Smart Rehabilitation Platform

CARE
Developed interactive and functional contents and system, and video based remote rehabilitation.

Rehab system core tech. developed and clinically trialed through Gov't R&D of $9 MM

Pivoted from functional content creator to smart healthcare company

Launch UIN CARE
UINCARE is a smart rehabilitation platform that provides the necessary tools to help all the stakeholders involved with physical therapy recovery: patients, hospitals, and post acute care providers. All of the tools are seamlessly connected to the platform.

D-Gate combines the latest Kinect technology with proprietary algorithm and library and internet network system with the clinically reviewed rehabilitation protocols and exercises to increase not only the cost efficiency of the care but also the comfort of the patients being cared for.
CORE TECHNOLOGY

Based on 5 years of R&D, Clinical Trials and Continued Improvements

• Over 10 years of business experience combined with directed R&D efforts.
• World’s first MD approval with Kinect technology (2013, KFDA).
• Continuous R&D improvements to enhance efficiency.
• Incorporating next generation technologies like augmented reality, virtual reality and machine learning.

Kinematic Human-care Contents and Development

• Proprietary standard motion capture data.
• Proprietary development kit for content production.
• HL7 based DB architecture & security for data protection.
• RA specialist for FDA, CE, CFDA.
• Developed with ATs and PTs with combined experience of over 15 years.
COMPARE TO TRADITIONAL METHODS

24~40% UP

REIMBURSEMENT:
MOTION ANALYSIS / EXERCISE TREATMENT

Fig. Group mean change scores and standard error bars for (a) Fugl-Meyer Assessment score of paretic upper limb and (b) Modified Barthel Index in acute and subacute stroke patients; T0, baseline; T5 fifth session; T10, tenth session
Reliable
R&D, Clinical trial with medical community
Completed GMP/Medical device certification
Open source clinical content creation

Flexible
Custom protocol creation using 3,000 rehab contents to meet various needs in the market (Competitors have approx. 650)

Affordable
Increase cost/benefit efficiency and healthcare accessibility

Extensible
UINCARE platform allows for expansion into various business models such as: hospital / clinic / welfare facilities / remote monitoring / mobile etc
**SMART REHABILITATION**

**BUSINESS MODEL**

- **Increase treatment/cost ratio by utilizing web/mobile based solution**
- **Apply the collected DB to create highly accessible health management service**

**SMART REHABILITATION**

**BUSINESS MODEL**

- **Increase hospital profit and workforce efficiency as a smart motion analysis device**

**B2B**
- Hospital System

**B2B2C**
- Remote Rehabilitation

**B2C**
- Health Management Service (Exercise)