



Virtual Care Solutions



PHEBO[®]

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



Care



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.

Application Modules

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.**

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

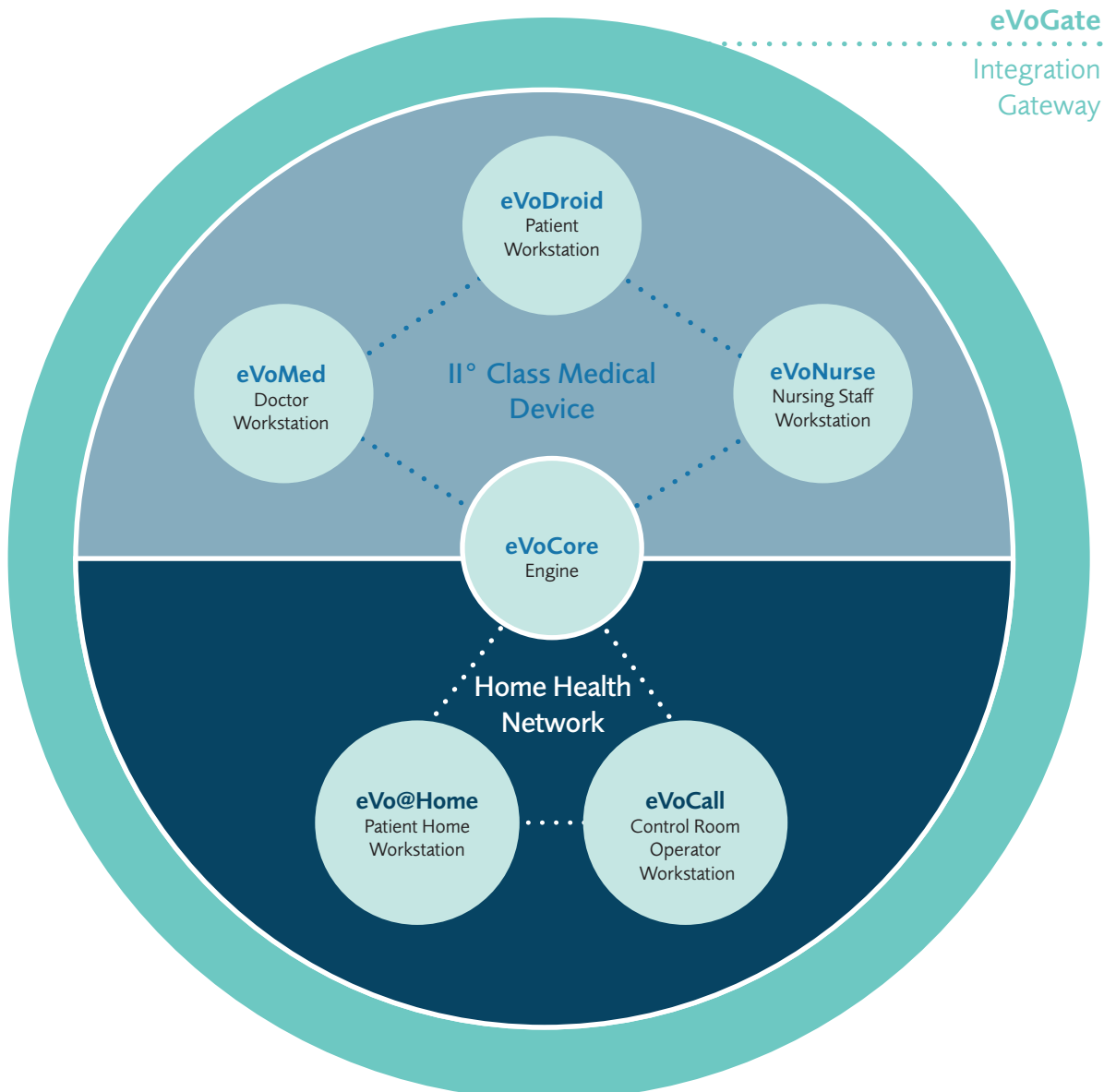
Application that enables patients to have access to the services from home.

eVoGate

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

eVoCall

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



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
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