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INSTANTANEOUS CARDIAC RHYTHM RATE SPECTRUM BASED ON HOLTER MONITORING DATA AND ITS FEATURES

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Together with frequency characteristics of instantaneous cardiac rhythm (ICR), characteristics related to the ICR change rate v are of great value for studies in cardiology. According to the data from day-long Holter monitoring, we constructed the ICR change rate distribution function. It was demonstrated that for different patients the function had both the unimodal and the polymodal characters. In many cases the is approximated accurately by the Laplace distribution. In general, the is approximated with the plenty high enough accuracy by the linear combination of Laplace's and Gaussian functions.

Short biography note

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