

## **HR ECG mapping in risk assessment of ventricular tachycardia**

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The purpose of this study was to investigate the variability of different ECG parameters between healthy subjects, myocardial infarction patients with and without threat of ventricular tachycardia. Following parameters were studied in HR ECG BSPM: QRS width, STT interval, QT interval, QT interval dispersion, TMAX\_TEND interval, QRS, STT, QRST integrals. The best received parameters in risk assessment of ventricular tachycardia were: QRS and QT intervals - prolonged depolarization and repolarization as well as STT area departure maps expressing changed spatial distribution of repolarization phase. Further studied on larger groups of patients are required.