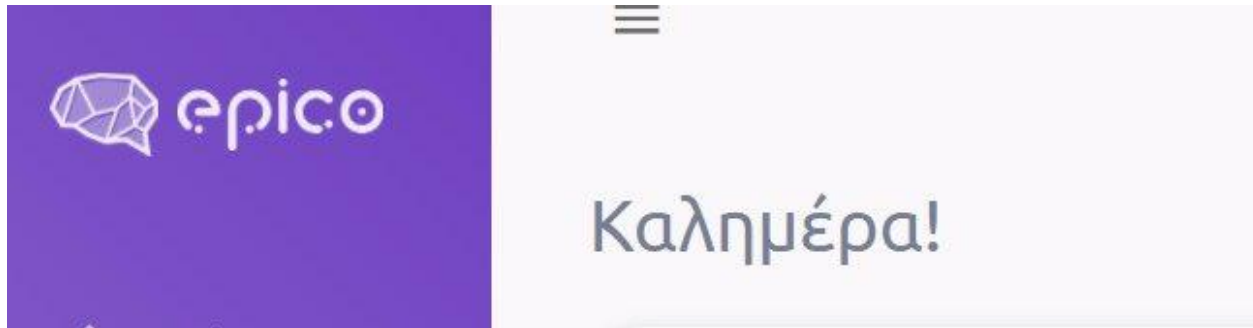


EPICO (EPilepsy COmmunication chAnnel) is an all in one platform to establish a direct communication channel between patients and their doctors



EPICO (EPilepsy COmmunication chAnnel) is an all in one platform to establish a direct communication channel between patients and their doctors, aiming at improving the quality of life of epileptic patients and better managing their disease and lets doctors have wider know-how about their patients and the epilepsy disorder. The final goal is to reduce the number of epileptic crisis in patients and reduce the number of emergency consultations related to epilepsy. The EPICO platform is composed of three main components:

- EPICO App allows patients to log their seizures and to keep records of the seizure length, type, potential triggers, a description of associated symptoms and it also integrates with sleep tracker bands.
- As a new event is recorded by EPICO App, a notification is sent to EPICO Doc, so that doctors are aware of the progress of the disease of their patients and can prescribe them better treatment.
- The third component of the platform is EPICO Cloud that stores the data and communicates with the external world.

A successful trial was run recently with over 100 patients with epilepsy from the Hospital Santa Lucia de Cartagena in Spain.

EPICO has improved the communication between doctors and epileptic patients

Project Partners

- AICRUM IT is a Spanish ICT-based SME located in Murcia. The portfolio includes software development of turn-key products and innovative projects in markets such as Emergency, eHealth, Education and Agrofood. The company has a strong experience in International Cooperation with LatAm and Mediterranean Partner Countries
- Syndesis LTD (www.syndesis.eu) is a Spinoff company of the National Centre of Scientific Research “DEMOKRITOS” (www.demokritos.gr) and provides intelligent health, assistive living and wellness e-services. Syndesis exploits advanced low-cost technologies for collecting and analyzing data and vital signs, uses artificial intelligence and knowledge management techniques to develop decision support intelligent systems, design smart assistive living environments and uses WEB technologies to collect and distribute information. Syndesis is active in the B2C and in B2B market by providing customised services by consulting and technically supporting other companies such as private hospitals to become “Virtual eHealth Operators” and insurance companies to develop e-health oriented products.

Syndesis LTD is exploiting advanced low cost and open source technologies for collecting and analyzing heterogeneous data is using artificial intelligence and knowledge management techniques in order to develop decision support intelligent systems and is designing smart assistive living environments.

Syndesis Ltd is conducting cutting-edge research and is developing proprietary technology. It is continuously enhancing its services, integrating state of the art technologies like intelligent recommenders, secure techniques, IoT applications, decentralized computing and advanced HCI approaches. It is collecting heterogeneous data (environmental, lifestyle, Insurance claims, medical history, genomics) and brings the power of machine-learning algorithms to help identify behaviours, deterioration of diseases and manage health plans. Its long term objective is to provide non-invasive diagnostic data tools that can help find health problems early when the chances for treatment and cure are better.

Syndesis provides customised services by consulting and technically supporting other companies such as private hospitals to become “Virtual ehealth Operators” and insurance companies to introduce e-health products in their portfolios. This can reduce the use of hospital services and save healthcare costs for clients. Syndesis provides knowledge management and e-learning services to organizations in the health and care fields. Syndesis uses state of the art

technologies like Augmented Reality online games, serious games and game mechanics to enhance learning experiences.

- The Greek Carers Network EPIONI is a national non-profit organization established in 2016 by a group of citizens who are caregivers or former caregivers. It is governed by its Board of Directors, supported by a Scientific Committee and an Audit Committee. EPIONI's aim is to support individuals who work as informal, unpaid carers of family members or friends who are struggling with physical or mental illness, disability or addiction.

www.aicrumit.com

<http://www.syndesis.eu/>

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