

CARDIOMOOD INFORMATION SYSTEM FOR QUANTITATIVE EVALUATION OF PSYCHOEMOTIONAL TENSION OF HUMAN BODY



Receiving device of CardioMood information system for quantitative evaluation of psychoemotional tension of human body

Areas of Application

The system is used for support of healthy lifestyle in domiciliary conditions and for monitoring psychoemotional tension of the human body in labor medicine

Specification

The CardioMood system consists of heart rate sensors recording RR-interval based on ECG, and a receiving device (smartphone on Android version 4.3 and higher or laptop on Windows 8) that receives the signal from the sensor by Bluetooth Smart 4.0 channel

Advantages

The system uses low-cost intelligent sensors, mobile gadgets (smartphones), and cloud technologies; special mathematical models for diagnostic interpretation of output data are available

Stage of Development. Suggestion for Commercialization

IRL7, TRL8
Manufacture, delivery, warranty maintenance, and staff training, upon request

IPR Protection

IPR7, IPR2

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