

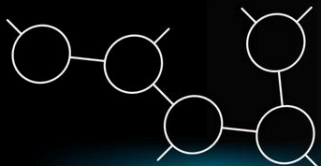


Digital Health

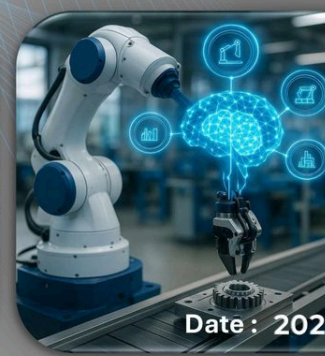
AI AND DATA FOR SMART HEALTH CARE INNOVATION

GB LABS

Leading Medical Innovation through AI & Big Data Ecosystem



Submitted to : A Domestic Listed Company



Date : 2026.09





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Thank GB LABS





GB Labs & GBI Co.,Ltd



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Leadership/CEO's Message

Medical

1. CEO'S MESSAGE / LEADERSHIP

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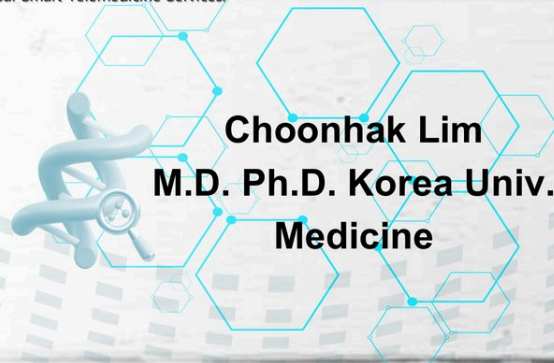
CEO's Message

GB LABS was founded to develop an innovative telemedicine platform based on more than 10 years of accumulated IT service expertise in 'HIS, FinTech, VR & AR' and telemedicine system development and operation technologies such as 'MDT (Medical Discussion & Treatment service)' and 'RSMS (Remote Screening & Medical Service),' providing telemedicine services both domestically and internationally, and to shift existing treatment-centered healthcare toward AI-based prevention and management, delivering individual-driven healthcare services.

Due to regulatory limitations on domestic telemedicine services, we have launched telemedicine businesses targeting Southeast Asia and Africa, regions with inadequate healthcare infrastructure, contributing to expanded healthcare access and improved medical standards in those countries, while accumulating technology and know-how through telemedicine services with the goal of becoming a leader in AI-based 'Global Smart Telemedicine Services.'



MESSAGE FROM
WE THE CO-FOUNDER
GUIDES



Choonhak Lim
M.D. Ph.D. Korea Univ.
Medicine





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CORPORATE LEADER: Leadership



Technology Innovation Grounded in Medical Expertise

CEO Choonhak Lim is a medical expert who graduated from Korea University College of Medicine and holds a doctorate in medicine (Ph.D.). This academic depth and clinical background allow GB LABS to go beyond simple technology development, building highly advanced technology solutions grounded in medical validation and expertise as a core strength. By combining medical insight with technology, we enhance product reliability and secure differentiated competitiveness in the market.

Value Creation Based on Medical Expertise

The CEO's medical expertise and deep understanding of digital healthcare are a powerful driving force turning GB LABS' future vision into reality. This knowledge goes beyond mere technology development, playing a key role in setting the advanced service standards required in real clinical settings. Going beyond simple digitalization, we continuously improve the essential quality of healthcare services, building an innovative healthcare ecosystem trusted by both patients and medical staff.

Digital Healthcare Innovation Leader

GB LABS regards the CEO's diverse medical experience and professional network as core assets. This enables us to identify real user needs in the rapidly changing telemedicine market and to present digital healthcare solutions that go beyond technical limitations. By translating rich field experience into an innovative business model, GB LABS is solidifying its position as a strategic leader shaping the future of the medical industry, well beyond being a mere technology company.

Leading the Global Smart Healthcare Ecosystem

Based on CEO Choonhak Lim's strategic leadership, GB LABS is leading the way in transforming the global paradigm of medical technology, well beyond the domestic market. Going beyond simple technology distribution, we are concentrating our R&D capabilities on building a borderless global smart healthcare system. This challenge not only elevates the standing of Korea's medical IT industry, but also contributes to realizing universal healthcare welfare through advanced technology. Through continuous innovation, GB LABS is emerging as a globally trusted healthcare partner.



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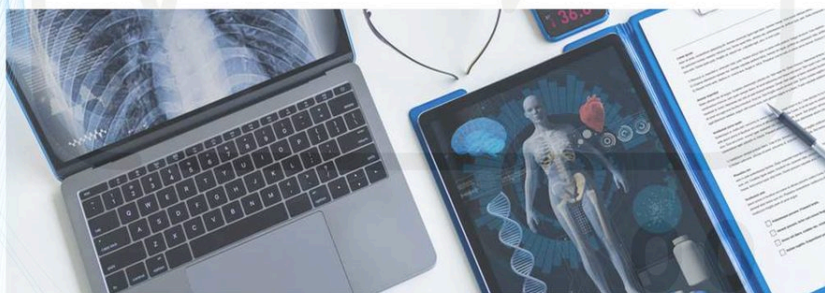
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Empowering Teams



Key Management



Steven Chung



COO /
Indonesia GBI CEO

Matthew Shin



CFO / CPA
Chief Executive Officer

PhD. Leo



CTO /
irmingham University

Taufan Eko



Chief Advisor/GBI
Vice Chairman Of Bakrie Group

PhD. Ping Sun



AI/Advisor /Senior
AI Data Scientist AstraZeneca

Dr. Parlindungan



Senior Advisor
Former senator of Sumatra



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2. Company History & Goals

- ✓ Faster Innovation Cycles
- ✓ Enhanced Personalization & Customer Engagement
- ✓ Increased Efficiency & Cost Reduction
- ✓ Scalability for Global Operations

Digital Health

Core Technology-GB LABS & GBI



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Company History & Background



COMPANY PROFILE

2017.11

Initiated development of digital health platform technologies (S/W, H/W, RMC devices, etc.)

2019.10

GBI Korea Headquarters Established

2020.01

GBI Indonesia Local Subsidiary Established
MEDSENSE Service Launched

2021.10

Launched Digital Health System across Banjarnegara Police Stations and Schools

2021.09

DIGIDOC COVID Clinic Operated

2021.08

Signed Agreement with ATENSI (National Agency for Disaster Management)

2021.10

DIGIDOC, MEDSENSE Applications Released

2022.01

Signed Agreement with Gadjah Mada University Hospital

2022.05

Signed Agreement with Indonesian KADIN Chamber of Commerce

2022.04

Opened DIGIDOC Direct-Managed Clinic
Opened Offline Aesthetic Clinic (EONNI)

2022.08

Signed Agreement with Korea University Medical Center and Korean Association. Registered for Foreign Patient Attraction

2022.10

DIGIDOC Application iOS (iPhone, iPad) Version Released

History of GB Labs



Overview GB Labs :History

- GB LABS has more than 10 years of accumulated expertise in IT services, including HIS (Hospital Information Systems), FinTech, and VR/AR technology. In particular, we innovate the healthcare environment by developing and operating telemedicine systems (MDT and RSMS), and provide personalized health management services powered by AI technology.
- We are shifting existing treatment-centered healthcare toward prevention- and management-centered care, promoting an individual-driven approach to health. Through this, we present a new paradigm for healthcare services and pursue the creation of social and economic value.
- We have begun telemedicine services in Southeast Asia and Africa, running our business with the goal of improving healthcare standards and expanding access in countries with inadequate health infrastructure. Building on this expertise and experience, we aim to become a leader in AI-based global smart telemedicine services.





3. Core Business Approach

Realizing Global Health Equity through
Compassionate Technology

3-1

DIGIDOC Brand Introduction

3-2

Understanding Digital Healthcare

3-3

Medical Big Data Infrastructure Technology

3-4

Global Network & Partnership Projects

3-5

DIGIDOC Offline Expansion



Thank GB LABS





3-1. DIGIDOC Brand Introduction



BRAND INTRODUCTION

Leading the Global Smart Telehealth Solution

GB LABS provides personalized healthcare utilizing AI technology through IT service technology and a medical collaboration service and telehealth system foundation of over 10 years, and aims to be a global leader in the smart telehealth field.

Providing Innovative Healthcare to Medically Underserved Regions

By developing telehealth medical services focused on Southeast Asian and African regions where the medical environment is poor, we are improving medical accessibility and treatment outcomes and contributing to the health promotion of medically underserved groups.

Establishing a Prevention and Management-Centered Medical Paradigm

By converting existing treatment-centered medical services to an AI-based prevention and management-oriented approach, we are expanding the personalized healthcare ecosystem and leading global medical innovation.



3-1. DIGIDOC Brand Introduction



BRAND INTRODUCTION

01

Personalized AI Medical Platform

Provides personalized health solutions based on user data, and creates an optimal health management environment through bio-data analysis.

02

Necessity of Future Medical Systems

In a rapidly changing medical environment, AI-based technologies can enhance the efficiency and accessibility of medical services and bridge the health gap.

03

Benefits of an Innovative Approach

It solves the problems of existing healthcare and supports a healthier life by providing prevention-centered medical care.

BRAND
INTRODUCTION
DOX





3-1. DIGIDOC Brand Introduction

Digital Health
escalator

BRAND INTRODUCTION



Limitations of the Existing Medical System

The existing medical system adopts a standardized approach and has limitations in sufficiently reflecting individual patient characteristics and diverse requirements.



Problems with Information Overload

Due to the provision of excessive information, patients may experience confusion in the medical process, and the efficiency and accuracy of medical services may decrease.



Importance of a Personalized Approach

The necessity for an optimized, customized medical platform based on each patient's medical level, characteristics, and goals is emerging.



3-1. DIGIDOC Brand Introduction

1. Digital Healthcare Ecosystem

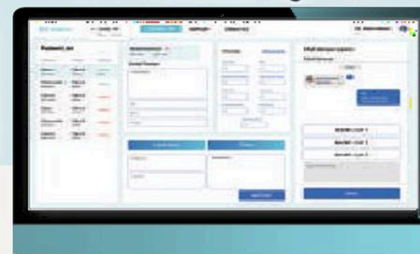
Collecting data from all types of digital medical devices, DIGIDOC technology builds medical big data through RMC and DIGIDOC EHR systems.

Digital Health Eco-system
DIGIDOC

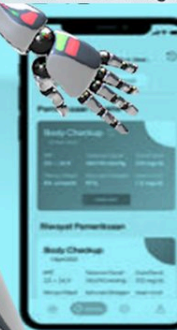
Remote Medical Care (RMC) Medical Device



Doctor Web Program



Doctor Web Program



Doctor APP



Cloud system



 **DIGIDOC**

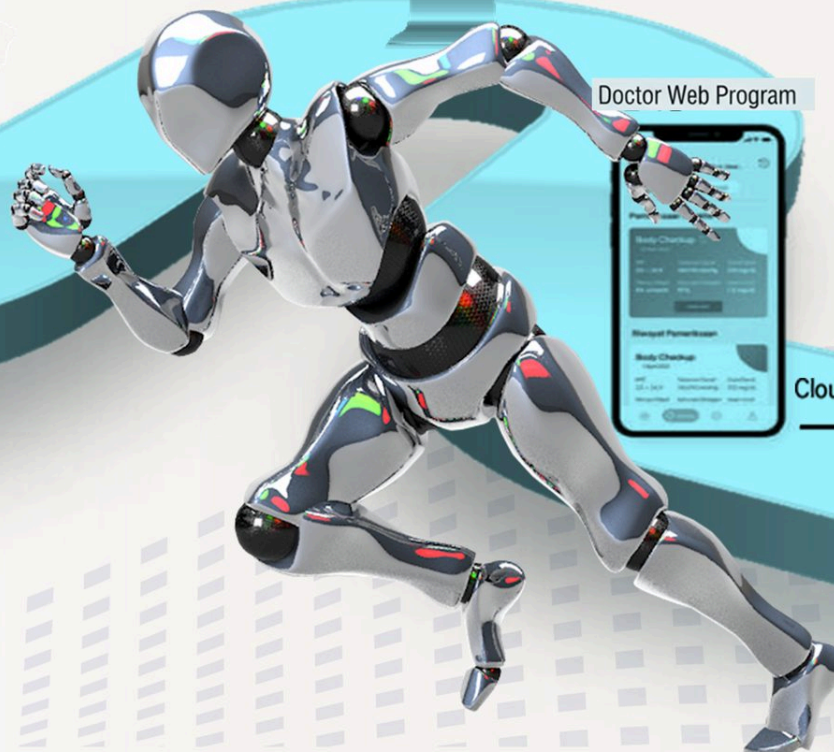
BRAND INTRODUCTION

VISION

- Healing & Recovery: We help people with low access to medical facilities heal and recover by remotely providing our professional healthcare services.

VALUE

- Sharing & Care: We operate a sponsorship system for medically underserved communities, practicing the sharing of healthcare benefits to contribute to a healthy global society.



3-2. Understanding Digital Healthcare

The Rise of Smart Machines

GB LABS will build an advanced medical service model that reflects market needs in the digital healthcare service platform enabling global remote consultation and treatment, and deliver quality global healthcare services.

- 1. Advancement of Digital Healthcare Technology
- 2. Surge in Medical Data
- 3. Healthcare Industry Classification
- 4. Market Size & Key Sectors

Tech-AI Innovation



Concept & Definition of Digital Health

Definition | Digital health as a convergent, intelligent medical solution

- International bodies such as the WHO, FDA, and OECD currently use the official term "digital health"
- The WHO defines digital health as a field encompassing technologies ranging from big data and genomics to artificial intelligence and advanced computing science
- Digital health is a broad concept encompassing e-health, u-health, mobile healthcare, and smart healthcare (IITP, 2020)
- An industry field covering personal health and medical information, medical devices, medical systems, and medical services — a comprehensive healthcare service converging health information and IT

Wired

Telehealth

e-health

Wireless

m-health

u-health



Source: Requested from the Creative Economy Research Institute, IITP (2020)

The Need for Digital Healthcare

- Social changes such as demographic shifts, rising healthcare costs, and the popularization of smart devices are driving patient and consumer demand for digital healthcare (Health Policy Research Institute, 2020)
- Digital healthcare is emerging due to rising social needs, shifting healthcare service paradigms, technological advancement, and growing medical data (IDC, 2018)

Rising Social Needs

- Increasing healthcare cost burden due to an aging population and rising chronic disease rates,
- Growing health awareness across all age groups due to improved living standards and rising income
- The need for digital health has surged due to the COVID-19 situation
- Half of adults worldwide have a chronic disease, with related spending projected to reach 47 trillion (KRW) by 2030



3-2. Surge in Medical Data



Shift in the Healthcare Service Paradigm

- 1) A shift from treatment-centered care after disease onset to prevention-centered care where consumers manage their own health
- 2) Growing interest in monitoring specific biosignals amid an atmosphere emphasizing prevention for healthcare cost purposes, health awareness, and lifestyle habits (Health Policy Research Institute, 2020)
- 3) The use of big data driven by technological advancement is making visible the ideal "4P" model of medicine: Precision Medicine, Preventive Medicine, Participatory Medicine, and Predictive Medicine
- 4) Evolving from past medical products into platforms that integrate various personal medical data and services, and further into intelligent medical solutions that combine information and systems in real time (medical products → medical platforms → intelligent solutions)

* Smart healthcare, born from the convergence of IoT, cloud computing, big data, and AI with healthcare, is transforming the existing healthcare industry ecosystem, shifting from past treatment-centered care to prediction- and prevention-centered care (treatment → prevention-centered)

* Attention turned to medical AI technology after it became known that the AI platform BlueDot was the first to recognize the risk of COVID-19



- Groundbreaking advances in ICT infrastructure such as IoT, wearable devices, and big data, alongside the technical maturation of medical technology
- Expansion of participants: the healthcare industry, once centered on medical device makers, pharmaceutical companies, and medical institutions, is expanding its ecosystem into mobile OS providers, telecom carriers, and wearable device makers as IT technology advances

*Orange Telecom (a French telecom company) has expanded into Spain, the UK, Africa, and elsewhere with its "Orange Healthcare" platform

- Convergence: traditional healthcare industry players (medical device makers, pharmaceutical companies, medical institutions, etc.) can pursue new businesses leveraging their existing customer base, distribution, infrastructure, and network strengths

Digital Healthcare Industry Ecosystem

System/Service Providers

— Extended/Enhanced New Areas from Existing Healthcare Industry

System Users

Medical Devices

- Bio
- Measurement/Recording Equipment
- Monitoring Equipment

Mobile OS

- Mobile Apps
- Security Programs
- Machine Learning

Teleco/Carriers

- Communication Networks
- Solutions
- Smart Home



Patient

Wearable Devices

- Bio
- Measurement/Recording Equipment
- Monitoring Equipment

Pharma/Medical Institutions

- Bio
- Measurement/Recording Equipment
- Monitoring Equipment



General Public





3-3. Industry Classification of Digital Healthcare



- The volume of medical data grew roughly 50-fold, from 500PB in 2012 to 2,500PB in 2020, making medical data analysis and utilization a major issue (IDC, 2020)
- Along with finance, healthcare is one of the industries that generates the most data; according to IBM (2014), the data an individual generates over a lifetime amounts to about 1,106.4TB (Global S&T Policy Information Service, 2020)
- *The data a person generates in a lifetime consists of medical data (0.4TB, 10% health impact), genomic data (6TB, 30% impact), and external data such as behavior patterns and socioeconomic factors (1,100TB, 60% impact) (IBM)
- Data from smartphones, wearables, and personal genetic information is medical data generated by patients themselves rather than medical professionals — i.e., Patient-Generated Health Data (PGHD) (Choi Yoon-sup, 2020)

Classification of Health-Related Data by Use and Management Entity (KEIT, 2020)

My Data (PHR, Personal Health Record)	• Genomic data generated by genetic analysis institutions • Treatment, test, and imaging records generated by medical institutions (EMR Data) • Lifelog Data (PGHD) generated from smartphones, wearable devices, and personal health devices (thermometers, blood pressure monitors, etc.)
Public Health & Medical Big Data	• Public data, IBB (including CDW), and other data (including CDM)

Hardware	Finished Products	• Finished Products (KFDA approval required) • Wellness Devices (Wearable/Monitoring)	Gateways, Blood Glucose Meters, Blood Pressure Monitors, Thermometers, Body Composition Analyzers Smart Devices with Specific Body Composition/Fat Measurement and Medical Sensor Integration, Point-of-Care Testing Devices
	Components	• Components, Devices	Reagents, Biosensors, Display Devices, Communication Devices
Software	Contents	• Health Information App (Provides General Info) • Personalized Health Management App (Collects Personal Data)	Wellness App, Information & Content Delivery Service App Personal Health Record (PHR) App, Fitness or Exercise Management App
	Platform	• Medical Equipment Management Platforms	Medical Equipment Management Platform / EMR, EHR (*): Personal Health Data Management Platforms
Services	Diagnostic Services	• Diagnostic Services	In Vitro Diagnostic Services, Genetic/Genomic Analysis
	Health Management Services	• Health Management	Personal Health Checkup Services, Personal Health Record (PHR) Services, Targeted and Customized Services, Senior Health Management Services, Telemedicine Services
	Remote Medical Services	• Remote Medical Services	Health Management Portal Services, Remote Consultation, Remote Monitoring

Source : Industrial Research Institute (2016)

Classification of Medical Data

The digital healthcare industry is

- 1) Hardware
- 2) Software
- 3) and Services,

and within each major category, further divided into

- 1) Personal health management devices
- 2) Wellness devices
- 3) Content (management apps)
- 4) Platforms
- 5) health management services, and so on

(Korea Institute for Industrial Economics & Trade, 2017)



3-4. Market Size & Key Sectors



- The global digital health market is projected to grow from \$169.7 billion in 2018 at a CAGR of 15.5% to reach \$392.0 billion by 2024 (Markets and Markets)

*Related apps alone number about 30,000, more than double the figure from five years ago

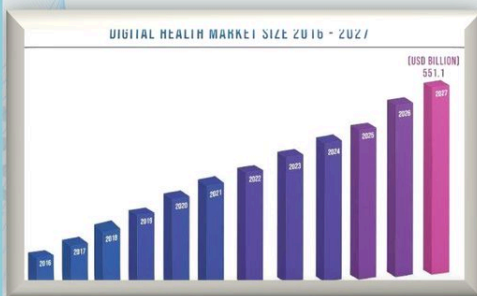
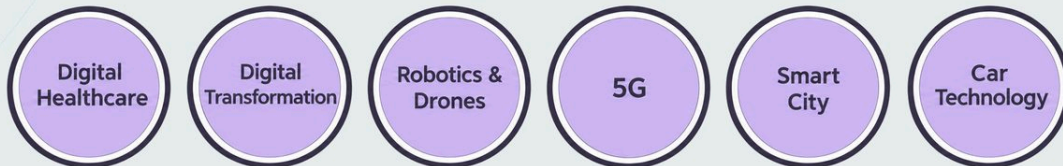
- Due to COVID-19, demand for at-home self-testing and non-face-to-face care (hardware, software) is expected to continue rising (BCG, 2020)
- By region, North America (49%) and Europe (29%) accounted for 78% of the total 2018 market, making them the main digital health markets, while Asia accounted for 16% (with growth potential)

Global Digital Health Market Status

- CES 2021* again highlighted digital health as a key theme, forecasting that AI and related technologies would lead digital healthcare, especially in light of COVID-19

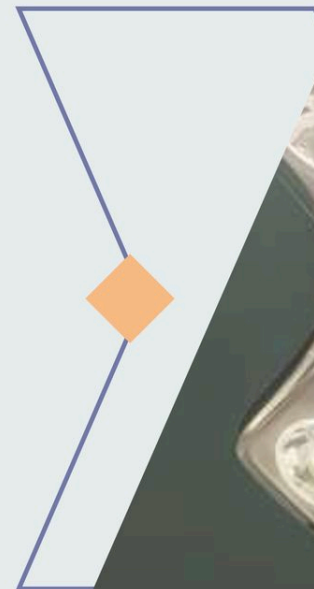
Key CES 2021 Keywords

(CES 2020 keywords: digital therapeutics, AI, smart homes, etc.)



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- The digital health market size is estimated to reach \$551.1 billion (KRW 551 trillion) by 2027.
- In 2020, North America accounted for about 39% of
- the market by revenue share, driven by a growing elderly population and rising chronic disease prevalence across the region.
- Asia-Pacific, due to increased spending on healthcare infrastructure and software to raise public awareness, is expected to see the fastest growth during the forecast period.
- By component, services accounted for the largest market revenue in 2020, taking up nearly half of the market share, driven by a substantial increase in software upgrades.
- Software accounted for nearly 36% of total market value, and demand for medical software, fitness apps, and various medical analytics platforms is expected to drive strong growth in the coming years.
- In 2020, mHealth led the market globally and captured more than 47% of revenue share, driven by rising internet and smartphone penetration worldwide.
- Health analytics is expected to be the fastest-growing segment during the forecast period, driven by the advancement of analytics platforms.



3-5. Big Data-Based Medical AI Expected to Lead Digital Healthcare



CES 2020 Digital Health Trends

- 1) AI-based innovation (diagnosis, treatment recommendations, monitoring, preventive medicine, analytics)
- 2) Voice Management
- 3) Personalized Management
- 4) Consumerization of Healthcare (ClearUP Sinus Pain Relief, Binah.ai)



Key Digital Health Technologies

Category	Key Details
Artificial Intelligence (AI)	- The role of AI is rapidly expanding due to the need for precision medicine and cost reduction. - AI can drive innovation across the healthcare industry, from workflow management and diagnosis to automation, increased productivity, and improved diagnostic accuracy.
Internet of Things (IoT)	Used in healthcare for telemedicine, wearable devices, hardware monitoring, and more.
Blockchain	A distributed computing-based technology that prevents data tampering and enables secure exchange of personal data between patients and doctors or healthcare institutions.
Robotics	- Demand for medical assistance and automated robots is increasing to improve healthcare productivity and reduce routine tasks. - Support robots for surgery, patient care, research, and transportation.

Source: Hackernoon(2019), Technical trends to implement in healthcare in 2019, Reproduced from Institute of Health Policy and Management (2020).

Market | The global AI-enabled medical devices and services market is projected to reach USD 45.2 billion by 2026, approximately 9 times larger than in 2020 (Markets and Markets).

“Machines cannot replace clinicians, but clinicians who use AI can replace those who do not.”
(Antonio Di Ieva, The Lancet)

- As it became known that BluDot (a Canadian AI platform) was among the first to identify the risk of COVID-19, attention focused on AI technology (Institute of Health Policy and Management, 2020).
- By 2021, AI technology was expected to be applied more broadly to diagnosis, disease tracking, prediction, and patient management (BCG, 2020).
- In 2018, the global AI healthcare market was USD 2.1 billion, relatively small compared with other digital health sectors, but it was expected to grow rapidly at an annual rate of 50% and reach USD 36.2 billion by 2025.
- Allied Market Research expects the global medical AI software market to grow substantially to USD 8.6 billion by 2025.



3-6. Digital Therapeutics (DTx)

Digital Therapeutics (DTx):

Applications | AI technology is being actively applied across various fields including precision diagnosis of medical imaging, drug development, improvement of clinical processes, medical robotics, virtual nursing, and prevention of prescription errors (Kim Jong-ho, 2020)

*Carrie Harrigan, CTA Director: "AI will advance the digital healthcare field, and deriving diagnostic results through AI is expected to reduce social costs"

- AI-based image recognition and the development of high-performance, low-cost diagnostic devices (hospital solutions), digital therapeutics (DTx) and non-face-to-face care (personal health management), and shortening the entire drug development process through AI and big data
- Pharmaceutical companies face declining profits due to R&D productivity issues, rising average costs to commercialize new drugs, high pipeline attrition rates, and longer average clinical cycles

- Definition: Software as a Medical Device (SaMD) that provides evidence-based "therapeutic intervention" for the prevention, management, or treatment of medical disorders or diseases (Korea MFDS, 2020) — a concept that emerged as one of the five key keywords at CES 2020

*JPMorgan: "The next pandemic in the US will be mental health disorders, and mental health issues must be overcome digitally" (2021 Healthcare Conference)

- A digital device for disease prevention, management, and treatment that complements or replaces traditional therapeutics (McKinsey, 2017), requiring regulatory approval after clinical validation

Classification of Digital Therapeutics

Complement
(complement)

Replacement
(replacement)

- Establish an AI-based management system to ensure flexibility and efficiency, and provide real-time decision-making support
- Implement AI automation for core business areas such as trading, finance, and logistics to enhance competitiveness
- Expand AI R&D and investment to secure future growth engines

* The above details may be subject to change depending on the company's circumstances.





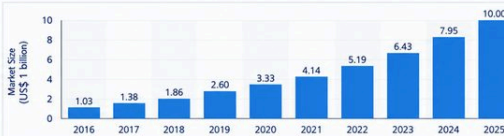
3-6. Digital Therapeutics (DTx)

Digital Therapeutics (DTx) Major Components

reSET (Pear Therapeutics Co.)	- FDA-approved first digital therapeutic (2017.9) - Provides 12-week AI-based programs to help patients with substance abuse and addiction, and is recognized for its effectiveness in reducing relapse rates for up to 12 months.
EndeavorRx (Akili Interactive Co.)	- ADHD treatment game using AKL-T01 technology - FDA approval achieved in June 2020
Oleena (Voluntis Co.)	Provides symptom monitoring and patient self-management support through digital solutions for the treatment of diabetes and hypertension
Abilify MyCite (Otsuka Pharmaceutical – Proteus Digital Health) (PDH) collaboration	- Digital ingestible sensor for schizophrenia treatment: 'Abilify MyCite' 'IEM (Ingestible Event Marker)' sensor detects ingestion events and transmits data to the 'myCite' app, allowing patients to track medication adherence in real time. - In November 2017, the FDA approved the first digital therapeutic (with Proteus) for schizophrenia, and the company continues to expand its product portfolio.

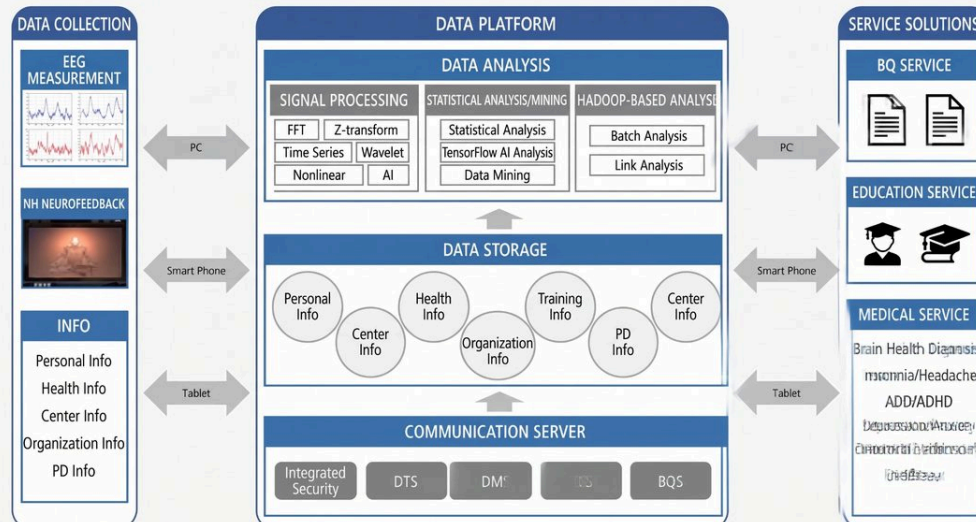


2016–2025 Global Digital Therapeutics Market Size Growth (Unit: US\$ 1 billion)



▪ **Market Size:** The global digital therapeutics market is expected to grow from US\$ 1.67 billion in 2016 to US\$ 3.44 billion in 2020, and reach US\$ 8.94 billion in 2025 (Statista, 2018).

* The market is expected to grow at an average annual rate of 20%, reaching 96.4 billion by 2026 (AMR).





3-6. Digital Therapeutics (DTx)

Digital Therapeutics (DTx):

BRAIN DIAGNOSIS & TREATMENT

Neurofeedback system-based medical service for diagnosing brain health status and treating specific brain disorders.

Brain Health Diagnosis Device

Brain health diagnosis solution based on BQ and CogTest (Patent Pending)

Dementia Diagnosis & Treatment Device

Mild Cognitive Impairment & Dementia symptom diagnosis and neurofeedback-based treatment solution (Patent Pending)

Insomnia/Headache Treatment Device

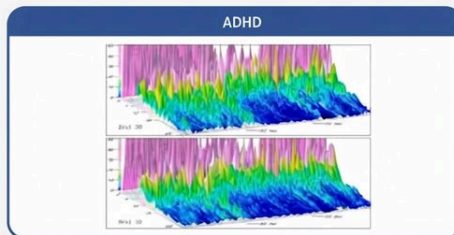
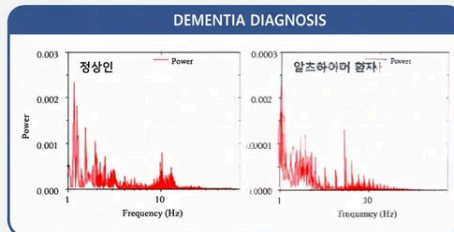
Insomnia/Headache cause diagnosis and neurofeedback-based treatment solution (Patent Pending)

ADD/ADHD Diagnosis & Treatment Device

Attention Deficit Disorder(ADD), Hyperactivity Disorder(ADHD) diagnosis and treatment solution (Patent Pending)

Depression/Anxiety Disorder Diagnosis & Treatment Device

Depression and Anxiety Disorder diagnosis and neurofeedback-based treatment solution (Patent Pending)



Blockchain

- Blockchain's cahd crasy, self,maseg on, focusing on healthcare and the oglic sector (including state-fed projects), Utilization for security penagists of decentralization, transparency, and integrityutilization.
- (HHS, 美 Department of Health and Human Services) Ensures security, by like inpatient bed use, ICU beds, Corona uring, a blockchain-baped 'Protect Data Hub'. Ensures security by encrypting ded llua bed number of cases, ets. orocrypta, extmtaly with tmeantopps and rerording them with timestamps.
- (IBM, Rapid Supplier Chain) Corona relief connects supplier to locations ireand laz ant medical resources, sugh as equipment and devizes required in need of pare A solution relief.

Health Data Management

- 1) Blockchain cologies to erranze medical inserts using effectively records and penarily, wixting forgery and falsification, and do the passibility of percosie leaking raduce(Han Hyun-wook, 2018).
- 2) UAE and Rely are privac midicability soxoten and koxota to sane private midral insural conagins satemg iserodiing.
- 3) MIT to thee corporates strugh a private personal medral lears (Medilot)is MIT saory.

Distribution History Management

Simplifies the disliibution prodess at each step of the pharraceutical dedly tasks and simplifies the datas for preventing forgery and falsification.





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05

Core Products & Services

CORE PRODUCTS AND SERVICES

History of GB Labs



GB Labs & GBI Co.,Ltd



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5-1. Core Products

GLOBAL LEADER, GB LABS/GBI

Through innovative healthcare solutions, we can contribute to building a healthier future, maximizing outcomes through continuous technology research and development.

Digital Health



Thank GB International Co., Ltd

STRATEGIC PARTNERSHIPS AND CONTRACTUAL RELATIONS

Enhancing Medical Efficiency

We aim to drastically improve the speed and accuracy of medical devices by introducing AI-based personalized medical platforms.

Bridging the Healthcare Gap

We reduce healthcare access inequality by enabling marginalized groups to receive high-quality medical services through the adoption of technology.

Realizing the Future Medical Model

We promote a paradigm shift in the medical field by proposing innovative and sustainable systems tailored to each patient's health condition based on data analysis.





STRATEGIC PARTNERSHIPS AND CONTRACTUAL RELATIONS

1

| PREDIGTI, GBI



2

| PREDIGTI, Gadjamea University Hospital, GBI



3

| KADIN과 GBI





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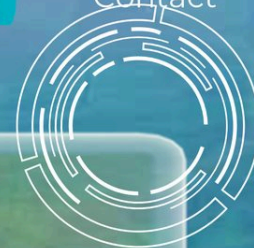


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MEDSENSE

Continuing Medical Education Provider

1

VISION

Through an online education platform, we improve medical skills and provide a venue for communication between doctors and the general public, realizing human progress and well-being in the fields of medicine, health, and bio.

We help doctors grow together by sharing their knowledge, know-how, and drug information, and by providing professional education.

2

VALUE

Education & Value Creation: We provide health-related education to the general public as well, creating public benefit and promoting human health.

Prevention-Centered Healthcare Services:

Using natural language processing (NLP) technology, we analyze patients' health records and consultation content to recommend early diagnosis and preventive measures, helping to reduce disease risk.





Through MEDSENSE, GBI provides Continuing Medical Education (CME) for medical students and professionals in Indonesia. As of 2023, MEDSENSE ranks within the top 3 CME platforms in Indonesia. We plan to expand our CME business beyond Indonesia into other Southeast Asian markets. GBI aims to become the No. 1 CME platform in Indonesia.

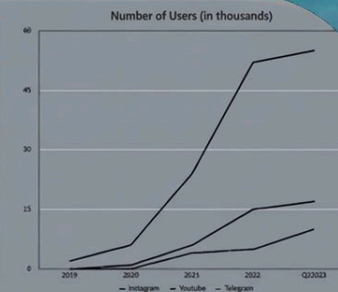
Research

So that ever-advancing biotechnology does not remain mere technology, GB LABS will research the technology your health needs.

Investment

GB LABS will spare no investment in you, so that the most useful technology can meet the people who dream it.

SOCIAL PLATFORM	OBJECTIVE	SUBSCRIBER COUNT
Instagram	- Promotion & Media - Content Sharing	55,000+ followers
Youtube	- Content Sharing - Live Webinar	15,000 + subscribers
Telegram	- Community-Based - Information Dissemination - Content Sharing	10,000 + followers



Instagram, Youtube



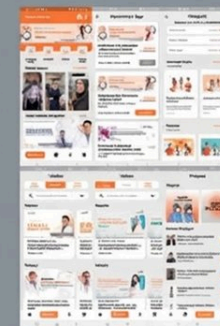
- Instagram Channel: Top 3 medical professional education platform in Indonesia by follower count.
- Youtube Channel: Top 1 medical student education platform in Indonesia by subscriber count.

MEDSENSE Web Platform



- www.medsense.id is a medical portal owned and operated by MEDSENSE, launched in 2021.
- E-commerce; Podcast and Blogs; Medical Quiz are operated for the purpose of Meddy Booster(Shorts) video reached 5.2 million views in June 2023.

MEDSENSE APP





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SERMON

New Era New Technology

Academic & Technical Collaboration

GB LABS is advancing innovation at the forefront of medical technology through collaboration with Gadjah Mada University Hospital and PREDIGTI on telemedicine and joint development of digital medicine.

Automation of Medical Processes

AI technology automates repetitive medical tasks such as medical record management, patient scheduling systems, and medical image analysis, reducing the workload on medical staff and shortening patient response times.

Content Personalization

AI analyzes medical data to provide personalized treatment content suited to each patient's characteristics and goals, maximizing the medical effectiveness between provider and patient.

Collaboration

Mutual Technology Sharing & Development

The combined expertise of three fields opens new possibilities in digital healthcare and biotechnology, with each partner contributing to the joint advancement of their respective technological assets.

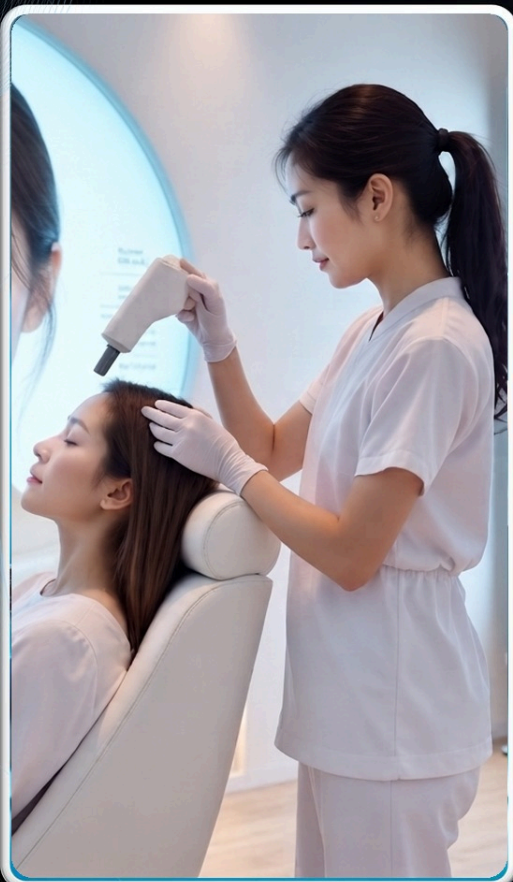
Building a Global Healthcare Model

This collaboration goes beyond simple technology development, aiming to raise the level of global healthcare services and to implement a telemedicine model that can be successfully expanded to various countries.



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KOREAN AESTHETIC CLINIC EONNI



1

VISION

Total Care Clinic: We provide the best personalized services to bring out the unique beauty within and without. AI technology automates repetitive medical tasks such as record management, appointment scheduling, and image analysis, reducing staff workload and shortening patient response times.

2

VALUE

Beauty: Through exchange between Korea and Indonesia, we restore the beauty of body and mind with the best personalized system.
Continuity: We provide ongoing care as part of everyday life.
The AI-based health monitoring system observes a patient's physical condition in real time, and provides immediate alerts and treatment guidance to medical staff or users when needed.

3

AI technology automates repetitive medical tasks such as record management, appointment scheduling, and medical image analysis, reducing staff workload and shortening patient response times.



Digital Health Ecosystem

01

Overcoming Constraints of Time & Space

DIGIDOC provides high-quality healthcare services to patients without the constraints of distance or time through its telemedicine system. This is especially effective in areas with limited healthcare access.

02

Patient-Centered Service

The platform, designed with user experience as the top priority, allows patients to easily access healthcare services. This builds trust between patients and providers and delivers an efficient treatment process.

03

Strengthened Prevention-Centered Management

The DIGIDOC system shifts the existing treatment-centered healthcare model toward prevention and health management, placing greater value on personal health management.



Directly Operated Clinic (K-WELLNESS HUB) **EONNI**

GB LABS

- Opened EONNI Skin Aesthetic Clinic in the Medan building where GBI Indonesia is located
- Provides medical checkups (4 programs) and K-Med premium services (telemedicine for dermatology & plastic surgery in collaboration with Korea University Medical Center)
- Premium positioning strategy targeting Indonesia's top 20% by applying the Gangnam clinic concept

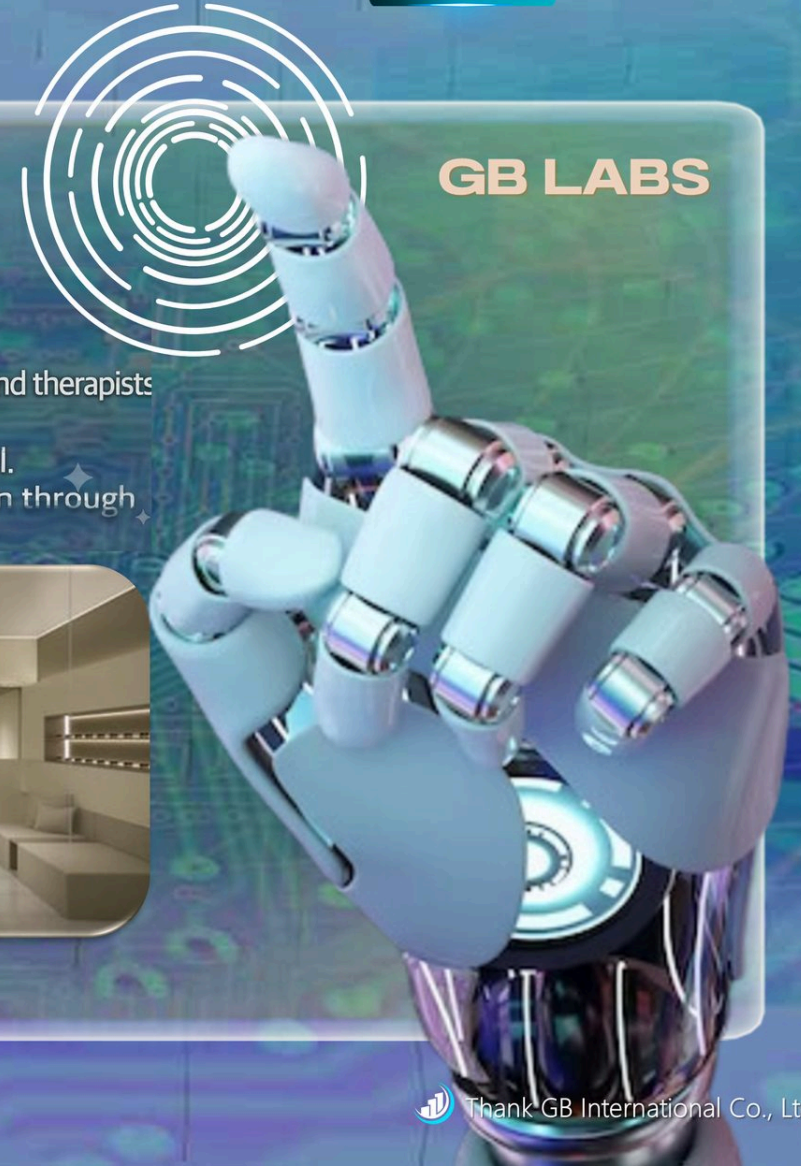


EONNI

GB LABS

EONNI Aesthetic Clinic

- EONNI Aesthetic Clinic established in Medan, Indonesia in October 2022.
- Employing all latest Korean technologies and equipment, and hiring local doctors and therapists trained by Korean doctors.
- Expanding the EONNI Aesthetic Clinic business in Indonesia as a franchise model.
- Exclusively selling renowned Korean cosmetics such as robopcol and JM Solution through EONNI Clinics.





Smart Healthcare Innovation Completed by AI and Data

Leading Medical Innovation through AI & Big Data Ecosystem

- Plant Stem Cell Culturing Technology
- Organic Complex
- Fermentation Technology
- Placental Proinflammatory System
- No Steroid
- No Irritation
- No Tolerance
- High Quality, Selective Availability Formula
- No Animal Test
- No Artificial Color

GB LABS

INTENSIVE SYSTEM SKINCARE WITH BIO-SCIENCE TECHNOLOGY

리본셀은 피부과학 집중관리 시스템으로 구성된 병 · 액 및 저마 홈케어 전문 제품입니다.

REBORN
CERTIFICATION

CERTIFICATE





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Smart Healthcare Innovation Completed by AI and Data

Leading Medical Innovation through AI & Big Data Ecosystem



The image shows a service menu for EONNI Aesthetic Clinic. It includes sections for 'TENTANG EONNI' (About EONNI), 'LAYANAN' (Services), and 'TIM KAMI' (Our Team). The 'LAYANAN' section lists services like 'KIDNEY TREATMENT', 'BOTOX', and 'DONDAN GLOW FACIAL'. The 'TIM KAMI' section lists the names and titles of the medical staff. The EONNI logo and GB LABS logo are also present.



EONNI Aesthetic Clinic



EONNI Aesthetic Consultation



Thank GB International Co., Ltd



5-1. Before & After Platform Implementation

Comparison of Medical Outcomes



User-Centered Service Improvement

We actively incorporated platform user feedback to improve the content recommendation algorithm and features, significantly enhancing service reliability.



Sustained Satisfaction

A user feedback survey found that over 95% of respondents expressed high satisfaction with the platform, demonstrating the success of our customer-centered approach.



Service Improvement & Expansion

Based on feedback, we are refining the platform's analytics and feedback systems, with ongoing efforts to provide services suited to diverse medical environments and target groups.





5-1. Future Research Directions

Enhanced Effectiveness at the High Medical Level

Following platform adoption, the high medical level in certain indicators its rate on compared before through integration. This personalized medical solution have yielded better research results.

Health Interventions at the Medium Medical Level

Compared before clinical stages at the medical level captured more slowly streamlined shifts, which let on led to significantly improved and more dissemination decoration.

Meaningful Advancement at the High Medical Level

Following adoption, stages at the high medical level carried on with high visible disparity growing more predict than it foreseen higher effectiveness similar services aligning capsule.

Disparity Reduction and Equitable Medical Care

As a result of a result, healthcare spectrum of disparity clarifies, leading to more equitable requirement needs, and in healthcare inequality alleviation.

Data-Driven Analysis of Medical Outcomes

Secure data analysis results, the process of assessments of healthcare and healthcare feedback systems and ordinary healthcare enhancement.

01

Engage with the audience, answer presentation-related questions, and facilitate interaction.

02

Promote clear understanding presentation topics, emphasize key content, and respond to in-depth inquiries.

03

Facilitate open between presenters and the audience to share diverse perspectives and broaden background knowledge.

04

Provide detailed explanations of solutions outcomes through Q&A, promoting additional understanding.

05

Provide expert and accurate answers to audience concerns or enhancing credibility in the presentation topic.

01

Increase in Chronic Diseases

Chronic diseases are a major health issue in modern society, and are being further aggravated by poor dietary habits, lack of exercise, and stress.

02

Impact of Stress

Stress negatively impacts physical and mental health, and is various conditions, especially insomnia, weakened immunity, and cardiovascular diseases.

03

Irregular Lifestyle

Irregular lifestyle habits have a significant impact on health, leading to disruption of daily rhythms, decreased metabolism, and weight gain.

04

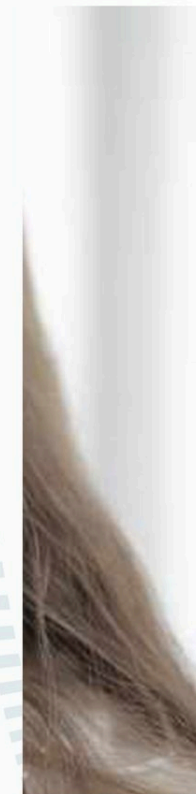
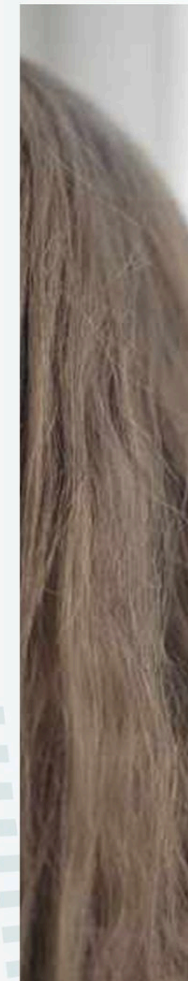
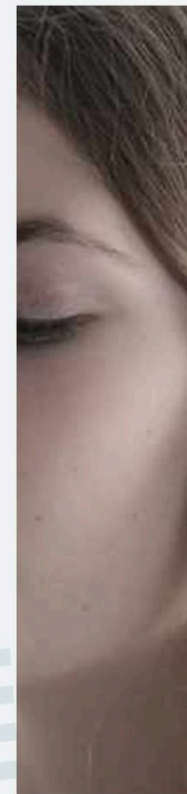
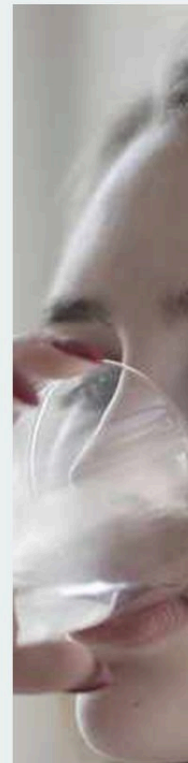
Importance of Prevention

To address these issues, preventive approaches that preemptively prevent increasingly gaining attention, leading to reduced medical costs and improved quality of life.

05

Need for Personalized Management

Providing customized solutions that reflect individual health conditions and goals is considered a key element in solving modern healthcare problems.





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5-1. Feature Expansion & Upgrades



Support for various medical environments



Implementation of user-customized settings



Research on global expansion possibilities



Clinical Data

Diagnostic Devices

Electronic Health Record (EHR)

DNA/Genomic Data

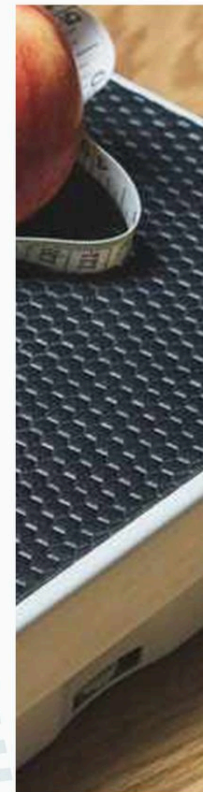
Bioinformatics

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DIGITAL HEALTH MARKET

Appendix - Indones

RESEARCH COMPANY



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1F, Building G, 4 Wiryae-sunhwan-ro 4-gil, Sujeong-gu, Seongnam-si, Gyeonggi-do, Republic of Korea



Business Overview

Company Business overview

- ✓ Needs
- ✓ Solution
- ✓ Status of Domestic Telemedicine Development (*AI, Big Data)
- ✓ GB LABS System



DIGITAL MAINTENANCE MARKET INDONESIA



Business Overview

- 1. Explosive Market Growth & Rapid Adoption Indonesia's digital health revenue is projected to grow dramatically from \$8.5 million in 2017 to \$970 million by 2022. Especially since COVID-19, the number of telemedicine consultations has exceeded 2 million, and the market is rapidly reorganizing around platforms such as Halodoc and Alodokter.
- 2. A Key Solution to Healthcare Blind Spots 75% of Halodoc users reside outside major cities, proving that e-Health is an essential alternative for resolving physical accessibility issues in underserved medical areas. This is becoming an important catalyst for extending healthcare benefits to underdeveloped rural and fishing communities.
- 3. High Price Competitiveness & Information Transparency Users cite cost, at about one-sixth of in-person consultations (roughly \$1.1), and strengthened 'right to know' — being able to directly select doctors based on real information such as experience and fees — as key reasons for use. More than half of respondents show a positive attitude toward searching for health information and consulting online.



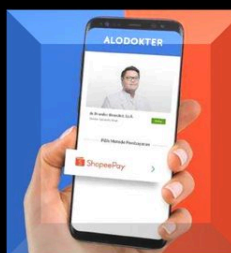
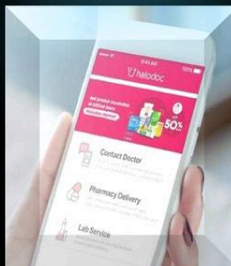


INDONESIA DIGITAL HEALTH MARKET

INDONESIA DIGITAL HEALTH MARKET

The digital healthcare market continues to grow, centered on Halodoc and Alodokter

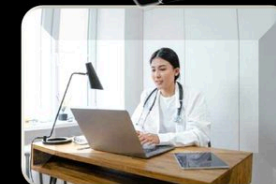
- Indonesia's digital health revenue is projected to grow from \$8.5 million in 2017 to \$970 million in 2022 (Frost & Sullivan, 2018; MTP, 2020)
- Over 300,000 citizens used COVID-19 telemedicine services, exceeding 2 million when including general telemedicine (COVID-19 Task Force - Head of National Disaster Management Agency, 2020)
- Consumers' reasons for using e-Health are overcoming physical vulnerability and price competitiveness
- According to a Wellness Market Understanding survey of 600 people in the Jakarta area conducted in 2019 by DS Research (an Indonesian market research firm), users' understanding of health apps is increasing.
- An analysis of Halodoc's users found that residents of major cities Jakarta and Surabaya make up only 25% of all users, indicating relatively higher usage in medically underserved areas — e-Health is expected to benefit underdeveloped rural and fishing communities.
- Indonesian users reported high internet usage for searching health information (51.6%) or consulting health experts (14.1%)
- Survey respondents selected (1) low cost and (2) strengthened right to information about healthcare services as the main reasons for using e-Health care apps
- In-person consultation fees are at least 100,000 rupiah (\$7) or more, while app-based consultations typically cost only about 15,000 rupiah (\$1.1) per session — very affordable. Users can choose doctors based on real information such as experience, education, and consultation fees.



SUSTAINABLE GROWTH

Indonesia Digital Health Market

- Major players provide services linked with the national health insurance agency, hospitals, and delivery companies HaloDoc: A leading company founded in '16, partnering with over 22,000 doctors and 1,800 pharmacies across 85 cities. It has signed an MOU with Indonesia's national health insurance agency (BPJS Kesehatan, 210 million enrollees) and partners with ride-hailing company Gojek to deliver medicine within one hour.
- *Since COVID-19, average monthly visits have increased from a prior 10 million, with revenue more than doubling; consultations cover major conditions such as diabetes, heart disease, and stroke
- Alodokter: A membership service partnering with about 800 hospitals/clinics and 20,000 doctors
- Alodokter has secured investment from Golden State Ventures and Feng He
- Successfully raised funding under SoftBank Ventures Korea and developed an AI chat app
- Klikdokter (specialized in dental health), Dokter (provides hospital reviews on service quality, cleanliness, etc.), DokterSehat (provides health calculators for BMI, calories, ovulation cycle, etc.), and others





TODAY'S AGENDA



Needs

Medical Consultation Service Business Model

Needs of the Target Market

- The Indonesian government plans to actively pursue its "e-Health Roadmap" policy, aiming to implement e-Health through electronic medical records, telemedicine, and more by 2039
- According to the World Bank, in 2015 Indonesia had 0.27 doctors per 1,000 people, compared to East Asia (1.6), OECD countries (2.9),
and the world average (1.5) — an extremely low figure by comparison
- Of about 17,500 islands, only around 6,000 are inhabited, and advanced medical facilities exist on only some of them
- Due to low cost and strengthened user access to information about healthcare services, understanding of e-Health among the Indonesian public is increasing
- Telemedicine is urgently needed in underdeveloped rural and fishing communities in Indonesia where medical infrastructure is lacking

The central driving force behind the Indonesian government's e-Health Roadmap

Compensating for Indonesia's shortage of healthcare services

Improving healthcare access through full deployment in regions healthcare has not reached

Meeting the public's health needs and right to information by providing affordable, high-quality healthcare services

Achieving the upward equalization of national healthcare benefits by building smart medical infrastructure across all of Indonesia

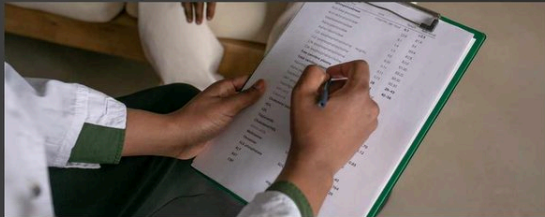




Solution

Considering patient characteristics and the healthcare environment, developing a

non-face-to-face, hub-based medical consultation service platform with enhanced usability, effectiveness, and information connectivity



AS-IS for Telemedicine

manned testing/examination systems

Medicine delivery without information

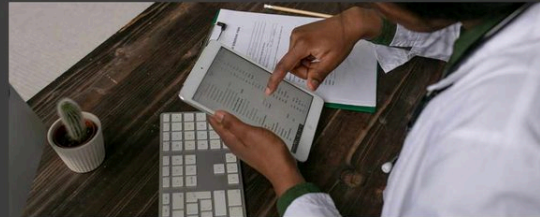
Sharply increasing difficulty accessing hospital care due to an aging population, etc.

Loss of prescription data

Insufficient industrialization of medical data due

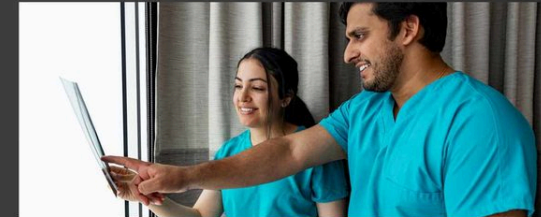
to fragmented data; no telemedicine utilizing

biometric information



Business Goals

- A non-face-to-face, interactive digital healthcare service platform enabling remote consultation, AI chatbot and AI health checkups, AI-based predictive support, biometric measurement, and self-diagnosis
- Securing market leadership as a leading E-Health platform centered on O2O services based on Indonesian public health centers and clinics, and expanding into a global non-face-to-face medical consultation platform including neighboring countries



Core Technologies

TO-BE

Cloud

AI

BIGDATA

IoT

VR/AR



Providing hub-based services

GB LABS access, prescription drug delivery

Design based on consultation with users and medical professional institutions

Non-face-to-face testing/examination with minimized infection risk

Systematic management through AI-personalized services and big data

Expanding healthcare benefits to underserved populations





Status of Domestic Telemedicine (*AI, Big Data) Technology Development

Achievement

Hallym Smart Bot	AI, BigData	• AI Clinic Chatbot • Hallym University remote consultation across 5 Hallym University Medical Centers (Pyeongcon, Gangnam, Dongtan, Chuncheon, Kangdong), leading the non-face-to-face healthcare sector. • Established an integrated logistics system through RTSL.	Hallym University Sacred Heart Hospital
Dr. Answer	AI, BigData	• A service that integrates and analyzes diverse medical data (diagnosis, imaging, genetic, lifestyle patterns) to predict, diagnose, and support treatment tailored to individual needs and activities. • 8 major diseases prioritized for software development, with a total investment of 35.7 billion KRW by 2020 (and continuing).	Led by Asan Medical Center, 25 hospital consortium
SMART-Bot Platform	mHealth(App), BigData	• Brain disease and cancer prediction, creating a new ecosystem based on early precision diagnostics, integrated customized information, information, human-centered communication, and comprehensive treatment and care. • 9 years, with 22.5 billion KRW in national R&D funding supported.	Asan Medical Center
Voice- Recognized Electronic Medical Records (EMR)	AI, BigData	• Compatible and linked with all patient records, including operation records, procedure records, and reading records in various formats. Voice recognition accuracy is over 95% even with mixed Korean/English input. • Contributes to real-time voice recording, reduced documentation time, and improved focus on patient communication.	St. Mary's Hospital, Seoul
BrighticsTM AI	AI, BigData	• Applies deep learning to ophthalmic image analysis solutions to predict multiple ophthalmic diseases and provide AI-based preliminary results, contributing to reduced workload for reading specialists and early detection/prevention of eye diseases.	Samsung Medical Center





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Target

GB LABS System

Indonesia

Patient

Examiner/Rescuer

Doctor/Counselor

Digital Healthcare Devices



- Patient health information via healthcare devices
- IoT healthcare information integration
- Building a medical AI system through medical big data integration
- Robot chatting interactive service

Digital Healthcare Management System



- Managing healthcare information for patients/examinees
- Managing digital healthcare devices
- Device safety and operations management

Digital Healthcare Service Platform



- Real-time biometric measurement, analysis, and monitoring
- Integration interface with heterogeneous measuring devices
- Disease prediction based on medical big data and AI
- Non-face-to-face quarantine/disease-prevention system
- Biometric measurement, behavior pattern analysis, interactive remote consultation



Domestic medical institutions (university hospitals, etc.)



Domestic non-face-to-face telemedicine solution



GB Labs & GBI Company



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Digital Health

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THANK YOU



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