EFM

Early diagnosis of **critical** heart diseases

Q1 2024

The Problem - Misdiagnosed dyspnea





"https://psnet.anrq.gov/issue/misdiagnosis-neart-nature-systematic-review-interature https://vasolabs.com/heart-disease-misdiagnosis-and-underdiagnosis-an-ongoing-crisis/

The Solution: System MUDISOCARD



Diagnostic process

| Using Mudisocard: | |
|-------------------|--------|
| Diagnosis time | 30 min |
| Costs per patient | ~99€ |

MUDISOCARD

A multi-dimensional system for cardiac dynamics

A medical testing tool including 3 parts:

Design of the Device



First working prototype





Aligning science and experience to change the way heart failure is diagnosed and treated



Management



Miłosz Jamroży PhD Eng, MD, CEO

Co-founder



Filip Janowski



Aleksander Cudny



Karol Pawelec Q&R Affairs Director





Krzysztof Lewenstein Prof. Eng, Biomedical Engineer

Supervisory Board

Paweł Szydłowski

TerraSeed VC

Chairman



Maciej Jutrzenka -Trzebiatowski Legal Counsel



Krzysztof Andrijew PhD Eng, Operations Liaison



Tomasz Leyko MD, Clinical Expert



Advisory Board

Marcin Szuba MD, Clinical Advisor



Przemysław Leszek PhD MD, Cardiology Expert

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Henrik Krogen M.Sc., Commercialization Advisor

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Complete team of experts aligned in making this project great

Achieved milestones and future plans



Achieved milestones in 2023:

- Developed a working prototype of the device,
- Prepared regulatory strategies for EU and US,
- QMS certification in accordance with ISO 13485:2016,
- Patent applications filed (EU, US, SA, UEA, South Korea),
- Bridge Alpha project submitted,
- Contracts signed:
 - cooperation with the Polish National Institute of Cardiology
 - o MSA with an international CRO

Plans for 2024:

- Development of a clinical trial protocol
- Preparation for the serial production of the device
- Commencement of product testing and CE certification process (MDR)
- Production of 200 prototypes
- Further development of the Telemedical platform and algorithms

Currently raising 1 mln €

First sales planned for 2025



Thank you

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