

Postgraduate Diploma

Nursing Care of Traumatic Wounds



Postgraduate Diploma Nursing Care of Traumatic Wounds

- » 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-nursing-care-traumatic-wounds

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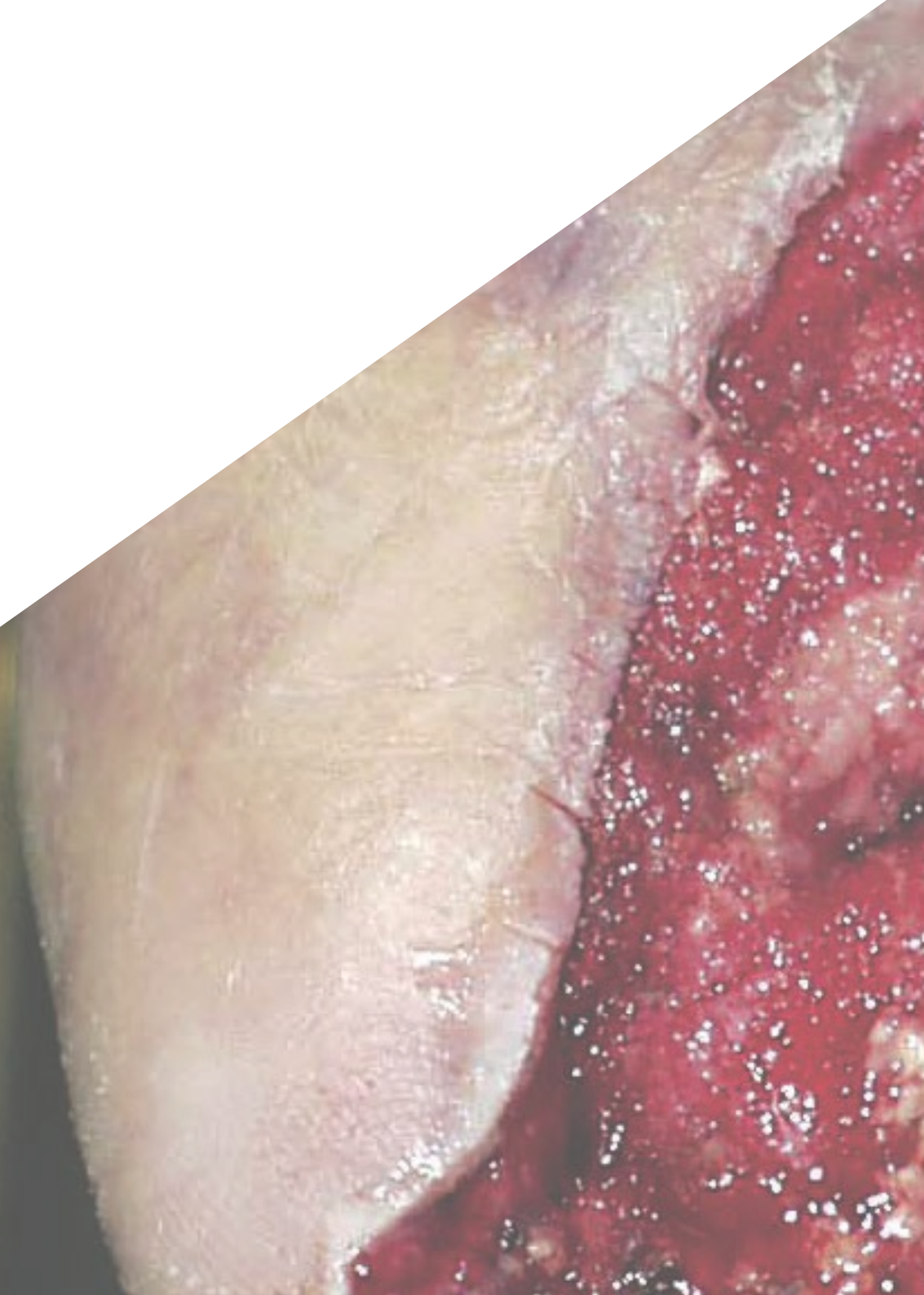
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01

Introduction

Traumatic Injuries have become one of the leading causes of death globally. According to a World Health Organization report, approximately 5 million people die each year as a result of traumatic injuries and millions suffer permanent disabilities. These illnesses not only have a physical impact, but also an emotional impact on patients. Given this, nurses play a key role in ensuring efficient recovery and preventing long-term complications. Therefore, these professionals need to handle the most sophisticated techniques for the comprehensive rehabilitation of patients. Faced with this, TECH presents a complete online university program focused on the most innovative strategies for the optimal approach to Traumatic Wounds.





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With this 100% online Postgraduate Diploma, you will identify the signs of Traumatic Wound complications and take preventive measures to avoid them”

The management of Traumatic Wounds has evolved considerably thanks to advances in medical technology and clinical research. An example of this is Negative Pressure Therapy, which promotes effective healing and reduces the risks of wound infection. In this context, nursing professionals play a vital role in the implementation of these innovations in daily clinical practice. For this reason, these experts need to have a thorough understanding of the most advanced treatments to address Traumatic Wounds and optimize clinical outcomes.

Given this scenario, TECH is launching a revolutionary Postgraduate Diploma in Nursing Care of Traumatic Wounds. Designed by references in this field, the academic itinerary will address the preparation of the wound bed. In this way, professionals will make more accurate assessments of the state of wounds. In this regard, the syllabus will delve into the most sophisticated treatments for wound care, among which Negative Pressure Therapy, Hyperbaric Oxygen or Laser Therapy stand out. On the other hand, the didactic materials will delve into the management of severe burns, while at the same time offering the keys to combat the acute complications derived from these.

To consolidate all this content, TECH uses the avant-garde method of Relearning, which consists of the progressive reiteration of key concepts for their correct assimilation. In addition, the university program provides professionals with a variety of real case studies, allowing them to practice in simulated environments to bring them closer to the reality of emergency situations. In this sense, to access the educational resources nurses will only require an electronic device capable of connecting to the Internet. In addition, the program will feature the collaboration of a distinguished International Guest Director, who will offer thorough master classes to delve into the latest advances in the treatment of Traumatic Wounds.

This **Postgraduate Diploma in Nursing Care of Traumatic Wounds** 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 in Wound Care for Nursing
- ♦ 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 self-assessment can be used 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



An outstanding International Guest Director will give a rigorous Masterclass to delve into the most avant-garde treatments for the approach of Traumatic Wounds”



Do you want to incorporate into your daily practice the most sophisticated non-pharmacological strategies to alleviate the pain of Pediatric Skin Injuries? Achieve it with this program in only 6 months”

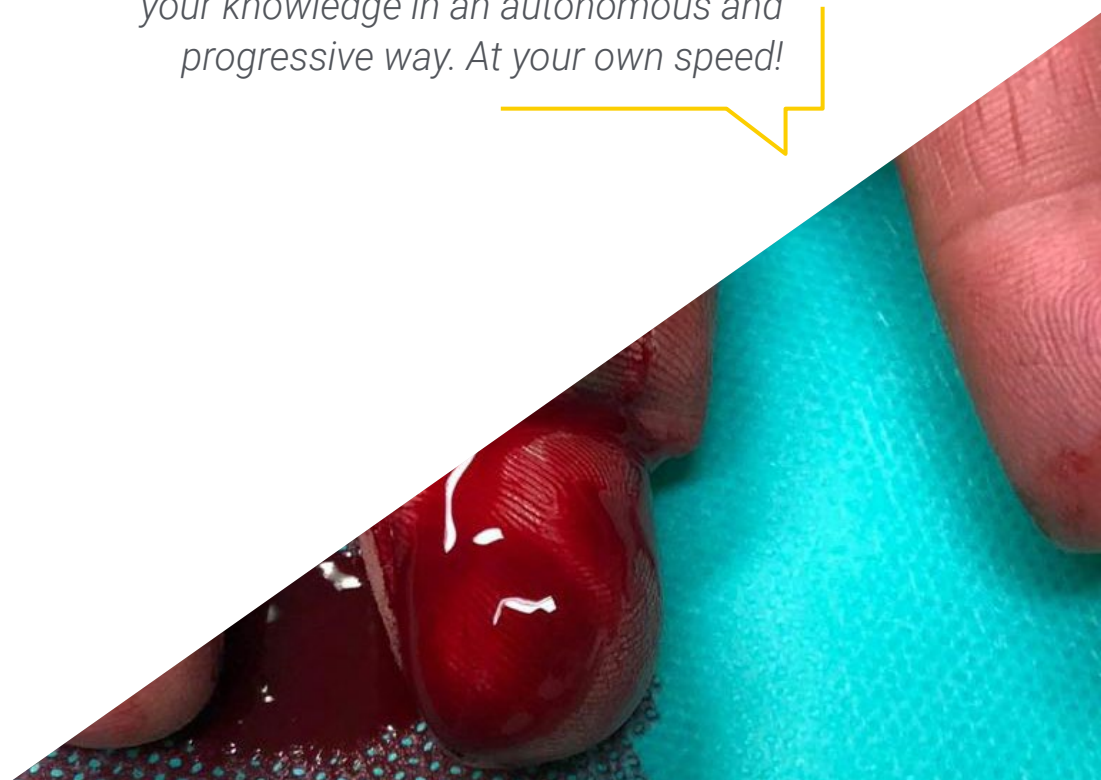
The program's teaching staff includes professionals from the sector who contribute their work experience to this program, in addition to renowned specialists from leading societies and prestigious universities.

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.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will deepen in the Physiology of Traumatic Wounds, which will allow you to evaluate the factors that influence healing.

TECH's innovative Relearning methodology will allow you to update your knowledge in an autonomous and progressive way. At your own speed!



02 Objectives

Upon completion of this Postgraduate Diploma, nurses will stand out for their extensive knowledge of the different types of Traumatic Wounds and their specific characteristics. Likewise, professionals will acquire competencies in wound cleaning techniques, ensuring a sterile environment and reducing the risk of infections. In addition, graduates will master the technique of Enzymatic Debridement, which will allow them to remove necrotic tissues safely and effectively. Along the same lines, they will be highly qualified to develop strategies to protect the wound bed, therefore avoiding additional trauma and facilitating healing processes.



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You will develop advanced skills in both identifying and accurately assessing different types of wounds, ensuring early and appropriate diagnosis”



General Objectives

- ♦ Develop key techniques and considerations in skin assessment in Nursing
- ♦ Determine the management of common dermatologic conditions
- ♦ Examine recent advances in dermatologic care and their application in Nursing practice
- ♦ Examine Dependency-Related Skin Lesions, and understand their etiology
- ♦ Analyze the risk factors and underlying causes of pressure ulcers
- ♦ Establish the relationship between prolonged pressure and ulcer development
- ♦ Assess the prevalence and impact of Dependency-Related Skin Lesions in health care
- ♦ Substantiate the complexity of comprehensive management of venous ulcers from a preventive approach
- ♦ Develop specialized competencies in the treatment and care of venous ulcers to design personalized care plans and coordinate interdisciplinary care for patients with venous ulcers
- ♦ Update knowledge on the latest advances and technologies in venous ulcer treatments to be able to integrate them into clinical practice and improve patient outcomes
- ♦ Analyze the pathophysiology of arterial ulcers, exploring the underlying causes and mechanisms that will trigger arterial ulcer formation to improve diagnosis and management
- ♦ Master assessment and diagnostic techniques, specializing nurses in the accurate identification of arterial ulcers, differentiation between arterial ulcers and other skin lesions, to facilitate an effective care plan
- ♦ Develop skills in the comprehensive management of arterial ulcers, providing practical tools and strategies for the treatment of arterial ulcers, including wound healing techniques, infection prevention and promotion of healing
- ♦ Substantiate relevant principles of surgical wound care
- ♦ Generate specialized knowledge to master wound assessment techniques to identify complications
- ♦ Manage best practices in wound dressing and cleansing
- ♦ Analyze the best strategies to prevent infection and promote optimal healing.
- ♦ Develop the importance of patient education in wound care
- ♦ Prevent the development of diabetic foot ulcers through a combination of proper skin care, patient education on regular foot inspection, proper footwear and early identification and management of risk factors
- ♦ Prevent serious complications such as infections, osteomyelitis and amputations by controlling blood glucose, treating neuropathy and peripheral vascular disease, and providing early care for any injuries
- ♦ Educate the patient on diabetic foot management, the importance of self-care: regular foot examination, proper skin care, wearing appropriate footwear, and seeking timely medical attention for injuries
- ♦ Adopt Advanced Treatment Strategies, specialized methods and techniques for the treatment of skin lesions in pediatrics
- ♦ Promote multidisciplinary collaboration with other health care professionals and Prevention and Education, instilling the importance of skin lesion prevention and education for parents and caregivers



Specific Objectives

- ♦ Develop specialized clinical skills in the management of skin lesions in Pediatrics and equip nurses with skills to treat and manage skin lesions in children
- ♦ Examine the Physiology of Pediatric Skin, determine the differences between pediatric and adult skin and the treatment of lesions
- ♦ Adopt Advanced Treatment Strategies, methods and specialized techniques for the treatment of skin lesions in Pediatrics
- ♦ Promote Effective Communication, develop skills to communicate with children and their caregivers in a compassionate and effective manner
- ♦ Adopt Advanced Treatment Strategies, methods and specialized techniques for the treatment of skin lesions in Pediatrics
- ♦ Promote Effective Communication, develop skills to communicate with children and their caregivers in a compassionate and effective manner
- ♦ Promote multidisciplinary collaboration with other health care professionals and Prevention and Education, instilling the importance of skin lesion prevention and education for parents and caregivers

Module 1. Skin Wound Management for Nursing

- ♦ Develop specialized knowledge of skin infections: causes, symptoms and treatments
- ♦ Propose skin care strategies for geriatric and chronically ill patients based on best practices and current scientific evidence
- ♦ Examine advances in dermatologic care, including the application of augmented reality and artificial intelligence in dermatologic diagnosis
- ♦ Generate patient education plans for skin care, using effective communication techniques and appropriate educational materials

Module 2. Management of Pediatric Skin Lesions for Nursing

- ♦ Identify common pediatric skin lesions such as rashes, burns and cuts
- ♦ Develop skills to assess skin lesions in children using appropriate methods and tools
- ♦ Implement effective treatment plans and apply appropriate treatment strategies for Pediatric Skin Lesions, use of specific dressings and medications
- ♦ Establish clear and compassionate communication with children and their families to explain treatments and procedures
- ♦ Establish lines of collaboration with multidisciplinary teams such as physicians and physiotherapists, to provide comprehensive care
- ♦ Prevent skin lesions and promote practices to prevent skin lesions in children and educate parents and caregivers about skin care

Module 3. Burn Management for Nursing

- ♦ Examine the physiology of burns, develop a solid understanding of the anatomy and physiology related to burns, including the healing process and possible complications
- ♦ Identify and classify the different degrees of burns and assess the extent and severity of injuries
- ♦ Master the basic and advanced techniques for the immediate treatment of burns, including pain management and infection prevention
- ♦ Understand the burn rehabilitation and recovery process, and manage strategies to minimize scarring, contractures, and other complications
- ♦ Encourage multidisciplinary collaboration with other health care professionals (surgeons, physiotherapists and psychologists) to provide comprehensive treatment
- ♦ Promote strategies for burn prevention, as well as educate patients and their families on safety measures and proper care



Module 4. Traumatic Wound Management for Nursing

- ♦ Develop specialized knowledge to perform a systematic initial assessment of traumatic wounds, including identification of signs of severity and determination of the need for immediate intervention
- ♦ Analyze the different wound closure techniques, from primary closure to the use of specialized dressings and bandages and select the most appropriate option according to the characteristics of the injury
- ♦ Master the postoperative management of traumatic wounds, follow-up of healing, infection prevention and physical and emotional rehabilitation of the patient
- ♦ Integrate prevention and education strategies in traumatic wound care, at both the individual and community levels, to reduce the incidence of injury and promote safe environments

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TECH will provide you with interactive summaries, detailed videos and clinical cases for you to enjoy a dynamic update”

03

Course Management

TECH's goal is to make available to everyone the most comprehensive and renewed university programs on the academic scene. For this reason, the institution carries out a thorough process to constitute their respective teaching staff. For the teaching of this Postgraduate Diploma, it has a first class teaching team made up of renowned experts in Nursing Care of Traumatic Wounds. These professionals have an extensive professional background, where they have worked in health institutions of international reference. Therefore, they have contributed to optimize the general well-being of many patients and, therefore, their quality of life.





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The teaching team of this program stands out for its extensive research and professional application in Nursing Care of Traumatic Wounds”

International Guest Director

David Pérez Barreno is an outstanding Advanced Practice Nurse specialized in Complex Chronic Wounds, who has practiced in the Malaga-Guadalhorce Valley Health District.. With an extensive professional and academic career, he has also held the position of President of the Spanish Association of Vascular and Wound Nursing, a position from which he has led initiatives to improve care and research in this field.

With an outstanding presence in national and international congresses, he has given more than 100 lectures, contributing to the advancement of knowledge in the field of Complex Chronic Wounds. In addition, his academic contribution has been extended as a member of the Malaga Care Research Group (Invescuída) IBIMA, where he has actively participated in research and development projects related to Wound Nursing.

He has also played an important role as Manager and Coordinator of Nursing staff in health care centers. Likewise, David Pérez Barreno's experience has extended to the publishing field, where he has acted as Administrator of OJS Platforms in scientific nursing journals, promoting the dissemination of knowledge and good practices in his field of specialization.

It should be noted that he has also been a member of the Board of Directors of the Spanish Wound Society and is a member of the European Wound Management Association (EWMA), consolidating his influence and commitment at international level in advanced woundmanagement.



Mr. Pérez Barreno, David

- Complex Chronic Wounds Nurse in the Malaga-Guadalhorce Valley Health District
- Manager and Coordinator of Nursing staff in health care centers
- KOL in several innovation and research projects related to Wound Care Nursing
- Member of the Group of Research in Care of Malaga (Invescuida) IBIMA
- Administrator of OJS Platforms in Nursing scientific journals
- Master's Degree in Deterioration of Cutaneous Integrity, Ulcers and Wounds by the Catholic University of Valencia
- University Expert in Care and Cure of Chronic Wounds by the University of Cantabria
- University Expert in Nursing Human Resources Management, UNED
- Postgraduate Certificate in Nursing from the University of Cadiz
- Diploma in Physiotherapy from the University of La Laguna, Tenerife
- Member of: Spanish Association of Vascular and Wound Nursing, Spanish Wound Society, and European Wound Management Association (EWMA)

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

Management



Mr. Toribio Martínez, Sergio José

- ♦ Academic Specialist in Nursing at the University of Granada
- ♦ Nurse of the Operating Room Service at the University Hospital of Ceuta
- ♦ Member of the Commission for Research, Teaching and Continuing Education at the University Hospital of Ceuta
- ♦ Expert in Evaluation of Continuing Health Education Activities at the National Institute of Health Management, Ministry of Health and Consumer Affairs
- ♦ Master's Degree in Nursing Sciences Research, University of Almeria
- ♦ Master's Degree in Occupational Risk Prevention, specializing in Ergonomics, Occupational Safety, Industrial Hygiene and Applied Psychosociology
- ♦ University diploma in Emergency Nursing from the Complutense University of Madrid
- ♦ Diploma in Nursing from the University of Granada
- ♦ Higher Diploma in Management and Administration of Health and Social Services Companies, National School of Health, Carlos III Health Institute
- ♦ Diploma in Health by the National School of Health, Carlos III Institute of Health

Professors

Ms. Bueno Ramírez, Soledad

- ◆ Nurse of Internal Medicine and Outpatients at the University Hospital of Ceuta
- ◆ Nurse at the Fresenius Medical Care Dialysis Center
- ◆ Nurse in the Surgical Medicine Service at the Military Hospital, Ceuta
- ◆ Nurse in the Psychiatry and Internal Medicine Service at the Reina Sofia University Hospital
- ◆ Nurse at the Ceuta Dialysis Center, Ceuta
- ◆ Nurse at FEAPS (Center for the Physically, Mentally and Sensory Handicapped)
- ◆ Nurse for Nest, Emergency and Plant Services at Hospiten Sur, Tenerife
- ◆ Master's Degree in Nursing in Emergencies and Catastrophes
- ◆ Master's Degree in Nursing in Internal Medicine
- ◆ University Diploma in Nursing Processes and Interventions in the field of General Care
- ◆ University Expert in Disaster Management for Nursing
- ◆ Postgraduate Diploma in Advanced Life Support
- ◆ Postgraduate Diploma in Severe Trauma Care for Nurses
- ◆ University Expert in Emergency Medical Care for Nursing
- ◆ University Expert in Pregnancy, Childbirth and Puerperium for Nursing
- ◆ University Expert in Pediatric Care for Nursing
- ◆ Diploma in Business Nursing from the University of Ceuta
- ◆ Diploma in Nursing from the University of Granada
- ◆ Higher Technician in Clinical Diagnostics Laboratory

Ms. Pareja Miralles, Patricia

- ◆ Nurse of the Internal Medicine Service at the University Hospital of Ceuta
- ◆ Dialysis Service Nurse at RTS (BAXTER)
- ◆ Nurse of the Dialysis Service at Fresenius Medical Care
- ◆ Nurse at the Venus Center, Ceuta
- ◆ Master's Degree in Internal Medicine Nursing
- ◆ Emergency Nursing
- ◆ Postgraduate Diploma in Advanced Life Support for Nursing
- ◆ Postgraduate Diploma in Disaster Management for Nurses
- ◆ University Expert in Processes of Nursing Interventions in the Field of General Care
- ◆ University Expert in Pediatric Care for Nursing
- ◆ University Expert in Pregnancy, Childbirth and Puerperium for Nursing
- ◆ Postgraduate Diploma in Severe Trauma Care for Nurses
- ◆ University Expert in Emergency Medical Care for Nursing
- ◆ Diploma in Nursing from the University School of Granada

Ms. Gaona Ortiz, Noelia

- ♦ Nurse in Public Health Services and Centers in Ceuta
- ♦ Nurse in Franciscan Brothers of Cruz Blanca
- ♦ Nurse in Pia Union Fraternity of Christ, Residence Nazareth, Ceuta
- ♦ Nurse in Residencia Sar Rosario, Torres de la Alameda, Madrid
- ♦ Nurse in Provincial Sanitary Union, Ceuta
- ♦ Nurse at Medical Center and Home Care, Ceuta
- ♦ Master's Degree in Nursing in Emergencies and Disasters by the University CEU Cardenal Herrera
- ♦ Master's Degree in Nursing Direction and Management, CEU Cardenal Herrera University
- ♦ Master's Degree in Nursing in the Internal Medicine Department by the University CEU Cardenal Herrera
- ♦ University expert in Infectious Diseases Applied to Nursing by the CEU Cardenal Herrera University
- ♦ University expert in Medical Emergencies for Nursing by the CEU Cardenal Herrera University
- ♦ University expert in Severe Trauma Care for Nursing by the CEU Cardenal Herrera University
- ♦ University expert in Advanced Life Support by the CEU Cardenal Herrera University
- ♦ University expert in Nursing Processes and Interventions in the field of General Care by the CEU Cardenal Herrera University
- ♦ University expert in Disaster Management for Nursing, CEU Cardenal Herrera University
- ♦ Diploma in Nursing from the University School of Nursing Red Cross, Ceuta

Ms. Romero Sousa, Gema María

- ♦ Nurse at the University Hospital of Ceuta
- ♦ Primary Care Nurse
- ♦ Nurse in Spanish Red Cross
- ♦ Nurse at Cruz Blanca
- ♦ Nurse at Gerón Residence
- ♦ Nurse in Nazareth Residence
- ♦ Professional Master's Degree in Accident, Emergency and Disaster Nursing
- ♦ Professional Master's Degree in Nursing in Internal Medicine
- ♦ Postgraduate Diploma in Severe Trauma Care for Nurses
- ♦ University Expert in Emergency Medical Care for Nursing
- ♦ Postgraduate Diploma in Disaster Management for Nurses
- ♦ University Expert in Applied Infectious Diseases in Nursing
- ♦ Postgraduate Diploma in Advanced Life Support for Nursing
- ♦ Graduate in Nursing from the University of Malaga

Ms. Fernández de Barrena San Miguel, Ainhoa

- ◆ Nurse in the Emergency Department at the University Hospital of Ceuta
- ◆ Nurse in Vivanta Clinics, Aesthetic Medicine
- ◆ Nurse in Plena Inclusion Ceuta
- ◆ Nurse at the Temporary Stay Center for Immigrants (CETI)
- ◆ Professional Master's Degree in Accident, Emergency and Disaster Nursing
- ◆ Professional Master's Degree in Internal Medicine Nursing
- ◆ Postgraduate Diploma in Disaster Management for Nurses
- ◆ University Expert in Emergency Medical Care for Nursing
- ◆ Postgraduate Diploma in Severe Trauma Care for Nurses
- ◆ Postgraduate Diploma in Advanced Life Support for Nursing
- ◆ University Expert in Applied Infectious Diseases in Nursing
- ◆ Diploma in Nursing from the University of Granada



A unique, crucial and decisive learning experience to boost your professional development"

04

Structure and Content

Through this university program, nurses will have a holistic understanding of the pathophysiology of Traumatic Wounds. The syllabus will deepen in the identification and assessment of wounds, which will allow professionals to make more accurate diagnoses. In line with this, the syllabus will analyze the most advanced strategies to approach the treatment of burns in different clinical contexts. The didactic materials will also focus on post-burn care, highlighting the importance of patients' physical and psychological rehabilitation to relieve pain and manage stress.



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You will learn the most effective strategies to reduce pain associated with Traumatic Wounds, including the use of analgesics and non-pharmacological techniques”

Module 1. Skin Wound Management for Nursing

- 1.1. Injury Evaluation
 - 1.1.1. Wound Identification and Assessment
 - 1.1.2. Recognition of Early Signs of Wounds
 - 1.1.3. Wound Assessment Tools
 - 1.1.4. Documentation and Monitoring of Wound Progression
- 1.2. Wound Bed Preparation
 - 1.2.1. Wound Cleaning: Techniques
 - 1.2.2. Enzymatic Debridement
 - 1.2.3. Exudate Management
 - 1.2.4. Stimulation of Granulation: Negative Pressure Therapy, Growth Factors and Hyperbaric Oxygen
 - 1.2.5. Wound Bed Protection
- 1.3. Wounds According to Typology
 - 1.3.1. Acute Wounds: Cuts, Burns and Fractures
 - 1.3.2. Chronic Wounds: Pressure, Venous and Diabetic Ulcers
 - 1.3.3. Surgical Wounds: Incisions, Excisions, Sutures
 - 1.3.4. Traumatic Wounds: Abrasions, Contusions, Lacerations
- 1.4. Treatment and Care of Wounds
 - 1.4.1. Advanced Therapies: Negative Pressure Therapy, Hyperbaric Oxygen, Laser Therapy
 - 1.4.2. Pain Management
 - 1.4.3. Wound Follow-Up and Evaluation
- 1.5. Wound Care in Humid Environment (CAH) and TIME Concept
 - 1.5.1. Principles of CAH Contraindications
 - 1.5.2. TIME: Non-Viable Tissue, Infection or Inflammation, Wound Bed Moisture, Wound Edges
 - 1.5.3. CAH and TIME Implementation: Initial Wound Assessment, Treatment Plan, Follow-Up and Adjustment of the Plan
 - 1.5.4. Scientific Evidence on CAH and TIME: Clinical Practice Guideline





- 1.6. Wound Physiology Wound Healing Process and Complications
 - 1.6.1. Healing Process: Inflammatory, Proliferative and Remodeling Phase
 - 1.6.2. Factors Affecting Healing: Nutrition, Age and Chronic Diseases
 - 1.6.3. Types of Healing: Healing by First Intention, by Second Intention and by Third Intention
 - 1.6.4. Complications in Healing: Infection, Dehiscence, Keloid
 - 1.6.5. Wound Treatment: Cleaning, Use of Antibiotics, Dressings
- 1.7. Management of Infection and Wound Complications
 - 1.7.1. Signs of Wound Infection: Redness, Warmth, Pain
 - 1.7.2. Treatment of Infection: Antibiotics, Debridement and Wound Care
 - 1.7.3. Wound Complications: Necrosis, Gangrene, Sepsis
 - 1.7.4. Infection Prevention: Wound Cleansing
 - 1.7.5. Management of Wound Complications
- 1.8. Management of Wound Care Materials
 - 1.8.1. Selection and Correct Use of Materials
 - 1.8.2. Storage of Materials: Storage Conditions and Inventory Management
 - 1.8.3. Material Handling Safety: Safe Disposal of Used Materials, Accident Prevention
- 1.9. Comprehensive and Integrated Care Among Different Professionals
 - 1.9.1. Teamwork: Roles and Responsibilities Conflict Resolution
 - 1.9.2. Coordination of Care: Shared Care Plan, Coordination with Other Services, Continuity of Care
 - 1.9.3. Referral to Specialists: Referral and Follow-Up Process
 - 1.9.4. Assessment of Quality of Care: Quality Indicators, Clinical Audits and Continuous Quality Improvement
- 1.10. Clinical Language in Relation to Wounds
 - 1.10.1. Anatomical, Wound Assessment and Wound Management Terms
 - 1.10.2. Effective Communication: Communication with the Patient and Other Health Care Professionals
 - 1.10.3. Clinical Documentation: Informed Consent
 - 1.10.4. Ethics in Wound Care: Respect for Patient Autonomy, Beneficence and Non-Maleficence, Justice

Module 2. Management of Pediatric Skin Lesions for Nursing

- 2.1. Skin Lesions in Pediatrics
 - 2.1.1. Infectious Lesions
 - 2.1.2. Inflammatory and Allergic Lesions
 - 2.1.3. Trauma Lesions
- 2.2. Assessment of Skin Lesions in Pediatrics
 - 2.2.1. Clinical Evaluation and Physical Examination
 - 2.2.2. Diagnostic Tests and Complementary Examinations
 - 2.2.3. Differential Diagnosis and Multidisciplinary Approach
- 2.3. Prevention of Skin Lesions in Pediatrics
 - 2.3.1. Hygiene and Skin Care
 - 2.3.2. Sun Protection and Exposure to the Elements
 - 2.3.3. Prevention of Traumatic Injuries and Contact with Irritants
- 2.4. Treatment of Skin Lesions in Pediatrics
 - 2.4.1. Topical Therapies
 - 2.4.2. Systemic Therapies
 - 2.4.3. Medical Procedures and Complementary Care
- 2.5. Care of Skin Lesions
 - 2.5.1. Hygiene and General Care
 - 2.5.2. Pain and Itching Management
 - 2.5.3. Prevention of Complications and Follow-Up
- 2.6. Pain Management in Pediatric Skin Lesions
 - 2.6.1. Pharmacological Strategies
 - 2.6.2. Non-Pharmacological Techniques for Pain Relief
 - 2.6.3. Emotional Support and Family Participation
- 2.7. Nutrition and Skin Lesions in Pediatrics
 - 2.7.1. Essential Nutrients for Skin Health
 - 2.7.2. Impact of Nutrition on Skin Conditions
 - 2.7.3. Nutrition for Recovery and Healing
- 2.8. Patient and Parent Education on the Care of Skin Lesions
 - 2.8.1. Diagnosis and Treatment
 - 2.8.2. Home Care and Infection Prevention
 - 2.8.3. Education for Emotional Support and Stress Management

- 2.9. Challenges in Pediatric Skin Lesion Care
 - 2.9.1. Compliance and Adherence to Treatment
 - 2.9.2. Pain and Discomfort Management
 - 2.9.3. Risk of Infection and Complications
- 2.10. Advances in the Treatment of Skin Lesions in Pediatrics
 - 2.10.1. Innovations in Topical Therapies and Medications
 - 2.10.2. Innovative Medical Technology and Procedures
 - 2.10.3. Personalized Approaches and Regenerative Medicine

Module 3. Burn Management for Nursing

- 3.1. Types and Grades of Burns
 - 3.1.1. Classification of Burns by Depth: Degrees
 - 3.1.2. Epidemiology and Risk Factors
 - 3.1.3. Mechanisms of Injury in Burns
- 3.2. Evaluation of Burns
 - 3.2.1. Initial Evaluation Methods
 - 3.2.1.1. 9' Rule
 - 3.2.1.2. Wallace's Rule
 - 3.2.2. Evaluation of Burn Depth
 - 3.2.3. Evaluation of the Extent of the Burn
- 3.3. Treatment in the Emergency Department
 - 3.3.1. Initial Management in the Emergency Department
 - 3.3.2. Pain and Anxiety Management
 - 3.3.3. Stabilization of the Patient and Airway Management
- 3.4. Management of Minor Burns
 - 3.4.1. Ambulatory Management
 - 3.4.2. Skin Care and Infection Prevention
 - 3.4.3. Patient Education on Home Care
- 3.5. Management of Moderate Burns
 - 3.5.1. Management in the General Hospital Setting
 - 3.5.2. Pain Management and Infection Control
 - 3.5.3. Changes in the Treatment According to the Etiology of the Burn

- 3.6. Management of Severe Burns
 - 3.6.1. Admission to Specialized Units
 - 3.6.2. Management of Acute Complications
 - 3.6.3. Management of Systemic Inflammatory Response Syndrome (SIRS)
 - 3.7. Management of Burns in Primary Care
 - 3.7.1. Immediate Treatment in Primary Care
 - 3.7.2. Handling of Dressing Material and Pain
 - 3.7.3. Follow-Up and Aftercare
 - 3.8. Post-Burn Care
 - 3.8.1. Physical and Psychological Rehabilitation
 - 3.8.2. Treatment of Scars and Sequelae
 - 3.8.3. Long-Term Follow-Up and Management of Late Complications
 - 3.9. Burn Prevention
 - 3.9.1. Public and Community Education
 - 3.9.2. Safety Measures at Home and in the Workplace
 - 3.9.3. Specific Prevention in At-Risk Populations
 - 3.10. Research and Development in Burn Management
 - 3.10.1. Advances in Treatment Techniques
 - 3.10.2. Research on New Materials and Therapies
 - 3.10.3. Development of Evidence-Based Management Protocols
- Module 4. Traumatic Wound Management for Nursing**
- 4.1. Traumatic Wound Care
 - 4.1.1. Proper Wound Cleaning
 - 4.1.2. Application of Sterile Dressings
 - 4.1.3. Prevention of Secondary Infections
 - 4.2. Care of Infected Wounds
 - 4.2.1. Use of Antibiotics According to Medical Indication
 - 4.2.2. Adequate Wound Drainage
 - 4.2.3. Constant Monitoring for Signs of Infection
 - 4.3. Care of Puncture Wounds
 - 4.3.1. Assessment of Possible Internal Damage
 - 4.3.2. Control of Internal Bleeding
 - 4.3.3. Monitoring for Signs of Infection
 - 4.4. Bite Wound Care
 - 4.4.1. Thorough Cleaning of the Wound
 - 4.4.2. Evaluation of Possible Deep Tissue Damage
 - 4.4.3. Administration of Rabies Vaccines if Necessary
 - 4.5. Care of Freezing Wounds
 - 4.5.1. Gradual Thawing of the Affected Area
 - 4.5.2. Protection against Re-Exposure to Cold
 - 4.5.3. Treatment of Possible Complications such as Gangrene
 - 4.6. Radiation Wound Care
 - 4.6.1. Protection of the Surrounding Skin
 - 4.6.2. Management of Symptoms such as Irritation and Burns
 - 4.6.3. Monitoring of Possible Long-Term Effects
 - 4.7. Care of Chemical Wounds
 - 4.7.1. Neutralization of the Chemical Agent
 - 4.7.2. Abundant Washing with Clean Water
 - 4.7.3. Protection of Medical Personnel to Avoid Contamination
 - 4.8. Wound Care in Patients with Chronic Diseases
 - 4.8.1. Management of Underlying Diseases that may Affect Healing
 - 4.8.2. Use of Specific Therapies According to the Patient's Condition
 - 4.8.3. Monitoring of Wound Evolution
 - 4.9. Pain Management in Traumatic Wounds
 - 4.9.1. Use of Analgesics According to Pain Intensity
 - 4.9.2. Distraction and Relaxation Techniques
 - 4.9.3. Multidisciplinary Treatment to Deal with Chronic Pain
 - 4.10. Advances in the Treatment of Traumatic Wounds
 - 4.10.1. Regenerative Therapies: Use of Growth Factors
 - 4.10.2. Use of Smart Dressings to Monitor Healing
 - 4.10.3. Tissue Engineering-Based Therapies to Promote Regeneration

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 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.

“

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.

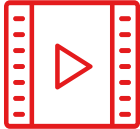
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

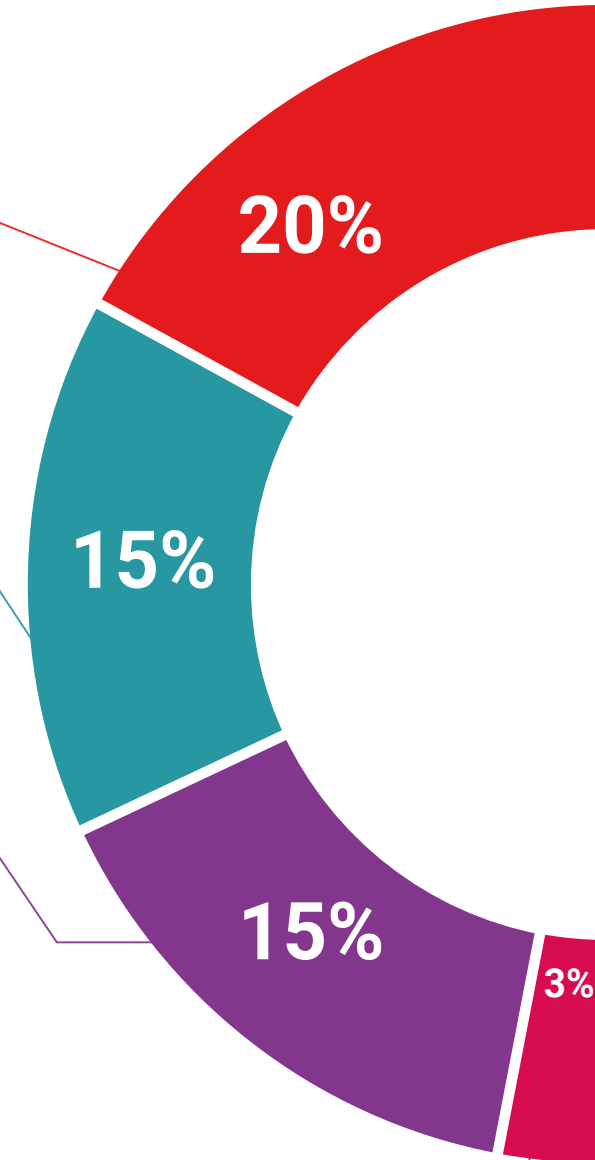
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

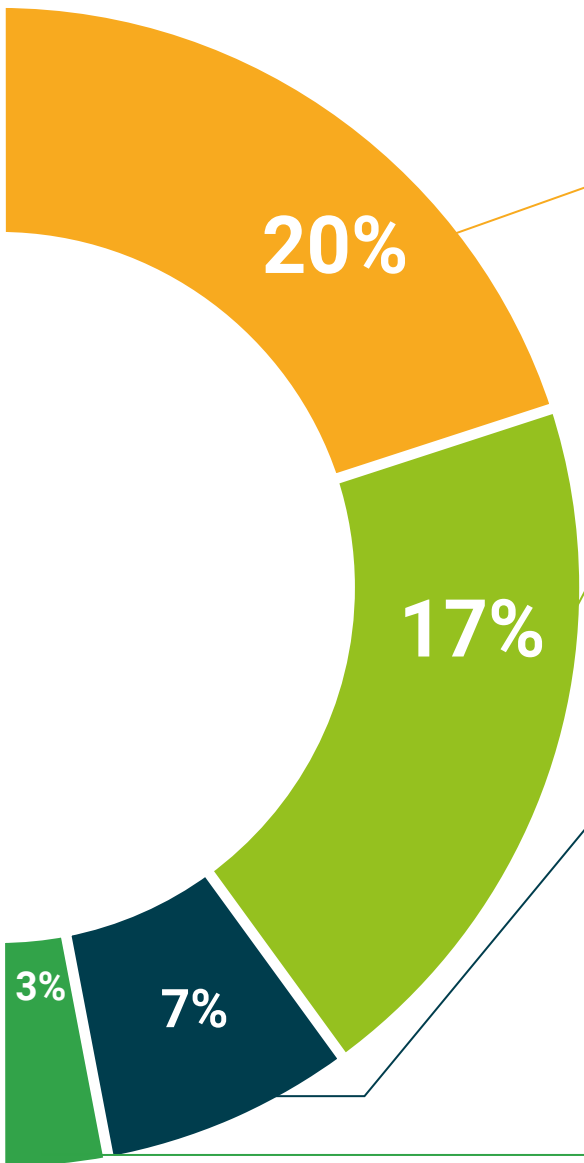
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Nursing Care of Traumatic Wounds guarantees students, in addition to the most rigorous and up-to-date education program, 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 private qualification will allow you to obtain a **Postgraduate Diploma in Nursing Care of Traumatic Wounds** 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.

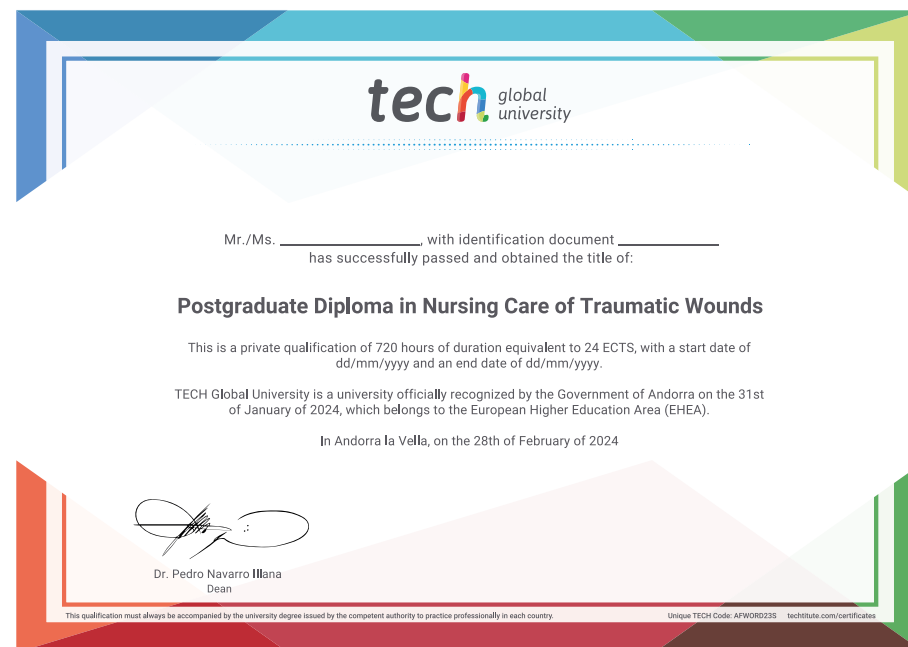
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Nursing Care of Traumatic Wounds**

Modality: **online**

Duration: **6 months**

Accreditation: **24 ECTS**



*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.

future
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education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service
knowledge present quality
online
development le
classroom

tech global
university

Postgraduate Diploma Nursing Care of Traumatic Wounds

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

Postgraduate Diploma

Nursing Care of Traumatic Wounds

