Postgraduate Diploma
Diagnostic, Therapeutic and Assistance Processes for Nursing

tech technological university

Postgraduate Diploma
Diagnostic, Therapeutic and Assistance Processes for Nursing

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/pk/nursing/postgraduate-diploma/postgraduate-diploma-diagnostic-therapeutic-assistance-processes-nursing**

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01
Introduction

The current global healthcare situation has brought about important transformations in the work of nurses. Thus, many processes and procedures have been updated to adapt to this situation, which requires very precise and agile care on the part of the professional. For that reason, this program is designed to provide you with the latest knowledge in diagnostic techniques, therapeutic treatments and nursing care. From a 100% online methodology, and with the best faculty, the nurse will be able to get up to date on relevant issues such as nosocomial infections or care of multipathological patients. In this way, it is ensured that the professionals obtain the progress needed to achieve their life goals.
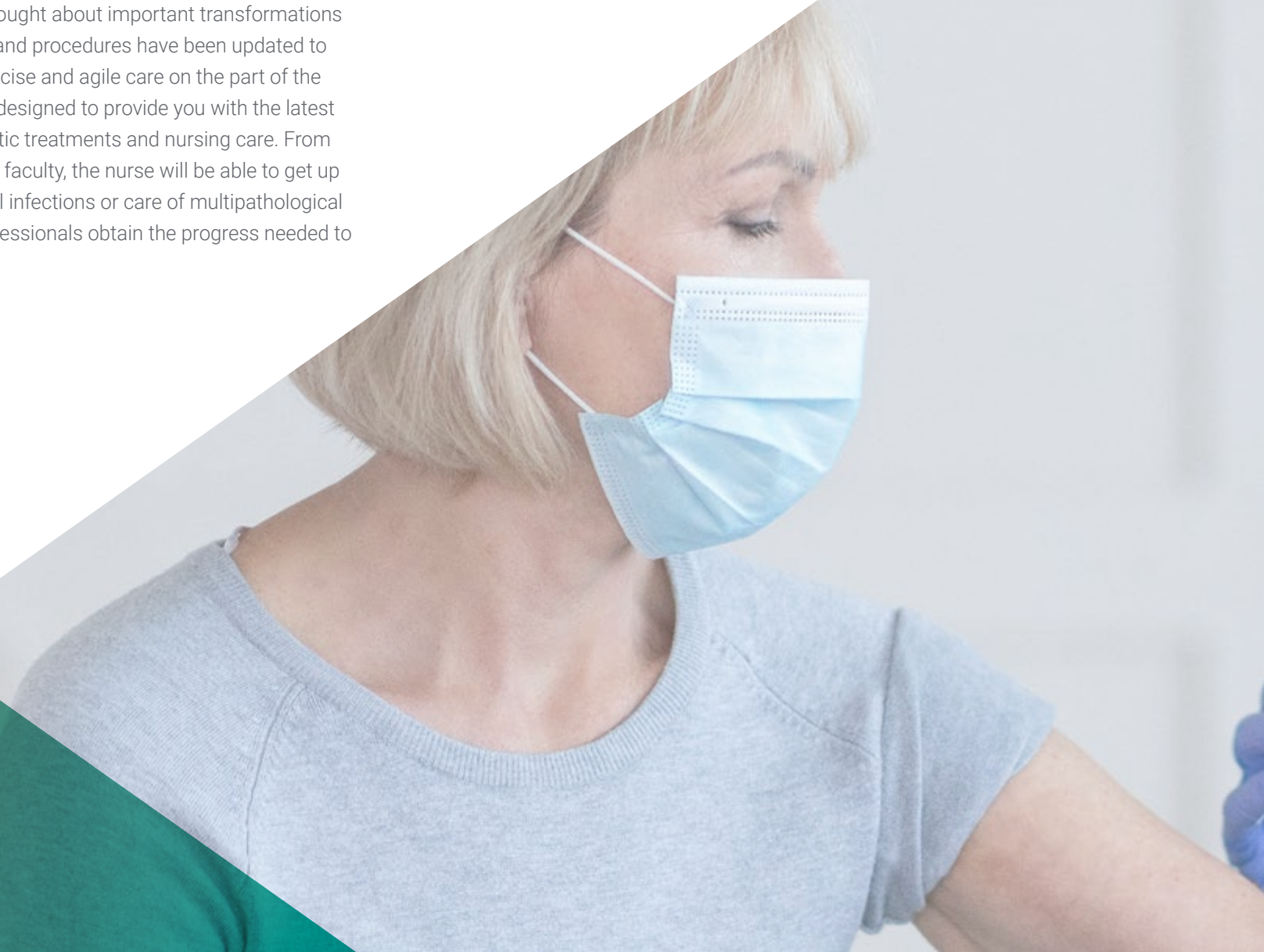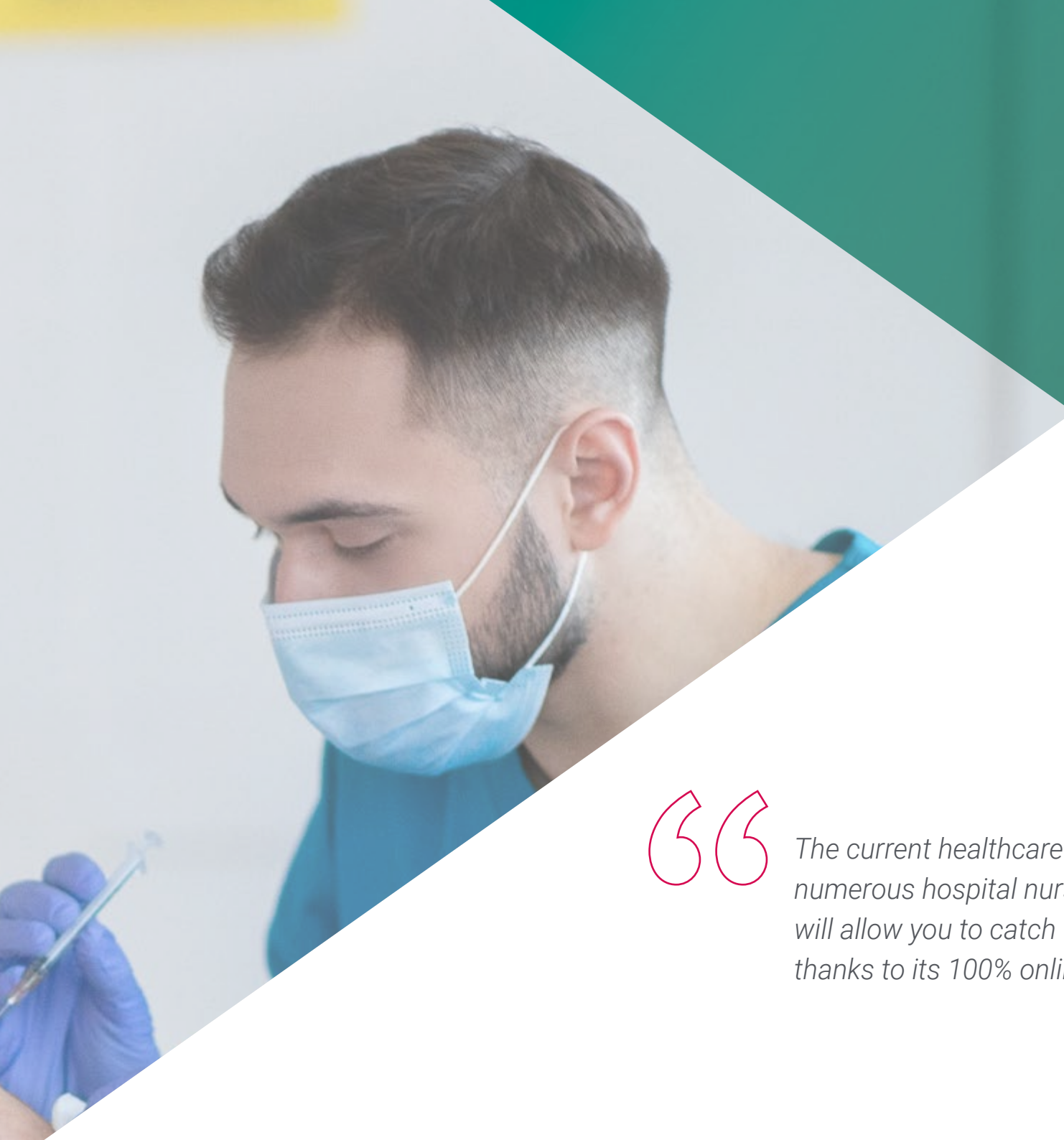
"The current healthcare situation has transformed numerous hospital nursing procedures and this program will allow you to catch up in an efficient and flexible way, thanks to its 100% online learning methodology"

In recent years, the essential role played by hospital nurses in the healthcare system has been demonstrated. Thus, this area has not only grown enormously, requiring more and more specialized professionals, but it has also been transforming itself to respond to the challenges that have arisen. Therefore, this situation has forced nurses to update their knowledge, techniques and the most advanced tools with which to work on a daily basis.

As a solution to this circumstance, TECH has designed this Postgraduate Diploma in Diagnostic, Therapeutic and Assistance Processes for Nursing, with which the professional will have the latest developments in issues such as surgical procedures and care, diagnostic processes in the hospital environment, work in units of multi-pathological patients, the rational use of medication and diagnostic tests or urgent care processes.

The nurses will have at their disposal numerous multimedia materials, such as analysis of real clinical cases, master classes, interactive summaries or video procedures. And they will be accompanied by a teaching staff made up of active professionals, who will transfer the best content through a flexible and effective online methodology.

This **Postgraduate Diploma in Diagnostic, Therapeutic and Assistance Processes for Nursing** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- The development of case studies presented by experts in Hospital Nursing
- The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential 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
- Access to content from any fixed or portable device with an Internet connection

This program has the most complete syllabus and the best teaching methodology on the market: everything has been prepared so that you only have to worry about studying"

> *Improve your professional perspective thanks to this Postgraduate Diploma, with which you will acquire the necessary knowledge to adapt to the current healthcare situation"*

Apply the most up-to-date care to multi-pathological patients thanks to this Postgraduate Diploma.

Learn about the latest developments in critical care processes from great working professionals.

The program's teaching staff includes professionals from the sector who contribute their work experience to this training 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 training programmed to train 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

The main objective of this Postgraduate Diploma in Diagnostic, Therapeutic and Assistance Processes for Nursing is to bring the professional closer to all the novelties and changes that the discipline has undergone in recent years. Thus, at the end of the qualification, you will have the most up-to-date and complete knowledge to continue performing your work with maximum efficiency, taking into account the new techniques and procedures that have arisen recently.

TECH brings you closer to your professional goals with this update program, with which you will be able to respond to all the current challenges of hospital nursing"

General Objectives

- Master the professional aptitude to integrate and apply knowledge, skills and attitudes, developing good practices during their professional practice
- Establish evidence indicators as indicators of compliance with good practices together with instruments for measuring and assessing them
- Master nursing care as a basis for decision-making in patient care
- Improve care for complex and chronic conditions by acquiring the necessary information on the interrelation and coordination with other health areas
- Progress towards self-directed or autonomous learning, as an instrument of development, innovation and professional responsibility

TECH knows the reality of the profession and therefore knows exactly what today's hospital nurse needs"

Specific Objectives

Module 1. Diagnostic and Therapeutic Processes in the Hospital Environment

- Promote the responsible and safe use of medication and/or supportive care and therapeutic support devices
- Develop improvements to the current or future workplace
- Maintain the confidentiality of patient information, privacy and intimacy during patient care
- Ensure confidentiality and professional secrecy in nursing care
- Delve into the safety and comfort measures necessary to prevent risks derived from health care
- Avoid adverse events related to therapeutic management
- Develop problem solving and decision-making skills in selected clinical processes
- Safely administer drugs and other therapies used in hospitalization units

Module 2. Nursing Care in Pluripathological Assistance Processes

- Acquire the necessary information on the interrelation and coordination with the health area

- More up-to-date diagnostic and therapeutic knowledge of the most prevalent chronic diseases in a context of complexity

- Understand the current social reality of aging and mental illness and be able to lead the care of these groups

- Act within an interdisciplinary team

- Promote citizen's decision making with respect to their healthcare process, offer timely information that allows them to participate and make informed choices, and encourage the fulfillment of their rights

- Propose changes that can be implemented in the current or future workplace

- Adapt to new situations in the changing and dynamic context of professional practice

- Justify the importance of chronic disease management in times of stability for the reduction of morbidity and mortality, emergency room visits and conventional admissions.

- Develop the vision of interdisciplinarity in the management of the elderly and define the necessary interventions for a nursing assessment as an indispensable element and contribute to ensure the dignity, privacy and confidentiality of the elderly person

- Master transversal skills such as communication, teamwork, decision making and leadership to face complex situations

- Delve into the theoretical concepts and knowledge of nursing care as a basis for decision making in the care of patients with oncohematological disorders

- Undertake comprehensive and systematic assessments using the appropriate tools and frameworks for the oncology patient, taking into account relevant physical, social, cultural, psychological, spiritual, and environmental factors

Module 3. Nursing Care in Medical and Surgical Care Processes

- Master nursing care as a basis for decision making in the care of patients with complex processes

- Recognize factors related to improving the effectiveness of care in a particular care setting and search for and adapt evidence for implementation in that setting

- Develop problem solving and decision making in the most frequent clinical processes in hospital care

- Professionalization of therapeutic and diagnostic support equipment, characterized by complex technology

- Recognize the best available evidence to contribute to the improvement of the quality of care

- Delve into the use and indications of medical devices related to care

- Delve into the most up-to-date diagnostic and therapeutic knowledge of the most prevalent diseases in a context of complexity

- Act within an interdisciplinary team

- Recognize the elements that are part of a nursing unit

- Devices that are commonly used in the hospital

- Develop citizen's decision making with respect to their healthcare process, offer timely information that allows them to participate and make informed choices, and promote the fulfillment of their rights

- Professionalize the patient's emotional, physical and personal care, comfort, nutrition and personal hygiene needs, and maintenance of activities of daily living

- Recognize proposals for change that can be applied in the current or future workplace

- Adopt the necessary tools to ensure the confidentiality of information respect the patient's intimacy and privacy during their care

- Master the safety and comfort measures necessary to prevent the risks involved in health care

- Establish the necessary activities to avoid possible adverse events related to therapeutic administration

- Integrate knowledge to ensure an adequate transfer of information between the different hospital care settings for professionals who interact with each other

- Prepare and inform the discharged patient on care that may be performed outside the hospital

Module 4. Nursing Care in Surgical, Emergency and Critical Care Processes
- Understand nursing in surgical, urgent and critical care

- Recognize the most frequent surgical, urgent and critical care processes

- Internalize the most up-to-date diagnostic and therapeutic knowledge of the most prevalent chronic diseases in a context of complexity

- Identify the roles of the nurse to act within an interdisciplinary team

- Know the triage methodology in order to prioritize, organize and manage care in a more efficient way

- Develop technical and professional health care for the needs of the person suffering from cancer with the levels of quality and safety established in the applicable legal and deontological norms

- Develop, evaluate and implement nursing care plans according to the needs of these groups and the expectations of the users

- Identify the areas in which the surgical process takes place, and its interrelation with other support services

- Value reciprocal information between patient/family and nursing professional throughout the surgical process

- List the main elements that are part of a nursing unit

- In-depth knowledge of the equipment and devices commonly used in the hospital

- Adopt the reception of the patient/family whether in the hospital ward, operating room or resuscitation

- Understand the different modes of invasive and non-invasive monitoring of the critically ill patient and update the assessment scales for the critically ill or urgent patient

- Detect deterioration in the clinical situation to initiate early warning procedure and vital care maneuvers

- Ensure adequate information transfer between the different hospital care settings for professionals who interact with each other

03
Course Management

With the aim of offering the best possible teaching, TECH has configured in this program a great teaching staff composed of active professionals with extensive experience in the area of hospital nursing. Thus, these professors are in direct contact with the latest developments in this field and will immediately transfer them to the nurse who carries out this program, guaranteeing, in this way, a totally effective transfer of knowledge.

Studying is much easier when it is done with professors who are experts in the field, and this program has the most experienced faculty in the area of hospital nursing"

Management

Ms. Santano Magariño, Almudena

- Nursing Director. Puerta de Hierro Hospital. Madrid
- Assistant Director of Nursing. Gregorio Marañon Hospital. Madrid
- Head of Nursing Department. Department of Emergencies and Critical Care. Gregorio Marañon Hospital. Madrid
- Head of Department. Department of Emergencies and Critical Care. Gregorio Marañón General University Hospital, Madrid
- Associate Professor in Nursing. Complutense University of Madrid. Madrid
- Degree in Nursing. Complutense University of Madrid
- Certificate in Nursing. Salus Infirmorum University, Pontificia University of Salamanca
- Degree in Social and Cultural Anthropology. San Antonio Catholic University Murcia
- Master's Degree in Health Humanization European University of Madrid
- Master's Degree in Health Management and Planning for Health Managers. European University of Madrid
- Master's Degree in Health Services Management and Administration. Center for Management Studies. Complutense University of Madrid
- Master's Degree in Health Care, Management and Care. Santiago de Compostela University La Coruña

Professors

Ms. Bodes Pardo, Rosa María
- Supervisor of the Hospitalization Functional Area, Puerta de Hierro Majadahonda University Hospital
- Clinical teaching collaborator at the Faculty of Medicine of the UAM and clinical practice tutor for nursing students
- Member of different hospital commissions and committees: Hemotherapy, Care, Perceived Quality and Dangerous Drugs

Ms. Peralta Castro, Patricia
- Assistance Nurse and Head of Quality and Patient Safety at the Dialysis Unit of the Puerta de Hierro University Hospital in Majadahonda
- Degree in Nursing

Mr. Ayala Gambín, José Antonio
- Nurse in the Psychiatry Service. Puerta de Hierro University Hospital (Madrid)

Ms. Álvarez Bartolomé, Blanca
- HUPH Psychiatry Acute Care Unit
- Certificate in Nursing at the Red Cross University School of Nursing
- Master's Degree in Pharmacotherapy for Nursing
- University expert in nursing processes and interventions for adult patients in common hospitalization situations
- Intravenous drug application course for nurses in emergencies

Mr. Sánchez Herrero, Héctor
- Research Nurse Health Care Research Unit. Puerta de Hierro University Hospital
- Coordinator of the Mentoring Group of the Spanish Society of Epidemiology
- Vice-president of the Spanish Group of Young Epidemiologists
- Degree in Nursing from the University of Salamanca
- Master's Degree in Public Health from the National School of Health, Carlos III Institute of Health

Ms. Esteve Ávila, María del Mar
- University Diploma in Nursing at Puerta de Hierro Majadahonda Hospital in the Psychiatry Unit
- Certificate in Nursing at the Alfonso X el Sabio Teaching Unit in Móstoles.
- Master's Degree in Research in Nursing Sciences
- MBA in Healthcare Management IMF Formación in conjunction with Camilo José Cela University
- Mental Health Nursing Specialty. José Germain de Leganés Psychiatric Institute

Ms. Sánchez Sevillano, Beatriz
- Supervisor in the Hematology Hospitalization Unit and Nuclear Medicine Unit, Puerta de Hierro University Hospital, Madrid
- Certificate in Nursing from the University of Salamanca
- Degree in Nursing from the University of Salamanca
- University nursing expert in hematopoietic progenitor transplantation by ADEIT University of Valencia

Mr. López, Óscar
- Nurse practitioner in specialized care with 20 years of experience
- Nurse Practitioner in Pediatric Nursing
- Expert in Emergency Medicine. Complutense University of Madrid
- Expert in Physical Activity and Sport. Juan Carlos I University

Ms. Rebollo Mosquera, Belén
- Emergency Room Supervisor in Puerta de Hierro Majadahonda University Hospital
- Certificate in Nursing
- Degree in Social and Cultural Anthropology
- Specialist Diplom in Nursing Services Management

Ms. Moreno del Castillo, Cristina
- Nurse of the Emergency Department of the Puerta de Hierro Majadahonda University Hospital
- Graduate in Nursing from the Puerta de Hierro University School of Nursing of the Autonomous University of Madrid
- Expert in Out-of-Hospital Emergencies by the Foundation for the Development of Nursing

The leading professionals in the field have come together to offer you the most comprehensive knowledge in this field, so that you can develop with total guarantees of success"

04
Structure and Content

To cover the advances in the areas of diagnostic, therapeutic and nursing care processes, this program has been designed in 4 specialized modules. Thus, throughout the qualification, the professional will delve into issues such as nosocomial infections, intravenous perfusions, the operation of the psychiatric hospitalization unit or the care of oncology patients. In doing so, the nurse will have been brought up to date on a large number of common hospital practice issues.

You will not find a more in-depth and complete syllabus that addresses issues such as care in respiratory processes or the environment and safety in the patient admitted to critical care units"

Module 1. Diagnostic and Therapeutic Processes in the Hospital Environment

1.1.   Care for the Comfort and Safety of the Hospitalized Patient
    1.1.1.   Hygiene Care
        1.1.1.1. Bedding, Cleanness and Personal Hygiene
        1.1.1.2. Promoting Comfort
1.2.   Epidemiology Nosocomial Infections
    1.2.1.   Asepsis and Infection Management
    1.2.2.   General Hospital Isolation Measures
1.3.   The Surgical Process
    1.3.1.   Surgical Procedures and Care
1.4.   Diagnostic Processes in the Hospital Environment
    1.4.1.   Clinical Documentation and Informatics Tools
        1.4.1.1. Procedures, Registration and Archiving of Documentation
1.5.   Hemodynamic Care
    1.5.1.   Vital Signs
    1.5.2.   Main Variables Affecting Monitoring
    1.5.3.   Electrocardiography
1.6.   Consciousness and Pain Care
    1.6.1.   Neurological Assessment Scales
    1.6.2.   Pain Treatment
1.7.   Diagnostic tests
    1.7.1.   Of Biological Fluids and Tissues
    1.7.2.   Circulatory
    1.7.3.   Radiological
    1.7.4.   Functional Tests
    1.7.5.   Endoscopic

Module 2. Nursing Care in Pluripathological Assistance Processes

Module 3. Nursing Care in Medical and Surgical Care Processes

3.6.   Metabolic and Endocrine Processes
    3.6.1.   Processes in the Hospitalization Area
    3.6.2.   Specific Diagnostic Tests
    3.6.3.   Surgical Specificities
    3.6.4.   Therapeutic Plans and Care
    3.6.5.   Supportive Devices Related to Endocrine-Metabolic Systems
3.7.   Rheumatologic Processes
    3.7.1.   Processes in the Hospitalization Area
    3.7.2.   Specific Diagnostic Tests
    3.7.3.   Surgical Specificities
    3.7.4.   Therapeutic Plans and Care
    3.7.5.   Related Supporting Devices
3.8.   Ophthalmologic and Dermatologic Processes
    3.8.1.   Processes in the Hospitalization Area
    3.8.2.   Specific Diagnostic Tests
    3.8.3.   Surgical Specificities
    3.8.4.   Therapeutic Plans and Care
    3.8.5.   Related Supporting Devices
3.9.   Otolaryngological Processes
    3.9.1.   Processes in the Hospitalization Area
    3.9.2.   Specific Diagnostic Tests
    3.9.3.   Surgical Specificities
    3.9.4.   Therapeutic Plans and Care
    3.9.5.   Related Supporting Devices
3.10.   Immunological Processes
    3.10.1.   Processes in the Hospitalization Area
    3.10.2.   Specific Diagnostic Tests
    3.10.3.   Therapeutic Plans and Care
    3.10.4.   Related Supporting Devices

Module 4. Nursing Care in Surgical, Emergency and Critical Care Processes

4.1.   Surgical Care Processes
    4.1.1.   The Surgical Block
        4.1.1.1. Surgical Activity
            4.1.1.1.1. Cleaning, Sterilization and Disinfection
            4.1.1.1.2. Instruments and Surgical Equipment
            4.1.1.1.3. Surgical Positions
        4.1.1.2. Standards and Recommendations
        4.1.1.3. Organization and Management of Surgical Departments
        4.1.1.4. Relationship with Other Units and Services
4.2.   Surgical Patient
    4.2.1.   Surgical Patient Reception and Welcome Process
        4.2.1.1. Risk Management: Patient Safety
    4.2.2.   Anesthesia and Analgesia
        4.2.2.1. Anesthetic Process
        4.2.2.2. Pharmacology in Anesthesia in Critical Situations
4.3.   The Nurse and the Surgical Process
    4.3.1.   Surgical Nursing Functions, Activities, Care and Techniques
    4.3.2.   Procedures and Techniques in Surgical Processes
        4.3.2.1. Basic Surgical Maneuver
    4.3.3.   Post-Surgical Resuscitation
    4.3.4.   Major Outpatient Surgery
        4.3.4.1. Minor Ambulatory Surgery Techniques
    4.3.5.   Most Frequent Complications in Surgical Patients

TECH's excellent teaching staff and innovative teaching methodology is combined with the most innovative syllabus on the market for the management of diagnostic, therapeutic and care processes in the hospital environment"

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

At the forefront of world teaching, the 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.

20%

15%

15%

3%

20%

17%

7%

3%

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.

Certificate

The Postgraduate Diploma in Diagnostic, Therapeutic and Assistance Processes for Nursing guarantees, in addition to the most rigorous and up-to-date training, access to a certificate issued by TECH Technological University.

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

This **Postgraduate Diploma in Diagnostic, Therapeutic and Assistance Processes for Nursing** contains the most complete and up-to-date scientific program on the market.

After passing the assessments, the student will receive their corresponding **Postgraduate Diploma**, issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Diploma in Diagnostic, Therapeutic and Assistance Processes for Nursing**

Official Nº of Hours: **600 h.**

*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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