

Symposium on Research and Development of Long-Term Care Technology for Global Expansion

“Development and Overseas Deployment of a Japan-Origin Transfer Support Care Robot”



ROBOHELPER
S A S U K E

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 **MUSCLE CORPORATION**
Healthcare Business Development Div.

INDEX

1 . MUSCLE CORPORATION

2 . ROBOHELPER SASUKE

2-1. Concept

2-2. Examples of actual case

2-3. Unique features

3 . OVERSEAS EXPANSION

3-1. The Beginning

3-2. In Practice (Promotion/Localization)

3-3. The Future

1. MUSCLE CORPORATION



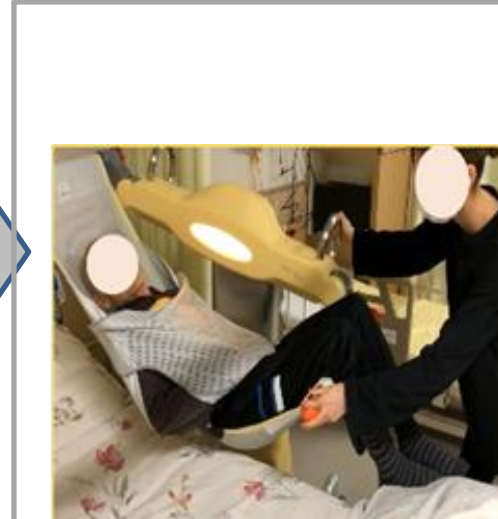
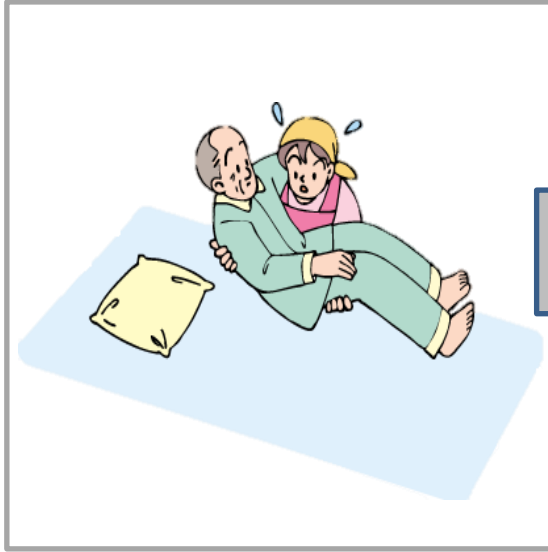
OUR FLEXIBLE IDEAS AND TECHNOLOGIES

CAN REALIZE DREAMS



2-1. Concept

—ROBOHELPER SASUKE—



Anyone can assist with transfers alone, easily, and simply.

“Care for the elderly with more humanity”

Made in Japan quality and reliability.
Connecting people around the world with the spirit
of OMOTENASHI.



SASUKE is capable of lifting the care receiver just like carrying with two arms with kindness and ease.



Image of transferring to standard wheelchair

2-2. Examples of Actual Case

—ROBOHELPER SASUKE—

Overweight, Large, Heavy



Kyphosis, Contracture



Contracture



Sensitive skin, Skin issues



Fracture **Before**



After

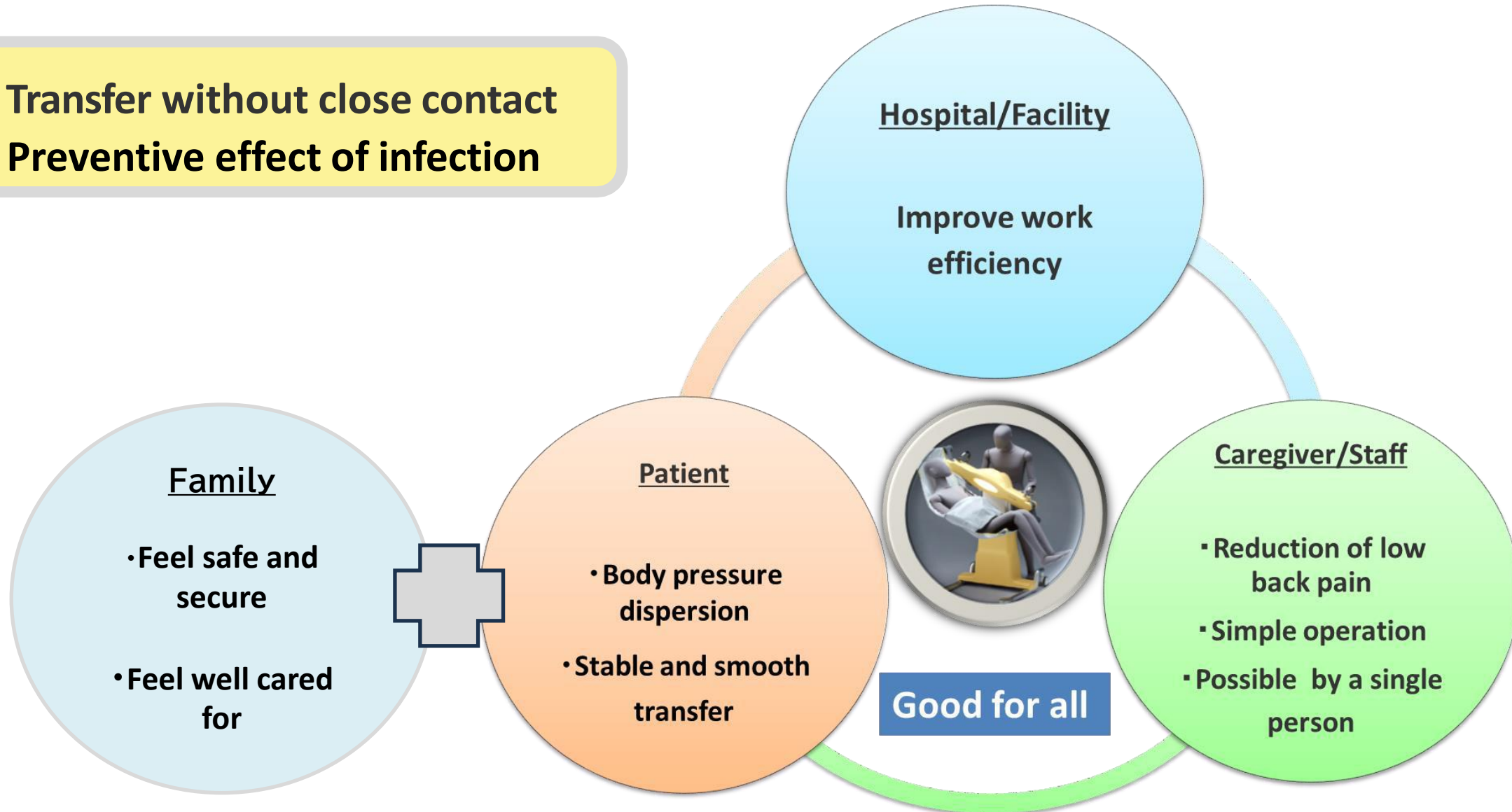


Quality of care for humerus fractures ↑

2-3. Unique Features

—ROBOHELPER SASUKE—

- Transfer without close contact
- Preventive effect of infection



■ 2017 MEDICA (AMED)

One of the world's largest medical device trade fairs (Düsseldorf, Germany)



- The aging population issue is not only a challenge for Japan but also for the world.
- There is great interest in robotic care devices.
- The desire to provide care in a 'more human' way is shared by all.
- The lifting method, similar to being lifted by human arms, has received high praise.

The spirit of care is universal.

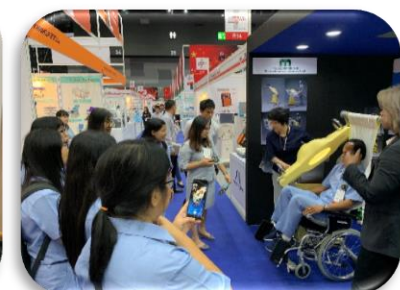
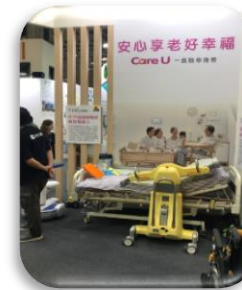
■ Gerontech and Innovation cum summit (GIES)

■ Taiwan Healthcare EXPO

■ Medical Fair Thailand

■ Korea International Medical & Hospital Equipment Show (KIMES)

Others



■ Promotion Example

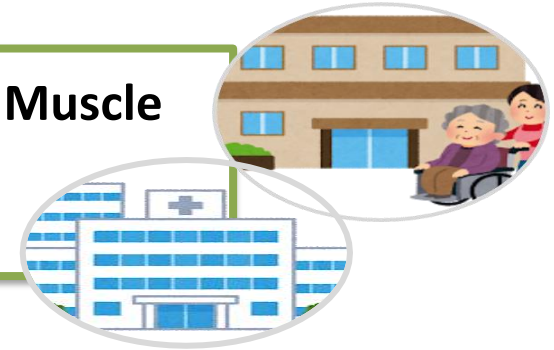
Example Expansion Plan



On-Site Demonstration & Training by Muscle
(For Distributor Staff)



Demo & Hands-on Visit by the Distributor and Muscle
(For Dealers, Hospitals, and Care Facilities)



SASUKE Exhibit, Demo & Hands-on Experience by the Distributor
(For Exhibition Visitors)



■ Localization Example

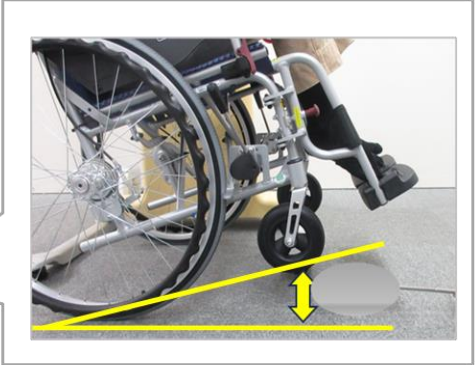


Safety explained, concerns remained — procedures were localized.



🇯🇵

Cast UP is OK.
→ **Deep Seating Position is Key**



🇹🇭

Updated Process: No Caster Up
→ Deep seating is not required



※ Front wheel lift (caster up) enables deep seating.

3-3. The Future

— OVERSEAS EXPANSION —

Assessment items(e.g.)

- Body size similarity: Specifications, weight capacity of 120kg
- Location (distance): Export cost
After-sales support
- Regulatory Standards

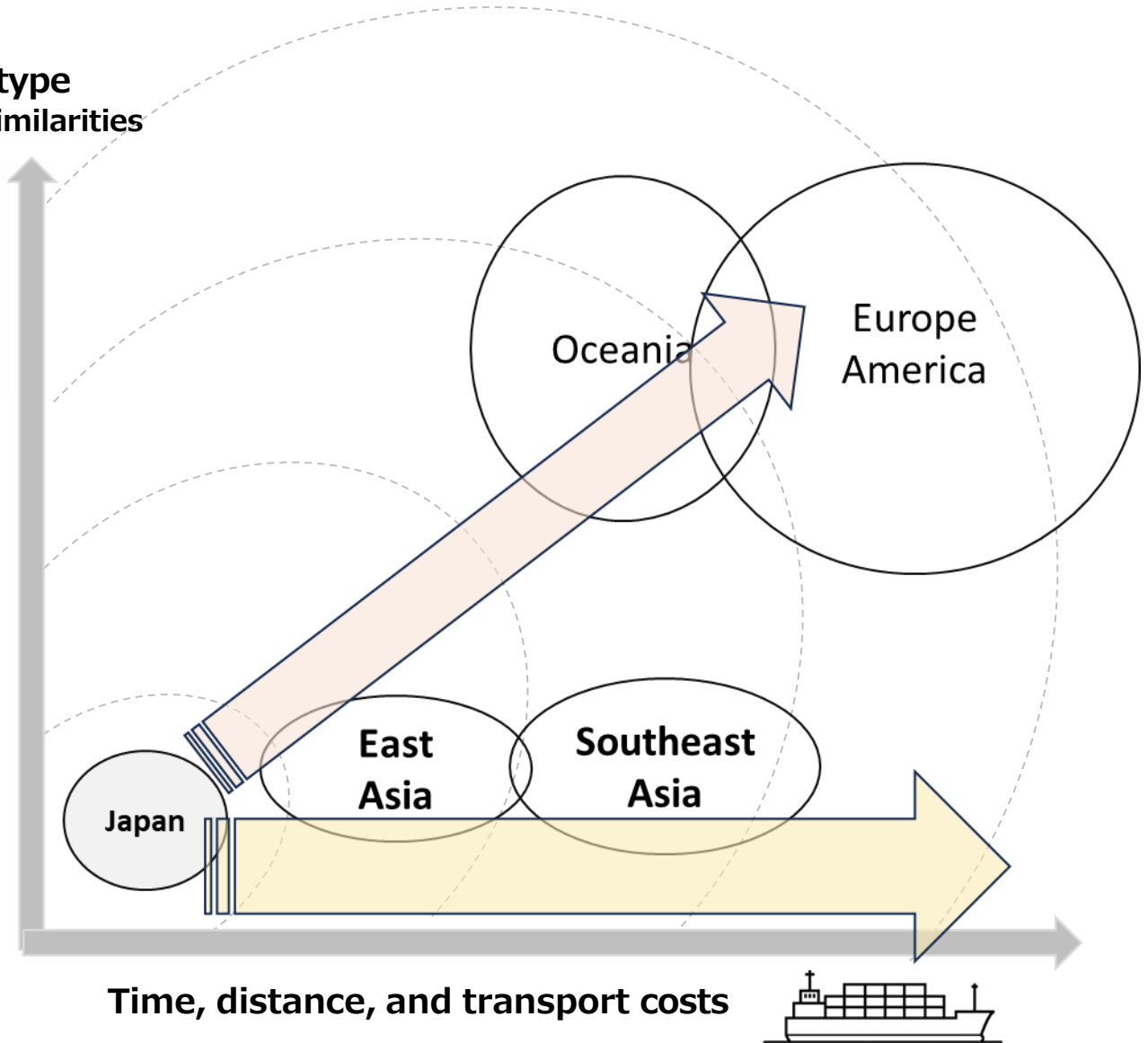
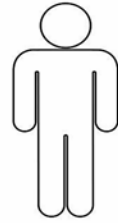


Expansion starts in neighboring East Asian countries with similar body types to the Japanese.

Select areas for expanding existing businesses.

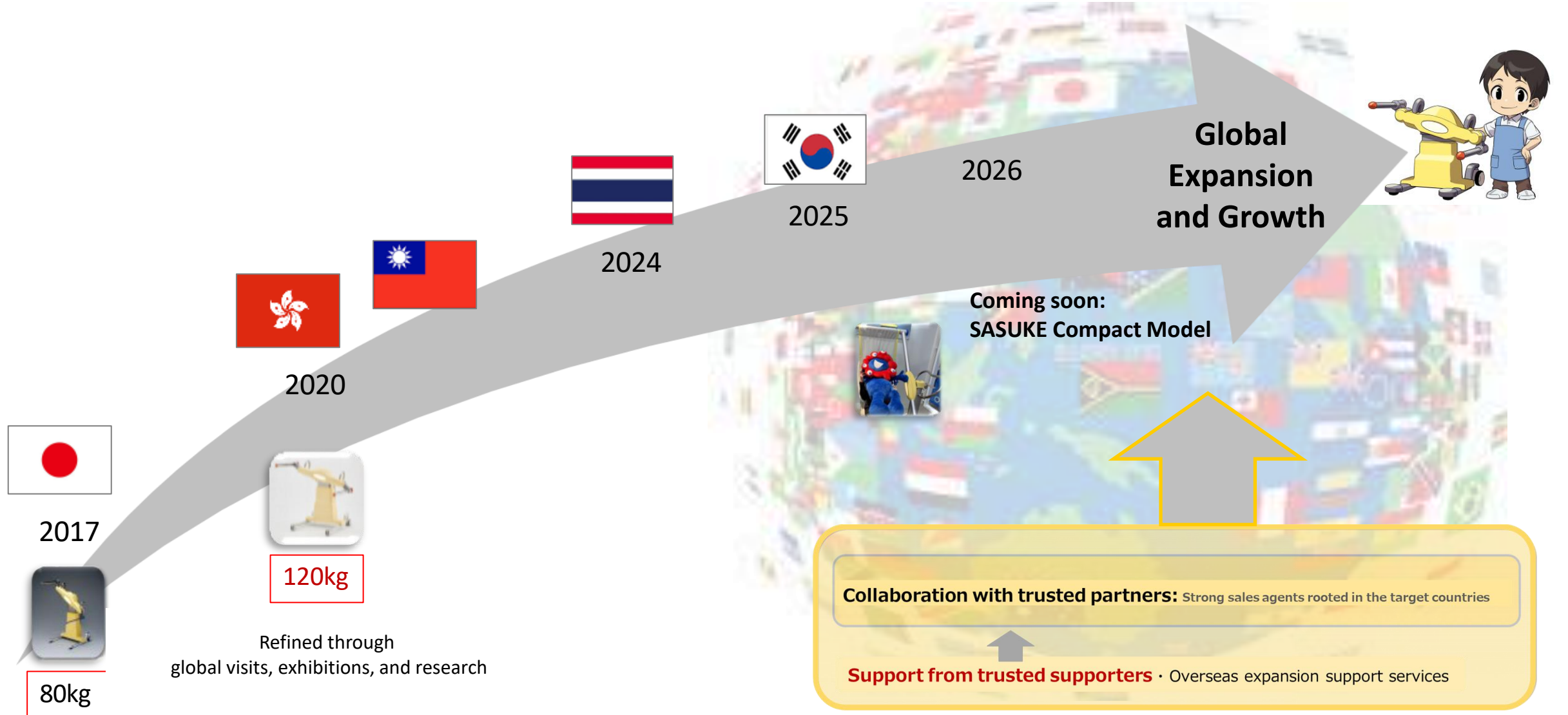
Subsequently, expand into new business areas.

Body type and other similarities



3-3. The Future

— OVERSEAS EXPANSION —



Thank you so much for your attention



SASUKE short
video



Healthcare HP

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