

Hyungjin Cho

Curriculum Vitae

Founder & CEO
SALTED Co., Ltd., Korea



Educational Background & Professional Experience

2025–Present	Member, Generative AI Medical Device Expert Council, Ministry of Food and Drug Safety, Republic of Korea
2015–Present	Founder & CEO, SALTED Co., Ltd.; leading development and commercialization of NEUROGAIT, an AI-powered smart insole-based medical device for gait, balance, and functional assessment
2015	Founded SALTED Co., Ltd. as one of the first Samsung C-Lab spin-off companies
2012–2015	Project Leader, Samsung C-Lab, Samsung Electronics; led IOFIT smart insole project and developed one of the world’s first smart insole-based healthcare solutions
2007–2012	Semiconductor Design Research Engineer, Samsung Electronics
2022–Present	KAIST Executive MBA program
2007	B.S. in Electronic Engineering, Kyung Hee University, Republic of Korea

Research Interests

Digital biomarkers for gait and balance; AI-powered functional assessment; osteoporosis, sarcopenia, and post-fracture care; fall-risk assessment; wearable medical devices; remote rehabilitation and Fracture Liaison Service support.

Publications / Research Outputs

1. NEUROGAIT: AI-powered smart insole-based platform for gait, balance, lower-limb function, and SPPB-related physical performance assessment.
2. Development and clinical implementation of smart insole-based wearable medical device technology for digital functional assessment.
3. Research collaboration and data platform development for gait analysis, sarcopenia assessment, post-fracture recovery monitoring, and AI-based movement analysis.
4. Patent and technology development related to smart insole sensors, plantar pressure analysis, and functional movement assessment.

