

5G O-RAN: Ensuring Greater Stability in Heart Surgeries

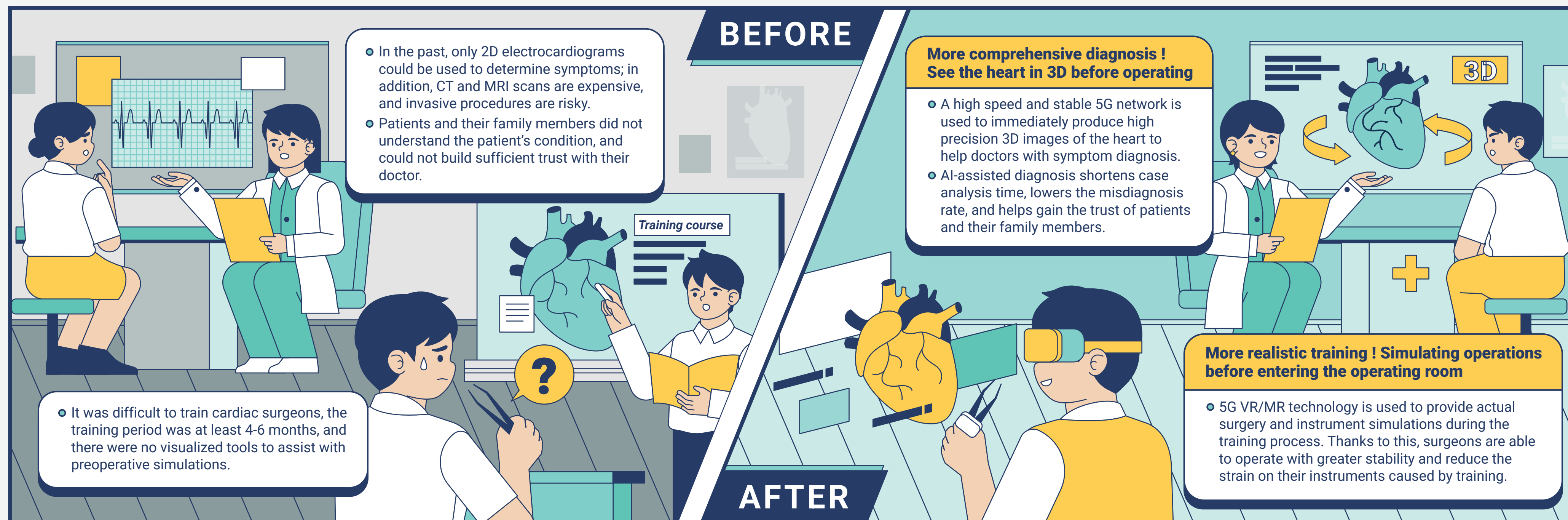
Assisted Cardiac Medical Imaging Development Plan Based on 5G Technology

High risk heart surgery is a major challenge for surgeons, patients, and their family members. Stably transmit large amounts of data and generate images using the ample bandwidth and capacity provided by 5G, thereby improving the efficiency and accuracy of medical diagnosis.

Project Results

#Improved Medical Teaching Efficiency | Utilized 3D images for simulated surgery practice and solved the pain points of cardiac surgeon training.

#Assisted the Advancement of the Healthcare Industry | Assisted domestic 5G companies in entering the healthcare industry's supply chain, and helped medical institutions with their digital transformation and technology upgrade.



Key Technology

5G O-RAN

3D Heart Navigation

AI-Based Fully Digital Diagnosis

Technology Unit

BIG DATA MOBILE COMPANY

Domestic Trial Site

Taichung city