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Biomedical applications development for OS Android

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OS Android is one of the most popular platforms for development of different mobile applications. One of the important task where we can successfully use mobile applications is Health monitoring systems.

The increasing numbers of diagnostic methods of cardio-vascular diseases use special software for Android OS. In this work we have developed 2 tools which can additionally using during Holter Monitoring for patients with cardio-vascular diseases:

- 1) Electronic patient diary of Holter monitoring as an application for the OS Android;
- 2) System of pulse wave parameters estimation using mobile device camera and OS Android.