Global No. One & Only One

A mobile auscultation and AI diagnostic company powered by 250,000 medical records

AI screening technology for pulmonary and cardiac diseases through respiratory and heart sound analysis using only a mobile device

2025.06.30 v1.2

Investment Highlight

A Medical AI Company with a Proven Early Profit Model

Breakthrough accuracy exceeding 95%, based on 250,000 clinical data cases

World's first mobile-only sound-based medical AI diagnostic solution

Foundation for continuous data collection and Proof of Concept (POC) validation

First in the world to obtain mobile software medical device certification by 2025

On-device deployment planned by 2026

DOCTORS BIOTECH'
AI Powered Diagnosis

app.download

A Specialized Provider of Affordable AI Disease Screening and Solutions

Keyword

#AIMobileStethoscope

#RespiratorySoundAI

#RemoteMedicalCare

#MedicalAI

#HybridAI

#AIhelthcare

Potential & Opportunity

Lack of Real-Time Disease Monitoring & Delays in Emergency Response

▼

By 2032, the global AI healthcare market is projected to reach KRW 891.7 trillion (CAGR 37%)

By 2030, the domestic AI healthcare market is expected to reach KRW 9.3 trillion (CAGR 50.8%)

The current AI healthcare market is heavily focused on image-based diagnostic assistance within hospitals

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There is strong Potential & Opportunity in the blue ocean of AI-based non-image diagnostics and affordable diagnostic support outside traditional hospital imaging systems.

Corporate Identity

Mission_ **A Company Offering Accessible AI Disease Screening Services**

Vision_ **Pulmonary and cardiac disease screening via smartphone MIC, with additional condition and behavior analysis using the phone's camera**

Core Competence

No. One & Only One AI Solution for Sound/Vibration Interpretation (App.)

- Developed and applied an AI model for detecting abnormal respiratory sounds
- Completed development of AI mobile stethoscope app
- **194,483 cumulative auscultation records (as of May 20, 2025)**
- **Diagnostic accuracy: 95% (Accuracy: 95.7%, ICBHI Score (consistency): 95.9%)**
- **Medical device certification expected by 2025**

Intellectual Property (IP) Application Status

- Device and control method for identifying abnormal respiratory sounds based on an artificial intelligence network (Korean Patent Application No. 10-2023-0123687)
- System for determining abnormalities in respiratory vibrations using a mobile device (Korean Patent Application No. 10-2025-0006688)
- Device for capturing and analyzing respiratory vibrations using artificial intelligence, and its control method (Korean Patent Application No. 10-2025-0006691)

Core BM

Step 1_ App Service: Basic mobile app / kiosk
+ SaaS-based service offering (B2B, B2G)

Step 2 - Professional Solution Development: Hospital-tailored solutions (software) and medical devices (B2H2C - Business to Hospital to Consumer)

Step 3 - Mass Adoption & Data Business Model: Data-driven services, affordable medical devices, and ODA (Official Development Assistance) (B2C)

Driving continuous data learning and proof-of-concept, with a proven early profitability model

Corporate Information

CEO: Sungwoo Nam, Pediatric Specialist Vice Chairman of Woori Children's Medical Foundation

Incorporation: July 2021

Capital: KRW 110 million | **Net Assets:** KRW 600 million

Shareholding Structure: Among 8 shareholders, 7 are special affiliates of the CEO, holding 20,890 shares (93.9%) as friendly ownership

Reference

Ministry of SMEs and Startups (Jun 2025 - May 2028)

└ **Selected for the 2025 TIPS R&D Deep Tech Track**

Seoul Business Agency (Sep 2024 - Aug 2025)

└ Demonstration project for an AI-based respiratory disease remote diagnosis system (location: Guro-gu Senior Welfare Center)

Korea Health Industry Development Institute (KHIDI) (Apr 2025 - Dec 2029)

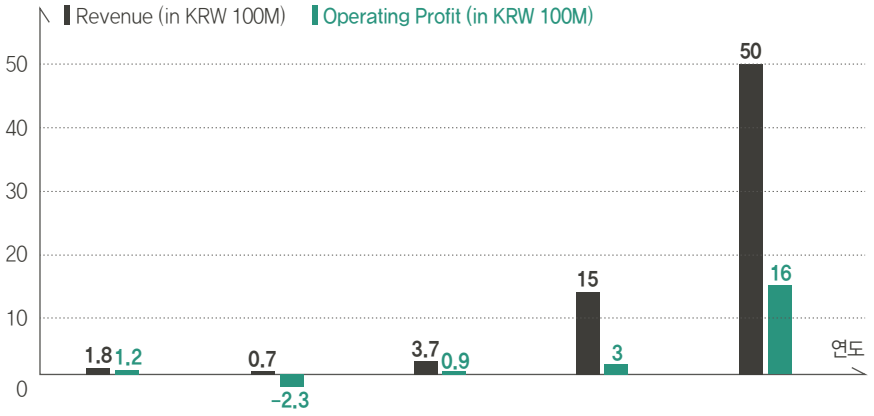
└ Development and pilot of multimodal medical data-based AI healthcare services

Korea Data Agency (Jun 2023 - Nov 2023)

└ Preprocessing of pediatric respiratory sound data for AI model development

National IT Industry Promotion Agency (NIPA) (Apr 2023 - Nov 2023)

└ Development of a deep learning algorithm for abnormal respiratory sound analysis



	2023	2024	2025	2026	2027
Valuation (Pre / Post Value)		**₩ 5 billion** **₩ 10 billion**	**₩ 10 billion** **₩ 20 billion**	**₩ 20 billion** **₩ 30 billion**	**₩ 30 billion** **₩ 50 billion**
Attract Investment		Seed 0.3 billion └ 2024.11.	Seed 0.2 billion └ 2025.03. +0.5 billion └ Raised through strategic investment	+Series A_ 2 billion └ Expand R&D efforts └ Internalize development capabilities └ Pursue global market expansion	+Series B_ 5 billion └ Develop next-gen diagnostic devices └ Accelerate global exports
Positive Event		**SBA Demonstration Project**	**Medical Device Certification** **Deep-Tech TIPS Program (₩1.5 billion)**	Hybrid AI 2026 CES Hospital-Linked Solution	Affordable Diagnostic Devices Overseas Export Real-Time Monitoring