BSP MEDICAL
Digital Early Detection

REST & STRESS ECG	BIG DATA	HOME CARE	WEARABLES	TELEMEDICINE

HyperQ Technology
A new dimension into ECG analysis

HyperQ is a ground-breaking clinical algorithm application to monitor and diagnose cardiac diseases. It non-invasively detects Ischemic Heart Disease and Acute Coronary Syndrome in both stress and rest settings.

HyperQ analyses the high-frequency components of the QRS segment, thus examining the depolarization phase of the cardiac cycle, whereas conventional ECG analysis of the ST segment is related to the repolarization phase of the cycle. HyperQ provides independent and superior clinical accuracy to any other non-invasive solution currently available.

valuable clinical information is hidden in the ECG signal

Products

HyperQ Analyzer Stress

A unique software module designed to analyze Stress Test ECG. HyperQ can be integrated in any stress ECG system and be implemented in various off-line and on-line Big Data solutions.

HyperQ Analyzer Rest

Early detection of acute coronary artery disease on any resting ECG system. Provides a new perspective to the clinical staff, including diagnosis of Non-ST Elevation MI (NSTEMI) and Unstable Angina (UA).

Technical requirements

HyperQ is a stand-alone software solution that analyses ECG data and issues a clinical report. It can be installed in a PC ointegrated in an ECG device. The recorded raw ECG data should have a minimal bandwidth of 200Hz.

About us

BSP Medical is a digital health care company that developed the HyperQ technology, a suite of algorithms implemented in software, aimed at the early detection of coronary artery disease and cardiac conditions.

The American Heart Association (AHA) pointed out that High-Frequency QRS indicators, measured by HyperQ, have been found to have useful test performance for detection of CAD. HyperQ is FDA cleared and and CE marked.

contact@bspmedical.com | **www.BSPmedical.com**