of patients receiving surgical treatment, essential to contribute to the reduction of adverse effects related to the same
- ♦ Analyze the situations in the surgical practice environment susceptible to risk for the patient and the most common risks
- ♦ Examine the different activities, methods and tools for the improvement of surgical safety
- ♦ Develop the different programs and strategies as a tool for the improvement of surgical safety, as well as their level of implementation in the surgical area
- ♦ Identify the role of health care professionals in the strategies for the improvement of surgical patient safety
- ♦ Establish different safety controls that can be performed in any operating room

Module 4. Safety of the Pediatric Patient

- ♦ Acquire the ability to identify the pediatric patient as vulnerable
- ♦ Elaborate risk maps to detect the most frequent adverse events in the pediatric age group.
- ♦ Objectify the risk situations of the neonatal patient and his environment
- ♦ Consider the safety of the pediatric patient in clinical research
- ♦ Analyze diagnostic processes and functional tests as generators of safety incidents in children
- ♦ Identify safety risk situations in the pediatric critical patient and their environment.

- ♦ Review the pediatric surgical and anesthetic process as a safe environment
- ♦ Know how to detect safety risks in the pediatric patient of special vulnerability: palliative, oncologic and pain management



Delve into topics such as Zero Project Types and Occupational Risk Prevention, in a complete and innovative program that TECH has designed for you"

03

Course Management

For this Postgraduate Diploma in Patient and Organizational Safety for Nursing, TECH has selected an outstanding team of professionals specialized in Patient and Organizational Safety. In this way, students will obtain the most advanced and current information from the hand of prestigious active specialists, who have created a complete, unique content and have the best teaching materials on the market.





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Leading experts in the field of Nursing will be responsible for you to get a successful update in this field, quickly and from the comfort of your home"

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 Córdoba
- ♦ Specialist in Pediatric Surgery at the Medical-Surgical Hospital of Jaén
- ♦ Responsible for Pediatric Surgery Training at the University Reina Sofia 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
- ♦ Degree in Medicine and Surgery from the University of Granada
- ♦ Postgraduate Certificate in Communication with the Pediatric Patient
- ♦ Expert in Clinical Management
- ♦ University Diploma of Specialization in Quality and Patient Safety in Healthcare Institutions
- ♦ Postgraduate Certificate in Bioethics
- ♦ Member of: European Society of Pediatric Endoscopic Surgery, Spanish Society of Pediatric Surgery, Editorial Committee of the journal of the Spanish Society of Pediatric Surgery and Scientific Evaluation Committee of the Spanish Society of Pediatric Surgery

Professors

Dr. Salcedo Leal, Inmaculada

- ♦ Head of the Preventive Medicine and Public Health Interlevel Service of the Reina Sofia University Hospital of Córdoba
- ♦ Evaluator of the Bank of Experts of the State Evaluation Agency (MINECO)
- ♦ Interlocutor at the Board of Andalusia in the Phase Reduction of Isolation and Social Distancing Measures
- ♦ Associate Professor in the Department of Medical and Surgical Sciences, Faculty of Medicine and Nursing, University of Córdoba
- ♦ Doctor in Medicine and Surgery at the University of Córdoba
- ♦ Specialist in Preventive Medicine and Public Health at the Reina Sofia Hospital in Córdoba
- ♦ Specialist in Family and Community Medicine at the Virgen Macarena Hospital in Seville and the Pino Montano Health Center in Seville
- ♦ Master's Degree in Public Health and Health Administration by the Andalusian School of Public Health of Granada
- ♦ Postgraduate Diploma in quality of health institutions by the Andalusian School of Public Health of Granada
- ♦ Member of: President of the National Commission of the Specialty of Preventive Medicine and Public Health, Vice-President of the Spanish Society of Preventive Medicine, Public Health and Health Management (SEMPSPGS), Vice-President of the Andalusian Society of Preventive Medicine, Public Health and Health Management (SAMPSPGS), Spokesperson of the Ministry of Health and Families of the Andalusian Regional Government in the Coronavirus expert group and Spokesperson of the High Impact Public Health Alerts Council

Ms. Moñiz Diez, Ana María

- ♦ Researcher at the Department of Preventive Medicine and Public Health
- ♦ Author and co-author of several scientific articles
- ♦ Speaker at International Congresses
- ♦ Professional Master's Degree in Genetics and Evolution, University of Granada
- ♦ Degree in Biotechnology by the University of Granada

Dr. Monserrat Villatoro, Jaime

- ♦ Health Technician in the Multiprofessional Teaching Unit of Family and Community Care of the Córdoba and Guadalquivir Health District
- ♦ Collaborating Professor in the Department of Preventive Medicine and Public Health of the University of Córdoba
- ♦ Postgraduate Diploma in BIG Data National University of Distance Education
- ♦ Graduate in Medicine from the University of Córdoba

Mr. Cordero Ramos, Jaime

- ♦ Specialist in Hospital Pharmacy at Virgen Macarena University Hospital
- ♦ Master's Degree in Clinical Research by the Menéndez Pelayo International University
- ♦ Master's Degree in Clinical Trials from the University of Seville
- ♦ Postgraduate Diploma in Statistics and Interpretation of Medical Studies
- ♦ Degree in Pharmacy

Dr. Gras García, Elena María

- ♦ Specialist in Preventive Medicine and Public Health
- ♦ COVID-19 protocol coordinator during the SARS-CoV2 pandemic at the Ayora Health Center System
- ♦ Doctorate in Medicine from the Autonomous University Madrid
- ♦ Master's Degree in Public Health and Health Management at the Andalusian School of Public Health
- ♦ Studies in Public Health and Intercultural Collective Health at the National University of Colombia

Dr. Ruiz Salcedo, Sofía

- ♦ Specialist in Family and Community Medicine
- ♦ Evaluation of compliance with the special vaccination schedule in Rheumatology patients at the Reina Sofia University Hospital
- ♦ Teacher in the Continuing Education program in Respiratory Pathology for Residents and Tutors of Family and Community Medicine in the Multiprofessional Teaching Unit of Family and Community Care of Córdoba

Dr. Fornés Torres, Gema

- ♦ Head of Immunohematology Area (Serological and Molecular Studies)
- ♦ Acting Medical Director of the Transfusion, Tissue and Cell Center of Córdoba (CTTC)
- ♦ Area Head of Serology, Nucleic Acid Amplification Technology, Platelet Immunology
- ♦ Specialty in Hematology and Hemotherapy at the Reina Sofía University Hospital of Córdoba
- ♦ Assistant Physician of Hematology and Hemotherapy at the Reina Sofía University Hospital of Córdoba
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid

Dr. Delgado Osuna, José Antonio

- ♦ Deputy Provincial Director of Information Systems and Technologies in the province of Córdoba in the Andalusian Health Service
- ♦ Lecturer 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 Computing and Intelligent Systems from the University of Granada.
- ♦ Higher Engineering Degree in Computer Science from the University of Granada
- ♦ Technical Engineer in Computer Science

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 Córdoba
- ♦ 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 Córdoba
- ♦ Graduate in Medicine and Specialist

Mr. Leiva Cepas, Fernando

- ◆ Specialist in Anatomic Pathology at the Anatomic Pathology Department of the Reina Sofia University Hospital of Córdoba
- ◆ Specialist in Family and Community Medicine
- ◆ Medical Specialist in Anatomic Pathology at the Reina Sofia University Hospital of Córdoba
- ◆ Clinical Tutor of Anatomic Pathology at the Anatomic Pathology Department of the Reina Sofia University Hospital of Córdoba
- ◆ Researcher in the Muscle Regeneration Research Group (REGMUS)
- ◆ Researcher in the GC-12 Research Group in Epidemiological Research in Primary Care at the Maimonides Institute of Translational Biomedical Research
- ◆ Honorary Collaborator of Histology in the Department of Morphological Sciences of the University of Córdoba
- ◆ Teacher of Pathological Anatomy and Anatomy from the University of Córdoba
- ◆ PhD Cum Laude in Biomedicine with international mention from the University of Córdoba
- ◆ Graduate in Medicine from the University of Córdoba
- ◆ Graduate in Biochemistry Medicine from the University of Córdoba
- ◆ Master's Degree in Translational Biomedical Research from the University of Córdoba

Dr. Gil Campo, María Mercedes

- ◆ Coordinator of the Metabolism and Research Unit of the Reina Sofia University Hospital in Córdoba
- ◆ Specialist Pediatrician
- ◆ Professor of Pediatrics at the Faculty of Medicine from the University of Córdoba
- ◆ Doctor in Medicine from the University of Córdoba
- ◆ Degree in Medicine and Surgery from the University of Córdoba

Dr. Ferrer Higuera, María José

- ◆ Medical Director of the North Health Management Area of Córdoba
- ◆ Deputy Medical Director of the Reina Sofia University Hospital of Córdoba
- ◆ Specialist in Intensive Care Medicine at the University Hospital Reina Sofia of Córdoba
- ◆ 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 Córdoba

Mr. Toro Santiago, Joaquín

- ♦ Head of the Integrated Training Unit at the Reina Sofia University Hospital in Córdoba
- ♦ 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 Córdoba
- ♦ Professor of the Master in Nursing Care of the Hospitalized Patient at the University of Barcelona
- ♦ University Diploma in Nursing at the University of Córdoba
- ♦ Pediatric Nurse Specialist
- ♦ Lecturer 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 Córdoba
- ♦ Pediatric Nurse Specialist

Dr. Sánchez Sánchez, Rafael

- ♦ Anatomopathologist at the Red Cross Hospital in Córdoba
- ♦ Medical Director at Asistencia Los Ángeles de Córdoba
- ♦ Specialist in Anatomic Pathology at the Reina Sofia University Hospital in Córdoba
- ♦ Quality and Safety Manager of the Anatomic Pathology Clinical Management Unit of the Reina Sofia University Hospital of Córdoba
- ♦ Degree in Medicine from the University of Córdoba
- ♦ Regional Master's Degree in Emergency Medicine at the University of Córdoba
- ♦ Specialization Diploma in Quality and Patient Safety in Health Institutions from the University of Granada

Ms. López Cabrera, Estefanía

- ♦ Supervisor of Preventive Medicine and Public Health at the Reina Sofia University Hospital of Córdoba
- ♦ Work Nurse Specialist in the Occupational Health Unit of the Reina Sofia University Hospital of Córdoba
- ♦ Lecturer in the area of Preventive Medicine and Public Health at the Reina Sofia 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 Córdoba
- ♦ 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
- ♦ Diploma in Nursing from the University of Córdoba
- ♦ Diploma in Nursing from the University of Córdoba

Dr. Romero Martinez, Jesús

- ♦ Head of the Pediatric Anesthesiology Department at the Reina Sofia Hospital in Córdoba
- ♦ Coordinator of the surgical block of the Maternal and Infant Hospital
- ♦ Clinical tutor attached to the department of medical-surgical specialties of the University of Córdoba
- ♦ Tutor for residents in training in Anesthesiology and Resuscitation at the Reina Sofia Hospital in Córdoba
- ♦ Doctor of Medicine from the University of Córdoba
- ♦ Degree in Medicine and Surgery from University of Córdoba

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 Córdoba

Dr. Marín González, Beatriz

- ♦ Specialist in Preventive Medicine and Public Health
- ♦ Specialist in Family and Community Medicine
- ♦ Doctor of Medicine
- ♦ Master's Degree in Research Methodology by OCU
- ♦ Master's Degree in Emergencies from the University of Córdoba
- ♦ Master's Degree in Public Health from the University of Granada
- ♦ Expert in Pediatric Emergencies Catholic University of Valencia
- ♦ Antimicrobial Resistance Expert

D. 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 Córdoba
- ♦ Postgraduate Specialization in Explosive Atmospheres by the Polytechnic University of Madrid
- ♦ Prevention of Occupational Risks Specialty Occupational Safety Esculapio Foundation

Dr. Vallejo Cantero, Francisco Javier

- ♦ Head of the Anesthesiology and Resuscitation Department at the Reina Sofia University Hospital in Córdoba
- ♦ Member of the group for the implementation and development of the integrated care process "Childhood pain" in the HURS of Córdoba
- ♦ Area Specialist in Anesthesiology and Resuscitation at the Reina Sofia University Hospital in Córdoba
- ♦ Resident tutor in the specialty of anesthesiology and resuscitation at the University Hospital of Córdoba
- ♦ Anesthesiology assistance to the transplant program of the Reina Sofia Hospital
- ♦ Assistance work preferably in the maternal and infant surgical block of the Reina Sofia Hospital
- ♦ Coordinator of the accreditation of clinical sessions of the Anesthesiology and Resuscitation service at the HURS of Córdoba
- ♦ Degree in Medicine and Surgery from the University of Córdoba

Ms. Romero Romero, Lucía

- ♦ Nurse in the Tracking Unit at the Reina Sofia University Hospital in Córdoba
- ♦ Nurse in the Internal Medicine Clinical Management Unit in the COVID-19 Unit at the Reina Sofia University Hospital in Córdoba
- ♦ University Expert in Hemodialysis and Renal Transplantation for Nursing at the Antonio de Nebrija University
- ♦ Master's Degree in Occupational Risk Prevention with a specialization in Industrial Hygiene from the University of Córdoba
- ♦ University Expert in Mechanical Ventilation and Airway Care for Nursing by the Antonio de Nebrija University
- ♦ Postgraduate Diploma in Polytraumatized and Monitoring in ICU for Nursing by the Antonio de Nebrija University
- ♦ Degree in Nursing at the University of Córdoba

Ms. Continente Bermudo, Cristina Isabel

- ♦ Pediatric Nurse at the Reina Sofia University Hospital in Córdoba
- ♦ Degree in Nursing at the University of Córdoba
- ♦ Specialist in Family and Community Nursing
- ♦ Specialist in Pediatric Nursing at Reina Sofia University Hospital
- ♦ Master's Degree in Proactive Nursing Care from the Catholic University of Avila
- ♦ Postgraduate Diploma in School Nursing from the International University of La Rioja

Ms. González Zurita, Ana Isabel

- ♦ Supervisor of the Pediatric Surgery UGC of the Reina Sofía University Hospital
- ♦ Graduate in Nursing from the University of Córdoba
- ♦ Teacher of the Nursing Care Course in the Hospitalized Pediatric Patient
- ♦ Master's Degree in Pharmacotherapy for Nursing from the University of Valencia
- ♦ Master's Degree in Specialized Nursing Care in Emergency, Critical Care and Post-Anesthesia Areas
- ♦ Degree in Nursing at the University of Córdoba

Dr. Rubio Osuna, Francisco

- ♦ Nurse in the Clinical Management Unit of Preventive Medicine and Public Health of the Reina Sofia University Hospital of Córdoba
- ♦ Master's Degree in Emergency Nursing Rey Juan Carlos University
- ♦ Master's Degree in Nutrition and Metabolism from the University of Córdoba
- ♦ Master's Degree in Pharmacotherapy for Nursing from the University of Valencia
- ♦ Degree in Nursing from the University of Córdoba

Dr. Benítez Muñoz, Helga María

- ♦ Specialist in the Pediatric Palliative Care Unit of the Pediatrics Service of the Reina Sofia University Hospital of Córdoba
- ♦ Clinical Tutor of the Pediatrics subject of the Medicine Degree of the University of Seville
- ♦ Specialist in Pediatrics and its specific areas by the Ministry of Science, Innovation and Universities
- ♦ Specialist in Pediatric Palliative Care
- ♦ Professional Master's Degree in Pediatric Palliative Care from the International University of La Rioja
- ♦ Degree in Medicine from the University of Seville

Ms. Álvaro Sánchez, Ester

- ♦ Nurse in Pediatric ICU at Reina Sofia University Hospital of Córdoba
- ♦ Pediatric Nurse Specialist at the Reina Sofia University Hospital
- ♦ Graduate in Nursing from the University of Salamanca
- ♦ Postgraduate Diploma in School Nursing by the UNIR
- ♦ Postgraduate Diploma in Nursing Leadership Nightingale Challenge by UNIR

Dr. González Morales, Laura

- ♦ Medical Specialist in Preventive Medicine at the Reina Sofía University Hospital
- ♦ Medical specialist in Nuestra Señora del Prado University Hospital
- ♦ Medical specialist in the Poniente de Almería Health District
- ♦ Master's Degree in Public Health and Health Management by the National School of Health Carlos III Institute

Ms. Sánchez Reyes, Marta

- ◆ Nurse in Palliative Care in the Tracking Unit at the Reina Sofia University Hospital in Córdoba
- ◆ Pediatric Nurse Specialist
- ◆ Master's Degree in s Degree specialized in Pediatrics from the University of Valencia
- ◆ Master's Degree in Centers Healthcare from the University of Valencia
- ◆ Specialist in Emergency Nursing and Outpatient Emergencies from the European University of Madrid

Ms. Pabón González, Laura

- ◆ Nurse of Events and Preventive Services in Basic and Advanced Life Support ambulances in Ambulancias Ayón
- ◆ Specialty in Pediatric Nursing at Reina Sofia University Hospital
- ◆ University Expert in Nursing in Mental Health and Psychiatry by the UNED
- ◆ University Expert in Nursing in prescription, use and management of drugs by the UNED
- ◆ University Expert in Advanced Nursing Care by the University of León
- ◆ Official Master's Degree in International Health from the University of Málaga
- ◆ Degree in Nursing from the University of Málaga

Ms. Lara Robles, Patricia

- ◆ Researcher at the Maimonides Institute of Biomedical Research of Córdoba
- ◆ Assistant pharmacist at Morente Pharmacy
- ◆ Assistant Pharmacist at the Guillermo Sierra Pharmacy y otro CB
- ◆ Master's Degree in Clinical Analysis at CEMP Master's and Postgraduate Degrees
- ◆ Master's Degree in Integral Management and Monitoring of Clinical Trials at IMF Smart Education
- ◆ Degree in Pharmacy from the University of Granada

Dr. Montero Yéboles, Raúl

- ◆ Specialist Pediatrician
- ◆ Specialist in Pediatrics at the University Hospital of Salamanca
- ◆ Subspecialization in PICU
- ◆ Teacher in the Master in Respiratory Support and Mechanical Ventilation at the University of Valencia
- ◆ Teacher in the European Program of the European Society of Pediatric Intensive Care (Mentorship program)
- ◆ PhD in Pediatrics by the University of Salamanca
- ◆ Professional Master's Degree in International Cooperation from the Complutense University of Madrid
- ◆ Expert Diploma in Bioethics from the University of Granada
- ◆ Degree in Medicine from the Complutense University of Madrid

Ms. Guillén Climent, Silvia

- ◆ Clinical Trials Coordinator at the Maimonides Institute of Biomedical Research of Córdoba
- ◆ Research Technician at the Maimonides Institute of Biomedical Research of Córdoba
- ◆ Research Support Technician in Therabot Project
- ◆ Physiotherapist in several hospitals in Andalusia
- ◆ Master's Degree in Clinical Trials at the University of Seville
- ◆ Master's Degree in Occupational Risk Prevention by Francisco de Vitoria University
- ◆ Master's Degree in Physical Activity and Health, International University of Andalusia
- ◆ Degree in Physical Activity and Sport Sciences from the University of Extremadura

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 Córdoba
- ♦ Master's Degree in Medical Direction and Clinical Management
- ♦ University Expert in patient security
- ♦ Degree in Medicine and Surgery from the University of Córdoba

Mr. Jimber, Manuel

- ♦ Information Security Manager
- ♦ Head of the ICT Security Unit
- ♦ External Teacher in Risk Analysis and Management and Master's Degree in Cybersecurity
- ♦ Interuniversity Master's Degree in Information and Communication Technologies Security by the Open University of Catalonia
- ♦ Specialist in Quality and Patient Safety in Healthcare Institutions
- ♦ Diploma in Logical Systems by the University of Córdoba
- ♦ Expert in Personal Data Protection from the University of Murcia



Mr. Carazo del Río, Jesús

- ◆ Nurse in the Preventive Medicine Service
- ◆ 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

“

Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice”

04

Structure and Content

The structure and contents of this university degree have been prepared by a large team of professionals in the field of nursing, who have extensive experience in the sector. Therefore, the students will have at his disposal a complete syllabus that includes the most current and accurate information, complemented by the most innovative teaching materials, which can be accessed comfortably and whenever he wishes, without time limits of any kind.



“

Thanks to TECH and this complete program, you will be able to get completely up to date on Patient and Organizational Safety, without time limits and from any device with an internet connection"

Module 1. Safety of Medicines and Health Care Products. Pharmacy and Hematology

- 1.1. Safe Use of the Medication: Good Clinical Practice
 - 1.1.1. Bioethical Aspects
 - 1.1.2. Adverse Events
 - 1.1.3. Role of the Administration and the Industry in Error Prevention
- 1.2. Medication Errors
 - 1.2.1. Terminology and Classification of Medication Errors
 - 1.2.2. Causes of Measurement Errors
 - 1.2.3. Error Detection Methods
- 1.3. Medication Reconciliation
 - 1.3.1. Stages of the Reconciliation Process. Admission and Discharge Reconciliation
 - 1.3.2. Indicators of the Reconciliation Process
 - 1.3.3. Recommendations for Institutions and Organizations
- 1.4. High-Risk Medications. Strategies for error prevention.
 - 1.4.1. Standardization of Prescribing and Development of Protocols
 - 1.4.2. Automated Alert Systems
 - 1.4.3. Deprescribing in Polymedicated Patients
 - 1.4.4. Intrinsic and Extrinsic Criteria
 - 1.4.5. Innovations Applied to the Prevention of Medication Errors
- 1.5. Pain Prevention
 - 1.5.1. Pain as a Health Problem: Epidemiology of Painful Processes
 - 1.5.2. Safety in Pain Management
 - 1.5.3. Prevention Measures of Painful Processes
- 1.6. Transfusion Safety
 - 1.6.1. Hemovigilance System
 - 1.6.2. Optimal Use of Blood
 - 1.6.3. Patient Blood Management -(Pbm). Patient Blood Management

- 1.7. Safety in Biobanks
 - 1.7.1. Control Measures in Laboratories
 - 1.7.2. Biological Containment Levels
 - 1.7.3. Biosafety
 - 1.7.4. Transport of Samples
- 1.8. High-Risk Medications. Strategies for Error Prevention.
 - 1.8.1. Drugs Requiring Clinical Monitoring
 - 1.8.2. Pharmacokinetics
 - 1.8.3. Pharmacogenetics to Avoid Adverse Reactions
 - 1.8.4. Drugs of Similar Appearance
- 1.9. Pharmacovigilance System. Errors with Medical Devices: Adverse Incidents, Alerts and Notifications
 - 1.9.1. Types of Pharmacovigilance
 - 1.9.2. Automated Alert Systems
 - 1.9.3. Types of Studies Applied to Pharmacovigilance and Pharmacoepidemiology
- 1.10. Robotic Stems for the Packaging and Distribution of Drugs
 - 1.10.1. Unit Dose in Dosage Systems
 - 1.10.2. Distribution by Medicine Cabinet, Trolley Systems and Automated Cabinets
 - 1.10.3. Repackaging and Manufacturing of Unit Doses. Automated and Conventional Systems

Module 2. Organizational Safety

- 2.1. Patient Safety in Organizations
 - 2.1.1. Basics of Patient Safety
 - 2.1.2. Patient Safety. Evolution Over Time
 - 2.1.3. International Patient Safety Models
- 2.2. Patient Safety Structure in Health Care Facilities
 - 2.2.1. Patient Safety in the Management Teams
 - 2.2.2. Patient Safety Organizational Chart at the Health Care Facilities
 - 2.2.3. Involvement of the Professionals in Patient Safety

- 2.3. Patient Safety Training for Professionals
 - 2.3.1. Patient Safety Training for Health Care Professionals
 - 2.3.2. Effective pedagogical techniques in the Continuing Education of healthcare professional
 - 2.3.3. ICT Tools to support Continuing Education
 - 2.3.4. New Emerging Trends in Continuing Education
 - 2.3.4.1. Clinical Simulation in Virtual Environments
 - 2.3.4.2. Gamification
- 2.4. Information Security
 - 2.4.1. International Legal Framework for Information Security
 - 2.4.2. Fundamental Aspects of Health Information Safety
 - 2.4.3. Safety Risk Analysis in Health Information Management
- 2.5. Research and Innovation in Patient Safety
 - 2.5.1. Importance of Safety in the Field of Research and Innovation
 - 2.5.2. Ethical Considerations in Research
 - 2.5.3. Current Status of Patient Safety Research
- 2.6. Active Involvement of Patients and the Public in Patient Safety
 - 2.6.1. Informing patients and the public about the safety of their healthcare
 - 2.6.2. Actions to raise awareness and train patients and the public on risk prevention in the healthcare system
 - 2.6.3. Resources for Promoting the Active Participation of Patients in their Safety
- 2.7. Environmental Safety in Health Care Centers
 - 2.7.1. Environmental Safety in Health Care Facilities
 - 2.7.2. Monitoring and Control of Environmental Biosafety
 - 2.7.3. Prevention Techniques and Systems
- 2.8. Occupational Risk Prevention Safe Work Environments
 - 2.8.1. Occupational Hazards in the Health Center Worker
 - 2.8.2. Prevention Measures to Obtain Safe Working Environments
 - 2.8.2.1. Emergency Planning
 - 2.8.3. Occupational stress, mobbing and burnout
- 2.9. Safety in Sanitary Facilities
 - 2.9.1. Differential Characteristics in Health Care Facilities
 - 2.9.2. Quality Controls of the Facilities
 - 2.9.3. International Standards on the Safety of Health Care Facilities

- 2.10. Cost-Efficiency Analysis of Patient Safety
 - 2.10.1. Need to Quantify the Cost of Adverse Events
 - 2.10.2. Costs Related to Medication Errors
 - 2.10.3. Costs Related to Nosocomial Infections
 - 2.10.4. Costs Related to Errors in the Surgical Patient

Module 3. Patient Safety in the Surgical Block. High Risk Areas

- 3.1. ERAS Program (Enhanced Recovery After Surgery Program)
 - 3.1.1. Vision and Conceptualization of the ERAS Program
 - 3.1.2. ERAS Strategies
 - 3.1.3. ERAS Practical Application and Results
- 3.2. Project Zero
 - 3.2.1. Background on the Development of Zero Projects
 - 3.2.2. Types of Zero Projects
 - 3.2.3. Evolution of Infections According to the Results Obtained in Zero Projects
- 3.3. Environmental Biosafety in Controlled Environment Rooms
 - 3.3.1. Environmental Biosafety in Controlled Environments. Contextualization and Terminology
 - 3.3.2. Classification of Hospital Areas
 - 3.3.3. Environmental Biosafety Microbiological Sampling Methods
- 3.4. Safe Operating Rooms
 - 3.4.1. Intraoperative Discipline
 - 3.4.2. Situations Requiring Indication of Mandatory Microbiological Control
 - 3.4.3. Operating Room Circuits in Pandemic Situations
- 3.5. Proper Cleaning and Disinfection
 - 3.5.1. Operating Room Cleaning and Disinfection
 - 3.5.2. Surgical Area Spaces. Frequency of Cleaning
 - 3.5.3. Cleaning and Disinfection Procedures in the Surgical Area
 - 3.5.3.1. Products and Methods

- 3.6. Application of New Decontaminant Technologies
 - 3.6.1. UV Radiation
 - 3.6.2. Hydrogen Peroxide
 - 3.6.3. Quarternary Ammoniums
 - 3.6.4. Other Decontaminants
 - 3.6.4.1. Vaporized Ozone System, Copper, Silver
- 3.7. Shelf Life, Preservation and Storage of Sanitary Material
 - 3.7.1. Maintenance of Surgical Instruments
 - 3.7.2. Transport, Conservation and Storage of Surgical Instruments
 - 3.7.3. Quality Control of Surgical Instruments
- 3.8. Identification. Check List. Laterality Protocol
 - 3.8.1. Safety in Surgery
 - 3.8.2. Surgical Safety Checklist
 - 3.8.3. Laterality Protocol
- 3.9. Safe Practices in Diagnostic Tests
 - 3.9.1. Diagnostic Validity and Reliability
 - 3.9.2. Safe Practices to Reduce Risks
 - 3.9.3. Risk and Failure Analysis. Error Investigation
- 3.10. Safety in the Sensitive Surgical Patient
 - 3.10.1. Patients Allergic to Latex
 - 3.10.2. Multiple Chemical Sensitivity (MCS)
 - 3.10.3. Isolation Measures in the Surgical Block

Module 4. Safety of the Pediatric Patient

- 4.1. Safety of the Pediatric Patient
 - 4.1.1. Safety of the Pediatric Patient
 - 4.1.2. Comprehensive Safe Care
 - 4.1.3. Risk Management. Learning and Continuous Improvement
 - 4.1.4. Active Involvement of the Pediatric Patient and its Family
- 4.2. Pediatric Patient and Research. Monitoring
 - 4.2.1. Peculiarities of Research in the Pediatric Patient
 - 4.2.2. Ethical Aspects in Pediatric Research
 - 4.2.3. Pediatric Patient Safety Research

- 4.3. Safety in the Hospitalized Pediatric Patient
 - 4.3.1. Adverse Events in the Hospitalized Child
 - 4.3.2. Safety Strategies in the Hospitalized Pediatric Patient
 - 4.3.3. How to Report an Error
- 4.4 Safety in the Pediatric Surgical Process
 - 4.4.1. Presurgical Reception. Preoperative Safety
 - 4.4.2. Postoperative Safety in the Pediatric Surgical Patient
 - 4.4.3. Prevention of Postoperative Infections
- 4.5. Anesthetic Safety in Pediatrics
 - 4.5.1. Pediatric Perioperative Safety
 - 4.5.2. Safe Anesthesia in Major Outpatient Surgery
 - 4.5.3. Safe Sedation Outside the Operating Room
 - 4.5.4. Pediatric Locoregional Anesthesia
- 4.6. Pain Management in Pediatrics
 - 4.6.1. Importance of Pain as the Fifth Vital Sign
 - 4.6.2. Pain Assessment in Pediatrics
 - 4.6.3. Procedures to Reduce Pain in the Pediatric Patient
- 4.7. Palliative Care in Pediatrics
 - 4.7.1. Home Hospitalization in the Pediatric Palliative Care Patient
 - 4.7.2. Involvement of Family Members and Caregivers in the Safety of the Pediatric Palliative Care Patient
 - 4.7.3. Safe Use of Medications in Pediatric Palliative Care
- 4.8. Safety in Neonatology
 - 4.8.1. Differential Aspects of the Neonatal Period
 - 4.8.2. Main Safety Risks in the Neonatal Unit
 - 4.8.3. Safe Practices in Neonatology
- 4.9. Safety in Functional and Ambulatory Tests
 - 4.9.1. Patient Safety and Risk in the Healthcare Testing Setting
 - 4.9.2. Safe Practices for the Prevention of Adverse Events
 - 4.9.3. How to Deal with an Error
- 4.10. Safety at PICU
 - 4.10.1. Critical Patient Safety Indicators
 - 4.10.2. Main Causes of the Production of Adverse Events
 - 4.10.3. Safety Culture and Action in the Face of Adverse Events



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A program designed based on the most efficient teaching methodology, TECH's Relearning, which speeds up the study process and prevents you from having to spend too much time on it"

05

Methodology

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

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





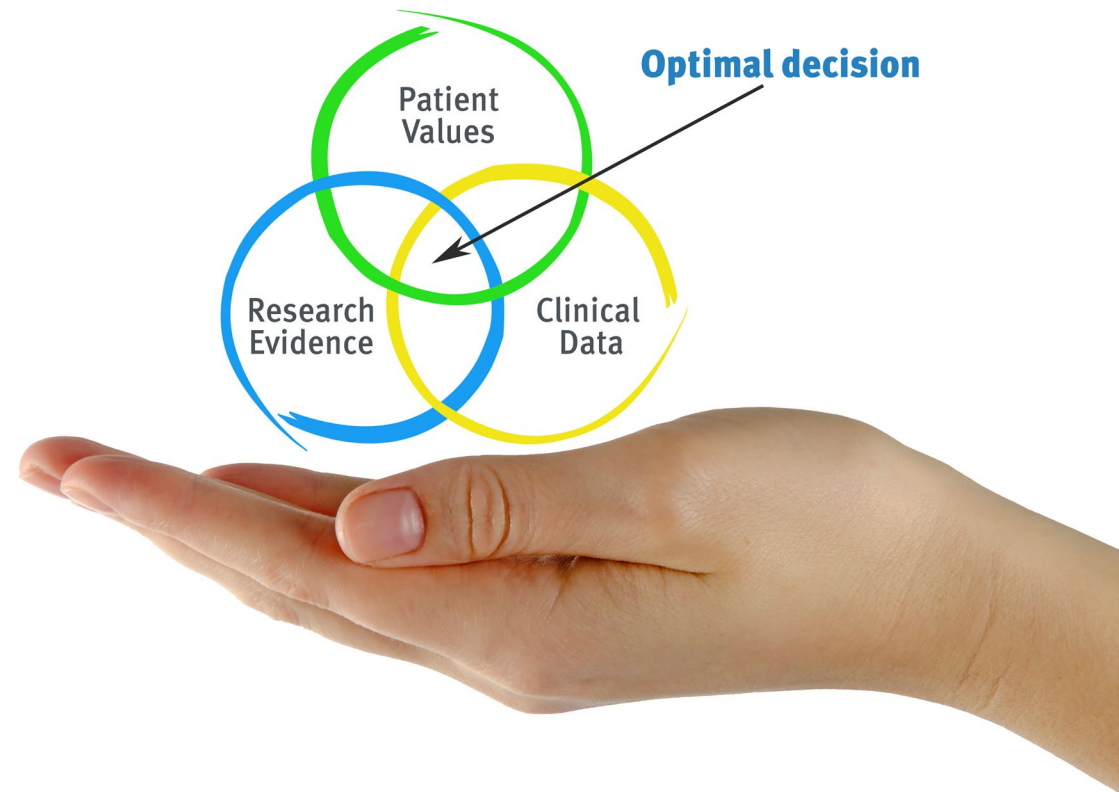
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? 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. Nurses learn better, faster, and more sustainably over time.

With TECH, nurses can experience a learning methodology 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, in an attempt to recreate the real conditions in professional nursing 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. Nurses 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 nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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 case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



The nurse 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.

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 we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. 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 really 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.



Nursing 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 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 them as many times as you want.



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 suggesting that observing third-party experts can be useful.
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 Patient and Organizational Safety for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 private qualification will allow you to obtain a **Postgraduate Diploma in Patient and Organizational Safety for Nursing** 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** private qualification 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 Patient and Organizational Safety for Nursing**

Modality: **online**

Duration: **6 months**

Accreditation: **24 ECTS**



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



Postgraduate Diploma
Patient and Organizational
Safety for Nursing

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Accreditation: **24 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Postgraduate Diploma

Patient and Organizational Safety for Nursing