

diabICT Technology platform
 for new ICT strategies in
 diabetes therapy and control
 RC.2.2.08-0010



The aim of the project is to research the use of ICT solutions for solving medical and public health problems associated with diabetes and to provide solutions that are globally applicable. The research and development will result in an innovative multi-purpose technology platform for ICT strategy in the treatment and control of diabetes. That will enable prevention, improving the quality of life of people with diabetes, and better control and self-control of diabetes. Thus, it will have a positive impact on reducing complications and indirectly in the reduction of direct and indirect healthcare costs. The research and knowledge transfer are directed towards SMEs that will ultimately produce a technical solution to the market. The project is co-financed by the European Regional Development Fund. The project leader is Prof. Ratko Magjarević and the SME partner is S. D. Informatika d.o.o. led by Mr. Siniša Drobnjak.

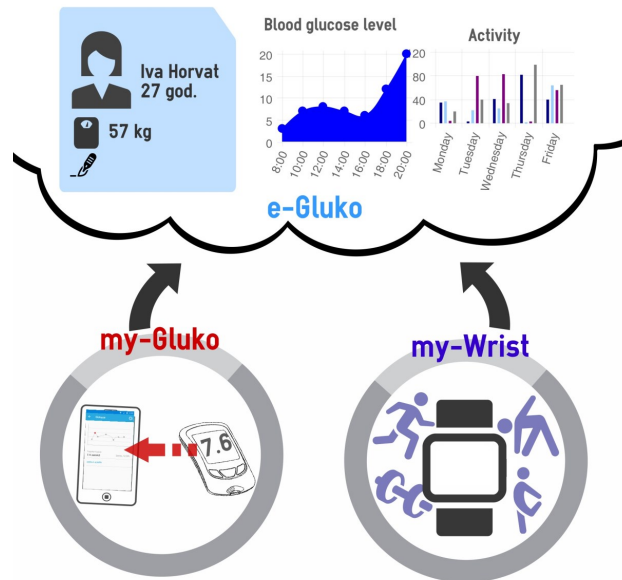


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Within the project we will develop a special interface **my-Gluko** which will enable reading out the memory of almost any commercial glucose meter, and sending that data into the platform **e-Gluko**. Obtained data are available on the platform for patients and their doctor on the Internet within a couple of seconds.

Sensor node **my-Wrist** enables accurate monitoring of daily physical activity, evaluation of achievements and effort during exercise. Users follow the exercise with the help of a virtual trainer, and receive immediate feedback on the quality of performed movement during exercise.



Platform **e-Gluko** collects and stores all the data, provides a graphical interface, generates alerts and recommendation for patients and their doctors based on the analysis of the obtained data using advanced and innovative computer algorithms developed in the project.

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