

Current Projects

In addition to contract research, the center also conducts its own research projects. These projects include, for example, the following:

- **Neighborhood Diagnostics** – Patient-centered diagnostics for area regions rethought
- **RespiVir** – Next-generation virus testing for on-demand diagnosis and outbreak containment
- **KISMADI** – Intelligent, demand-oriented wound care for chronically ill patients
- **SODIAPH** – Analysis and optimization of digital ecosystems in patient care

Together with industry, science and society, we discuss digital diagnostic ideas, develop technologies and solutions from the first prototype to market readiness and offer services for their validation and approval in accordance with regulations.

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Fraunhofer



Leverage our expertise

Modern diagnostic and digital healthcare

Fraunhofer Center
for Digital Diagnostics ZDD®

The mission is to develop solutions, technologies and services to enable digital-diagnostic-based healthcare delivery in rural regions.

The Task

Modern, data-driven healthcare in rural regions is an increasing challenge. With a growing concentration of specialists in metropolitan areas, intelligent, cost-efficient solutions are needed to ensure that the population living outside of the metropolitan hotspots also receives the care it needs. In particular, digital health applications that link patients, doctors, nursing staff and health care facilities with each other will play an increasingly important role in the provision of medical care in the future.

However, these require patient-oriented diagnostic solutions that provide the necessary data for informed medical decision-making. The Fraunhofer Center for Digital Diagnostics ZDD® is dedicated to the development of appropriate technologies and solutions for diagnostically and digitally supported decentralized health care.



The Fraunhofer Center for Digital Diagnostics will create a platform that is unique in Germany for combining diverse expertise and strengthening research – and Potsdam will play a central role here in the future.«

Manja Schüle, Minister of Science of the State of Brandenburg.

It combines the expertise of three Fraunhofer institutes (IZI-BB, IZI, and IESE), depicting the entire digital diagnostic value chain, from the collection of diagnostic data to secure and compliant data management until intelligent data interpretation and systems for the support of medical decision-making. The Fraunhofer Center for Digital Diagnostics ZDD® offers this expertise to partners from industry, the private sector, and public health care for the development of demand-driven technologies and solutions.

The Program family

The focus of the Fraunhofer Center for Digital Diagnostics ZDD® is on the application-oriented development of technologies, integrated solutions and services for digital diagnostic health applications of tomorrow. The center is organized in three programs, which differ primarily in the technologies and solutions for diagnostic data collection:

ZDD® Programs

