PARP
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START-UPS ARE US

MedTech sector

Meet Polish startups from the MedTech sector

EFM

Bodyscope

Semi Robotics

VISUAL TECH-LAB

MB AI

Orei Health

ONCOBAG

Mentalio

KONKLUDI MED

EDOCERA

ACCREA Medical Robotics

Nieamputuj.pl

Krzysztof Lis

Tussis

CORAZ ZDROWIEJ

Keep It Healthy

Company: EFM
Product: EFM Cardiac Dynamic System

EFM Cardiac Dynamic System is an innovative, compact device that performs a two-minute, non-invasive examination of the heart and lungs. It combines 3D ECG, bioimpedance measurements, chest auscultation, and infrasound analysis to provide unique insights into cardiac energy, work, and dynamics.Advanced AI algorithms generate instant, actionable reports, allowing physicians to detect subtle disturbances and differentiate conditions with similar symptoms.
EFM replaces multiple diagnostic devices, delivers a comprehensive patient overview within minutes, and is a globally unique, patent-protected solution ready for international use.

www.engineers4medicine.com

Company: Bodyscope
Product: Innovative dermatoscopic robot

Bodyscope – Innovative Dermatoscopic Robot captures full-body 3D skin images and uses AI to screen for melanoma, skin cancers, fibromas, hemangiomas, nevi, psoriasis, and vitiligo. Suspicious areas are highlighted for detailed follow-up, enabling precise monitoring over time. The robot scans patients autonomously, marks concerning areas, and stores data to track changes between visits. This allows early detection of lesion growth and supports remote diagnostics, so specialists can review images without being present.

Bodyscope stands out for its flexibility and cost-efficiency. Interchangeable cameras and movable arms let clinics customize the device to their needs, while reducing production and maintenance costs. Combining 3D imaging, AI analysis, and telemedicine, it offers a comprehensive solution for early skin disease detection.

www.bodyscope.pl

Company: Semi Robotics
Product: Feeding Robot "FIDI"

FIDI Feeding Robot is an innovative assistive MedTech solution designed to help people with limited mobility eat independently. The device combines robotics, artificial intelligence and ergonomic design to automatically detect the user's mouth position, adjust feeding speed to real-time reactions and personalize settings to individual needs. FIDI is fully functional and currently being tested in homes, medical facilities, rehabilitation centers and nursing homes.

What sets FIDI apart is its high level of automation and personalization in a compact, mobile form. Unlike semi-automatic feeding aids, FIDI dynamically adapts movement, pace and portions, minimizing discomfort and enhancing safety and dignity. By increasing user independence and reducing caregiver workload, FIDI addresses global challenges such as population ageing, staff shortages and rising care costs, offering real value for both individuals and care institutions.

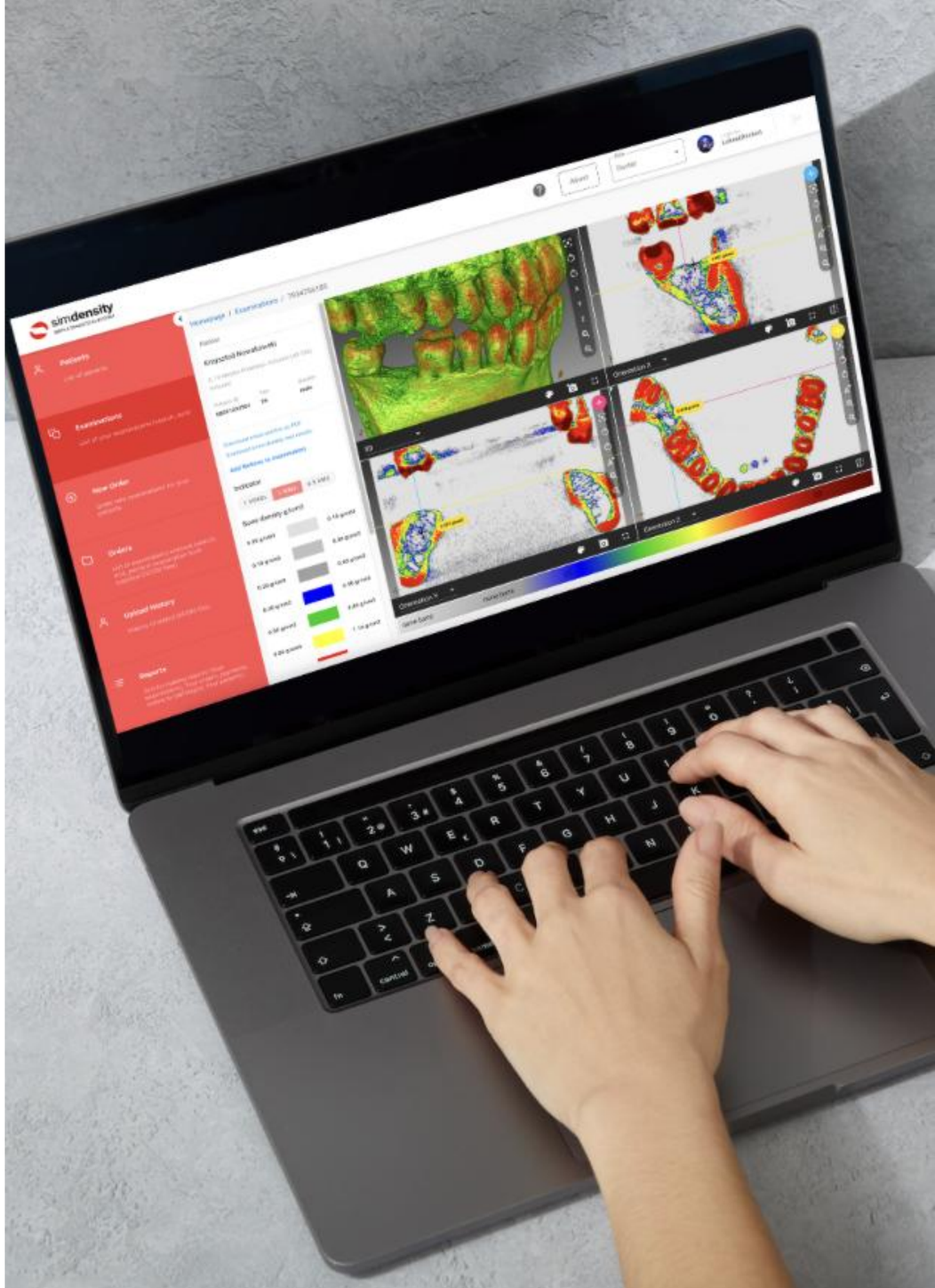
https://www.semirobotics.pl/

Company: VISUAL TECH-LAB
Product: SIMDENSITY

Simdensity is an innovative diagnostic system that enables dentists to measure jaw and mandible bone density precisely at the implant planning stage. The solution provides objective, point-based measurements expressed in physical units (g/cm^3), replacing today's indirect and subjective assessment methods. The system combines a proprietary density template used during routine imaging with a cloud-based platform that analyzes standard dental tomography data. Automated processing visualizes bone density in a clear, intuitive way and requires no additional hardware or software installation.

What sets Simdensity apart is the lack of comparable solutions in daily dental practice. By delivering reliable, preoperative bone density measurements, the system reduces implant failure risk, improves patient safety and supports better clinical decisions, all without financial or technological barriers for dentists.

https://visualtech-lab.com/pl/home/



Company: MB AI
Product: Sympa Health

Sympa Health is an innovative digital therapeutics application designed for women with endometriosis and premenstrual syndrome (PMS). The app enables daily symptom tracking, including pain, fatigue and mood, and uses artificial intelligence to analyze patterns and deliver personalized therapeutic recommendations. By combining health management tools, education and psychological support, Sympa Health provides a holistic approach to women's well-being.

What sets Sympa Health apart is its active, AI-driven support available 24/7. Unlike standard cycle trackers, the app dynamically adapts recommendations in real time through an intelligent health communicator that offers education, motivation and behavioral cues. With built-in mental health support, accessibility compliance and data protection by design, Sympa Health goes beyond monitoring to actively support long-term symptom management and quality of life for women with chronic conditions.

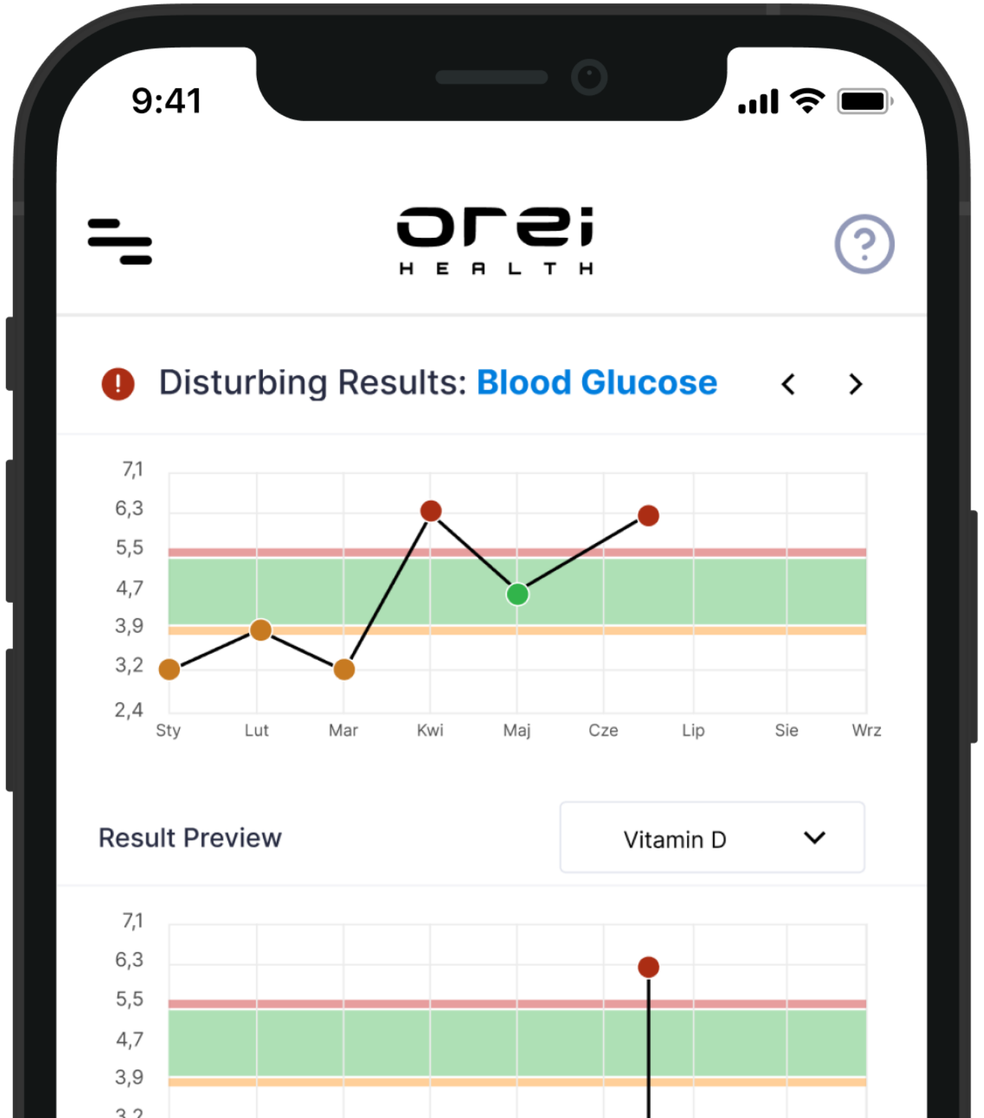
https://sympahealth.co.uk/

Company: Orei Health
Product: Orei One

Orei One is a modern, disposable medical device that enables painless, self-administered capillary blood collection from the upper arm at home, without the need for a laboratory visit. Using a proprietary micro-incision and vacuum mechanism, the device collects a high-quality blood sample that meets venous standards and is safely stabilized for transport. Orei One responds to the growing demand for decentralized diagnostics, improving patient comfort and access to regular testing.

What sets Orei One apart is its unique technology and practical compatibility with existing healthcare infrastructure. The device is minimally invasive, highly reproducible and capable of collecting significantly larger blood volumes than competing solutions, enabling full diagnostic panels. Unlike alternatives, Orei One works with standard laboratory tubes, requires no dedicated cartridges and can be produced at low cost. By combining ease of use, scalability and laboratory readiness, Orei One establishes a new standard for remote blood collection in telemedicine, chronic care and clinical trials.

https://oreihealth.com/



Company: ONCOBAG
Product: OncoBag

OncoBag is an innovative everyday bag designed specifically for women after mastectomy and/or lymph node removal, addressing long-term rehabilitation needs related to lymphatic disorders. Many women experience chronic arm swelling, pain and reduced mobility after breast cancer surgery, while access to comfortable, affordable rehabilitation accessories remains very limited. OncoBag combines daily usability with therapeutic support, helping women return to normal functioning while supporting lymphatic circulation throughout the day.

What sets OncoBag apart is its unique fusion of rehabilitation technology and discreet design. Unlike bulky, home-based devices or expensive compression sleeves, OncoBag is lightweight, fully mobile and designed for all-day wear, offering gentle vibration therapy optimized for lymphatic drainage. As the first solution to combine a functional handbag with active rehabilitation, OncoBag democratizes post-mastectomy care by making effective, long-term support accessible, comfortable and seamlessly integrated into everyday life.

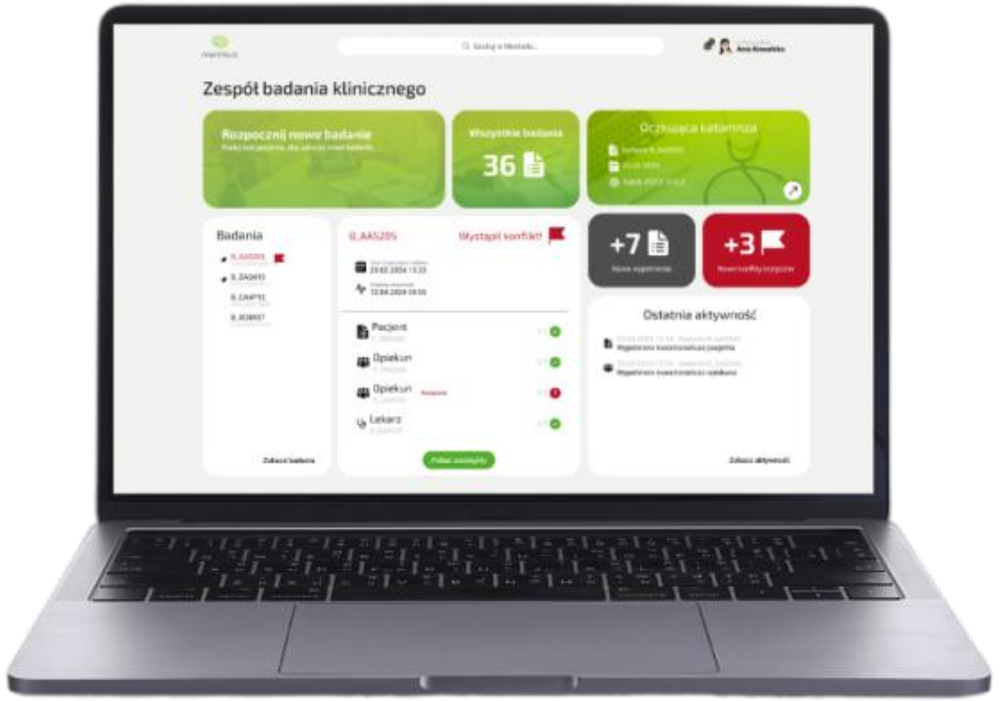
ONCOBAG

https://oncobag.pl/

Company: Mentalio
Product: decision support system

Mentalio is an AI-powered solution supporting diagnostic and therapeutic planning in child and adolescent psychiatry. The system integrates data from three sources: the patient, their caregiver and a mental health specialist, creating a comprehensive clinical picture. Based on this multi-source input, Mentalio analyzes symptoms, risk factors and behavioral context to generate personalized recommendations and indicate the appropriate level of psychiatric care.

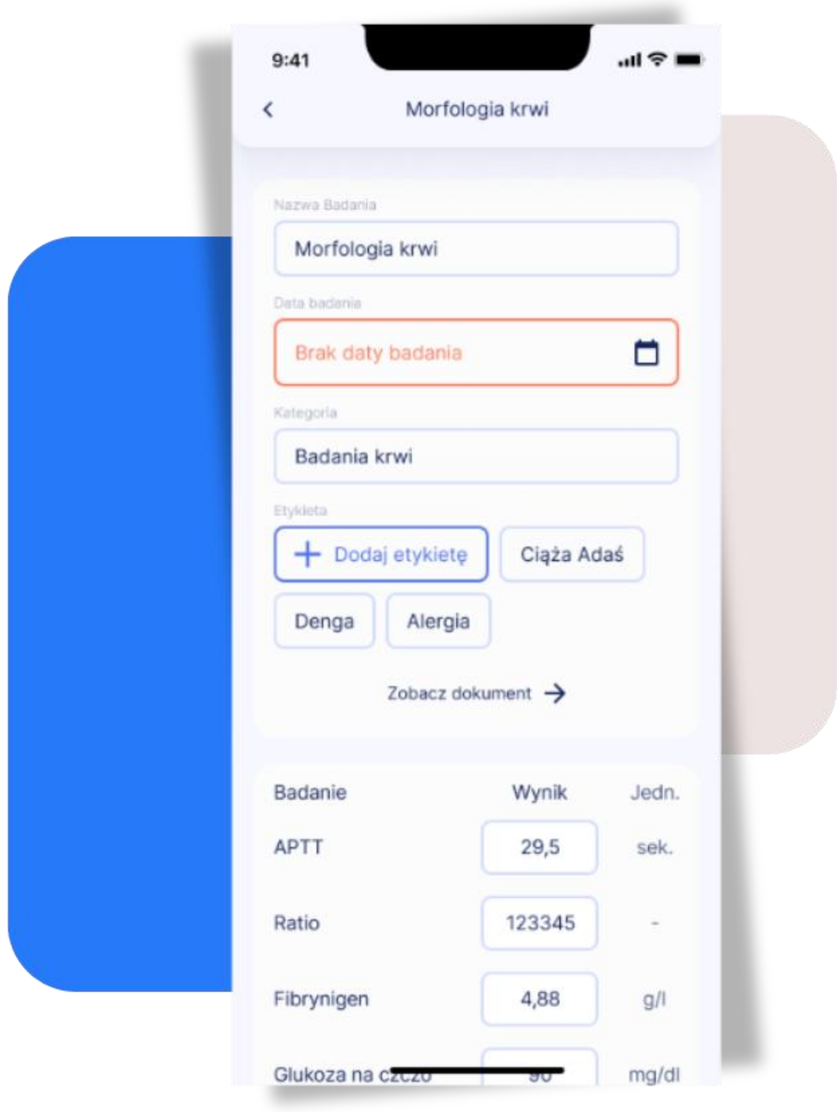
What distinguishes Mentalio from traditional tools is its dynamic, AI-driven psychiatric triage and multi-perspective assessment. By identifying discrepancies between patient, caregiver and clinician inputs, the system helps detect early warning signals that might otherwise be missed. Mentalio accelerates clinical decision-making, shortens time to treatment and improves care accuracy, while its scalable design allows deployment in both clinical settings and preventive mental health programs, such as schools.



https://www.mentalio.eu/

Company: KONKLUDI MED.
Product: Intelligent Health Records IHR

Intelligent Health Records (IHR, Konkludi MED) is a vendor-neutral platform for collecting, structuring and analyzing health data, combining a patient mobile app, a physician web portal and an analytics backend into one shared health profile. The patient app enables scanning documents with OCR, tracking measurements and symptoms, importing data from wearables and managing family profiles. Physicians access structured patient data, pre-visit questionnaires and summaries, while the analytics layer aggregates data, tracks trends and flags deviations.
What sets IHR apart is full-profile transfer between caregivers or doctors, automated conversion of scans into structured medical data, and built-in analytics. The platform integrates with electronic health systems, supports secure cloud or on-premise deployment, and is designed for scalability, privacy and future medical certification.



www.ikzmed.pl

Company: EDOCERA
Product: EDOCERA System

EDOCERA develops an innovative system for stroke prevention and early diagnosis, addressing delayed detection as a key challenge in stroke care. With a limited treatment window and many strokes of unknown onset, only a small proportion of patients receive timely therapy. EDOCERA enables earlier risk recognition, before clear symptoms appear.

The EDOCERA System combines a wearable device with AI-powered software to continuously monitor blood flow in the carotid arteries. Two electrode patches placed on the neck record pulse waveforms for up to 14 days, while algorithms analyze hemodynamic patterns to detect abnormalities associated with vessel occlusion.

What distinguishes EDOCERA is its focus on detecting the cause of stroke rather than late neurological symptoms. Active hemodynamic sensors provide precise, continuous measurements and outperform symptom-based or accelerometer solutions. Early alerts to patients and caregivers can significantly shorten reaction time, improving safety and increasing the chance of timely treatment.

https://edocera.com/

Company: ACCREA Medical Robotics
Product: CSR – Core Surgery Robotics

CSR – Core Surgery Robotics is an innovative robotic surgery platform by ACCREA Medical Robotics, supporting minimally invasive procedures. The system includes three AVROS surgical arms, with AVROS-P providing passive stabilization for cameras and instruments, eliminating vibrations and micro-movements. Intuitive controls allow surgeons to reposition tools instantly, while modular AVROS-A4 and AVROS-A7 arms adapt to different procedures and operating rooms.

CSR stands out for its precision, accessibility, and affordability. Fully compatible with commercial laparoscopic instruments, using sterile disposable drapes, and mounted on a mobile column, it delivers premium surgical support in a compact, modular, and cost-effective package. Its vibration-free stabilization, real-time repositioning, and open compatibility make robotic surgery accessible even for smaller hospitals and outpatient centers.

https://www.accrea.com/

Company: Nieamputuj.pl
Product: A mobile application

Nieamputuj is an innovative mobile application designed to help individuals with Diabetic Foot Syndrome monitor their foot health daily. Using a smartphone camera, users can take photos of their feet, and advanced artificial intelligence instantly analyzes wounds, ulcers, and other abnormalities. The app provides practical guidance and preventive recommendations to reduce the risk of new injuries and lower the likelihood of amputation.

Nieamputuj stands out for its accessibility, real-time AI analysis, and privacy. It works entirely on a smartphone without specialized equipment, features an intuitive interface suitable for all ages, and does not require personal data. The app also supports remote healthcare consultations, enabling timely interventions and guidance from medical professionals.

The application combines monitoring, education, and personalized care advice. By promoting early detection and preventive care, Nieamputuj helps patients and their families improve foot health, accelerate healing, and enhance quality of life. Its integration of AI, simplicity, and privacy makes it a breakthrough tool in managing diabetic foot health.

https://nieamputuj.pl/

Company: Krzysztof Lis
Product: VelesLabs

VelesLabs – AI Platform for Medicine is a next-generation healthcare solution that streamlines clinical documentation and supports real-time decision-making throughout the patient care journey. The platform records patient encounters (with consent), transcribes conversations, and automatically generates structured clinical notes tailored to specialty and local language. Advanced AI analyzes medical history, lab and imaging results, and highlights gaps in documentation, assisting physicians before, during, and after consultations.

What sets VelesLabs apart is its continuous, context-aware support, including pre-visit intake, live guidance, post-visit summaries, follow-ups, and alerts for anomalies. The system also supports education, research, and pharmacovigilance while ensuring privacy with limited audio retention, anonymization, and on-device processing. By combining all these functions in a single, modular platform, VelesLabs enhances efficiency, accuracy, and compliance, bridging clinical practice, AI-driven insights, and healthcare innovation.

VelesLabs

https://www.veleslabs.io/

Company: Tussis
Product: CoughAPP

CoughAPP is an innovative, non-contact health monitoring system that automatically analyzes a patient's cough in real time. Using advanced artificial intelligence algorithms, the system detects and classifies cough sounds, enabling early identification of respiratory conditions such as asthma, chronic obstructive pulmonary disease, and viral infections. The system operates passively, requiring no wearable devices, and is a market-ready product awaiting certification as a Class I medical device under European regulations.

What sets CoughAPP apart is its real-time, non-invasive monitoring that works without user intervention, making it suitable for both children and elderly patients. Unlike competitors that require wearable sensors, manual calibration, or active use of a mobile app, CoughAPP immediately generates alerts for suspicious cough patterns, allowing fast medical response. The system is designed for flexible deployment in healthcare facilities and private homes, offering both business-to-business and direct-to-consumer applications.

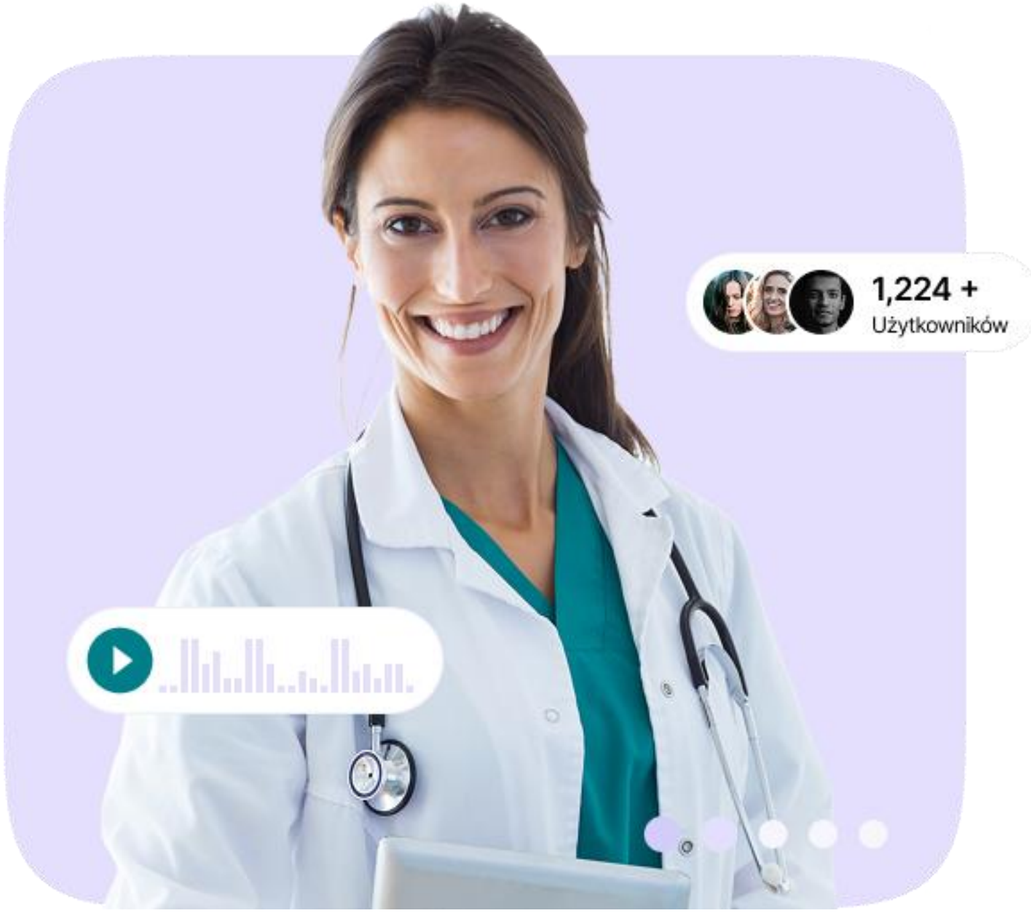
https://tussis.pl/

Company: CORAZ ZDROWIEJ
Product: Cora AI

Cora AI is an advanced medical documentation solution that automatically converts doctor–patient conversations into structured clinical notes in real time. The system is built on proprietary speech recognition and language understanding technology developed specifically for medical environments, allowing it to generate accurate documentation adapted to different clinical specialties, including physiotherapy, cardiology, pulmonology, and dentistry. Cora AI has been successfully piloted in public hospitals and private clinics, already processing over 5,000 hours of medical conversations and reducing consultation time by up to 70%.

What makes Cora AI unique is its combination of full local data processing, strong data protection mechanisms compliant with European privacy regulations, and seamless integration with electronic medical record systems using global interoperability standards. The solution includes an original medical data summarization and structuring engine that extracts key clinical information such as symptoms, medications, and medical history. This combination delivers a level of security, flexibility, and interoperability that is not available in other domestic and many international solutions.

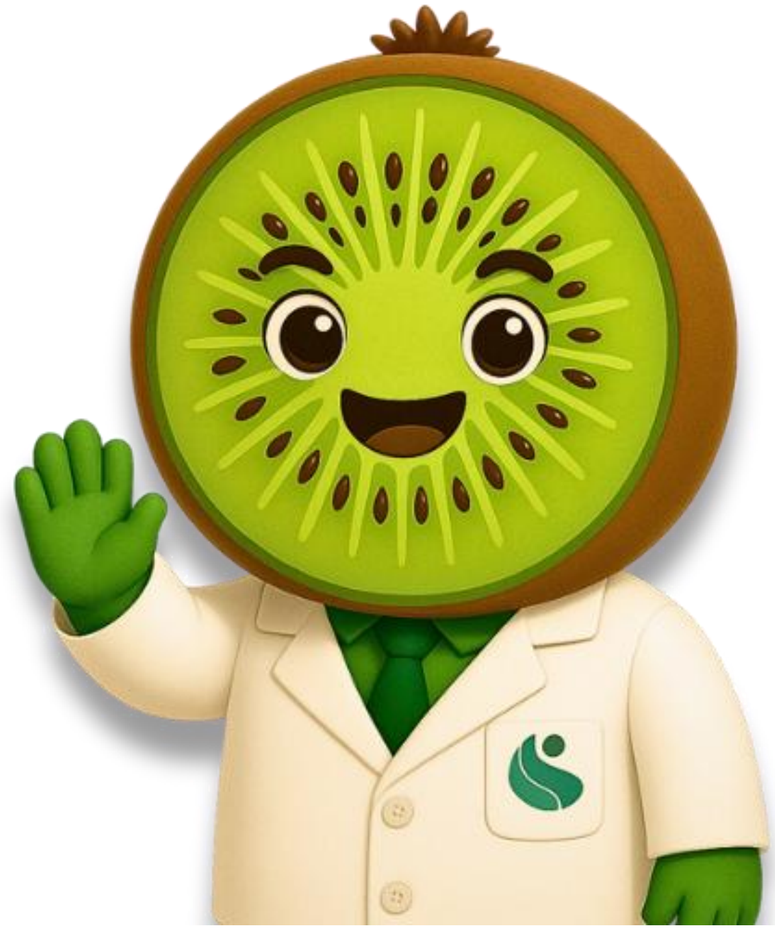
https://hicora.ai/pl



Company: Keep It Healthy
Product: Health 360

Health 360 for Companies is a technology-driven B2B wellbeing platform designed to actively improve employee health while reducing absenteeism, productivity loss, and burnout. The solution provides each employee with a personalized 12-month prevention and supplementation plan based on scientific evidence and individual lifestyle needs. The platform is supported by a mobile application and the AI assistant Dr. Kiwi, integrated with corporate communication tools such as Microsoft Teams and Slack, which proactively reminds, educates, and motivates employees to build long-term healthy habits.

What makes Health 360 for Companies stand out is its shift from passive employee benefits to proactive health management. The solution introduces full personalization in a market dominated by one-size-fits-all wellness programs and actively engages employees through intelligent, automated support. By combining prevention planning, technology, education, and expert Health Concierge services into one cohesive ecosystem, Health 360 delivers measurable and sustainable value for both employees and employers.



https://www.keepithealthy.pl/zdrowie-360