PHEBO®
The e-Health Care Platform for telemedicine and tele-assistance activities
The PHEBO® Platform

It improves the patients’ quality of life. It fosters and optimizes the work of doctors and healthcare operators.

PHEBO® (Platform for Hi-tech / Hi-touch Evaluation of Biometrics Observation) is the innovative e-Health Care system, which renders telemedicine and tele-assistance easier, while significantly contributing to the improvement of the quality of life of a wide part of the population, in a general framework of cost containment.

PHEBO® combines state-of-the-art computer technologies with advanced portable devices in order to offer remote healthcare services, which enable to directly measure several physiological parameters that are automatically sent to health-care professionals in charge. Thanks to the collection of information, there is the opportunity to make plans, to quickly modify a pharmaceutical therapy or to schedule new operations.

Strengths

- It improves the patients’ quality of life.
- It fosters and optimizes the work of doctors and healthcare operators.
- It increases the service efficiency and productivity > It reduces the cost of prolonged or unnecessary hospitalizations.
- It enables to have a personalized diagnostic and therapeutic approach.
- It makes communication between doctors and their patients easier and quicker.
- It enables to have an articulate and detailed information exchange among healthcare operators, patients and structures.
- It provides information and statistics, it supports decisions and it offers an useful overview in the activities control.
PHEBO® supports healthcare operators in home tele-monitoring, e-health, telecare, tele-assistance and telemedicine activities in general. This advanced software medical device enables to manage the acquisition of vital physiological parameters (e.g. blood pressure, blood glucose level, weight, ECG, SpO2, heart rate...), video communications, questionnaires and multimedia files (images, videos, audios).

The secure and prompt data exchange respects all security standards required in the health care, in compliance with the rules related to the patients’ privacy.

PHEBO® is an instrument that can help doctors when dealing with patients having different pathologies, for example, heart failure, diabetes and COPD.

The platform is made up of cooperating and interoperable software modules that guarantee personalized telemedicine solutions, which can be adapted to different fields of the healthcare sector.

Those 4 modules represent the core of the PHEBO® System, which has been classified as medical software and II° class medical device, moreover, it has been conferred the 93/42/CEE certification.

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**eVoDroid**
App for smartphones to support patients’ activities at home.

**eVoNurse**
App for tablets to support nurses’ activities.

**eVoMed**
The portal for healthcare professionals.

**eVoCore**
A technological component that carries out a centralized monitoring on the platform work, particularly on transactions between the patient Intelligent Monitoring Stations and the Control Room.
**eVo@Home**
Application that enables patients to have access to the services from home.

**eVoCall**
Application for the access to services by the Central Operating Room personnel and ward practitioners.

**eVoGate**
A module integrated with third party systems (e.g. medical records, HIS, etc.).
Advantages

- Simple use for patients and all other users of the system.
- Use of easy multimedia communication tools that enable doctors to give personalized information to each patient.
- Bidirectional communication between the Control Room and patients, preventing the latter from going out for technical updates, reconfigurations or software maintenance.
- Bluetooth interaction between the communication devices provided to the patients and electromedical devices.
- Possible monitoring also through old generation devices or devices not provided with Bluetooth, thanks to ad hoc windows that record the previous measurements.
- Adaptable to different types of assistance as it is flexible and scalable, according to the different users and pathologies.
- Easy integration with third parts.

Certifications

ISO 13485 e 93/42/CEE
The PHEBO® System has been certified II° class medical device in compliance with the international UNI EN ISO 13485 standard, moreover, it has the CE brand in accordance with the 93/42/CEE directive.
References

- Azienda USL Valle d’Aosta
- AO Santa Maria degli Angeli di Pordenone
- ULSS 12 Veneziana
- AUSL di Modena
- Policlinico Universitario Campus Biomedico di Roma
- Ospedale Pediatrico Bambino Gesù di Roma
- AO San Giovanni Addolorata di Roma
- Istituto S. Anna di Crotone
- Fondazione Sacra Famiglia di Cesano Boscone (MI)
- ASL Napoli 2
- Città Metropolitana di Catania
- AO Legnano
- Centro Neurolesi Bonino Pulejo di Messina
- Policlinico Universitario di Cagliari e ASL Carbonia distretto di Iglesias
- Regione Abruzzo
- San Raffaele Città della Carità di Taranto
- Regione Molise
- ASP di Catanzaro