

## S2-2.3

# Influence of Change in Cardiac State on Probable Properties of Rhythmograms

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The miniaturization of medical electronics in recent years, like electronics in general, provides new opportunities for creating miniature and subminiature monitoring systems that are capable of monitoring important human biophysical signals. In particular, to carry out long-term monitoring of parameters of cardiac activity. In this case, a wide field opens up for the development of new effective wearable devices. However, the circuitry implementation of such devices is impossible without significantly new methods of processing and analyzing such complex signals as the signal of the electrical activity of the heart. The paper proposes a study of the probabilistic properties of rhythmograms depending on the change in the patient's cardiac state. The results of these studies make it possible to obtain information about changes in the internal structure of the conduction of electrocardiographic impulses and significantly increase the information content of rhythmograms.