

Smart Growth Operational Programme 2014–2020
Priority axis: I. Support for conducting R&D works by enterprises
Measure: 1.1. R&D projects of enterprises
Sub-measure 1.1.1. Industrial research and development works carried out by enterprises
Competition 1/1.1.1/2021 – Fast track

Project title: ‘An intelligent platform supporting the diagnosis and treatment of fertility disorders’

Beneficiary name: INVICTA sp. z o.o.
Project value: PLN 11,364,629.25
Co-financing amount: PLN 7,924,462.42
Implementation period in years: 2022 – 2023

The project is co-financed by the European Union from the European Regional Development Fund under the Smart Growth Operational Programme. The project is carried out as part of the competition of the National Research Centre of Research and Development: Fast Track.

The aim of the project is to develop an intelligent diagnostic and therapeutic platform supporting a doctor’s work and the decision-making process.

As a result of the development, a platform/software application will be created, which will be fed with data in an automatic and smart way, and which will deliver information appropriate for a given patient to the doctor using AI algorithms. **The purpose of the software is to support the doctor in decision-making and infertility treatment**, thanks to which they will be able to focus on the couple and their treatment, while time-consuming activities such as data entry and processing will be limited.

Planned features of the platform include:

- Automating the data entry process, including data obtained during an interview. This will speed up the data entry process and reduce the risk of mistakes in data entry.
- Identifying and increasing the availability of data relevant for treatment (finding similar patients, creating possible treatment plans, etc.). This will make it possible to accelerate the therapeutic process and provide access to comprehensive information on possible further treatment paths.
- Supporting medical decisions by providing data relevant to a given patient/case.

The platform will be used not only in Invicta – it will be made available as independent software to gynaecological practices, including those located outside large cities. This will increase the availability of infertility treatment in areas, where there are currently no infertility treatment clinics.

If you have any questions about the project, please contact us at cbr@invicta.pl