

Consolidated Financial Result Briefing for the Six Months Ended September 30, 2020

CYBERDYNE Inc. November 13, 2020



Areas that the company focuses on for FY2020

1) COVID-19 solutions for professionals

 Autonomous navigated "disinfection robot" ray) and connection with elevators

2) COVID-19 solutions for individuals (developing D to C business)

Providing "*Neuro HALFIT* at home" via network to promote independence \rightarrow As a counter measure towards risk of reduction of physical functions caused by restriction from going outside

3) Rental of HAL towards facilities

- patient
- Outside Japan: Obtain approval and install Medical HAL to APAC countries

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→Automation of disinfection with mounted disinfection unit (disinfection spray and UV)

• Japan: Self paid *Neuro HALFIT* service to promote independence of chronic stage





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Consolidated Financial Statement



Consolidated financial results - year-on-year comparison for the six months ended September 30, 2020

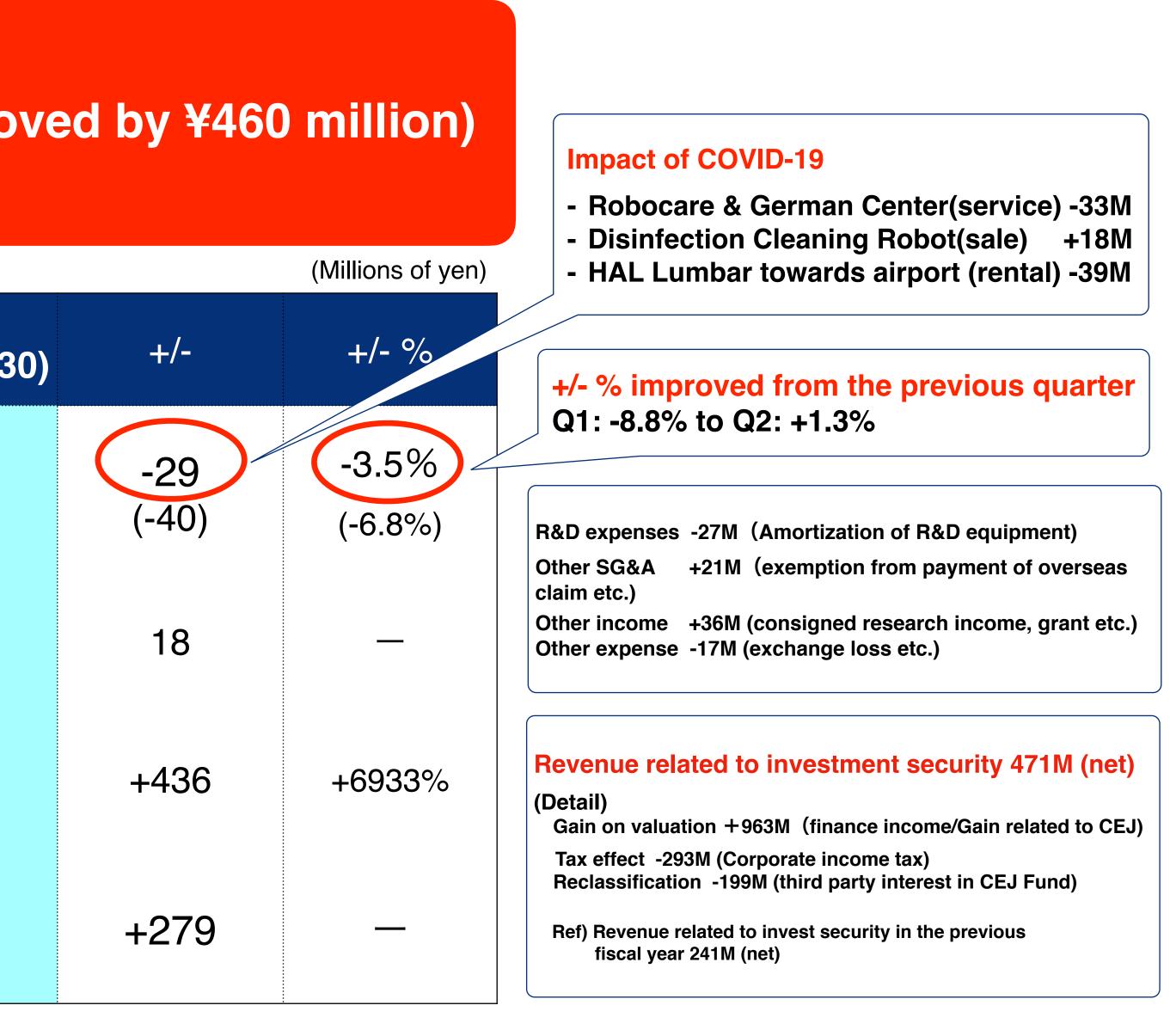
Revenue: ¥794 million (-3.5%) Profit before tax: ¥442 million (Improved by ¥460 million) Profit: ¥167 million (profit)

| | FY2019 (Apr.1-Sep.30) | FY2020 (Apr.1-Sep.3 |
|---|--------------------------|------------------------|
| Revenue (Gross profit) | 823 (593) | 794 (553) |
| Operating profit | -380 | -362 |
| Profit before tax | 6 | 442 |
| Profit attributable to owners of the parent | -112 | 167 |

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Quarterly results

| | (Unit: Millior | ns of yen) | | | - | provement from a source of the second s | Surpassed the acc previous s | |
|--|----------------------|----------------------|----------------------|-------------------------|-----------|--|---------------------------------|---------|
| | FY2019 | | FY2020 | | Quarter o | n quarter | Year or | n year |
| | Q2 (Jul.1-Sep.30) | Q1 (Apr.1-Jun.30) | Q2 (Jul.1-Sep.30) | Q1+Q2 (Apr.1-Sep.30) | +/- | +/- % | +/- | +/- % |
| Revenue | 430 | 359 <mark></mark> | 435 | 794 | +76 | +21.2% | +5 | +1.3% |
| Cost of sales | 122 | 107 | 134 | 241 | +27 | +25.3% | +12 | +10.3% |
| Gross profit | 308 | 252 | 301 | 553 | +49 | +19.4% | -7 | -2.3% |
| R&D expenses | 210 | 180 | 165 | 345 | -15 | -8.3% | -45 | -21.5% |
| Other SG&A | 323 | 347 | 304 | 651 | -43 | -12.5% | -19 | -6.0% |
| Other income/expense | 18 | 46 | 36 | 82 | -10 | -21.1% | +18 | +100.5% |
| Operating profit | -208 | -230 | -132 | -362 | +98 | _ | +76 | - > |
| Finance income/expense | -75 | 53 | 505 | 558 | +452 | +845.9% | +580 | _ |
| Other | 10 | 110 | 135 | 245 | +25 | +22.6% | +125 | +1313% |
| Profit before tax | -273 | -66 | 508 | 442 | +574 | | +781 | |
| Profit attributable to owner of the parent | -268 | -129 | 296 | 167 | +425 | | +564 | |

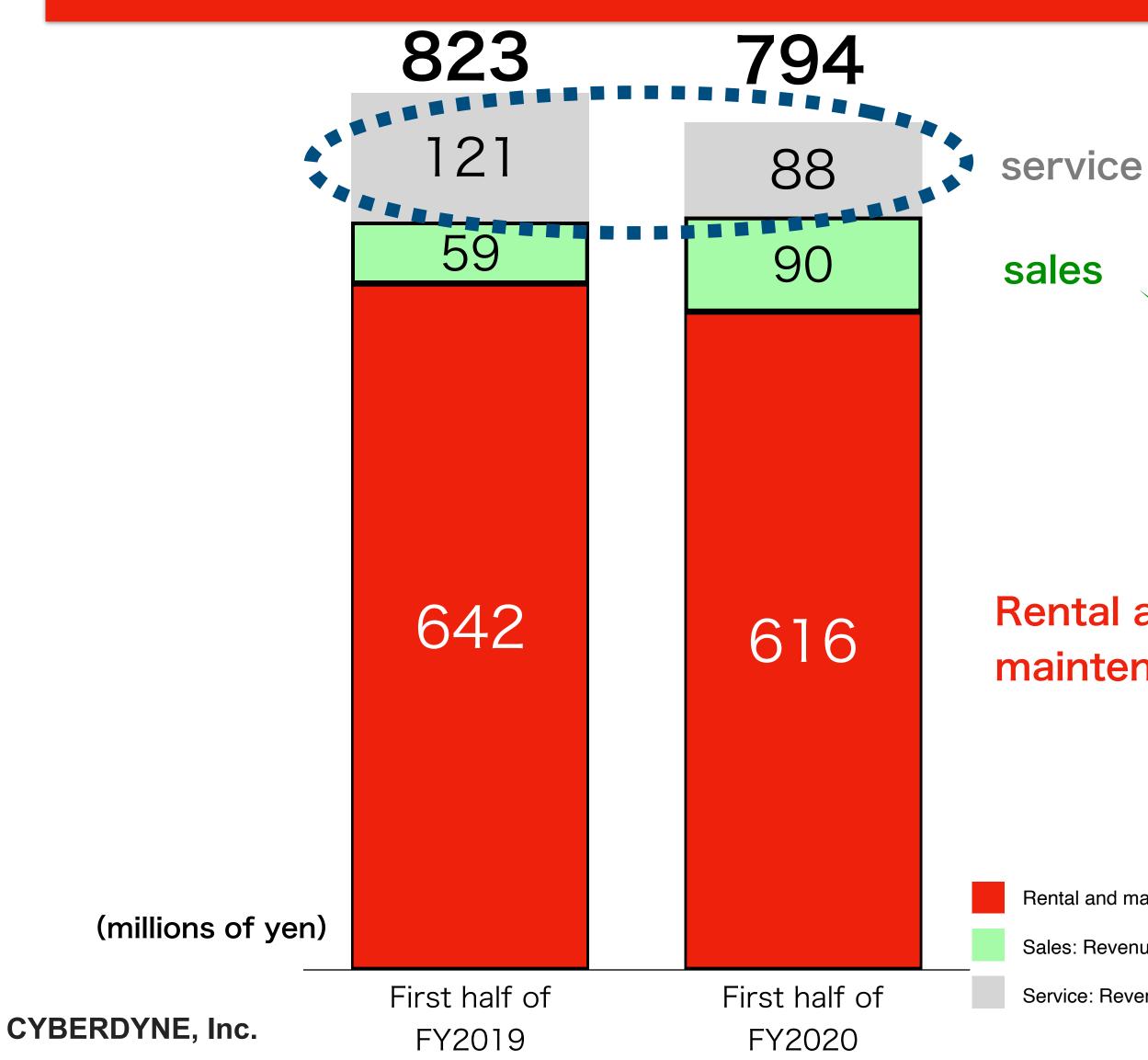






Consolidated financial results - year-on-year comparison by type of transaction

Q1 bottom, Q2 recovery, Q3 and onwards will become a plus





Prospect for FY2020 1,800~2,000 M

*Initial prospect at the beginning of the year was 1,500~2,000 M

*The prospect is based on existing products and approved diseases. Undetermined factors such as the expansion of new products and diseases are not factored in, and are not considered in the prospect

Impact of temporarily closing Robocare and German Center due to COVID-19 -33M (Q1:-42M \rightarrow Q2:+9M)

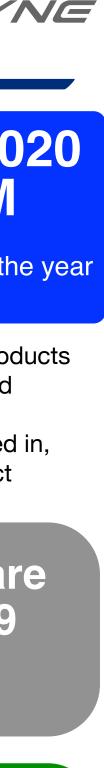
Rental and maintenance Increase from sales of COVID-19 solution such as disinfection cleaning robot +18M

Reduction of rental of HAL Lumbar Type towards airport due to COVID-19 -39M

Rental and maintenance: revenue over time

Sales: Revenue from sales at a point of time

Service: Revenue from service at a point of time



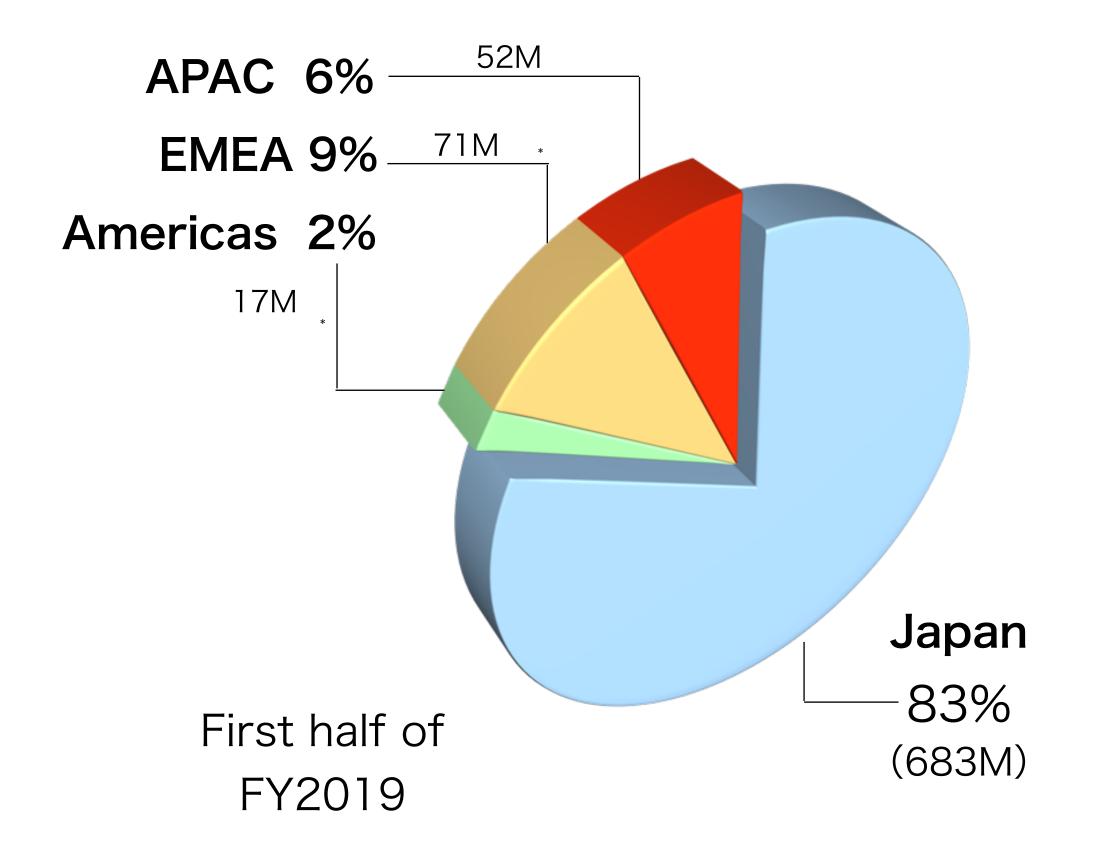






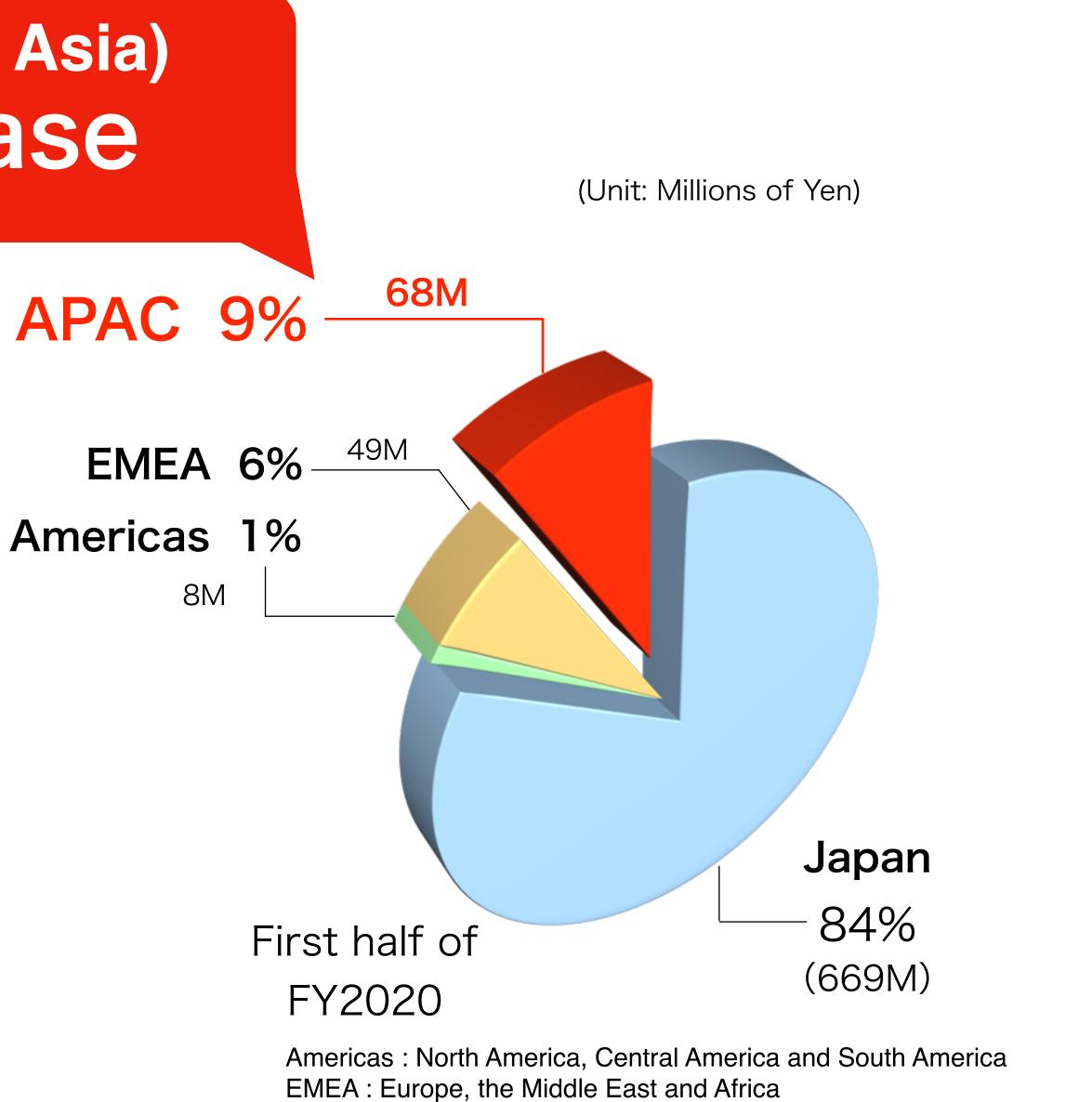
Consolidated financial results - year-on-year comparison by geographical regions

APAC (South East Asia) 31% Increase



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APAC : Asia-Pacific *Excluding Japan



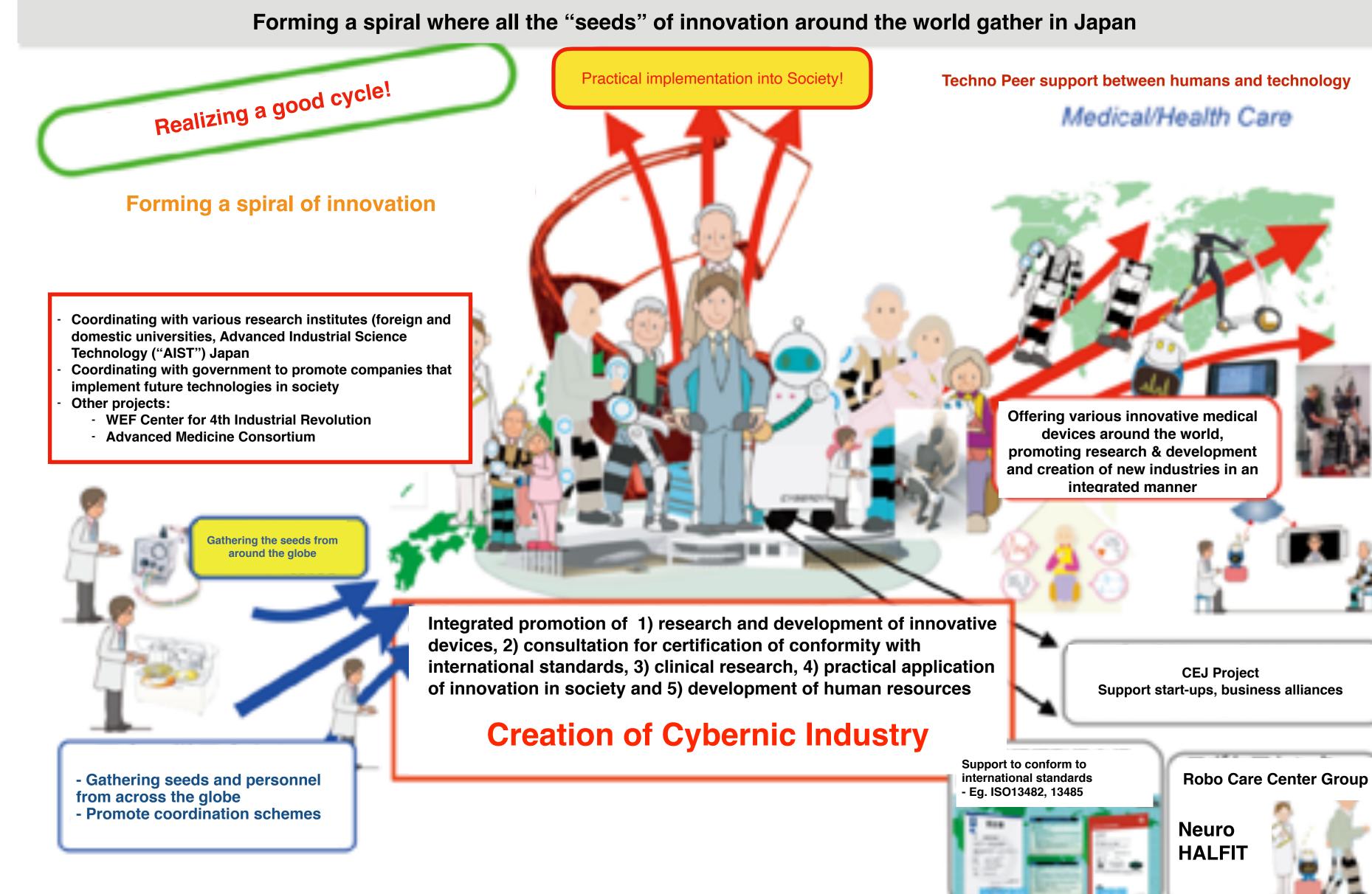


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Business strategy

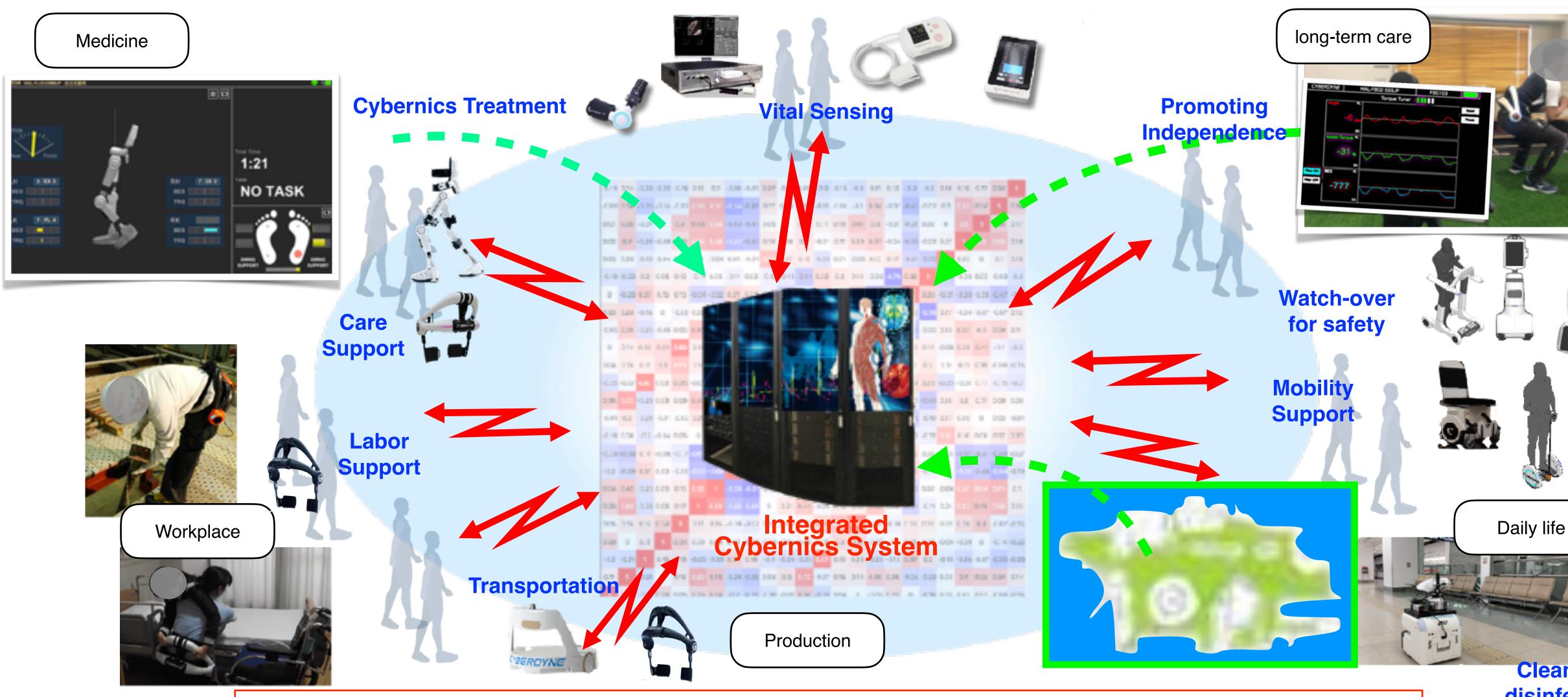


Global strategy to realize industrial and social revolution





CYBERNICS DIGITAL INDUSTRY =Fusion of "Human" + "Cyberspace" + "Physical space"



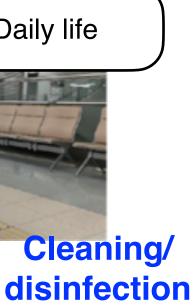
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Starting to accumulate data from IoH/IoT equipped Cybernics Devices **Formulating Integrated Cybernics System**





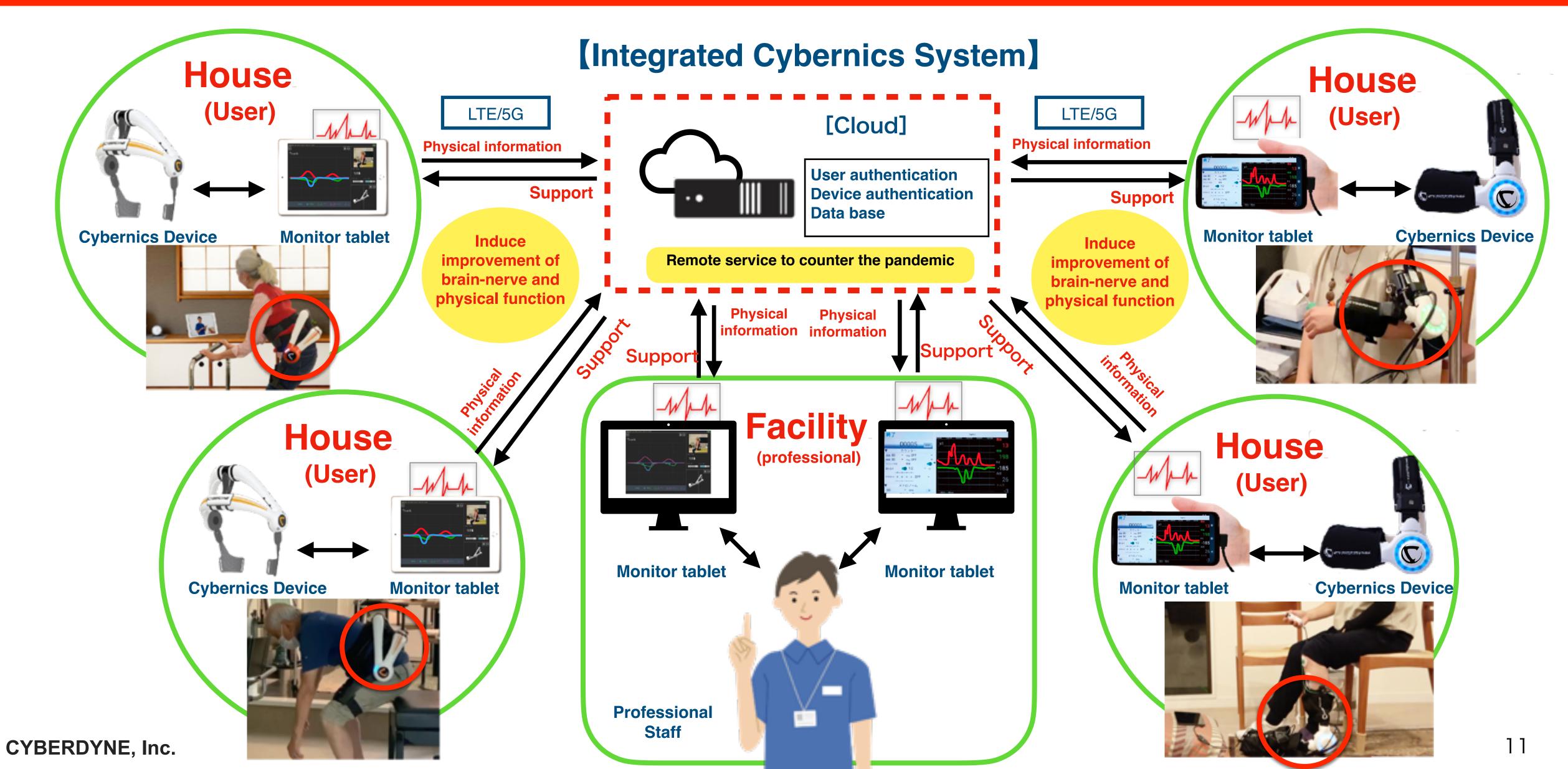






Cyberdyne Cloud System

Remote online service "Neuro HALFIT at home" that connects house and facility (hospital)







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Medical Field



Ref) Potential addressable market for Medical HAL



(*) Countries included for the calculation of EU numbers (Germany, France, Britain, Italy, Sweden)

(**) The number of neuromuscular patients in USA and EU were calculated based on 0.05M patients in Japan

(***)In addition the Group is working together with regenerative medicine and pharmaceuticals on research on the treatment of Parkinson's Disease 1.9M patient

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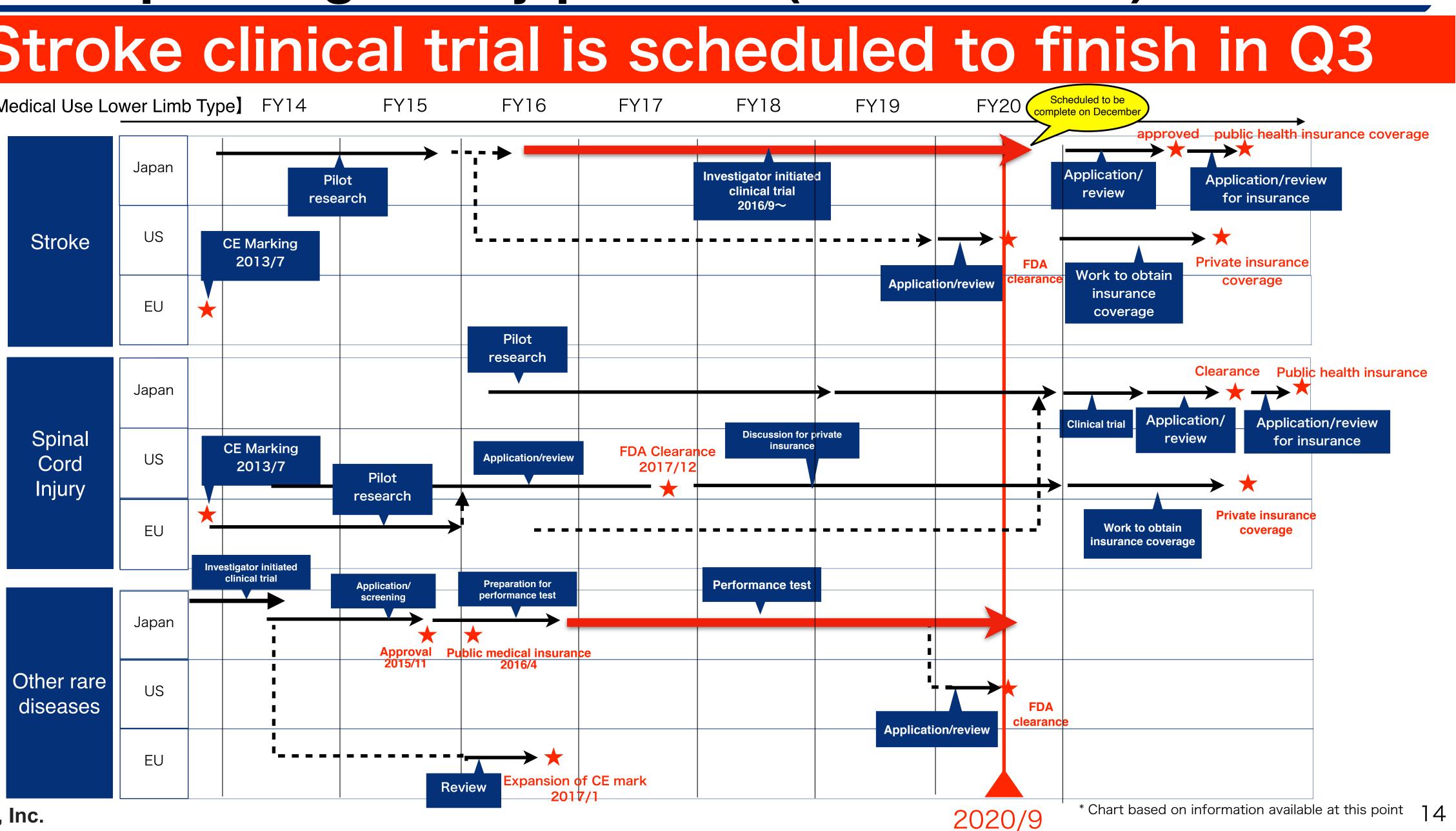
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Roadmap on regulatory process (Medical HAL)

Stroke clinical trial is scheduled to finish in Q3

(HAL for Medical Use Lower Limb Type) FY14





Status of approvals by diseases and countries

Progress in each region

[HAL for Medical Use Lower Limb Type]

| | | Stroke | Spinal Cord Injury | Neuromuscular |
|------|--------------|--------------------------------------|--------------------------------|--------------------------------|
| | Japan | Clinical trial ending in December | Discussing with the regulator | Approved |
| | USA | New! Approved | Approved | New! Approved |
| | EU | Approved | Approved | Approved |
| EMEA | Saudi Arabia | Approved | Approved | Approved |
| | Turkey | New! Tentative approval | New! Tentative approval | New! Tentative approval |
| | Malaysia | Approved | Approved | Approved |
| | Indonesia | New! Approved | New! Approved | New! Approved |
| | Thailand | New! Approved | New! Approved | New! Approved |
| APAC | Taiwan | (in progress) | New! Approved | (in progress) |
| | Singapore | (in progress) | (in progress) | (in progress) |
| | Australia | New! Approved | New! Approved | New! Approved |

CYBERDYNE of molar disease includes 8 rare disease (spinal muscular atrophy, spinal and bulbar muscular atrophy, amyotrophic lateral sclerosis, Charcot-Marie-Tooth disease, distal muscular dystrophy, inclusion body myositis, congenital myopathy, muscular dystrophy



As of November 13, 2020

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(Japan: stroke trial) current status

Completed the target cases (scheduled for completion on December 2020)

- Design of the trial: random open parallel-group comparison study • Target cases: 54 (number of subjects who passed secondary enrollment after the pre-observation period in the primary enrollment) • Outcome measures: ambulatory function (10m walking speed and 6 min walking distance)

- Participating facilities: 16 facility. Multi-site joint clinical research

| Timeline | |
|----------|------------------------------------|
| 2016/09 | Commencing investigato |
| 2020/08 | Completion of target case |
| 2020/12 | Completion of clinical tria |

Reference) UMIN-CTR registered information of clinical trial https://upload.umin.ac.jp/cgi-open-bin/ctr/ctr_view.cgi?recptno=R000028545

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Event

r initiated clinical research

es (completed recruitment of new subjects)

al (moves onto phase of data analysis)





(Japan: stroke trial) schedule

Expected to receive approval at the end of FY21 and insurance coverage on the first half of FY 22

| Timeline | |
|----------|---|
| 2020/12 | Completion of clinical trial (moves |
| 2021/06 | Completes clinical trial summary |
| 2021/07 | Submits medical device application |
| 2022/03 | Medical device approval (assumin |
| 2022/04 | Submits application for public hea |
| 2022/07 | Receives public health insurance |
| 2022/10 | Commence treatment of stroke w |

Note) The schedule above is merely forecast and it may be completed earlier or be delayed.

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Event

es onto phase of data analysis)

report (investigator submits the results to the company)

ion to PMDA to expand the target disease to stroke

ing that the review period is 8 months)

ealth insurance coverage to Ministry of Health

e coverage (assuming that the review period is 3 months)

vith HAL for Medical Use Lower Limb Type

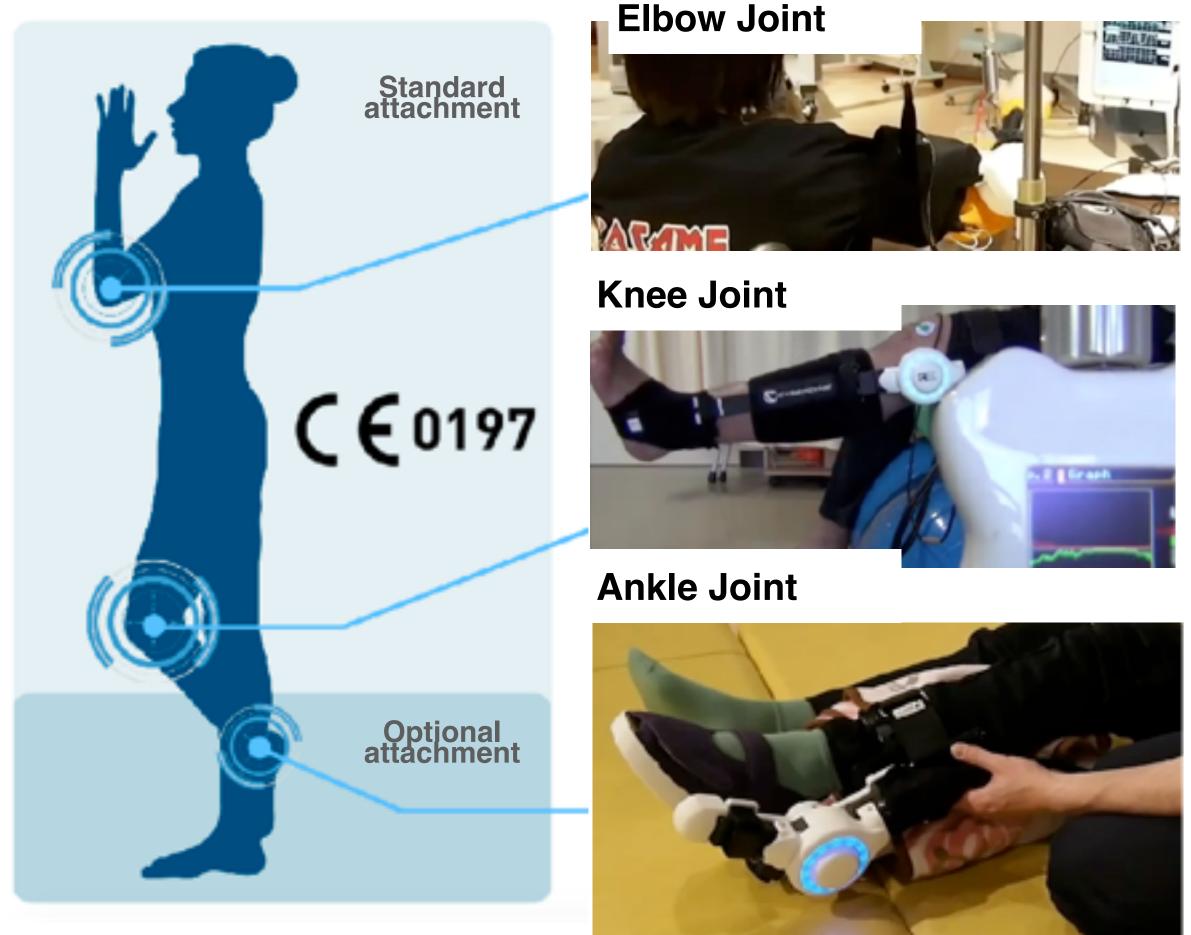




Medical device approval for HAL Single Joint Type

USA: Preparing for US FDA application

• EU: Obtained medical device approval (October 2019)



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• Japan: Medical device approval (July 2020), insurance coverage as device to increase exercise load (August 2020)

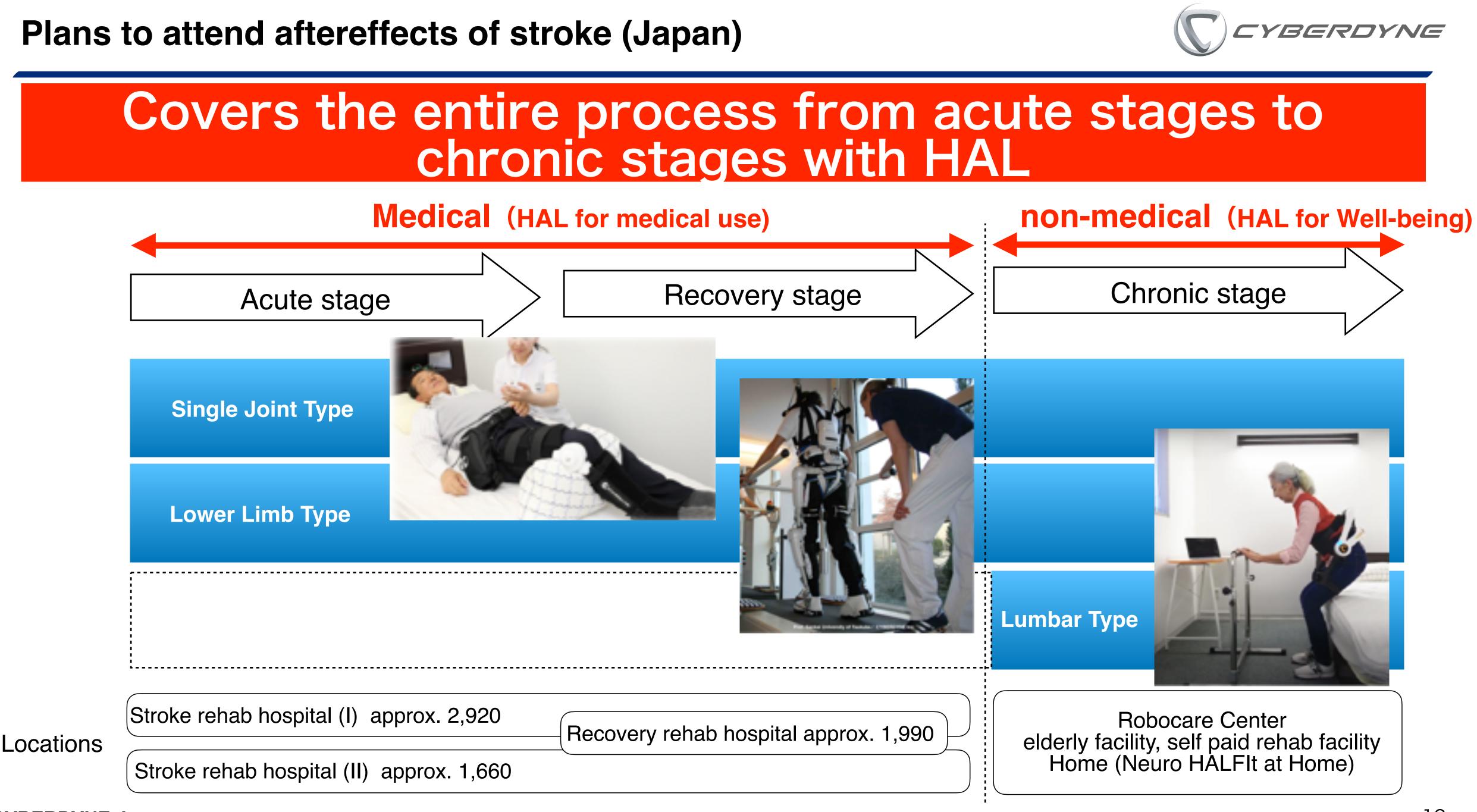


Feature

- Light weight and compact design
- Intensive treatment of different joints
- Suited for patient with various condition (can treat while laying, seated or standing)
- Can make early intervention when patient still has to stay on bed

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Covers the entire process from acute stages to chronic stages with HAL



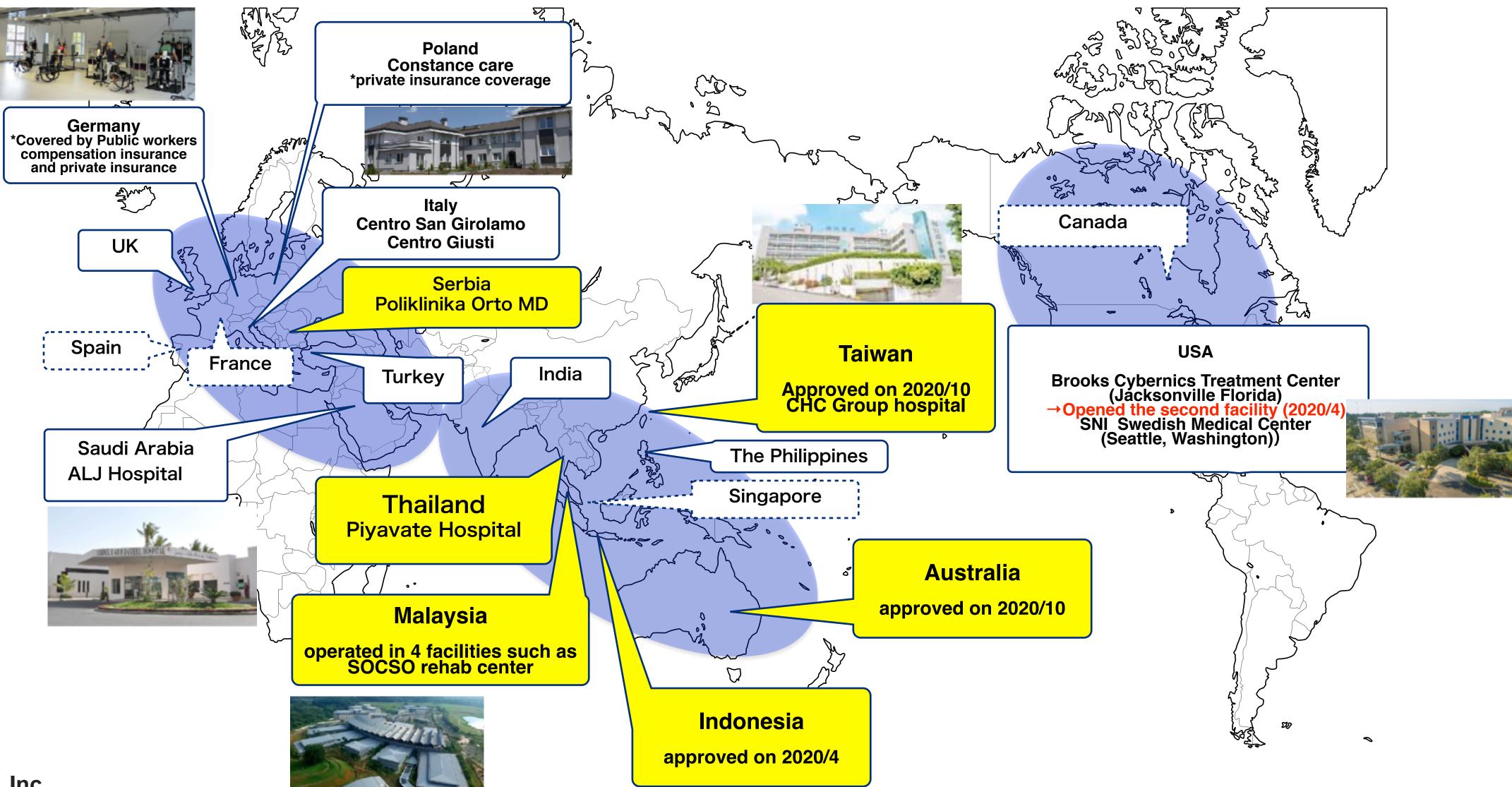
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Oversea expansion of HAL

Expecting rapid growth in APAC (specially in South East Asia)









Towards expansion of the business in the U.S.

Forming relationship with Mayo Clinic to strengthen connection with the medical society and related industry



Mayo Clinic :

The number 1 hospital in the U.S. (U.S. News & World Report 2019) Has one of best teams in the U.S. for integrated research and education Ex-presidents of the U.S. and important persons outside of U.S. received treatment at Mayo



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Keynote presentation by CEO Sankai "Neuroscience Convergence 2019" (November 8, 2019)



The Guillan-Barre Syndrome patient visited to convergence to present her experience



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(USA: FDA Clearance) Detail

Important points of the expanding FDA clearance

1) Target diseases of Medical HAL now includes "stroke" and "progressive neuromuscular disease"

1 Paralysis due to stroke

2 Paralysis due to progressive neuromuscular disease*

*spinal muscular atrophy, spinal and bulbar muscular atrophy, amyotrophic lateral sclerosis, Charcot-Marie-Tooth disease, distal muscular dystrophy, inclusion body myositis, congenital myopathy, muscular dystrophy

2) Significant treatment effect was acknowledge

1) Stroke: showed significant additional improvements for patients who no longer felt improvement in conventional rehabilitation

2 Helped patients maintain their physical function above the baseline level before starting treatment for over 1.5 years without overusing or excessively burdening the muscles when used for patients in this population.

(Note) Text related to the most notable evidence submitted to the FDA

3) Single leg-model was also cleared

This allows wider choices of treatment, such as utilizing the double-leg model for paraplegic patients and either single-leg model or double-leg model for hemiplegic patients.







(USA: FDA Clearance) medical effect towards stroke

"great additional improvement"

| FDA 510(k) Summary | Once gait function ceased to impr comparative intervention, and resu were compared to <u>show significan</u> the HAL showed great additiona group that continued conventional the control group indirectly proves recovery & rehabilitation was valid <u>provides additional improvements</u> |
|-----------------------|---|
|-----------------------|---|

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FDA 510(k) Summary

rove from conventional rehabilitation, subjects started the ults after a 5 week treatment program (5 sessions per week) at differences between the two groups. The group that used al improvement (greater than the MCID) whereas the I gait rehabilitation did not show much change. The results of s that the criteria used to identify the "end" of natural d, which in turn suggests that the treatment with HAL for patients in this population.





(USA: FDA Clearance) medical effect towards progressive neuromuscular disease

"above the baseline level before starting treatment for over 1.5 years"

| FDA 510(k) Summary | Patients with progressive neuromustype of medical device. However a temporary effects for this population depends on the type of disease and HAL helped patients maintain their the baseline level before starting finding that CK (Creatine Kinase) lessight tendency to decrease, which overuse or excessively burden t |
|-----------------------|---|

FDA 510(k) Summary

scular disease are not the typical population to use this GCP clinical trial and post market survey in Japan shows ion. Although the speed of disease progression greatly id the progression phase, as a group, treatment with the physical function (distance walked in 2 minutes) **above g treatment for over 1.5 years.** Also noteworthy was the evels did not elevate after treatment and instead showed a is suggests that treatment with HAL **does not lead to** the muscles when used for patients in this population.





Malaysia, the base for business towards ASEAN and South Asia

Cybernics Treatement Center operated by government organization (SOCSO)



HAL Lumbar Type (8 Units)





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HAL Single Joint Type (8 Units)

HAL Lower Limb Type (8 Units)

Neuro-Robotics Rehabilitation and Cybernicss Center



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Spreading of Cybernics Treatment in Malaysia

Used in four facilities

South (Melaka) Central (Kuala Lumpur) East (Kuala Terengganu) North (Kota Bharu)

60 units of HAL

Lower Limb Type 18 Units Single Joint Type 24 Units Lumbar Type 18 Units

Schedules to spread the technology further

*SOCSO (Malaysian Public Social Security Organization)

SOCSO has four functions: disability pension, survivor's pension, medical coverage and occupational injury coverage, and is compulsory for Malaysian and foreign workers in Malaysia to join the program. It provides medical compensation, disability compensation, funeral benefits, child support and nursing care benefits for illness or injury that occurs while commuting to and from work.

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Public social security system allows treatment with minimal financial burden from the patient







Largest medical device market in SE Asia: Thailand

Installation by Piyavate Hospital (Bangkok)

| "schuderer rand | | โขหน่างร้างที่ใหม่ในเพทร์ | |
|--|--------------|---|--|
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| n.A. botto d'ord paradetechder pas, for Nedical rosculorurforde ballela arfarell | | -CAUSS-ABCODI -Call services of silence enterenthilience (Coercise therapy) | |
| | | | |

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e approved in April 2020 fect of COVID-19 settles down



Indonesia: 4th most populated country **Promoting to Indonesian market with SOCSO Malaysia**

Coordinating with Indonesian Public Social Security Agency*



Presentation in Indonesia Left: CEO of SOCSO: Dr. Hafez Right: Director of BPJS Ketenagakerjaan: Krisna Syarif

Obtained medical device approval for HAL Lower Limb in 2020/4 and reached informal decision to install it to one of the largest public hospital in Indonesia

Devices will be exported as soon as restriction due to COVID-19 is lifted

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*Badan Penyelenggara Jaminan Sosial Ketenagakerjaan (BPJS Ketenagakerjaan)

Ten / United

Seminar hosted by BPJS Ketenagakerjaan

real section regimest

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Apartic champing has also one once being bring bring





Taiwan: Partnership with the largest medical device trading company (

Approved by Taiwan's regulator (TFDA) on October 2020

- 1) Introduction of HAL to Yee Zen General Hospital (CHC Group)
- 2) Distributor Agreement with Chiu Ho Medical System Company (CHC Group)



Yee Zen General Hospital

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Cybernics Treatment Center



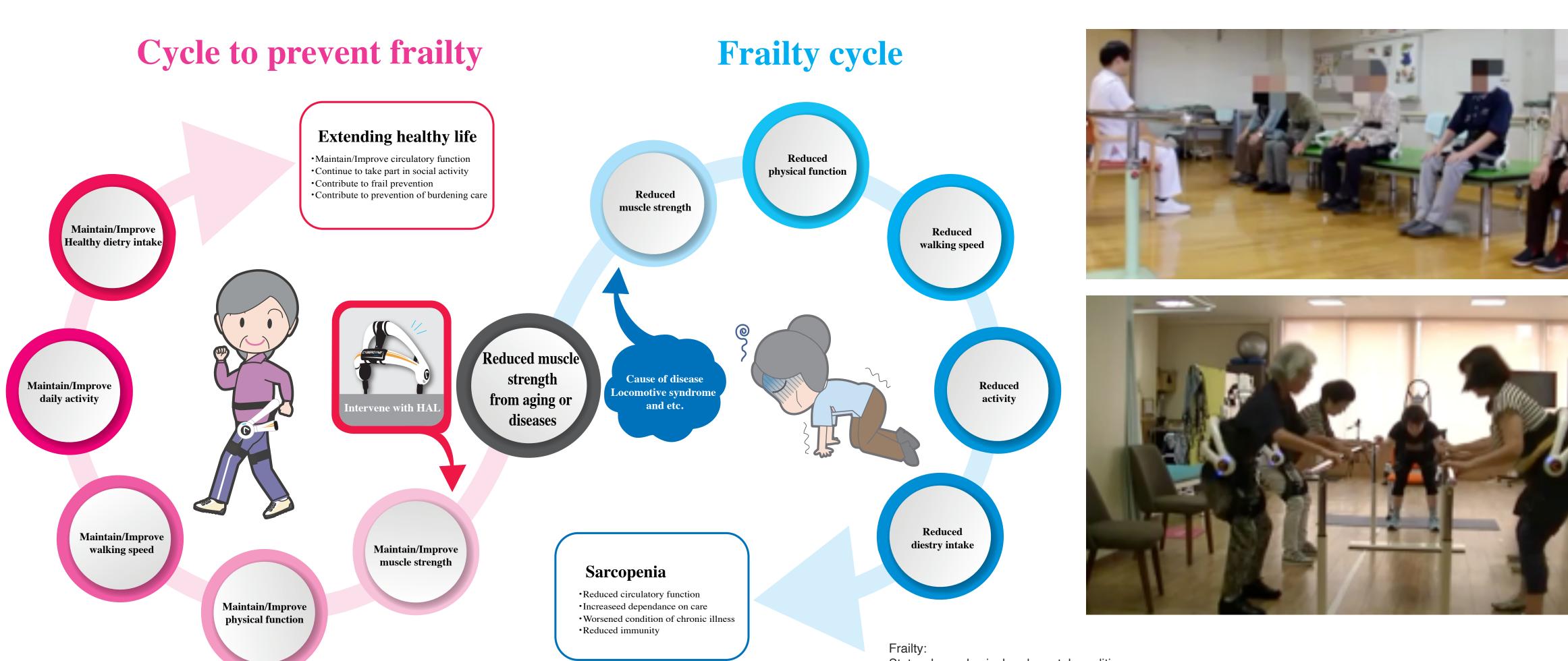
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for care givers and care receivers



Utilizing HAL for Well-being

Improves independence from care and prevents frailty



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Frailty: State where physical and mental condition is reduced, caused by aging

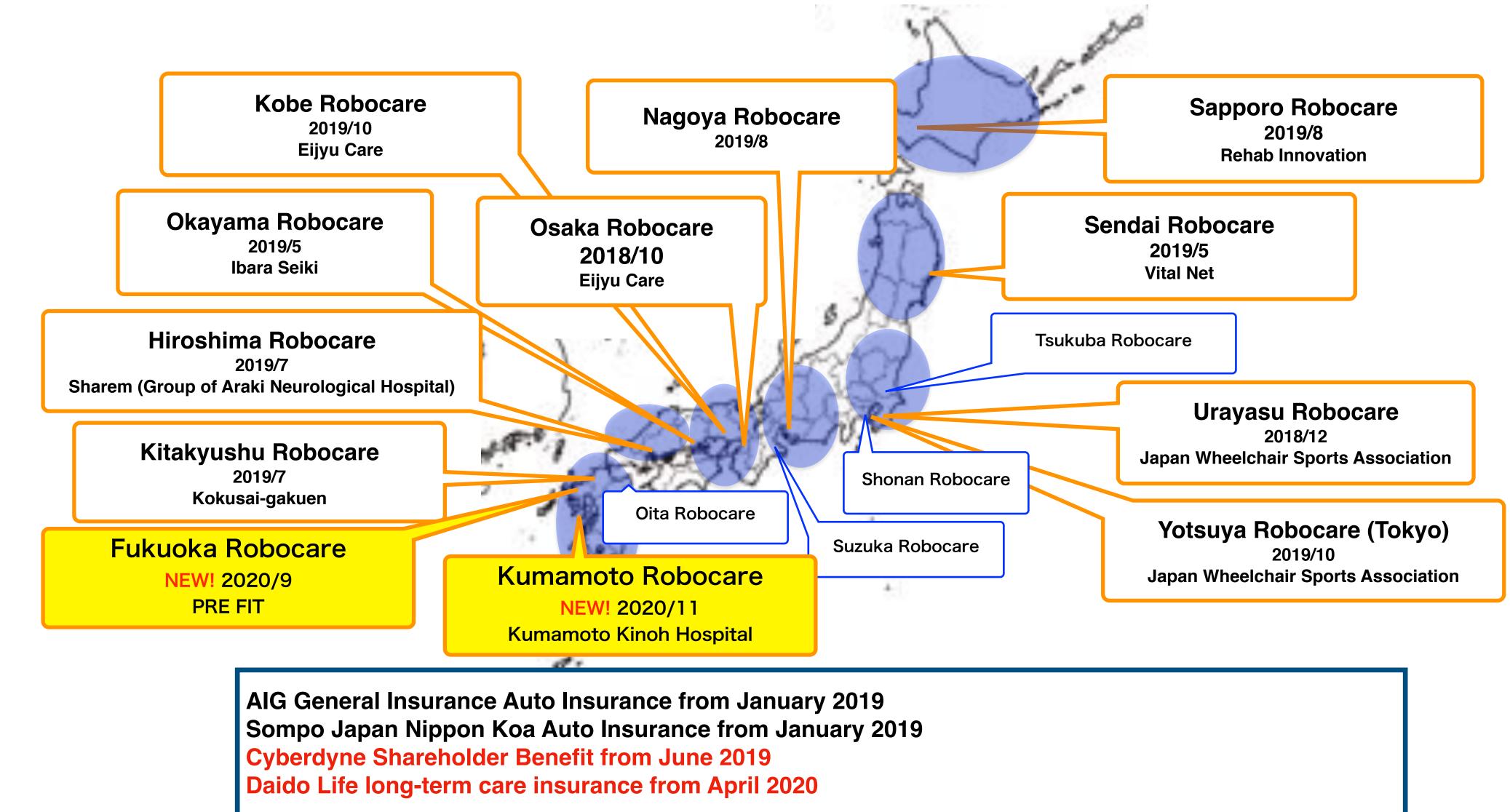






Expansion of Robocare Center as a facility for individual customers

Spreading *Neuro* **HALFIT** in Japan to 16 centers



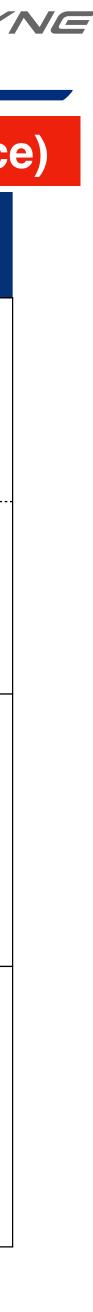


Collaboration with insurance companies

| First add-on service in relation to private insurance coverage started on April 2020 (Daido Life Insurance | | | | | |
|--|---|--|--|--|--|
| Company | Name of plan (When it started) | Insured person | Coverage | | |
| DIDO | Comprehensive Medical Insurance (July 2017) | Policy holder who were diagnosed with 8 specific types of neuromuscular disease, and received treatment with HAL Lower Limb Type | HAL Plus Rider (one time payment of ¥1 million) | | |
| DAIDO LIFE | Long-term care insurance (April 2020) | Contractor, policy holder and its family member who were certified under the public long-term care insurance system "supporting needs 1 to nursing care needs 2" | Actual cost of 3 Neuro HALFIT sessions at Robocare Centers | | |
| AIG | Automobile Workers compensation Basic accident (January 2019) | Policy holder who became paralyzed due to <u>Spinal Cord Injury</u> and etc. | Actual cost of 10 Neuro HALFIT sessions at Robocare Center | | |
| Sompo Japan | Automobile (January 2019) | Policy holder who became paralyzed due to <u>Spinal Cord Injury</u> and etc. | Actual cost of treatment with HAL ordered by a physician | | |









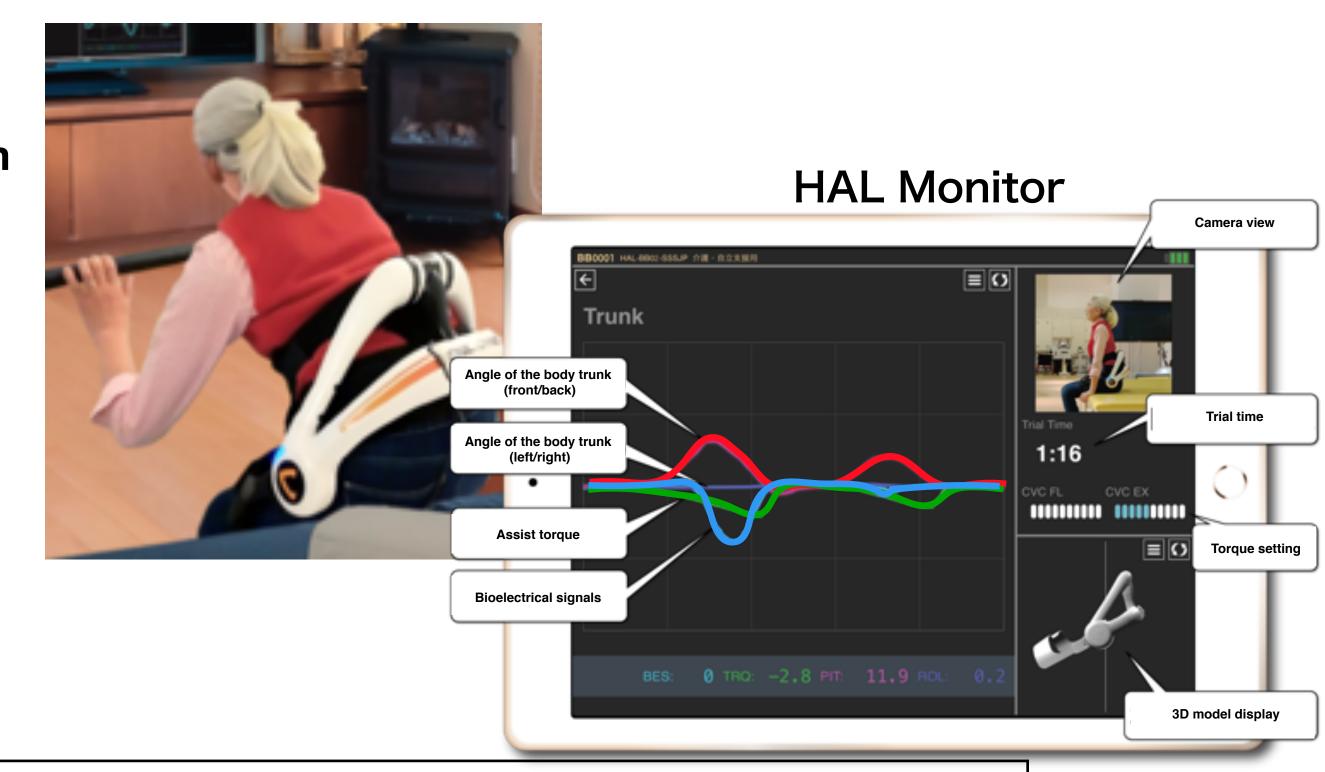
Renewal of Neuro HALFIT at home

New feature, remote support and new pricing plans Sign ups to support can be completed online

- 1) Attachment of HAL Monitor
 - Realtime/recored visualization of physical information
 - Support from the staff via monitor
- 2) All process from sign ups to support can be completed online to reduce the risk in the time of pandemic
- 3) Reasonable new pricing: ¥48 thousand

Induces improvement of brain-nerve and muscular function on daily basis at home and improve independence from care



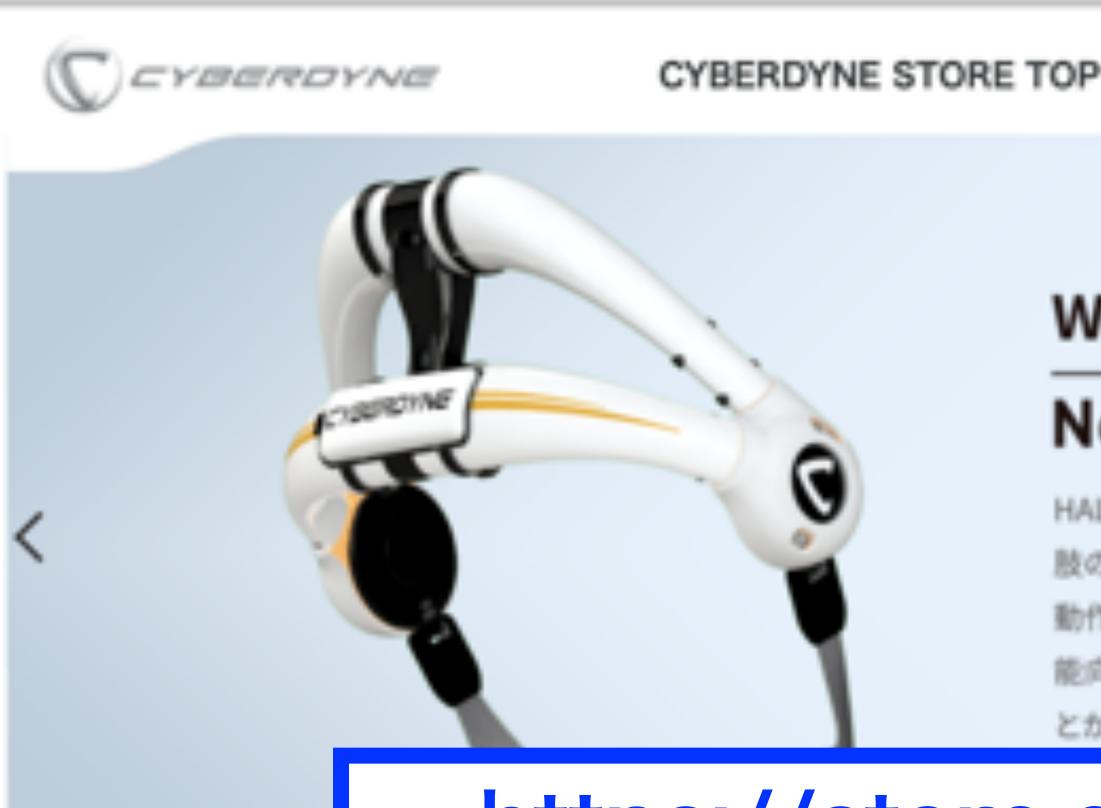






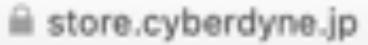
Online store "CYBERDYNE STORE"

Company's D2C Site Opened November 2020 Gradually expands service for individual users



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商品一覧

マイページ ログイン よくある質問

お問い合わ

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Webでレンタル簡単申し込み

Neuro HALFIT

HAL®腰タイプ 自立支援用は、足腰の弱った方などの体幹・下 肢の運動をアシストする装着型サイボーグです。装着して体幹 動作や立ち座り動作を繰り返すことによって身体そのものの機 能向上を促すため、HAL®を外した状態での自立度を高めるこ とが期待できます。

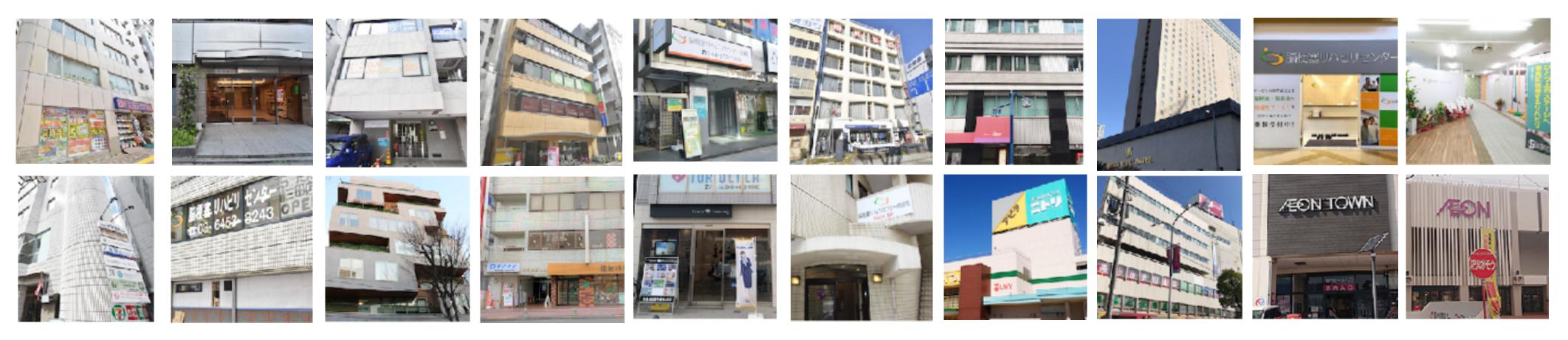
https://store.cyberdyne.jp



Alliance with Y's, Inc. (m3 group)

HAL is now available at the biggest operator of self paid rehab coordinating for "*Neuro HALFIT* at home" as well

Y's Rehab Center operated by Y's, Inc. (m3 group)



1) Program using HAL Single Joint and HAL Lumbar will start in Y's Rehab Center (6 facilities from November. Will be gradually expanded to more facilities) 2) Coordinating for "*Neuro HALFIT* at home" as well





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Daily life and work places



Feature of HAL Lumbar Type for Labor Support

Advantage of HAL in construction sites, etc.

- management of productivity (productivity) Safety

- 1. Lightest (3.1kg) active type device \rightarrow can be worn for long hours (productivity) 2. Compact → can be worn with full body safety belts and air-conditioned clothes 3. Assists walking → makes travel between locations smooth productivit 4. Can travel during crouch posture \rightarrow Adapts to various tasks (productivity) 5. IoH/IoT Device → Visualizes workload and operation status, and enables total 6. Wearable Cyborg \rightarrow Moves according to the wearers intention (productivity) 7. Can be worn in 10 seconds \rightarrow Can be taken off and on easily, can be shared with other workers (productivity)

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8. Waterproof/dustproof (IEC standard IP54) \rightarrow Can be used outside, even in rain

productivity















HAL Lumbar used by paramedics

Device adopted by firefighting department of Ebina, Kamakura and Tsukuba



3)Level of assistance that is suited for heavy lifting work 4)Dustproof and waterproof

Handling stretchers



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- 1)Light weight and compact design, so that it could be comfortably be worn by female paramedics
- 2)Shape of the product that does not get in the way during their work

5)Previous record of being adopted by Ebina City Fire Department

During ambulance transport

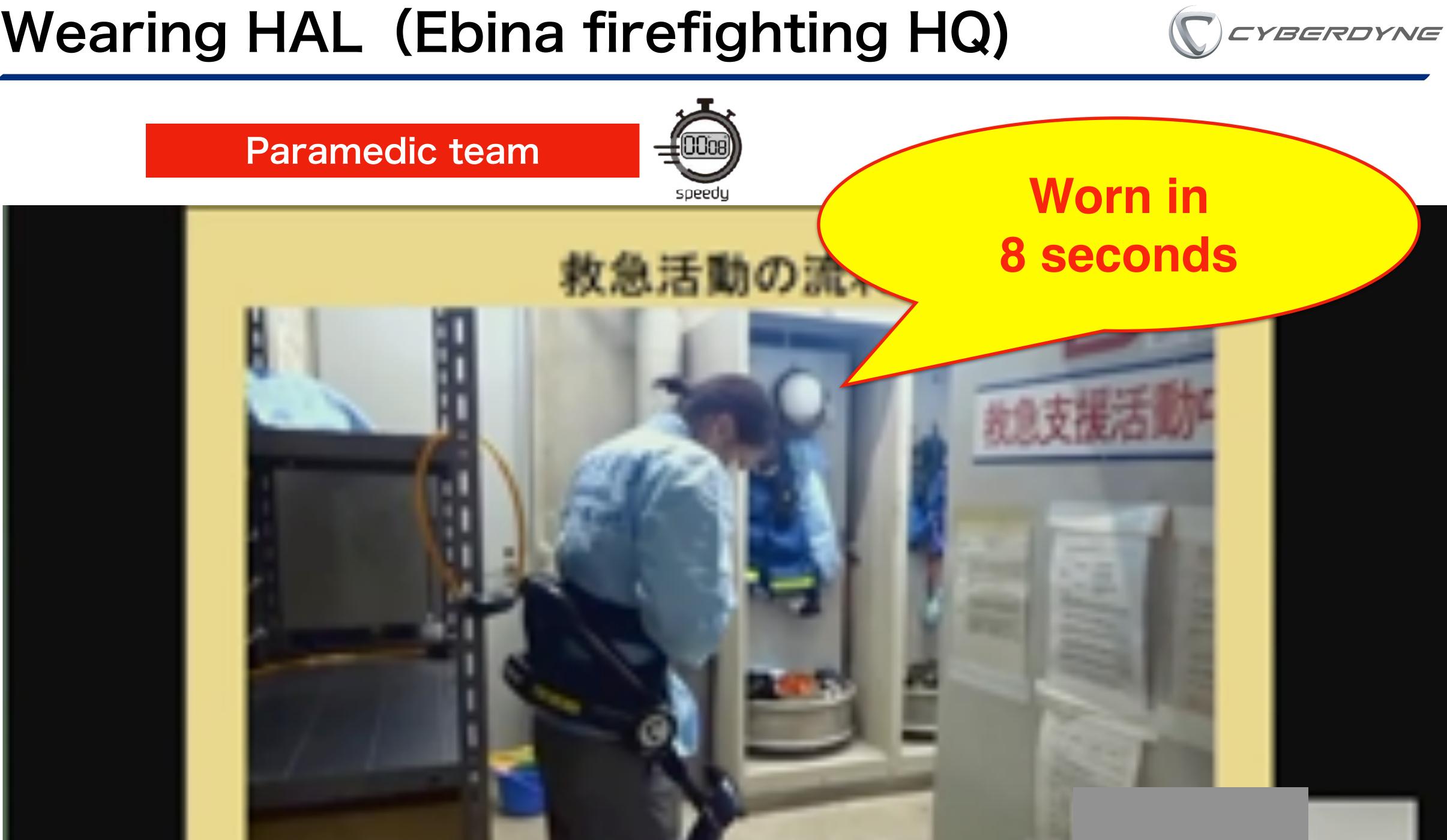








Wearing HAL (Ebina firefighting HQ)





HAL Labor Support: Supporting recovery

Deployed 30 units to Kumamoto and Oita, which took heavy damage from the rain in July 2020

Deployed to help the locals, who were unable to gain support from people outside due to travel restriction from COVID-19

Kumamoto (5 places) 20 units Oita (3 places) 10 units



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Optional LTE Communication Function enables remote management

Cloud









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HAL Labor Support: Record of supporting recovery

August 2018 2 units to Mabi (Okayama) to support Cyberdyne staff and Sompo Japan Nipponkoa Staff restore covered roads September+October 2018 2 units to Kaita (Hiroshima) to support Cyberdyne staff restore dirt in shrine September 2019 10 units to Omachi (Saga) to support ANA and Cyberdyne staff restore damaged houses October 2019 Daigo (Ibaraki) 6 units to support Cyberdyne and local volunteers restore damaged houses

July to November 2020 20 units to Hitoyoshi, Yatsushiro, Aso, Amakusa and Tamana (Kumamoto) to support local volunteers July to September 2020 10 units to Kokonoe and Yufuin (Oita) to support local volunteers

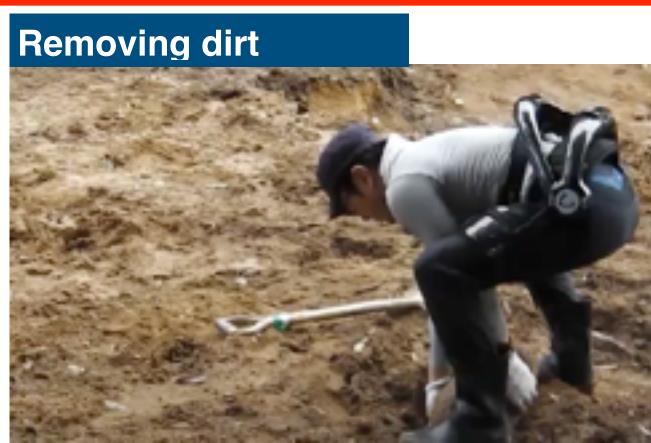


mud scraping work with a shovel



- July 2018 14 units to Mabi and Takahashi (Okayama) to support Cyberdyne staff and local volunteers restore damaged houses
- November 2019 3 units to Sagamiko and Tsukuiko area (Kanagawa) to support Cyberdyne staff and local volunteers working on recovery efforts 2 0 2











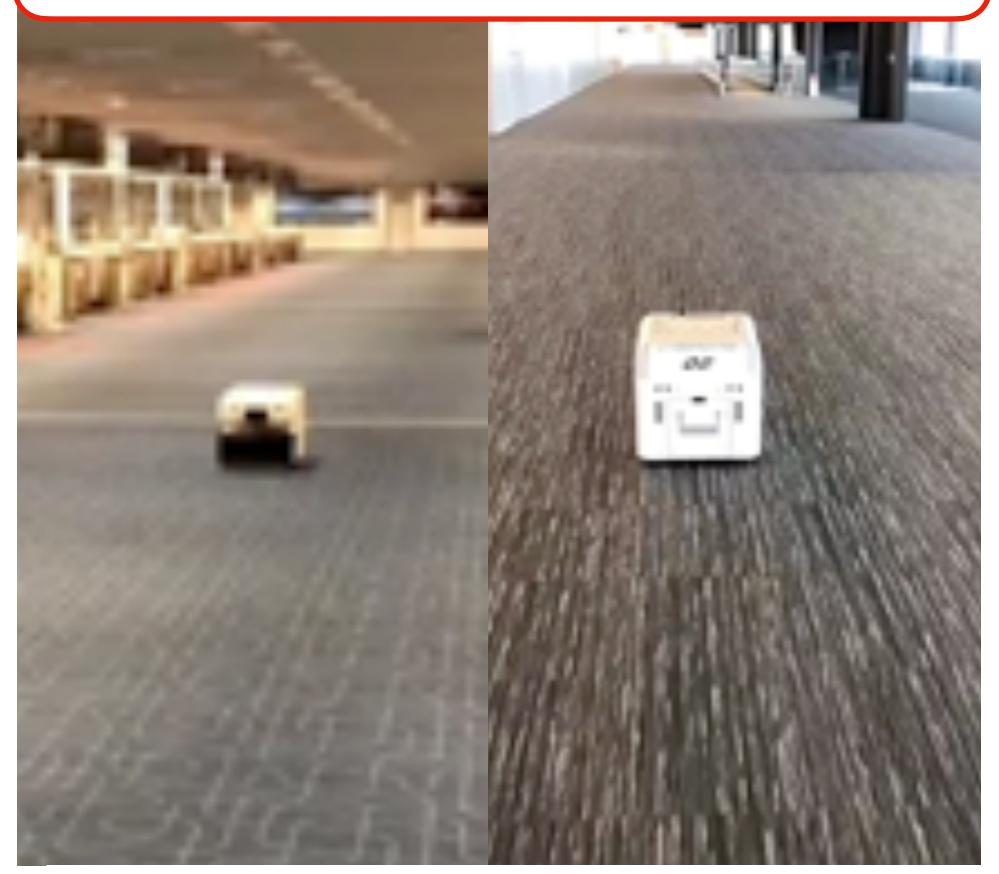




Cleaning Robot : Practical installation in airports (8 in Haneda, 10 in Narita)

Autonomous navigation with SLAM* at the highest level

Covers wide area at the max speed of 4km/h **Capacity : Max 3,000m² in two hours**



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Haneda Airport **Terminal 2**

Narita Airport International Terminal

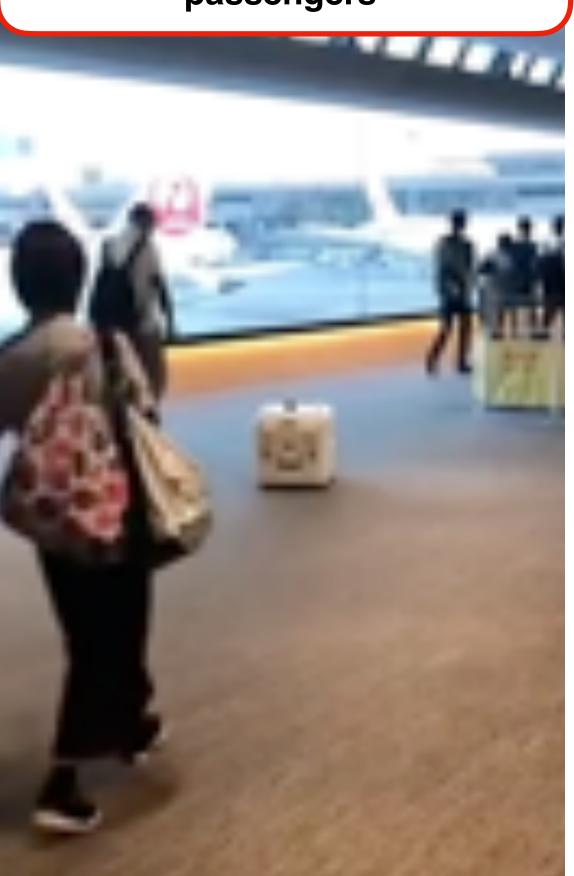


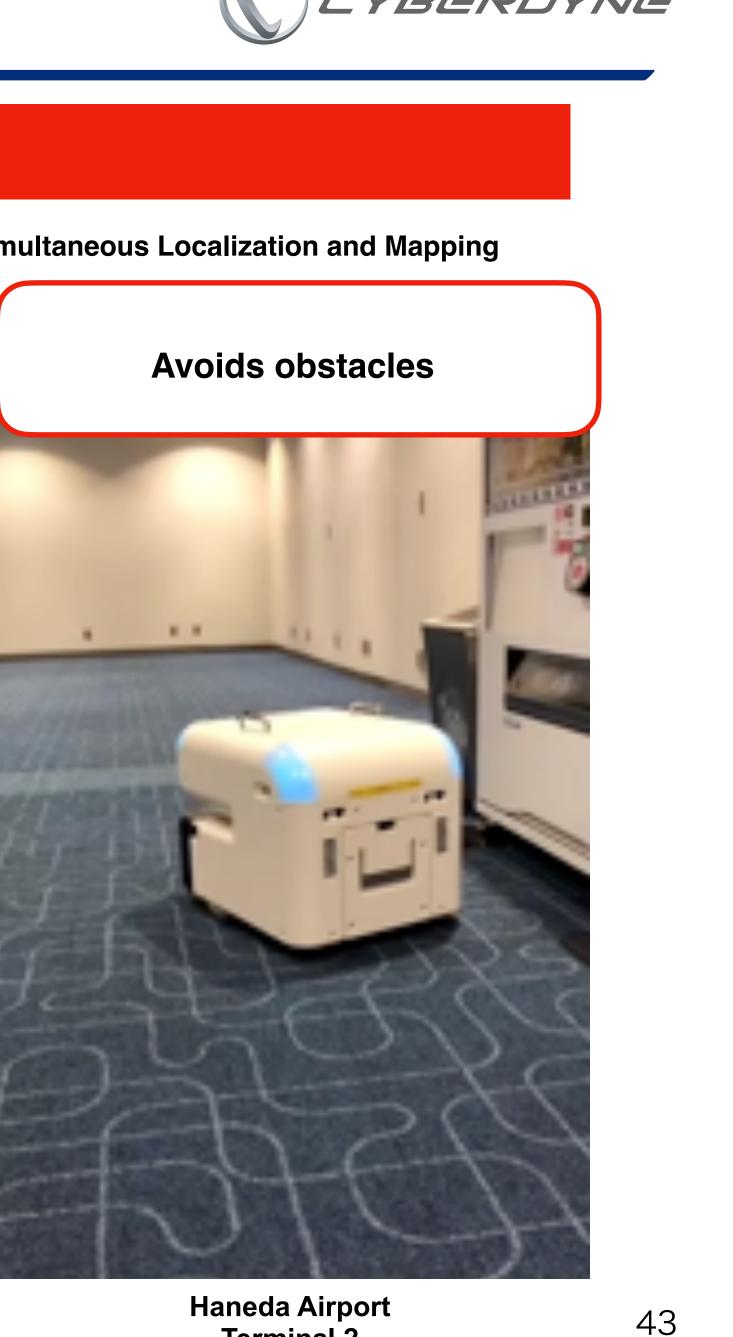
Automates cleaning at airport

*SLAM stands for Simultaneous Localization and Mapping

Navigates safely around passengers

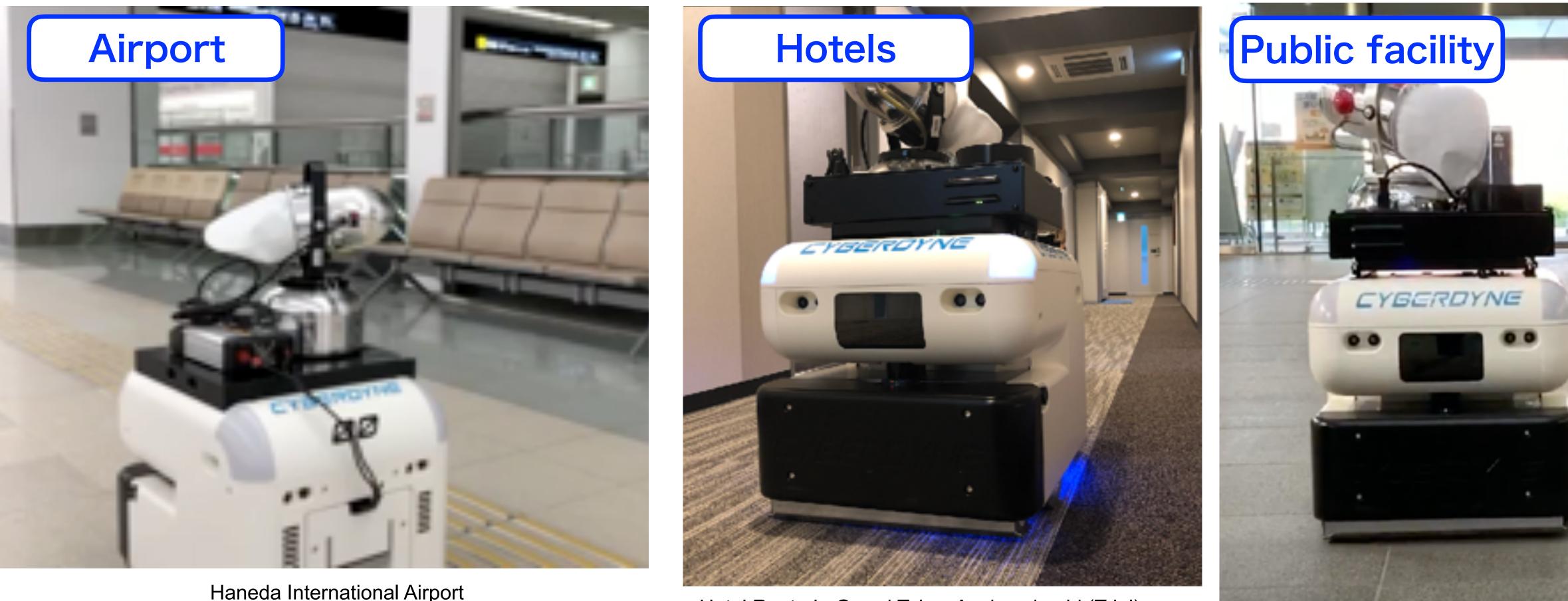






Narita Airport International terminal Haneda Airport **Terminal 2**

COVID-19 Countermeasure- Disinfection Cleaning Robot (2020/4 \sim)



Haneda International Airport

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Hotel Route In Grand Tokyo Asakusabashi (Trial)

"CL02" mounted with a unit to spray disinfection agent and UV Ray lights on the bottom to disinfect virus on floors Realizes contactless and automated cleaning/disinfection

Tsukuba City Hall





Utilizes the network with the railway industry owned by Nippon Signals to install autonomous navigated solutions of the Company



2020/5/22 Nikkan Kogyo Shimbun

Business Alliance with Nippon Signals (2020/5~)







Coordination with elevator (Tokyu Community)

Significantly expands the area that the robot can travel autonomously Realizes further automation and efficiency of cleaning and disinfection



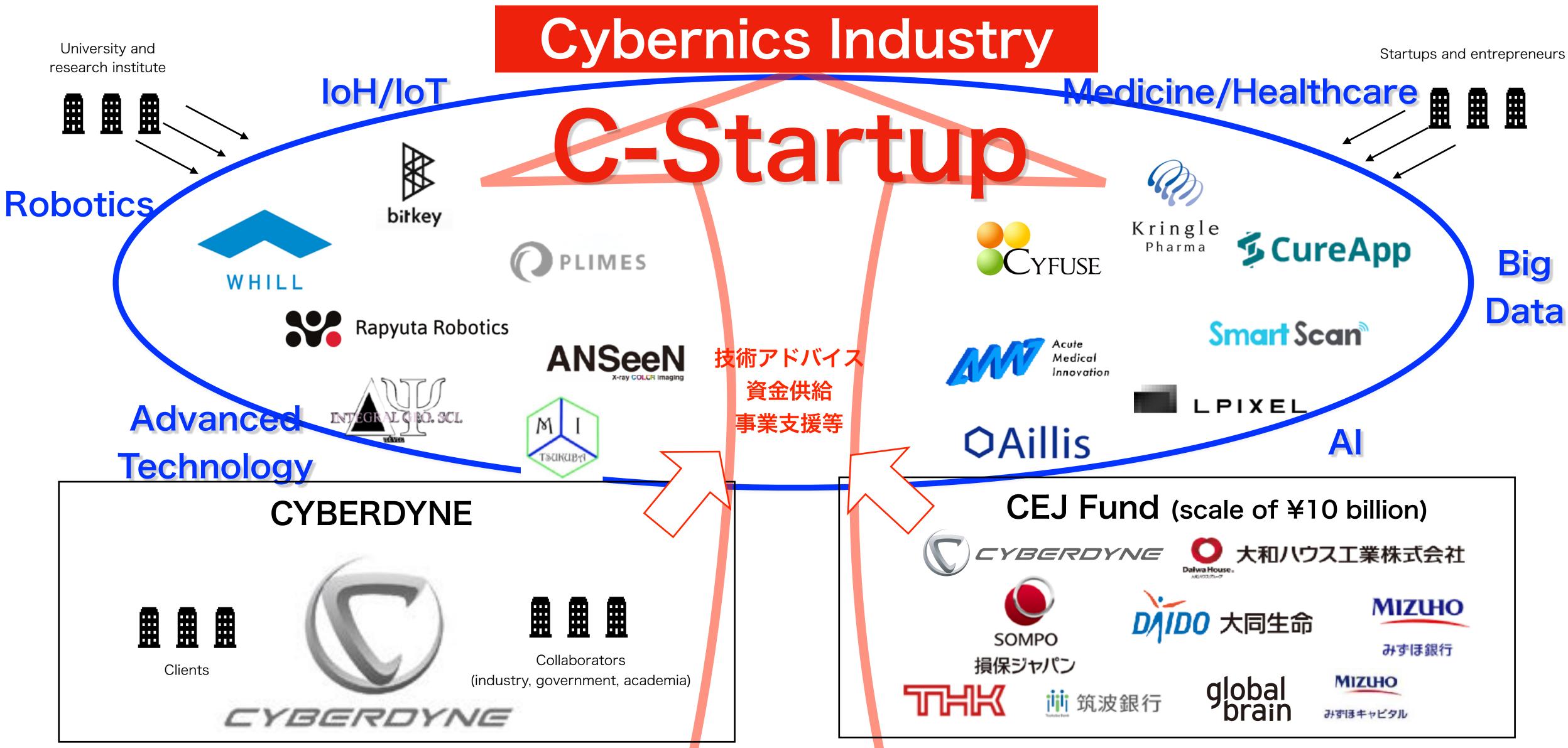








C-Startup Innovation ecosystem to create Cybernics Industry

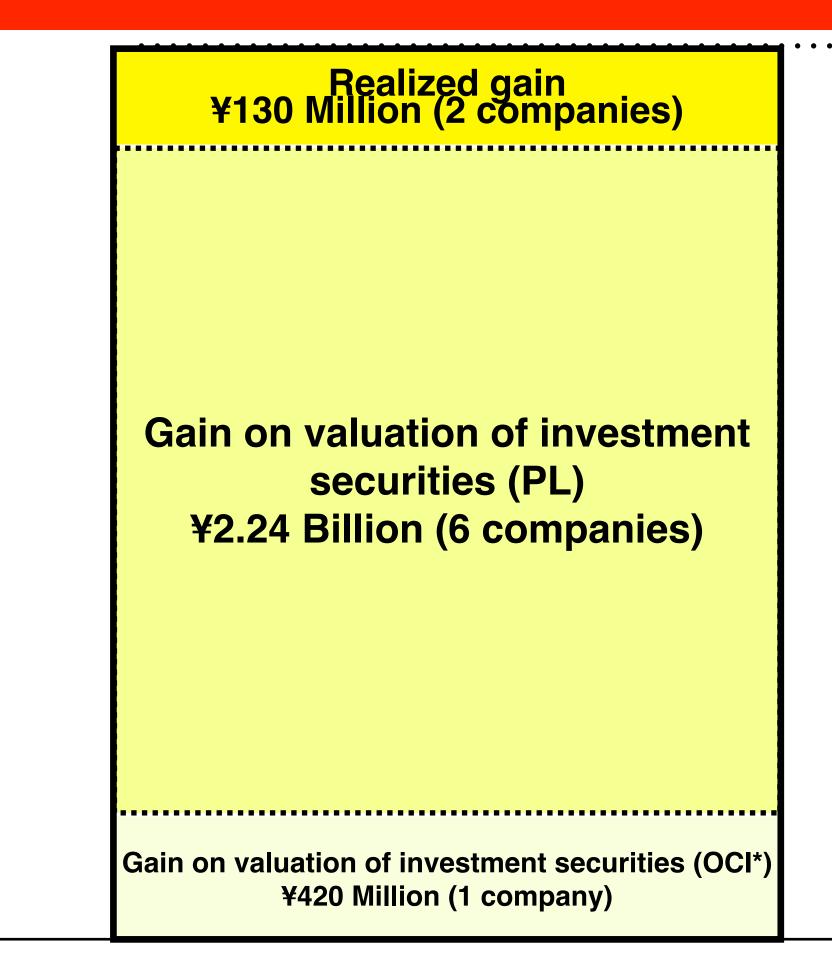






(Ref) Investment towards C-Startup





Valuation increase (+2.79 billion)

* OCI : Profit posted in other comprehensive income instead of net income (PL) (Ref) Investment with no valuation difference at this point: CYBERDYNE : 8 companies, CEJ Fund 5 companies

CYBERDYNE, Inc.



Result of strategical investment towards C - Start up based on business alliance



Accumulated profit from investment **¥2.69 Billion**

In comparison to the end of March 2020 +¥960M

Loss on valuation of investment securities (PL) 1 company

Valuation decrease (-¥100 million)





This presentation contains forward-looking statements concerning CYBERDYNE, Inc. and its Group's future plans, strategies and performance. Forward-looking statements contained in this presentation are based on information currently available and on certain assumption redeemed rational at the time of creation of this presentation. As such, due to various risks and uncertainties, the statements and assumption does not guarantee future performance, may be considered differently from alternative perspectives and may differ from the actual result.

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