

STUDY VISIT AND MATCHMAKING DIGITAL HEALTH

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DIGITAL HEALTH

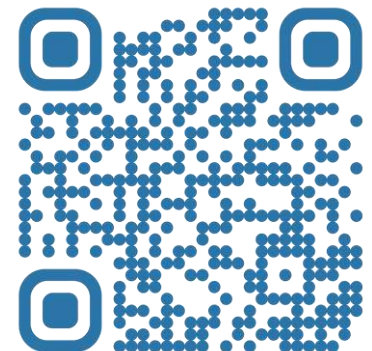


Biocam.ai

MedTech Startup

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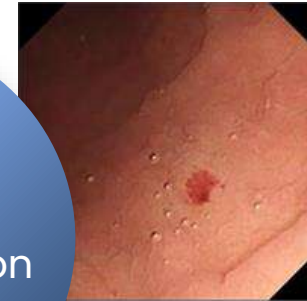
Key information



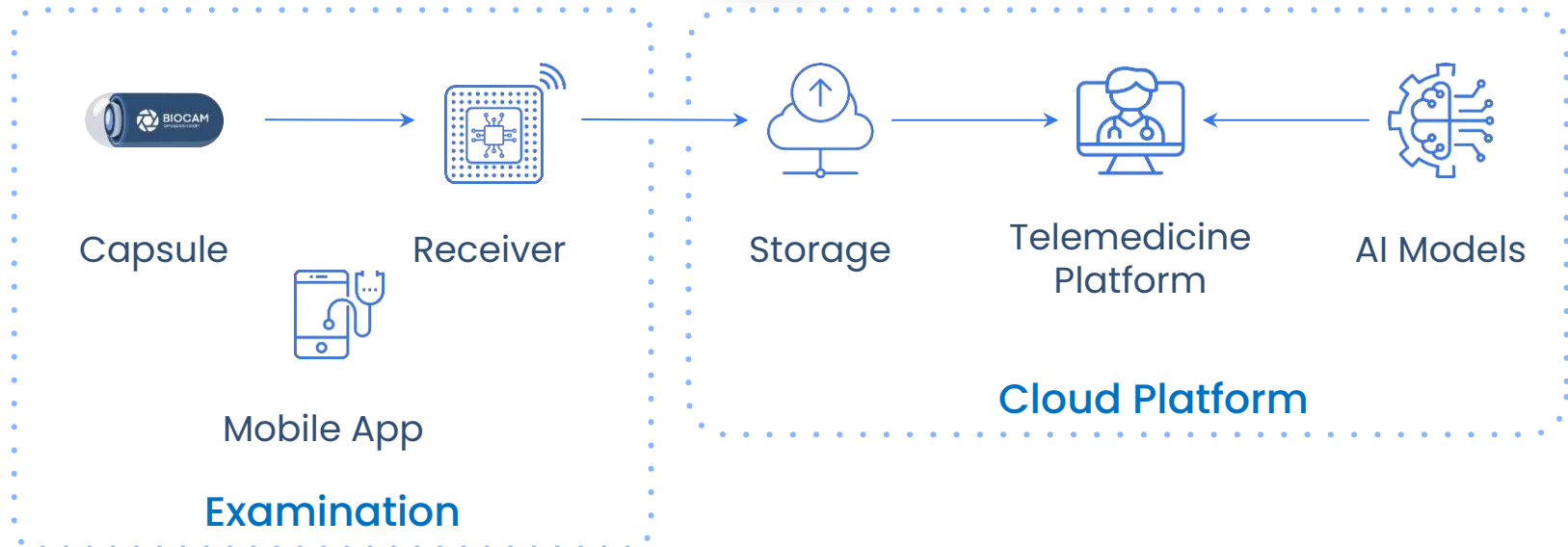
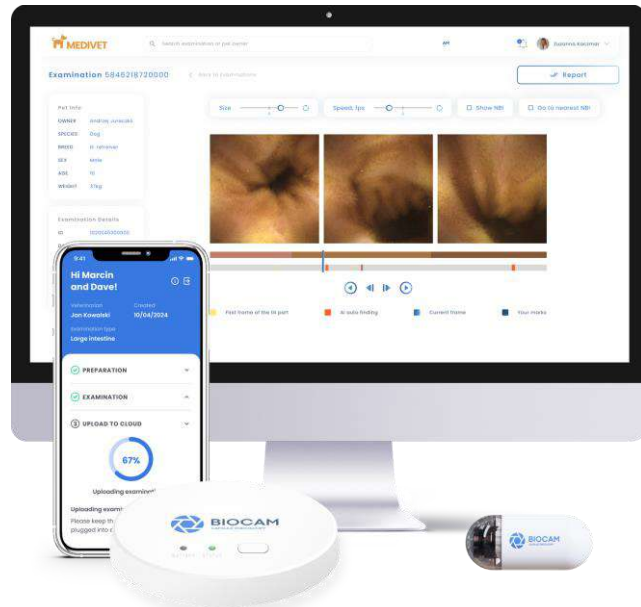
BioCam technology is a comprehensive system for minimally invasive **diagnostics of the entire digestive system at home for both humans and pets**, integrated with a proprietary image analysis system that combines:

93%

AI classification accuracy



Angiectasia



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In-house R&D infrastructure



R&D laboratory

Fully equipped for prototyping, testing and iterative development of endoscopic capsule systems and receivers.



Multidisciplinary expert team

Over 30 specialists in hardware & electronics, AI-based image analysis, software engineering, medical image annotation

Development Pipeline & Future Innovation Potential



Next-gen diagnostic features

- Controlled-release capsules for targeted drug or vaccine delivery
- Biopsy using internal rotary or manipulator tools
- Real-time capsule localization and remote actuation



Bacteriophage-based therapeutics

- Partnership with Wroclaw Research Hospital (WSS) under the MOZART WCA program
- Bactericidal solutions for medical, veterinary, and pharmaceutical applications



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Future Horizon Europe Calls

- **HORIZON-HLTH-2027-01-CARE-01 HORIZON-HLTH-2026-01-DISEASE-01** AI-powered capsule endoscopy system for early diagnosis and monitoring of noncommunicable gastrointestinal diseases.
- **HORIZON-HLTH-2026-01-CARE-01** Public procurement of innovative solutions for improving citizens' access to healthcare through integrated and personalised approaches

Why BioCam?



BioCam addresses digestive tract-related noncommunicable diseases (NCDs) such as **inflammatory bowel disease (IBD)**, **Crohn's disease** and **colorectal cancer**.

BioCam offers an integrated diagnostic platform that aligns with the goals of improving access to care. Its **low-infrastructure requirements** and **remote operation** make it ideal for inclusion in public procurement programs that aim to modernize care delivery and reach underserved populations through **cost-effective, scalable innovation**.



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Research programs



MSCA DOCTORAL TRAINING NETWORK INTELLI-INGEST

The project includes a 3.5-year collaboration with PhD students from leading European universities.

INTELLI  INGEST



GRANT FOR LOWER SILESIA 2021–2027 PROGRAM

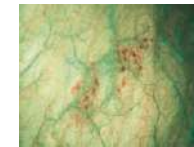
Development of an advanced imaging system using various light wavelengths

Planned clinical trials with a value of 410 k EUR

Project budget

Total value: 1.8 mln EUR

EU funding: 1.18 mln EUR



NBI light



White light



Rzeczpospolita
Polska

Dofinansowane przez
Unię Europejską



R&D collaborations with:

- **Medical experiment** conducted at **University Clinical Hospital (USK)** in Wrocław using BioCam capsule
- Ongoing **veterinary study** launched in collaboration with **Wrocław University of Environmental and Life Sciences (UPWr)**

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Thank you

