

RITMOCORE

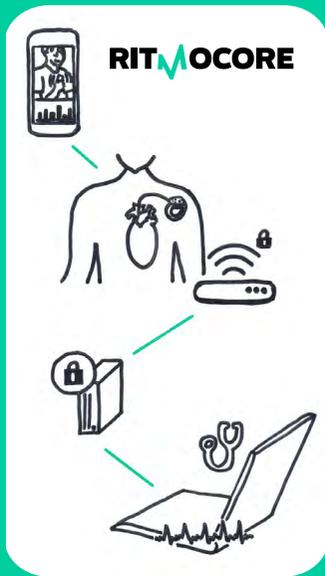
Innovation for a healthy heartbeat

RITMOCORE is about to transform the care path of patients with bradycardias, implanted, or to be implanted with a pacemaker.

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. In addition, the RITMOCORE project will open doors for innovative home monitoring devices, wearables and Apps connecting the healthcare system and patients.

RITMOCORE launched its tender on 16th January 2020, which will establish a global service contract to cover all needs of a comprehensive care approach, based on a risk sharing approach.

According to our dedicated clinicians of the four hospitals involved, the outcomes of this project are very promising:



Dr Xavier Viñolas

Hospital de Sant Pau (Lead Procurer)

Significant inefficiencies in the healthcare system could bring up to 30% savings. The alignment of all players' interests and activities in the value chain of the care path is essential to reduce these. Some health areas, like the arrhythmia treatment, are dependent on medical devices manufacturers. RITMOCORE aims to foster alignment among the industry, clinicians and head of finances in hospitals, together with the patient.



Dr Jay Wright

Liverpool Heart and Chest Hospital

As the number of patients with a pacemaker is increasing, we have to make the follow up of those patients more efficient to give better service to them and also to improve the green footprint by not having patients travel to the hospital. Liverpool has a lot of traffic, and we don't want patients and relatives to travel unnecessarily and take of time of work. Therefore, RITMOCORE will also improve the economic impact.



Dr Fernando Jara Clemente

Hospital Universitario MútuaTerrassa

Although FAMT has already integrated an Electronic Medical Record (EMR) for the hospital and the Primary Care Unit (PCU), RITMOCORE adds a change of role for both the General Practitioner and PCU nurse, and also improves the EMR intercom platform. The GP will move from a reactive role to become the primary actor in the follow-up of the patients with remote monitoring, as the nurse will have an active role in postoperative follow-up.



Dr Ignasi Anguera Camós

Hospital Universitario de Bellvitge

Implantable pacemakers are attached to the patient's heart and some devices have outstanding sensors for early identification of complications, such as apnea, atrial fibrillation and lack of movement. However, these functionalities are often not used due to lack of procedure in the healthcare system that allows a correct response to the potential alarms. RITMOCORE will explore feasible approaches to deal with those.

Project details

Programme: Horizon2020

Start: 1 November 2016

End: 30 June 2021

Coordinator

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