

# 5G Remote assistance to cardiology operations

**Telefónica and Boston Scientific implement a 5G solution for remote assistance to Cardiology operations.**

**Objective:** To develop a technological solution that captures in the operating room several video signals of vital markers and medical device data that allows the Boston Scientific Electrophysiology Specialist Technician to provide remote support to the medical team during surgery.

**Description:** Telefónica Spain, Boston Scientific and Tedcas have collaborated to provide a technological solution to the new Remote Clinical Support Center (RhythmCARE) of Boston Scientific, located in Madrid and that will cover hospitals in Europe, Africa and the Middle East.

It is a remote control solution for medical equipment that supports healthcare professionals during procedures in patients with heart problems in real time, remotely and digitalized.

The solution allows the collection of video and vital data from different medical systems to send it through a secure 5G mobile communication, low latency and high bandwidth, to the specialist technician, who will be able to visualize and analyze the assistance to the doctor, providing remote support in real time as if he were in a face-to-face interaction.

This solution also is available for training other technicians and health professionals.

5G connectivity allows remote control of diagnostic equipment, thus helping the medical team in real time thanks to the possibility of transmitting large volumes of data and its low latency.

