

# Postgraduate Certificate Multiple Victim Incidents for Nurses





## Postgraduate Certificate Multiple Victim Incidents for Nurses

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

Website: [www.techtitute.com/pk/nursing/postgraduate-certificate/multiple-victim-incidents-nurses](http://www.techtitute.com/pk/nursing/postgraduate-certificate/multiple-victim-incidents-nurses)

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# 01

# Introduction

War conflicts, natural disasters or accidents with multiple victims make it necessary for nursing professionals to be trained in emergency care in these situations. This Postgraduate Certificate is aimed at updating the professional in the most important aspects of health care in MVIs, to be able to act with quality and safety towards the patient, in a practical way and adapted to their needs.

*Reaction time and continuous updating of nursing procedures are essential in emergency care after an MVI.*





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*Update your knowledge of how to deal with a multiple victim incident through this program, where you will find the best didactic material, clinical cases and real images. Learn how to manage health care in complex emergencies"*

Nursing professionals must know how to respond adequately to the evolution of scientific and technological knowledge within their scope of action in the different healthcare systems with appropriate specialization, both inside and outside the hospital environment, as well as in situations of multiple victim incidents or NRBC (Nuclear, Radiological, Biological or Chemical) terrorism.

Every year there are thousands of victims around the world due to terrorism, armed conflicts and seismic and climatological phenomena, which make it necessary to take a specific and in-depth approach to the management, organization and health care of catastrophes, as well as to have health care personnel with specialized training to be able to respond to these circumstances and to all the people affected in such situations.

The contents of this Postgraduate Certificate is aimed at training medical professionals who provide health care in fields that require a high level of qualification, through theoretical and practical subjects aimed at specific training for the practice of professional activity.

This **Postgraduate Certificate in Multiple Victim Incidents for Nurses** contains the most complete and up-to-date scientific program on the market. The most important features of the program include:

- Clinical cases presented by experts in emergencies. The graphic, schematic, and eminently practical contents with which they are created, provide scientific and healthcare information on those medical disciplines that are essential for professional practice
- Diagnostic and therapeutic procedures for the patient involved in a multi-victim accident and nursing procedures
- An algorithmbased interactive learning system for decision-making in the clinical different situations presented throughout the course
- All of this will be complemented by 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



*Update your knowledge through the Postgraduate Certificate in Multiple Victim Incidents for Nurses in a practical way and adapted to your needs"*

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*This may be the best investment you can make when choosing a refresher program for two reasons: in addition to updating your knowledge in Multiple Victim Incidents for Nurses, you will obtain a Postgraduate Certificate from TECH Technological University"*

Forming part of the teaching staff is a group of professionals in the field of emergencies, who bring to this training their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

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 program to train in real situations.

The design of the program is based on Problem-Based Learning, by means of which the nursing professional must try to solve the different professional practice situations that arise throughout the program. For this reason, you will be assisted by an innovative, interactive video system created by renowned experts in the field of medical emergencies with extensive teaching experience.

*This Postgraduate Certificate offers training in simulated environments, which provides an immersive learning experience designed to train for real-life situations.*

*It includes clinical cases to bring the program's degree as close as possible to the reality of care in Nursing.*



# 02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nursing professional can master in a practical and rigorous way the care procedures for multiple victim incidents.







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*This refresher program will generate a sense of security when practising nursing, which will help you grow both personally and professionally”*



## General Objective

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- ♦ Update the nursing professional's knowledge and skills required to manage multiple victim incidents and disasters



*Seize the opportunity and take the step to get up-to-date on the latest developments in Multiple Victim Incidents for Nurses”*





## Specific Objectives

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- ◆ Differentiate the most important aspects of the concepts of emergencies and disasters
- ◆ Identify the fundamentals of emergency health care.
- ◆ Apply clinical and non-clinical professional skills in emergency and disaster medicine
- ◆ Use medical records in the emergency department and understand the most relevant legal and ethical aspects of health care in emergencies.
- ◆ Prioritize, organize and manage patient care in the most efficient way through triage.
- ◆ Review and update knowledge on how emergency coordination centers work
- ◆ Organize material and human healthcare resources in multiple casualty incidents and disasters.
- ◆ Implement disaster action plans with certainty.
- ◆ Know the main consequences and initial handling of CBRN (Chemical Biological Radiological Nuclear) risk situations.
- ◆ Differentiate new forms of bioterrorism
- ◆ Establish the criteria and guidelines for appropriate and efficient communication between the various agents involved in the emergency and critical patient care systems
- ◆ Implement techniques for teamwork, motivation, leadership and dealing with uncertainty in situations.

# 03

# Course Management

The materials have been created by a team of renowned professionals, both in the area of hospital and out-of-hospital emergency care, who carry out their professional work in the main hospital centers and emergency care units in the country. Bringing to the program the experience they have gained throughout their careers.





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*Learn about the latest advances in emergency and catastrophe nursing from leading professionals"*

## Guest Directors



### Ruiz López, Daniel

- Nursing Supervisor in the Adult Emergency Department of the Hospital Universitario La Paz (Madrid)
- Postgraduate Certificate in Nursing (D.U.E.), University School of Nursing, Cordoba.
- Master's Degree in Nursing Management. Cardenal Herrera University
- University Expert in Nursing in the Hospital Emergency Department. Cardenal Herrera University
- University Expert in Management Skills for Nursing. Cardenal Herrera University
- University Expert in Quality Management for Nursing. Cardenal Herrera University
- University Expert in Management and Services Supervision for Nursing. Cardenal Herrera University
- University Expert in Direction and Management of Health Services for Nurses. Cardenal Herrera University
- Training Course for Trainers and Auditors in Triage Manchester. Spanish Triage Group
- Triage System Training Course. Spanish Triage Group



### Souto Novas, Ana Mª

- Emergency Supervisor at La Paz University Hospital
- University Diploma in Nursing from the Universidad Pontificia of Salamanca
- Master's Degree in Integration and Critical Problem Solving in Nursing from the University of Alcalá
- Degree in Social and Cultural Anthropology from the Autonomous University of Madrid
- Advanced Training in Dialysis Techniques for Nurses
- University Expert in Accidents and Emergencies from the Complutense University of Madrid.
- Training Course on Out-of-Hospital Emergencies from the Complutense University of Madrid
- University Expert in Management and Services Leadership for Nursing
- Priority Triage in the Emergency Department. Manchester System
- Training in Emergency Planning and Self-Protection

## Codirector



### **Roig D'Cunha-Kamath, Francisco Vicente**

- Degree in Medicine from the University of Valencia
- Specialist via MIR in Family and Community Medicine
- Assistant Physician of the Emergency Medicine Department at the Clinical University Hospital of Valencia
- Professor of Human Anatomy at the European University of Valencia.
- Physician at the Valencia Health and Community Foundation.
- Doctor for the ASCIRES group

## Professors

### Gómez Lage, Laura

- ♦ Adult Emergency Supervisor at La Paz University Hospital
- ♦ Degree in Nursing from the Complutense University of Madrid
- ♦ University Expert in the Nursing Processes and Interventions of Pediatric Patients in Life Threatening Situations
- ♦ University Expert in the Emotional Development and Upbringing of a Child
- ♦ Pharmacology Residency in Emergency Medicine
- ♦ Nursing Basics in Emergencies

### Chamizo Alberto, Leticia

- ♦ Nurse in the Emergency Services of H.U La Paz
- ♦ Diploma in Nursing from the Red Cross School, Autonomous University of Madrid
- ♦ Expert in Out-of-Hospital Emergency Care at the School of Health Sciences, Complutense University, Madrid
- ♦ Qualifying certificate for Manchester Triage at HU La Paz
- ♦ Basic Life Support and Advanced Life Support Course
- ♦ Course on Initial care of the polytraumatized patient; Nursing action before the main traumatism of a polytraumatized patient and Monitoring of the critical patient.

### Vega Vega, Luis

- ♦ Nurse in the Emergency Services of HU La Paz
- ♦ Degree in Nursing from the Red Cross School
- ♦ Expert in out-of-hospital care and Master of Nursing in Emergency and Critical Care at the European University of Madrid
- ♦ University Expert in Comprehensive Management of Adults in Infectious Diseases Care Processes
- ♦ Instructor of Basic Life Support and First Aid
- ♦ Manchester Triage Enabling Course
- ♦ Active member of the Red Cross ERIE Health Care





**Forés Rivas, Ana**

- ◆ Member of the Intensive Care Unit of the Dr. Peset University Hospital
- ◆ University Diploma in Nursing
- ◆ Diploma in Corporate Nursing.
- ◆ Master's Degree in the Prevention and Treatment of Addictive Behaviors
- ◆ Technical Laboratory Specialist
- ◆ Certificate of Pedagogical Aptitude (CAP)
- ◆ Health and Community Foundation. 7/2006-512012 and 6/2017 until present

**Dr. Brasó Aznar, José Vicente**

- ◆ Hospital Emergency Physician
- ◆ Associate Professor of Emergency Medicine at the Faculty of Medicine of the University of Valencia.
- ◆ Head of Department Emergency Medicine. Ribera University Hospital

04

# Structure and Content

The structure of the contents has been designed by a team of professionals who recognise the implications of training in daily medical praxis for emergency care, aware of the relevance of current training to assist victims with non-delayable pathologies and who are committed to quality teaching using new educational technologies.





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*This Postgraduate Certificate in Multiple Victim Incidents for Nurses contains the most complete and updated scientific program on the market”*

## Module 1. General aspects

- 1.1. Definitions and Concepts.
- 1.2. Comprehensive Study of Health Emergencies.
- 1.3. Functions of Emergency and Disaster Nursing
- 1.4. Health Legislation
- 1.5. Bioethics in Accidents, Emergencies and Disasters.

## Module 2. Multiple Casualty Incidents (MCI and Disasters).

- 2.1. General concepts
- 2.2. MCI Management and Disasters:
  - 2.2.1. Organisation
  - 2.2.2. Communication.
  - 2.2.3. Deployment and Logistics..
  - 2.2.4. Sectorization.
  - 2.2.5. Rescue
  - 2.2.6. Triage.
  - 2.2.7. Healthcare Treatment.
  - 2.2.8. Evacuation.
- 2.3. MCI Management in a Hospital.
- 2.4. Emergency Planning.
- 2.5. CBRN Incidents.
  - 2.5.1. CBRN Risks.
  - 2.5.2. Handling of CBRN Incidents.





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*A unique, key, and decisive training experience to boost your professional development”*

05

# Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: *Re-learning*.

This teaching system is used 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 Re-learning, 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 clinical situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant 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 university program.



## Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our University is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success, in all specialties regardless of from the workload. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current nursing procedures and techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Re-testing**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our future difficult decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



# 06 Certificate

The Postgraduate Certificate in Multiple Victim Incidents for Nurses guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this training and receive your diploma without the hassle of travel or paperwork”*

This **Postgraduate Certificate in Multiple Victim Incidents for Nurses** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University**.

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

Title: **Postgraduate Certificate in Multiple Victim Incidents for Nurses**

No. Teaching Hours: **200**



\*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.



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



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