

RITMOCORE

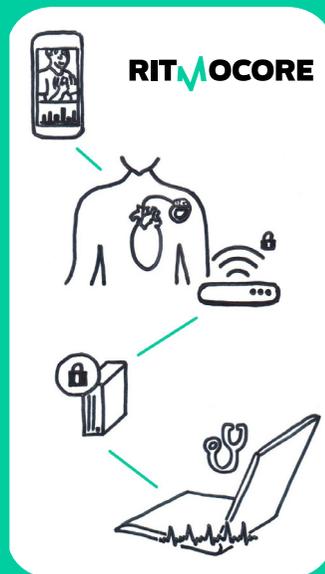
Innovation for a healthy heartbeat

RITMOCORE implements an innovative care model enhanced by digital technologies covering a remote support centre for monitoring and data flow, patient activation, and coordinated care provision.

RITMOCORE uses an instrument called Public Procurement of Innovations (PPI). The RITMOCORE PPI will set up and generalize a systematic description of the high-level specifications and functionalities that yield innovation, in the calls for tenders and in the offers for the involved domain. The RITMOCORE framework will open doors for innovative home monitoring devices, wearables and Apps connecting the healthcare system and the patients, allowing ICT innovations to flourish, especially for SMEs.

It includes an innovative purchasing approach based on risk sharing models to align objectives of suppliers and buyers. Moving from purchasing devices to service provision allows a more complementary relationship with suppliers & providers to unlock the use of pacemakers' market innovations.

Target patients are elderly people with symptomatic bradycardias (slow heart rates) due to sinus node dysfunction or to conduction blocks; these patients are usually treated with an implantable pacemaker or are at high risk of needing it.



Project details

Programme: Horizon2020

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Coordinator

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CHANGE MANAGEMENT

Regional vision should be pursued, to envisage a comprehensive change management strategy:

- An eLearning platform for professionals
- Dashboard to manage the change and assess KPIs satisfaction.



COORDINATED CARE

To increase the quality of care and efficiency by right information sharing and comprehensive care path implementation.

- Identifying the data and the adequate information channels
- Building feasible and efficient communication channels
- Change management challenge.



REMOTE MONITORING

Gaining access to parameters related to the performance of the pacemaker, and registry of hearth behaviour.

- Increased follow up frequency including automatic alarms.
- Earlier identification of problems related with any miss functioning and also the appearance of any pathologies.



PERSONALIZED ARRHYTHMIA THERAPY

The personalisation of each patient is an important factor in RITMOCORE.

- Provision of appropriate devices for each patient and to support remote monitoring
- Adequate device and settings, proposed by RITMOCORE platform thanks to the data from remote monitoring.



PATIENT ACTIVATION

The level of activation has a strong influence in the evolution and impact of a chronic disease.

Patient activation implies:

- A change in culture and procedures of the care team
- Availability of resources
- User centric design procedures
- A holistic approach to the patient.

Partners

