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CNSystems – The Brain & Heart Company

CNSystems develops and markets products for the evaluation of the human cardiovascular system providing all relevant haemodynamic parameters non-invasively, beat-to-beat and in real time!

The primary clinical applications of the main product, the Task Force[®] Monitor, are in the diagnosis of neurocardiogenic syncope and in improving the therapeutic effectiveness of CRT-pacemakers through AV-time optimization. Additional applications of the Task Force[®] Monitor are the optimization of hypertension therapy and the assessment of autonomic neuropathy in diabetes patients.

The Task Force[®] Monitor combines three independent parameters such as ICG, ECG and blood pressure and gives additional information about inotropy, stroke volume and total peripheral resistance e.g. The sophisticated software delivers insight into the complete haemodynamics and gives also comprehensive overview about the autonomic regulation.

The Task Force[®] Monitor provides complete synchronized haemodynamics:

ECG: - high resolution 3-channel-ECG (6 channel display)
blood pressure: continuous non-invasive arterial blood pressure (CNAP[™])
cardiac output: continuous non-invasive cardiac output (CNCO) & stroke volume
total peripheral resistance
impedance cardiography
autoregulation: based on heartrate and blood pressure variability and baroreceptor sensitivity