

# EUROPASS CERTIFICATE SUPPLEMENT

## TITLE OF THE DIPLOMA (ES)

*Técnico en Emergencias Sanitarias*

## TRANSLATED TITLE OF THE DIPLOMA (EN)<sup>(1)</sup>

*Technician in Emergency Health Care*

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(1) This translation has no legal status.

## DIPLOMA DESCRIPTION

**The holder of this diploma will have acquired the General Competence with regard to:**

Transferring the patient to a health care centre, providing basic medical and psychological assistance in the pre-hospital setting, carrying out activities of medical teleoperation and telecare, and collaborating in the organization and development of emergency plans, predictable risks mechanisms and health care logistics in case of an individual or collective emergency or catastrophe.

**Within this framework, the PROFESSIONAL MODULES and their respective LEARNING OUTCOMES acquired by the holder are listed below:**

### “Preventive Mechanical Maintenance of the Vehicle”

The holder:

- Performs basic maintenance operations of the engine and their auxiliary systems analysing the principles that monitor the way they work and justifying the required activities of maintenance.
- Performs basic maintenance operations of the power transmission system and running gear analysing their mission, characteristics and how they work.
- Carries out small basic maintenance operations of the electricity system diagnosing their main components.
- Verifies the operating state of the vehicle and its equipment, relating simple breakdowns with the repair technique.

### “Emergency Health Care Logistics”

The holder:

- Proposes organization displays in emergency situations, identifying health care areas and displayed structures.
- Estimates first aid materials necessary for assistance, relating the application of material with the type of emergency or catastrophe.
- Manages the non-medical resources supply analysing protocols of intervention in a situation of collective emergency or catastrophe.
- Guarantees communication analysing how elements work in an autonomous communication network.
- Coordinates the evacuation of victims among different health care areas, identifying the objectives and function of the evacuation action plan.

### “Health Care Equipment”

The holder:

- Carries out basic maintenance of health care equipment interpreting and applying the manufacturer's recommendations.
- Controls the stock and materials of the health care vehicle identifying their storage characteristics and needs.
- Sterilizes material, relating procedures with use safety.
- Complements clinical and non clinical documentation within his/her scope, relating their usefulness and analysing the basic information that must include.

### “Primary Health Care in Emergency Situations”

The holder:

- Recognises life-threatening signs relating them with the patient's state.
- Applies basic life support techniques describing and relating them with the aim to be achieved.
- Applies victim classification criteria relating existent resources with the seriousness of the incident and survival probability.
- Classifies therapeutic actions when assisting many victims, relating them with the main injuries according to the type of incident.

### **“Special Health Care in Emergency Situations”**

The holder:

- Performs operations to assist medical staff in the provision of advanced life support, relating them with emergency pathologies.
- Performs operations of preparation and delivery of emergency drugs, interpreting pharmaceutical specifications.
- Carries out the procedures to assist patients with injuries due to traumatism and other physical agents, analysing protocols of performance.
- Applies the procedures to assist patients with injuries due to chemical and biological agents, analysing protocols of performance.
- Applies the procedures to assist patients with an emergency organic pathology, analysing protocols of performance.
- Intervenes in situations of imminent delivery analysing the symptoms of the pregnant woman and describing performance procedures.

### **“Evacuation and Transfer of Patients”**

The holder:

- Prepares operation rooms, analysing the characteristics of typical performance settings.
- Applies procedures of patient's immobilization and mobilization selecting the necessary material means and techniques.
- Applies simulated driving techniques relating the risk of aggravation of the patients' injuries with driving strategies.
- Transfers patients recognising the relevant data of their initial state, observed incidences and care provided on the way.

### **“Psychological Support in Emergency Situations”**

The holder:

- Recognises behavioural disorders, analysing the basic principles of general psychology.
- Applies first psychological aid to patients involved in an emergency or catastrophe, identifying and relating the most appropriate technique to each situation of crisis.
- Applies techniques of psychological support for intervention teams, relating them with their psychological reactions.
- Applies communication techniques throughout the process, using different types of language and listening skills in different settings.

### **“Emergency Plans of Action and Predictable Risks Mechanisms”**

The holder:

- Provides data for the drawing up of emergency plans of action describing their objectives, components and functions.
- Prepares risk maps, characterising possible natural, human and technological risks.
- Activates a possible emergency plan, describing its characteristics and requirements.
- Draws up a predictable risks mechanism describing the followed protocol.
- Puts into practice a predictable risks mechanism, describing its protocols of activation and deactivation.

### **“Teleemergencies”**

The holder:

- Uses office management systems of emergency coordination centres, identifying the functions and elements of the call system.
- Establishes communication in embedded transmission systems, describing the elements of process of interpersonal communication.
- Deals with emergency requests, describing the process of reception and identifying the significant data of the request.
- Assesses the request for medical assistance describing protocols of performance.

### **“Anatomophysiology and Basic Pathologies”**

The holder:

- Recognises the general structure and organisation of the human body, describing its structural units and relations according to specialization.
- Localises anatomical structures, differentiating conventional systems of body topography.
- Identifies the general aspects of pathologies, describing the elements of the dynamic process of becoming ill and its relationship with clinics.
- Recognises the systems related to movement, perception and relation, describing the structure, function and diseases of the nervous system, the senses and the locomotion system.
- Recognises the systems related to oxygenation and distribution, describing the structure, function and diseases of the cardiocirculatory system, the respiratory system and blood.
- Recognises the systems related to absorption, metabolism and elimination of nutrients, describing the structure, function and diseases of the digestive and renal systems.
- Recognises the systems intervening in the internal regulation of the body and its relation with the environment, describing the structure, function and diseases of the endocrine, genital and immunological systems.

### **“Professional Training and Guidance”**

The holder:

- Selects job opportunities, identifying the different possibilities of labour integration, and the alternatives of lifelong learning.
- Applies teamwork strategies, assessing their effectiveness and efficiency on the achievement of the company's goals.
- Exercises rights and complies with the duties derived from labour relationships, recognising them in the different job contracts.
- Determines the protective action of the Spanish Health Service in view of the different covered eventualities, identifying the different types of assistance.
- Assesses risks derived from his/her activity, analysing job conditions and risk factors present in his/her labour setting.
- Participates in the development of a risk prevention plan in a small enterprise, identifying the responsibilities of all agents involved.
- Applies protection and prevention measures, analysing risk situations in the labour setting of the Technician in Emergency Health care.

### **“Business and Entrepreneurial Initiative”**

The holder:

- Recognises skills related to entrepreneurial initiative, analysing the requirements derived from job positions and business activities.
- Defines the opportunity of creating a small enterprise, assessing the impact on the performance setting and incorporating ethic values.
- Carries out the activities for the setting-up and implementation of a company, choosing the legal structure and identifying the associated legal obligations.
- Carries out basic administrative and financial management activities of an SME, identifying the main accounting and tax obligations and filling in documentation.

### **“On the Job Training”**

The holder:

- Identifies the company's structure and organization relating it to service provision.
- Applies labour and ethic habits in his/her professional activity according to the characteristics of the job position and the procedures established by the company.
- Performs operations of preventive maintenance of the vehicle and its health care equipment, recognising the mechanical, electrical and safety elements, and describing the checking stages in accordance with the established protocol.
- Verifies equipment and material according to the level of assistance provided by the vehicle, applying the normalised work protocols and current legislation.
- Provides patients with primary health care, applying techniques of life support and the established protocols of performance depending on the type of emergency.
- Transfer patients, applying appropriate procedures according to the pathology.
- Supports patients, relatives and injured people psychologically in situations of crisis and health emergencies, applying protocols of performance.
- Applies logistic plans ensuring the transport, distribution and supply of resources and health care in settings with numerous victims and catastrophes.
- Provides data in order to draw up, apply and assess emergency plans of action, risk maps and predictable risk mechanisms, interpreting maps, plans and data about the geographical characteristics and civil works elements.

## **RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA**

The Technician in Emergency Health Care works in the public or private healthcare systems, in relation to the transfer of patients or victims and the provision of primary medical and psychological assistance, collaborating in the preparation and development of healthcare logistics in case of collective emergencies or catastrophes, as well as participating in the preparation of emergency plans of action and predictable risk mechanisms in the area of civil defence.

The most relevant occupations or jobs are the following:

- Medical transport technician
- Emergency health care technician
- Remote assistance operator
- Operator of emergency coordination centres

## AWARD, ACCREDITATION AND LEVEL OF THE DIPLOMA

**Name of the body awarding the diploma on behalf of the King of Spain:** Spanish Ministry of Education or the different Autonomous Communities according to their areas of competence. The title has academic and professional validity throughout Spain.

**Official duration of the education/ training leading to the diploma:** 2000 hours.

**Level of the diploma (national or international)**

- NATIONAL: Post-Compulsory Secondary Education
- INTERNATIONAL:
  - Level 3 of the International Standard Classification of Education (ISCED3).
  - Level \_\_\_\_\_ of the European Qualifications Framework (EQF\_\_).

**Entry requirements:** Holding the Certificate in Compulsory Secondary Education or holding the corresponding access test.

**Access to next level of education/training:** This diploma may provide access to Higher Technical Cycles provided that an entrance exam is passed.

**Legal basis.** Basic regulation according to which the diploma is established:

- Minimum teaching requirements established by the State: Royal Decree 1397/2007, of 29 October, according to which the diploma of Technician in Emergency Health Care and its corresponding minimum teaching requirements are established.

**Explanatory note:** This document is designed to provide additional information about the specified diploma and does not have any legal status in itself. An Annex I may be added and will be filled in by the corresponding Autonomous Community.

## INFORMATION ON THE EDUCATION SYSTEM

