

Project Title: Receive EmergencyDaily needed HEALTHcare through innovations in the cross border area

Acronym: E/HEALTH

Lead beneficiary: **Center for Emergency Care Kardjali**

Project Beneficiary2: **General Hospital of Kavala**

Project Beneficiary3: **Medical Association of Kavala**

Duration: 22/9/2017 – 20/5/2021

Budget: 1.585.142,78€

LB: 725.592,96€

PB2: 761.189,32€

PB3: 98.360,50€

#### Main Objectives and Core Targets

**The main objective of the project E/HEALTH is the improvement of the health services and the access to them by inhabitants and visitors.**

The specific objectives of E/HEALTH Project are:

- enhancement of the competence of the Center for Emergency Care of Kardzhali and the Primary Health Care at the General Hospital of Kavala in terms of equipment;
- capacity building for medical staff (doctors and paramedics);
- networking of medical care providers in the CB region;
- improvement of Civil Protection Stakeholders' cooperation in emergency situations;
- improvement of the access to health services for inhabitants at distant areas;
- system for providing primary care services to Refugees and informal migrants – advancing of the telemedicine;
- improvement of knowing of inhabitants to protect themselves and manage early diagnosis.

The project objectives comply with the priorities set by the Ministries of Health of the two countries and are encouraged by them, with the strategic choices made by the two

countries, as such is set in their final NSRF 2014-2020 and the priorities of RIS3 as stated in the respective documents of the administrations of the Regions of intervention.

#### The list of Deliverables (other than WP1 & WP2)

##### *WP3: Equipment:*

- Mobile unit for advanced diagnostic and therapy (LB)
- Mobile diagnostic unit (LB)
- Equipment for COVID-19 diagnosis (LB)
- Multiplex PCR microarray device (PB2) – COVID-19 testing device
- Telemedicine system (Tele-psychiatry) (PB2)
- Integrated system of two-dimensional (2d) – the-dimensional (3d) radiographic imaging and surgical navigation (neuronavigation system) (PB2)
- Portable hemodialysis device (PB2)
- Dental chair (2) (PB2)
- Purchase and Installation of Isolation Box (Negative Pressure Chamber) and Monitors for monitoring vital functions of admitted patients (PB2) – COVID-19
- Large Screen monitor for the entrance of the Hospital to promote messages and specific instructions to people entering the hospital (PB2)
- Defibrillator (1) (PB3)

##### *WP4: Capacity Building, Networking and Studies:*

- Special Training Seminars for doctors and paramedics (PB2)
- Networking and exchange of visits (LB, PB2, PB3)
- Study: Satisfaction of the users of medical services – analysis by use of modern methodological tools (LB)
- Study: Improvement of the Role of the Health System in emergencies, including situation with refugees and informal migrants' flows (PB2)
- Occupational health standards for the employees working at the health sector (LB)
- Campaigns for Healthy living and diseases prevention (LB and PB3)

##### *WP5: Preparedness actions for emergencies:*

- Special Seminars for managing emergency situations (LB, PB2)

- Special Seminars for managing emergency situations and preparedness exercise for emergencies (PB2, PB3)

#### The tangible & visible outputs

Purchased equipment, Studies and Campaigns for healthy living. Completed.

Additional campaigns in Greece (PB3) to be performed in Oct-Dec'20

Emergencies and preparedness: Completed in Kardjali. To be completed in Greece in Oct-Nov'20.

New equipment (Isolation Box) in Greece to be completed.

[PHOTOS] εξοπλισμού και επισκέψεων

#### The measurable results and effects resulting from the project

The medical units upgraded their equipment with sophisticated devices.

As example: the neuronavigation system in Kavala is the most advanced such device available in the country.

The project is a COVID-19 project with PCR tests performed through equipment purchased with finance of the programme, while more COVID-19 measures are provisioned in Kardjali and Kavala (Isolation box, )

#### The indicators achieved

- Number of health care institutions reorganized, modernized or reequipped:  
**1 - achieved**
- Number of health ICT systems developed  
**1 - achieved**
- Population covered by improved health services  
**63245 - achieved**

#### The sustainability and transferability of outputs

The outputs and results are sustainable as:

- (a) The equipment is in operation in both countries;

- (b) The campaigns promoted healthy living in distant areas and the people received precious advises and recommendations to follow in their life;
- (c) Emergencies preparedness in both countries enhances the readiness for action in case of catastrophes or other disasters.
- (d) Networking enforces the bonds of both sides and the capacity building improves further the quality of the provided services.
- (e) The material produced for the healthy living campaigns is freely available in printed and electronic format
- (f) The approach (preparation procedure for the selection of actions and prioritization of the equipment that would be purchased) and the procedures are easily transferable to other medical units.

#### The obstacles & problems faced during the implementation process

The main obstacles were related to delays in the procurements.

Another obstacle was the pandemic COVID-19, which prevented the completion of the emergencies table exercise in Kavala (revision of the scenario) and the progress with the additional campaigns for healthy living.

#### Recommendations towards the planning of the 2021-2027 Programming Period

Health should remain priority in the next programming period.

The work packages for medical equipment should be in compliance with the priorities of the Health Authorities (Health Inspectorates, Ministry of Health, etc.). Therefore it is advisable for each health proposals to have a permit from the respective authority, for the suggested equipment.