



PHYSIOPOST SOFTWARE

Powerful software for the processing, visualising and printing out of different physiological signals through a heartbeat-by-heartbeat analysis

Technological advantages

A multifunction software application

Processing, visualisation and printing out of physiological signals

Possibility of choosing the range of data to be analysed

Exports data in Excel, text or binary format

A simple and powerful system

Intuitive features

User-friendly

Possibility of zooming in on the signal curves Rapid processing of the data

Exceptional accuracy

Determination of characteristic points of the physiological signals, for each heart beat

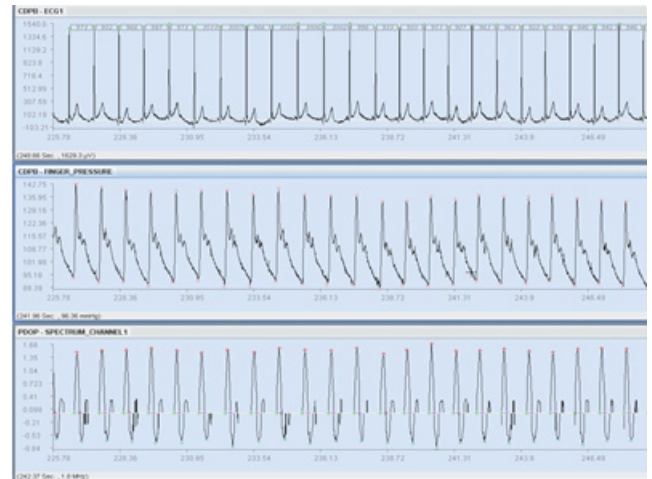
Visualising and printing out of these heartbeat markers

Appropriate analysis for each type of signal

Software tested and qualified

Scientific experiments: uses for bedrest programmes and measurements on astronauts before and after space flights

Medical monitoring of the astronauts onboard the International Space Station (ISS) as part of the Cardiomed project



ECG, blood pressure and Doppler readings with identification of heartbeat markers

Summary of the invention

Renewed time-tagging and synchronisation of signals acquired from different medical instruments.

Possibility of simple manual adjustment of heartbeat markers.

Heartbeat-by-heartbeat analysis of different physiological signals: ECG, continuous monitoring of blood pressure, Doppler, plethysmography following radiation, and by the radius of curvature of the digestive tract.

Potential applications

Medical field

Space and non-space pharmaceuticals

Software available under licence

For further information