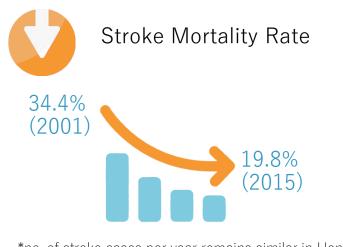
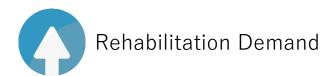


## THE GLOBAL PROBLEM

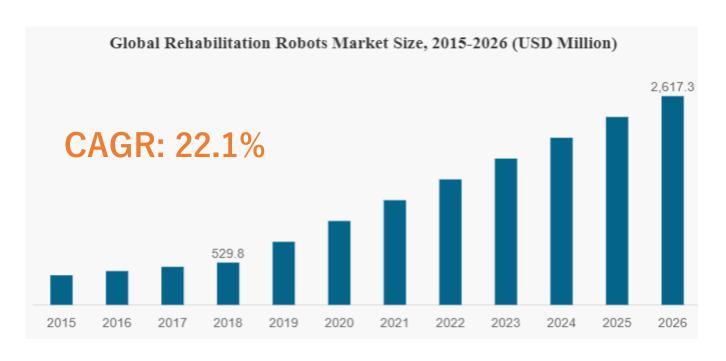
- Ageing population and rising cases of stroke rendering people immobile
- Shortage of medical professionals



\*no. of stroke cases per year remains similar in Hong Kong



Almost 60% of all strokes each year are in people under the age of 70



### **Global Market Size**

US\$529.8M (2018) US\$2,617.3M (2026 F)

Source: Fortune Business Insight, WSO fact sheet, World Stroke Organization

## SHORT TO MID-TERM PROBLEM: COVID-19





 HA rehab services reduced by 70%

惡化

Video-only tele-rehab

f D +

## **OUR VALUE PROPOSITION**

#### PROBLEMS of medical devices:

- Large in physical size
- Capital intensive
- Only available in hospitals

Addressable market of existing medical devices

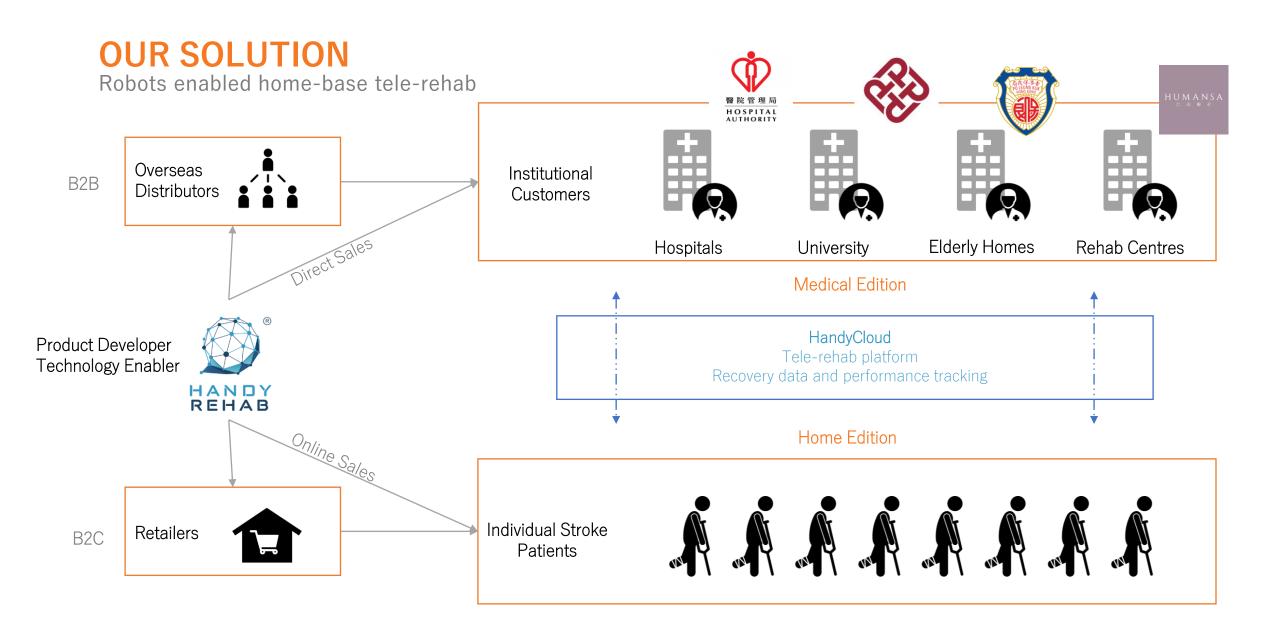
#### Value proposition of HandyRehab Products:

- Affordable
- Portable
- Increase rehab efficiency
- Reduce medical expense

### Addressable market of HandyRehab Products



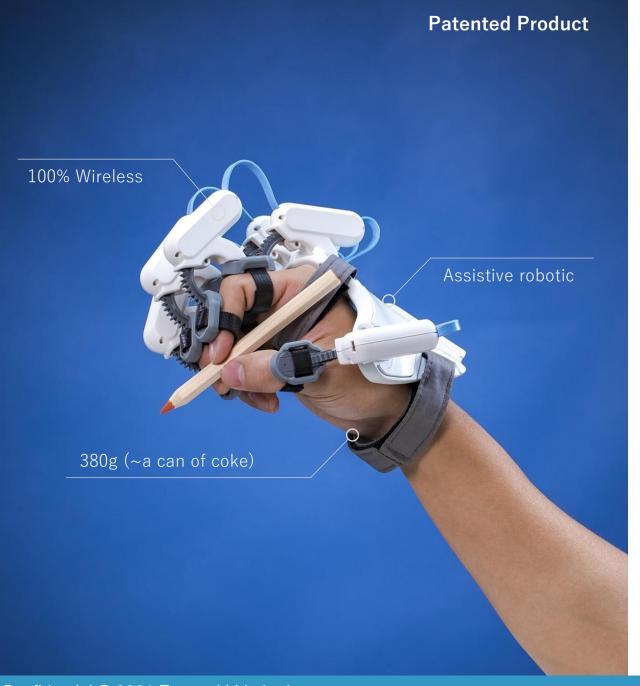
- Private service: unaffordable



# HANDYREHAB MEDICAL EDITION

Standard Product Set





# **PRODUCT HIGHLIGHTS**

HandyRehab

- Neuro-rehabilitation principle
- Empowers users with upper limb disability giving them the possibility to do things they otherwise could not
- Patents in China, Australia, Hong Kong
- Customers: public and private hospitals, elderly homes, rehab centres, individual stroke patients



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Affordable Robotics for Rehabilitation

### **USER FEEDBACK**



Source: 發現酷, 香港開電視

"When I first started using the robotic glove, I was not able to move my fingers at all. I realised that robotic training is very important after seeing significant improvements on myself. I strongly believe that stroke patients' recovery would had been much faster if we had such robotic device in our community centers and elderly day centers, where we can visit everyday."

(Translated texts)

Ambrose Cheung Former Chairman, SSP District Council User of HandyRehab



Source: InnoGPS 創科導航, TVB J5

"Traditional therapeutic methods emphasize on repetitive exercises. Therapist instruct the patient to complete an action until they can finally do it. However, neither does the therapy or patient are sure if the patient is using the correct muscle set.

With the robotic exoskeleton system, patients can now receive accurate feedback on their performance, and, hence, greatly reduce the duration of training."

"Stroke patients, especially the young ones, are very eager to regain their hand function as they would love to be able to go back to work."

(Translated text)

Francis Chan

Physiotherapist, Hong Kong Sheng Kung Hui

# **PRODUCT FEATURES**

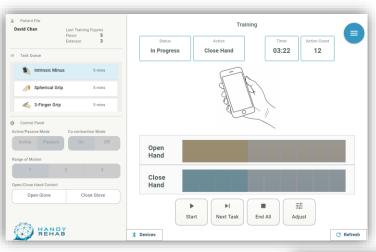
## Task-based Training







### <u>Data-Centric</u>

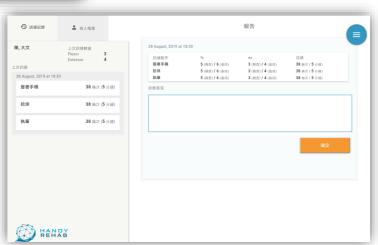


### Training Page

- Control panel for caretaker, GUI for user
- Real-time data monitoring



- Detailed record of each training session
- Allows both quantitative and qualitative feedback



## **UPCOMING PRODUCT**

HandyRehab – Home Edition

#### **Target Customer**

Stroke patients

#### Sales Channel

Online platform, retail shops for rehab products

#### **Product Positioning**

- Daily assistive tool, home-use rehab training product for people with hand function disability
- Suitable for daily use

Users control the

robotic glove with the



Pricing

Affordable by individuals

To Market Timeline:

2021 Q2

Usage data can be recorded in the app for medical specialists' follow-up



#### Awards received:





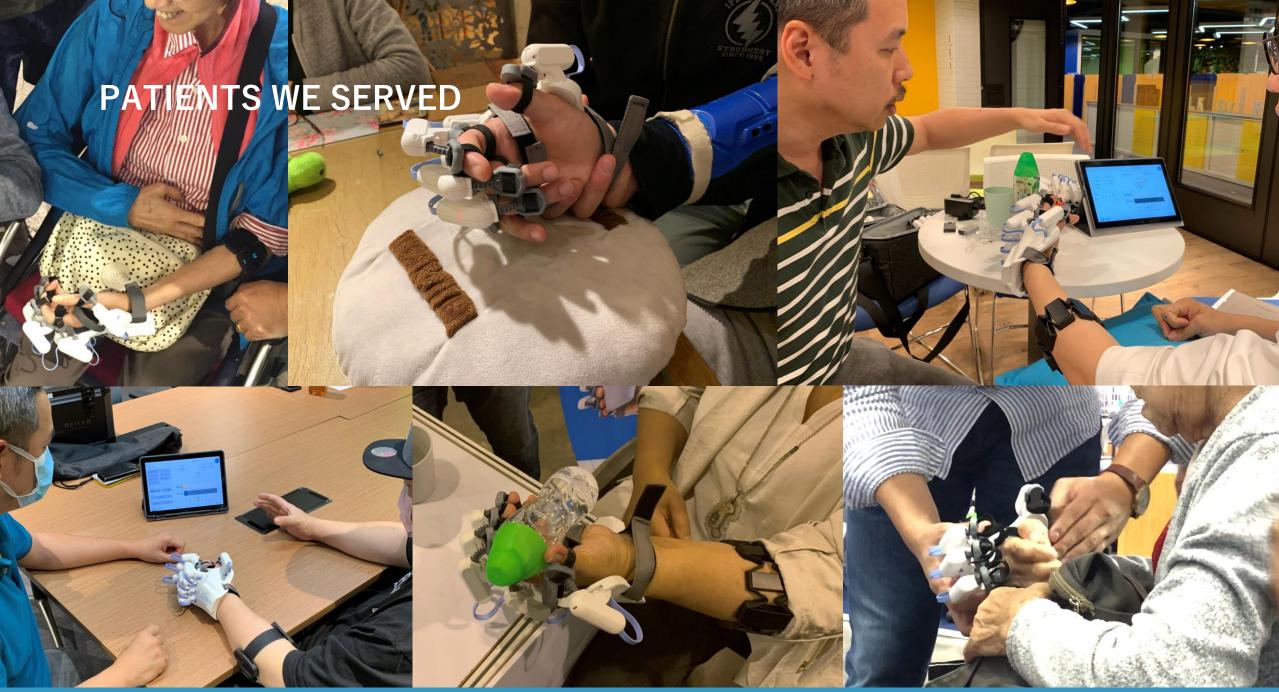




# HANDYREHAB HOME EDITION

Demo – Home Training









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Company

Products



