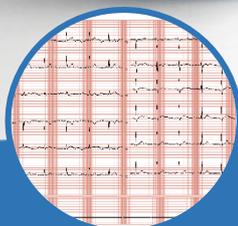


HIMOREMEDICAL

E Q U I P M E N T S



REALISATION OF ECG EXAMS

The Cardio-Pad performs the most complete and complex cardiac examination: the 12 lead ECG exam, which produces a complete diagnosis of a patient, through attached electrodes on the chest, wrists and legs of the patient. Then, recording is done with a software running in the device.



TRANSMISSION OF EXAMS TO A SPECIALIST

With its capacity of transmitting data via the GSM/GPRS mobile phone network, the Cardio-Pad enables the transfer of results of an ECG exam to a distant cardiologist, who in turn can produce and transmit their interpretation through their tablet or smartphone. This will go a long way in compensating for the shortage of cardiologists in developing nations.

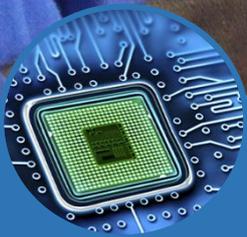
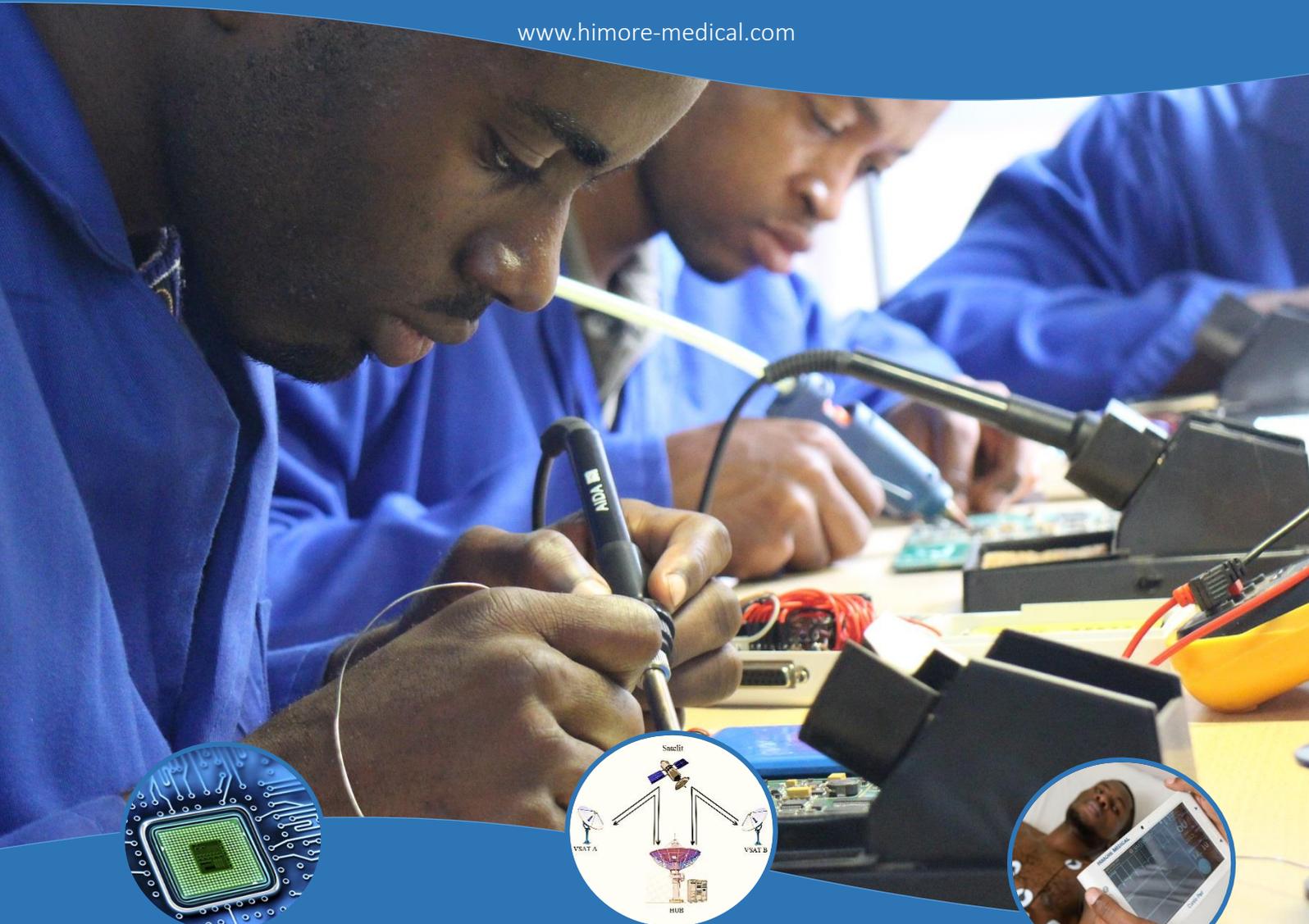


INTERPRETATION OF EXAMS BY A SPECIALIST

The Cardio-Pad is equipped with a set of functions that allow for a computer assisted diagnosis. This is a software which is used for effecting the processing of cardiac signals in order to automatically detect heart beatings, and the cardiac frequency. It is also used in calculating the time frame of the various waves within the cardiac signal of the patient.



www.himore-medical.com



MEDICAL EQUIPMENT DESIGN

We design and sell medical equipment which are used for realizing examinations on patients in order to detect and treat diseases. The particularity of our devices is that they are all touchscreen, mobile and 3G-enabled. We equally develop medical software running on PC or mobile devices.



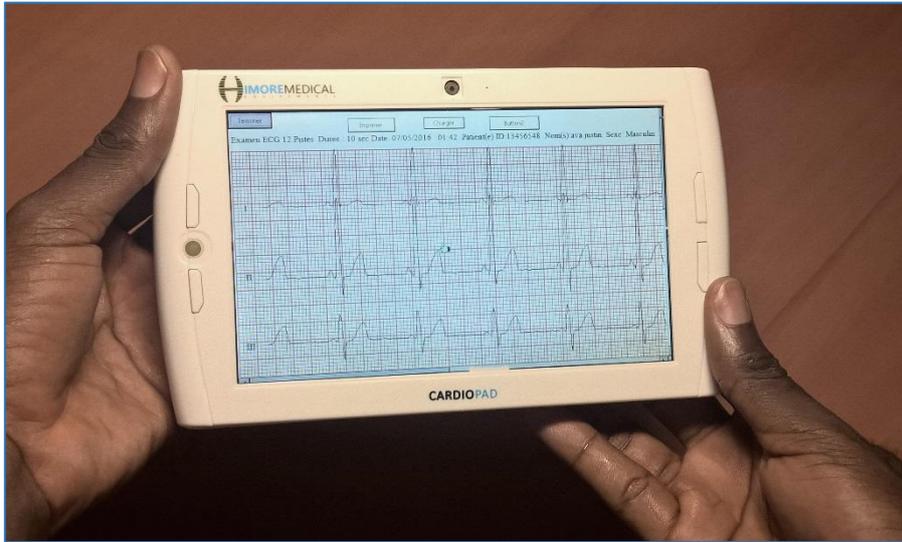
TELEMEDICINE

Our solutions are out to remedy the shortage of cardiologists in developing countries, and give patients the possibility of benefiting from effective care, without having to travel, or wait for long hours to consult a specialist.



HOME BASED EXAMINATIONS

Our company desgns medical devices that are used to follow up patients at home. These devices are mobile and 4G enabled. They allow for a fast treatment of patients when the latter are not able to report to the hospital.



01 Realization of ECG exams

The Cardio-Pad kit is a medical device which is used for performing heart exams.

Its primary function is the recording of 12 lead ECG exams.

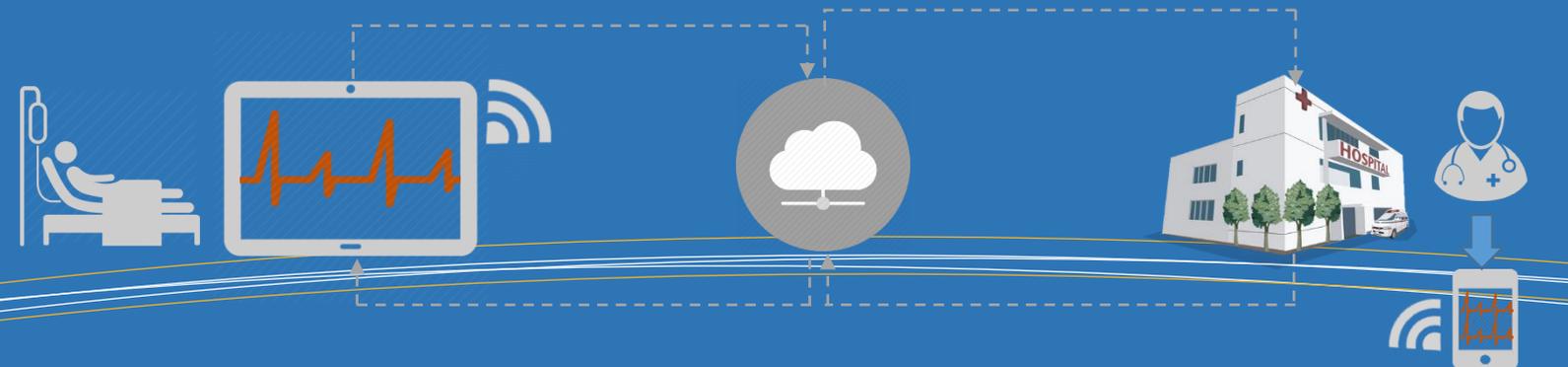
This procedure will consist in acquiring and storing the cardiac signal of the patient by attaching electrodes on the chest, and tweezes on the wrists and ankles. Recording is then performed by a software which is running on the tablet.

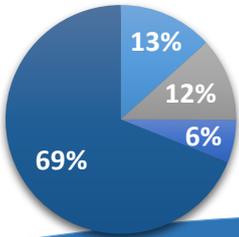
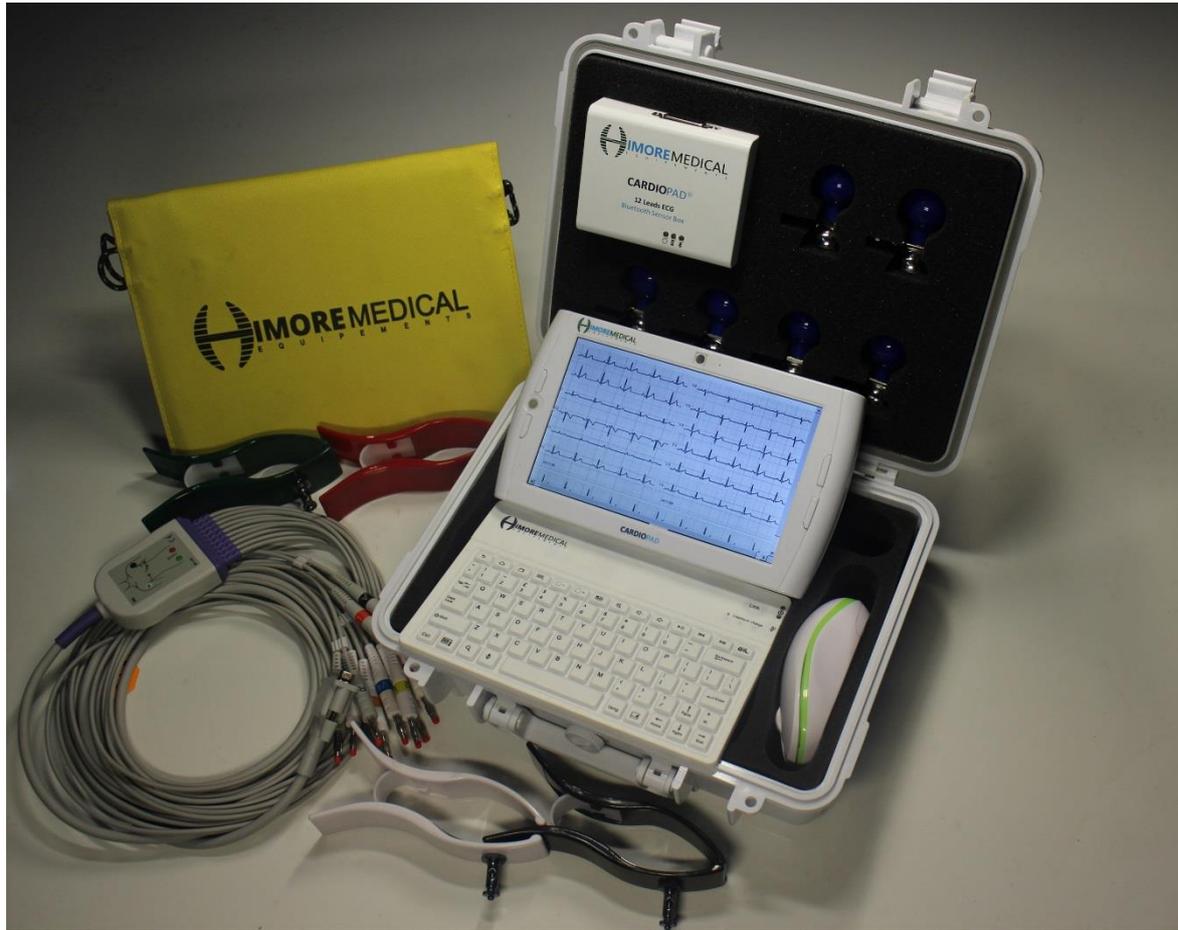
02 Transmission of data to the cardiologist.

The transmission of data is done by inserting a Sim card in the tablet. Once it has been connected to the central server, data of a patient can be transferred from one place of the world to another, and send them to a specialist for an interpretation.

03 Interpretation and diagnostic assistance.

The specialist, after that, produces an analysis, interprets the exam of the patient via the Cardio-Pad, a PC, or smartphone, using diagnosis applications. He/she will send the results to the nurse who performed the exam with the aid of the GSM/GPRS network. In case of sickness, he prescribes an effective treatment to the patient.





- Ischemic heart disease
- Cerebrovascular accident
- Infection of respiratory tracts
- OTHERS

This diagram pertains to a study which was carried out by the WHO in 2011 and whose report shows that cardiovascular diseases remain the main cause of mortality in the world. This reports indicates that among the 54.6 millions of deaths recorded in 2011, they were responsible for the death of 13.2 million people, that is 24% of the total mortality rate registered in that same year.

Designed with the aim of reducing mortality rate due to cardiovascular diseases, and, compensating for the shortage of cardiologists in various parts of the world, the Cardio-Pad kit sets out as a medical instrument which records and processes the heart's signals of a patient in order to produce a remote diagnosis.

➤ PERCULIARITY

The Cardio-Pad, with its capacity of transmitting data via the GSM/GPRS/3G mobile phone network, performs 12 lead ECG examinations and transfers results of the examination to a distant cardiologist in order to get a remote diagnosis after interpretation.

➤ PRESENTATION OF THE CARDIO-PAD KIT

ECG exams performed by the Cardio-Pad are done with the aid of a number of accessories that are delivered in a full pack: The Cardio-Pad kit. The components of the kit are: the tablet itself, a bluetooth sensor box, which collects and digitizes the signals of the patient, then transfers them via bluetooth to the Cardio-Pad tablet, which in turn, will process and store those signals in a memory.

The accessories of the kit are: ECG electrodes, ECG cables, arm tweezers, a keyboard, a mouse and a solar panel which is to supply electricity in case of power failure.

➤ FUNCTIONS

The cardio-pad performs a good number of functions:

Electrocardiograph: Records the ECG of a patient and stores data in a data base.

Scope: effects real time recordings and analyses of the heart signals of a patient.

Data storage: allows for the storage and management of data from different examinations.

Telecardiology: The Cardio-Pad offers, through the insertion of a SIM card, the possibility of establishing a connexion which helps in transferring data to other Cardio-Pads devices and smartphones of the Himore Cardio-Net network, a world platform for the follow-up of cardiac exams by the Cardio-Pad. Telemedicine gathers hundreds of cardiologists and facilitates the sharing of data, as well as distant analysis and diagnosis.

