

The invention relates to medicine, in particular to cardiology, and concerns a method for assessment of abnormality of electrical processes in heart ventricles. According to the method magnetocardiography mapping is carried out, maps of current density distribution from the beginning of QRS complex to the end of T wave are analyzed, topological parameters of regions with increased and reduced current density and of eddy currents are determined, the degree of distinction thereof from physiologic quasidipole map and mean value thereof for the set of maps is calculated, regional nonhomogeneity degree and global nonhomogeneity degree is determined, and the degree of abnormality of electrical processes in heart ventricles is determined. The method is performed with software application displaying the results obtained and printing thereof.