

HES[®] RESTING

Precise ECG analysis



Upgrade monitoring applications with our established HES[®] Resting ECG algorithm. HES[®] Resting was designed for the integration on PCs, mobile devices or embedded systems. It is available for up to 12 leads and has been implemented in numerous FDA and CE registered devices worldwide.

FEATURES

- Accurate beat localization and typing for up to 12 leads
- Noise detection and removal
- Calculation of measurement tables
- Detailed rhythm analysis
- Diagnostic interpretation of ECG data
- Development kits and libraries available for numerous platforms

YOUR BENEFITS

- 20 years of expertise in ECG analysis
- All common operating systems and platforms supported
- Textual output in many languages
- Customized license models
- Experienced integration and approval support



**BETTER HIGHTECH.
BETTER HEALTH.**

TECHNICAL INFORMATION

Measurement table:	Evaluation of durations and amplitudes per ECG lead (e.g. P, QRS, ST, QT, QTc)
Rhythm analysis:	VES, SVES, pause, bigeminy, trigeminy, ventricular tachycardia, bradycardia, fibrillation / flutter and more
Diagnostic interpretation:	P wave (e.g. atrial overload, prolonged atrial conduction) Repolarization abnormalities and T wave changes (e.g. ischemia) Intraventricular conduction defects (e.g. bundle branch blocks and preexcitation syndrome, left anterior hemiblock) QRS-T (e.g. normal, infarction with location and age, right, left and biventricular hypertrophy)
Textual output:	Available in English, German, French, Dutch, Spanish, Italian, Portuguese, Polish, Ukrainian, Norwegian (further languages on request)
Supported platforms:	Embedded systems (DSP or ARM) Microsoft Win 32 + 64 bit Apple MacOS 32 + 64 bit Linux 64 bit Android iOS WinCE / Windows Embedded

APPLIED STANDARDS

IEC 60601-2-25:2011

IEC 62304:2006

CORSCIENCE GMBH & CO. KG

Hartmannstraße 65
91052 Erlangen, Germany

+49 91 31 / 97 79 86 - 0
info@corscience.com
www.corscience.com

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ABOUT CORSCIENCE

Corscience GmbH & Co. KG is the one-stop shop and engineering specialist for medical technology. We develop and produce OEM modules and products which help people and save lives.