

# Postgraduate Certificate

Graft Management Negative Pressure  
Wound Therapy(-) for Nursing



## Postgraduate Certificate Graft Management Negative Pressure Wound Therapy(-) for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Timetable At your own pace
- » Exams: online
- » Website: [www.techtitute.com/us/nursing/postgraduate-certificate/graft-management-negative-pressure-wound-therapy-nursing](http://www.techtitute.com/us/nursing/postgraduate-certificate/graft-management-negative-pressure-wound-therapy-nursing)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 18*

05

Methodology

---

*p. 22*

06

Certificate

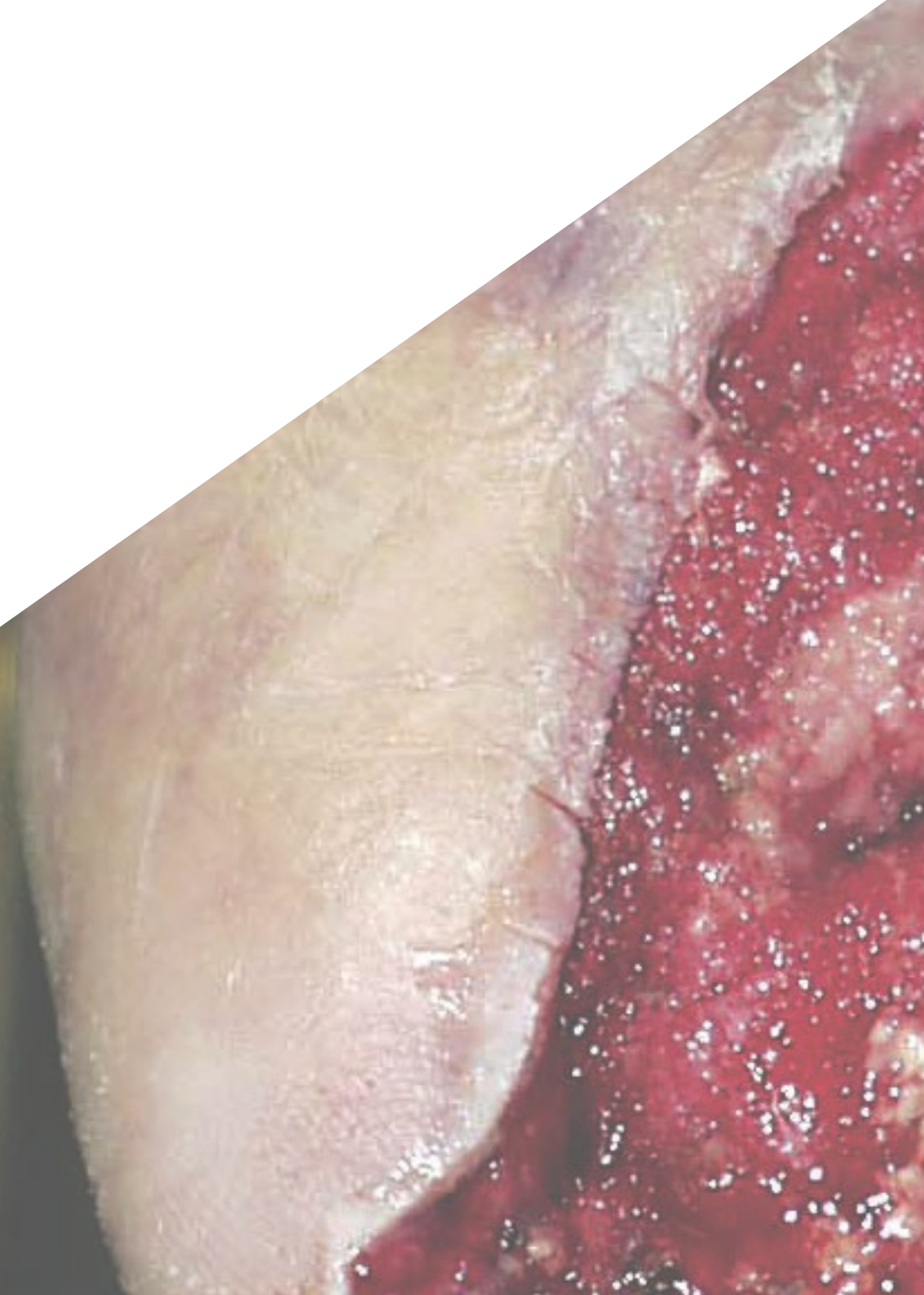
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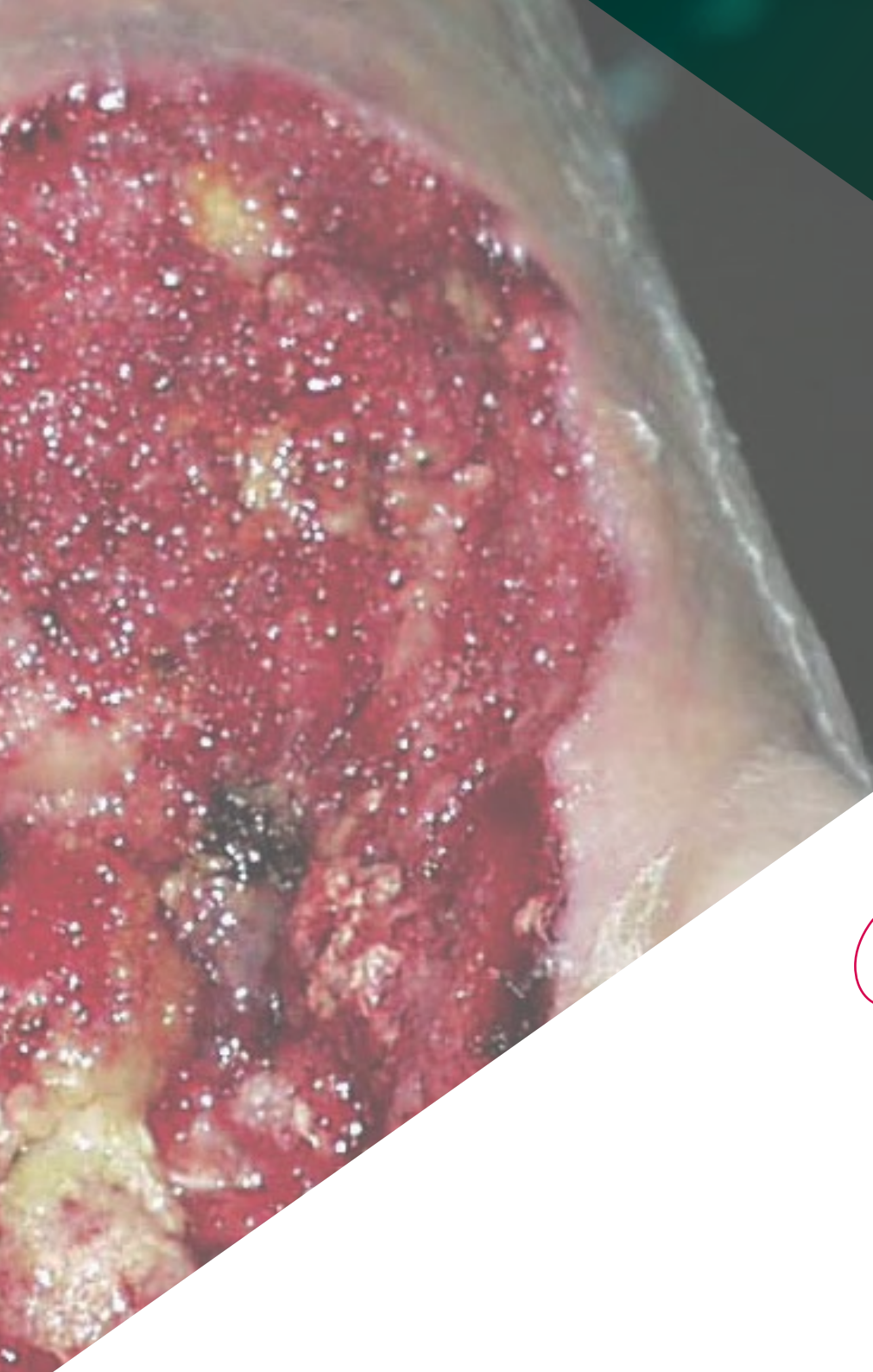
*p. 30*

# 01

# Introduction

Increasing local blood perfusion and angiogenesis through Negative Pressure Wound Therapy has become a leading technique for granulation tissue stimulation. In addition, it helps to prevent the entry of contaminants, which is why nursing has considered it as a leading method in wound and graft management. However, in recent years there have been many new developments in this field, improving clinical outcomes considerably. And for all those professionals who want to get up to date in its application, TECH has developed this 100% online program. Therefore, in just 6 weeks, graduates will be able to update in the application of this therapy, its indications and contraindications and much more through 150 hours of multidisciplinary material of the highest level.





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*Perfect your clinical practice in NPWT for the management of grafts through the most innovative techniques of local blood perfusion included in this Postgraduate Certificate”*

Nursing, like all clinical disciplines, is constantly updating concepts. Within it, the field of wound care routinely implements pharmacological and non-pharmacological novelties and strategies for a more effective cure and a more efficient positive evolution of the patient. Among them, Negative Pressure Wound Therapy (NPWT) has become a leading technique, especially for the great results it provides in the stimulation of granulation tissue and in preventing the entry of pathogenic contaminants into the lesion.

As a sign of TECH Global University's great commitment to this profession, the present Postgraduate Certificate in Graft Management has arisen. Negative Pressure Wound Therapy (-) for Nursing, an innovative and comprehensive degree whose objective is to collect the latest clinical developments in this field in 180 hours of 100% online study. It is a program designed by the best nursing professionals, specialized in the application of NPWT, who have worked exhaustively to create a Postgraduate Certificate of the highest level. Therefore, graduates will be able to update in their application, as well as in patient care during therapy, in the best strategies to manage complications and in the most effective advice for the implementation of this technique in geriatric and pediatric patients.

All this in less than 6 weeks of 100% online academic experience, in which nurses will be able to design their own study schedule, without predefined schedules or face-to-face classes, providing flexibility and the option of accessing the Campus from wherever, whenever and through any device with Internet connection. In addition, within the 180 hours of content, complementary multidisciplinary material is included: videos, images, diagrams, dynamic summaries, research articles, etc., which will allow them to delve into the most interesting concepts and expand each section in a completely personalized way. .

This **Postgraduate Certificate in Graft Management. Negative Pressure Wound Therapy (-) 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 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 the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Delve into the latest developments of the most efficient and effective materials in graft management and expand your knowledge of their clinical applications”*

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*Get up to date on the indications and contraindications of NPWT through 180 hours of the best theoretical, practical and additional content”*

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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.

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.

*A program that includes the latest developments in graft NPWT follow-up protocols in a dynamic way.*

*You will be able to perfect your skills in pain management during NPWT with the most innovative pharmacological and non-pharmacological strategies.*



# 02 Objectives

TECH and its team of experts in Nursing have worked intensively to shape this Postgraduate Certificate in order to bring professionals in this field the necessary information to get up to date in Negative Pressure Wound Therapy in graft management in less than 6 weeks and in a comfortable, flexible and effective way. Therefore, it becomes a unique opportunity to delve into the latest clinical developments of advances in NPWT with a teaching team versed in the area, with content of the highest level and through an academic experience that promises to raise the bar of online education for professionals to the top of the industry.





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*Update from wherever you want,  
without schedules or face-to-face  
classes through any device with  
Internet connection”*



## General Objectives

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- ◆ 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





## Specific Objectives

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- ◆ Identify key procedural steps in the application of negative pressure therapy in the postoperative management of skin grafts, including wound bed preparation and selection of appropriate devices
- ◆ Discuss the physiologic mechanisms by which negative pressure therapy promotes wound healing and reduces complications in the skin grafting process
- ◆ Analyze specific clinical cases in which negative pressure therapy has been shown to be beneficial in optimizing outcomes: reduction of graft loss and prevention of infections
- ◆ Evaluate current recommendations and best practices in the use of negative pressure therapy, optimal duration of treatment, frequency of dressing changes and monitoring patient response



*TECH provides you with the best complementary material so that you can delve into sections such as interdisciplinary collaboration or pain management in a totally personalized way”*

# 03

# Course Management

The teaching team of this Postgraduate Certificate in Graft Management. Negative Pressure Wound Therapy (-) for Nursing is formed by the best professionals. It is a group of specialists in the field of Nursing whose purpose is to contribute their own experience to the degree, including in the additional material cases of use extracted from their clinical practice. That way, graduates can update their knowledge with real information, drawn from the current clinical context and based on the latest developments in NPWT.



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*Professional to professional: TECH selects the best experts in the field so that you can update yourself from the hand of specialists”*

## Management



### 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 (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, European Wound Management Association (EWMA)



### **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 Expert 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 Expert in Nursing Processes and Interventions in the field of General Care
- ◆ University Expert in Disaster Management for Nursing
- ◆ University Expert in Advanced Life Support
- ◆ University Expert in Severe Trauma Care for Nursing
- ◆ 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. 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
- ◆ University Expert in Disaster Management for Nursing
- ◆ University Expert in Emergency Medical Care for Nursing
- ◆ University Expert in Severe Trauma Care for Nursing
- ◆ University Expert in Advanced Life Support for Nursing
- ◆ University Expert in Applied Infectious Diseases in Nursing
- ◆ Diploma in Nursing from the University of Granada.

### 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
- ◆ Master's Degree in Emergency and Catastrophe Nursing
- ◆ University Expert in Advanced Life Support for Nursing
- ◆ University Expert in Disaster Management for Nursing
- ◆ 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
- ♦ University Expert in Severe Trauma Care for Nursing
- ♦ 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
- ♦ Nurse in Primary Care
- ♦ 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
- ♦ University Expert in Severe Trauma Care for Nursing
- ♦ University Expert in Emergency Medical Care for Nursing
- ♦ University Expert in Disaster Management for Nursing
- ♦ University Expert in Applied Infectious Diseases in Nursing
- ♦ University Expert in Advanced Life Support for Nursing
- ♦ Graduate in Nursing from the University of Malaga

# 04

# Structure and Content

The syllabus of this program has been designed by the teaching team following TECH's guidelines of excellence and including all the necessary information to master the latest developments in NPWT in the management of grafts in less than 6 weeks. In addition, the Postgraduate Certificate includes complementary multidisciplinary material, adding dynamism to the academic experience. All this compacted in a convenient 100% online format that will allow the nursing professional to make the most of every minute and get the most out of a top level degree.

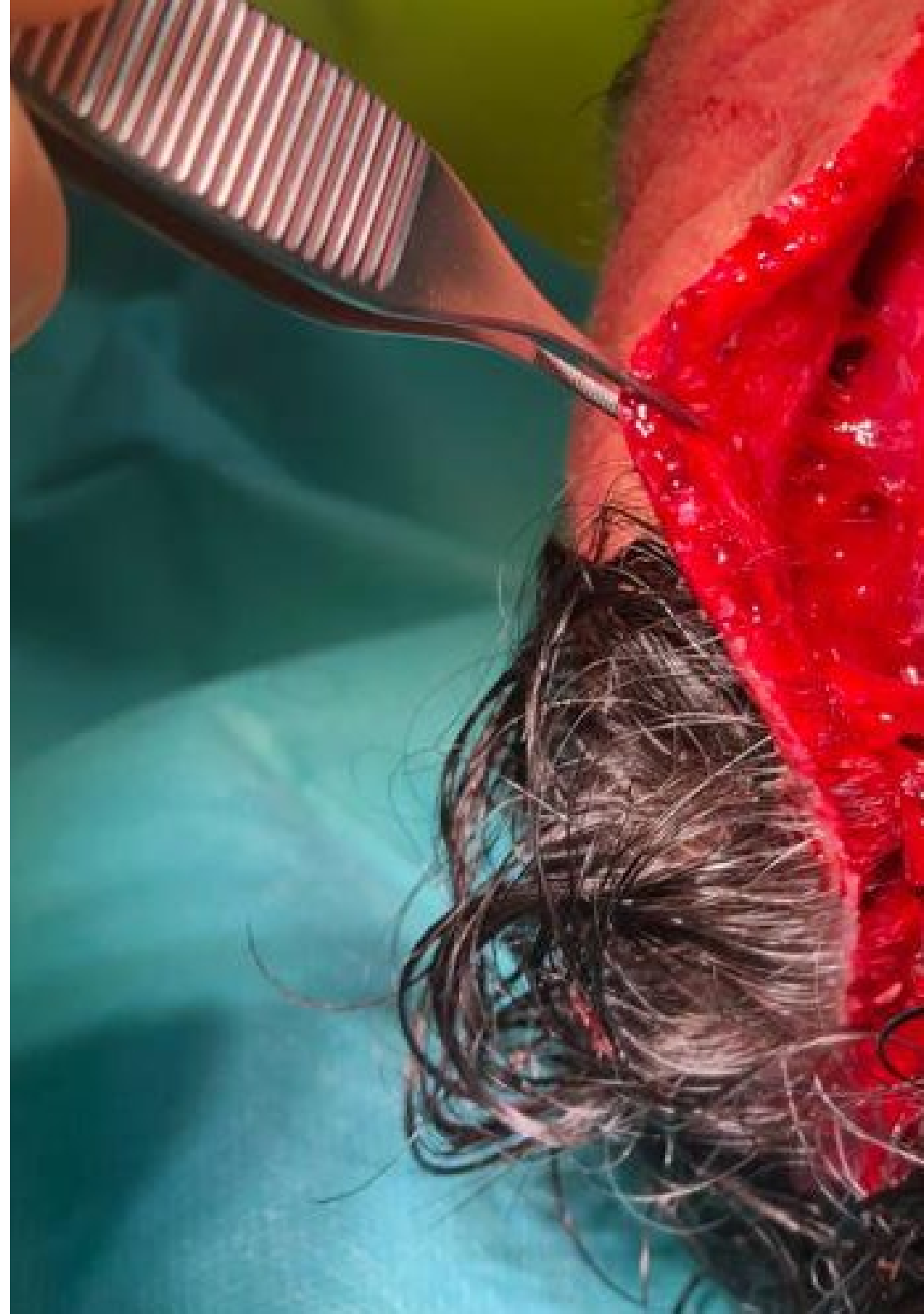


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*Hone your skills in maintaining comfort and mobility with the advice of experts versed in NPWT”*

## Module 1. Graft Management Negative Pressure (-) Wound Therapy for Nursing

- 1.1. Grafts for Nursing
  - 1.1.1. Graft Types and Uses
  - 1.1.2. Materials used in Grafts
  - 1.1.3. Clinical Applications
- 1.2. Graft Therapy Indications and Contraindications
  - 1.2.1. Medical Conditions Suitable for Therapy
  - 1.2.2. Inappropriate Negative Pressure Therapy Situations
  - 1.2.3. Ethical Considerations
- 1.3. Application of Negative Pressure Therapy in Grafts
  - 1.3.1. Preparation of the Graft Bed
  - 1.3.2. Negative Pressure Dressing Placement
  - 1.3.3. Follow-Up Protocols
- 1.4. Patient Care during Negative Pressure Therapy
  - 1.4.1. Daily Care Instructions
  - 1.4.2. Maintenance of Comfort and Mobility
  - 1.4.3. Prevention and Management of Complications
- 1.5. Pain Management during Negative Pressure Therapy
  - 1.5.1. Pain Assessment and Control
  - 1.5.2. Pharmacologic and Non-Pharmacologic Strategies
  - 1.5.3. Communication with the Patient about Expectations
- 1.6. Complications and Troubleshooting in Negative Pressure Therapy
  - 1.6.1. Early Identification of Complications
  - 1.6.2. Steps to Address Common Problems
  - 1.6.3. Interdisciplinary Collaboration
- 1.7. Nutrition and Negative Pressure Therapy
  - 1.7.1. Importance of Nutrition in the Healing Process
  - 1.7.2. Dietary Recommendations
  - 1.7.3. Role of the Nutrition Team
- 1.8. Negative Pressure Therapy in Geriatric and Pediatric Patients
  - 1.8.1. Considerations in Elderly Patients
  - 1.8.2. Adaptations for Pediatric Patients
  - 1.8.3. Involvement of Family Members and Caregivers



- 1.9. Patient Education on Negative Pressure Therapy
  - 1.9.1. Development of Educational Materials
  - 1.9.2. One-on-One Teaching Sessions
  - 1.9.3. Evaluation of Comprehension and Adherence
- 1.10. Advances in Drug Therapy
  - 1.10.1. New Technologies and Devices
  - 1.10.2. Research in Emerging Areas
  - 1.10.3. Future Impact on Clinical Practice

“*A program that will bring you up to speed on family and caregiver engagement and elevate your nursing practice to the highest level”*

# 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

Postgraduate Certificate in Graft Management. Negative Pressure Wound Therapy(-) for Nursing guarantees, in addition to the most rigorous and updated knowledge, access to a Postgraduate Certificate issued by TECH Global University



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

This private qualification will allow you to obtain a **Postgraduate Certificate in Graft Management. Negative Pressure Wound Therapy(-) for Nursing** endorsed by **TECH Global University**, the largest digital university in the world.

**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 Certificate in Graft Management. Negative Pressure Wound Therapy(-) for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 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.





**Postgraduate Certificate**  
Graft Management Negative  
Pressure Wound Therapy(-)  
for Nursing

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

# Postgraduate Certificate

Graft Management Negative Pressure (-)  
Wound Therapy for Nursing

