

Consolidated Financial Result Briefing for the Fiscal Year Ended March 31, 2021

CYBERDYNE Inc. May 14, 2021



CYBERDYNE, Inc.

Consolidated Financial Statement



Consolidated financial results - year-on-year comparison for the fiscal year ended March 31, 2021

Revenue: ¥1 Profit before Profit: ¥-59	,875 Millio e tax: ¥408 Million (Imp	n (+4.6%) Million (Im proved by ¥	proved by 93M)	y ¥317M)	Impact of COVID-19 year on year
(Unit: Millions of Yen)					 Sales +148M (Mainly disinfection/cleaning rob Rental -42M (Mainly HAL Lumbar towards air)
	FY2019 (Apr.1-Mar.31)	FY2020 (Apr.1-Mar.31)	+/-	+/-%	- Service -22M (Mainly Robocare and treatment
Revenue (Gross profit)	1,792 (1,300)	1,875 (1,283)	+83 (-17)	+4.6%	SG&A year on year R&D Expenses -123M (amortization of R&D equipm Other SG&A -175M (decrease of size-based busi
Operating profit	-1,039	-700	+339		Other income +43M (Consigned research and gran
Profit before tax	91	408	+317	+348.9%	Revenue related to investment security 593 (Detail) Gain on valuation +1,264M (finance income/gain related to the security 593) Tax effect -445M (corporate income tax)
Profit attributable to owners of the parent	-152	-59	+93		Reclassification -226M (third party interest in CEJ Ref) Revenue related to invest security in the previous year 526M (net)











Quarterly results

Q1 Bottom, Q2 • Q3 Recovery trend, Q4 significant increase of revenue year on year

[Consolidated statement of profit or loss]

	FY2019	FY2020			Year o	n year		
	Fiscal year end	Q1	Q2	Q3	Q4	Fiscal year end	+/-	+/-%
Revenue (year on year)	1,792	359 ★ (▲8.8%)	435 (+1.3%)	453 (+2.3%)	628 (+19.2%)	1,875 (+4.6%)	+83	+
Cost of sales	492	107	134	147	203	591	+99	+2
Gross profit	1,300	252	301	305	425	1,283	-17	
R&D expenses	812	180	165	165	179	689	-123	_
Other SG&A	1,646	347	304	307	513	1,471	-175	
Other income/expense	120	46	36	30	64	176	+56	+4
Operating profit	-1,039	-230	-132	-136	-203	-700	+339	
Finance income/expense	1,084	53	505	4	205	768	-316	-2
Other	46	110	135	79	16	341	+295	+64
Profit before tax	91	-66	508	-52	19	408	+317	+34
Profit attributable to owner of the parent	-152	-129	296	-86	-140	-59	+93	

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(Unit: Millions of Yen)



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Consolidated financial result by type of transaction and prospect

Despite the impact of COVID-19







Revenue from rental and maintenance

- year-on-year comparison

Steady increase of HAL for Medical Use Lower Limb and HAL Lumbar Type for Well-being (millions of yen) **FY2019 FY2020** Led by increase in **APAC** region 471 491 39% 222 196 15% 119 127 10% **Increase mainly from** 226 245 19% **APAC and rental towards** individual users in Japan 214 129 10% 49 61 5% 24 2% 13 1,315 100% 1,273

Product		FY2018
For hospitals	HAL Lower Limb Type (medical)	384
(to improve patient's physical function)	HAL Lower Limb Type (non-medical)	232
	HAL Single Joint Type	108
For Well-being	HAL Lumbar Type	201
For Labor Support	For Labor Support HAL Lumbar Type	
Autonomo (disinfection/cle	16	
Other		5
Total		1,167









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



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APAC : Asia-Pacific *Revenue from Japan is stated separately



HAL in APAC region

The number of HAL installed in APAC has tippled year on year (30 units to 96 units)

	Number of operating HAL at the end of FY2019				Number of operating HAL at the end of FY2020			
	Lower Limb	Single Joint	Lumbar	Total	Lower Limb	Single Joint	Lumbar	Total
Malaysia	8	14	4	26	22	28	22	72
Thailand	-	-	-	0	2	-	-	2
Indonesia	_	-	_	0	2	-	-	2
Philippines	_	-	-	0	_	6	3	9
India	_	-	-	0	3	2	1	6
Taiwan	_	-	4	4	2	_	1	3
Australia	_	-	-	0	2	-	-	2
Total	8	14	8	30	33	36	27	96





Ref) by geographical regions and type of transaction

	Rental and maintenance	Sales	Service	Total
Japan	1,052	280	218	1,550
Americas	16			16
EMEA	65		44	109
APAC	140	53	6	200
Total	1,273	333	268	1,875

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(Unit: Millions of yen)



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Ref) Number of operating units

	End of FY2016	End of FY2017	End of FY2018	End of FY2019	End of FY2020
HAL Lower Limb (Medical)	188	257	291	310	351
HAL Lower Limby (Non-medical)	422	398	357	357	342
HAL Single Joint	208	234	252	300	391
HAL Lumbar (Well-being)	714	847	919	951	1,074
HAL Lumbar (Labor Support)	274	372	572	624	459
Cleaning/disinfection/ Transportation Robot	21	27	44	75	141
Total	1,827	2,135	2,435	2,617	2,758

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(単位:台)







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Business strategy

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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)





Growth scenario



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Time





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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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Spinal Cord Injury	Neuromuscular diseases	Market Size
Preparing for application 0.2	Approved 0.05	1.5 Million
Approved 0.3	Approved 0.15	7.3 Million
Approved 0.3	Approved 0.15	2.3 Million
D.8 Million	0.4 Million (**)	11.1 Million

(Ref) New Energy and Industrial Technology Development Organization (2013), Ministry of Health, Labour and Welfare of Japan (2011), Translational Research Informatics Center (2014), American Heart Association (2010), National Spinal Cord Injury Statistical Center (2013), The Patient Education Institute, Inc. (2010). Parkinson's Disease Foundation (2010)

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Roadmap on regulatory process of Medical HAL

Performance test for neuromuscular disease and stroke clinical trial is finished

[HAL for Medical Use Lower Limb Type] FY14 FY15 FY16



Status of approvals by diseases and countries

Progress in each region

[HAL for Medical Use Lower Limb Type]

		Stroke	Spinal Cord Injury	Neuromuscular disease*
	Japan	Clinical trial completed 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! Approved	New! Approved	New! Approved
	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	New! Approved	New! Approved	New! Approved
	Australia	New! Approved	New! Approved	New! Approved

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*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 March 31, 2021

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Result of performance test on progressive neuromuscular disease

Results indicated high effect and safety of Medical HAL

[Outline] Collected, analyzed and evaluated large amount of data collected in the test

Target	Spinal muscular atrophy, spinal and bulbar Tooth disease, distal muscular dystrophy, in
Test period	November 26, 2015~November 25, 2020 (5 y
No. Hospitals	20 hospitals
No. cases	218 patients (total of 6,486 treatment sessio

[Result] as the result is epoch-making, detailed data will be published as a medical journal

Efficacy	Ambulatory function exceeded the level at t
assessment	*Because of the progressive nature of the d
Safety assessment	Muscle tissue destruction tended to decrease *Muscle destruction usually progresses with



muscular atrophy, amyotrophic lateral sclerosis, Charcot-Marienclusion body myositis, congenital myopathy, muscular dystrophy

vears)

ns)

the start of treatment until the end of the test period lisease, the gait function usually declines gradually

se due to the reduction of overexerted movements h conventional exercise therapy







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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Oversea expansion of HAL

Expecting rapid growth in APAC (Asia-Pacifics)







Competitive advantage of HAL Lower Limb

US FDA acknowledges significant effect of HAL

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

(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





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

Source: FDA 510(k) Summary https://www.accessdata.fda.gov/cdrh_docs/pdf20/K201559.pdf



(USA: FDA Clearance) stroke

"great additional improvement"

FDA	51	0(k)	
Sun	nm	arv	

Once gait function ceased to improve from conventional rehabilitation, subjects started the comparative intervention, and results after a 5 week treatment program (5 sessions per week) were compared to show significant differences between the two groups. The group that used the HAL showed great additional improvement (greater than the MCID) whereas the group that continued conventional gait rehabilitation did not show much change. The results of the control group indirectly proves that the criteria used to identify the "end" of natural recovery & rehabilitation was valid, which in turn suggests that the treatment with HAL provides additional improvements for patients in this population.



FDA 510(k) Summary





(USA: FDA Clearance) progressive neuromuscular disease

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

<section-header><section-header></section-header></section-header>	Patients with progressive neuromutype of medical device. However a temporary effects for this populati depends on the type of disease an HAL helped patients maintain their the baseline level before starting finding that CK (Creatine Kinase) less slight tendency to decrease, which overuse or excessively burden tendency to decrease.



FDA 510(k) Summary

uscular 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 ad the progression phase, as a group, treatment with the <u>physical function (distance walked in 2 minutes)</u> **above** of treatment for over 1.5 years. Also <u>noteworthy was the</u> evels did not elevate after treatment and instead showed a a suggests that <u>treatment with HAL</u> 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 five facilities

South (Melaka) Central (2 facilities in Kuala Lumpur) East (Kuala Terengganu) North (Kota Bharu)

72 units of HAL

Lower Limb Type 22 Units Single Joint Type 28 Units Lumbar Type 22 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







Indonesia

Installed to the largest public hospital in Indonesia

- **Obtained medical device approval for HAL Lower Limb Type on April 2020**
- 2)



Photo of the hospital (cited from the website of the hospital)

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Exported HAL to Dr. Cipto Mangunkusumo National Central Public Hospital on March 2021

Dr. Cipto Mangunkusumo National Central Public Hospital

The hospital is known to be one of the largest national public hospitals in Indonesia. The hospital serves as a teaching hospital for the University of Indonesia, and it is said to be the nation's leading teaching hospital. The hospital is run by the Indonesian Ministry of Health, making the hospital well-resourced with advanced diagnostic and therapeutic medical technology.



Thailand

HAL installed in advanced to major private hospital in Bangkok

Obtained medical device approval for HAL Lower Limb Type on April 2020 Piyavate hospital commenced Cybernics Treatment on August 2020









India

Major private hospital in New Delhi installed 6 units of HAL



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*IBS Hospital

Established in the year 2011, IBS Hospitals (Managed by Sri Neurocare Pvt. Ltd.) have managed to create a niche in providing advanced medical care in the field of neurosciences. The Hospital specializes in advanced neurology, neurosurgery, spine surgery, and joint replacement surgeries, and the hospital provides the service to many patients, including foreign patients that visits India for medical tourism.



Taiwan

Cybernics Treatment Center opened in CHC Group Hospital on March 2021

1) Obtained medical device approval for HAL Lower Limb Type on October 2020

2) CHC Group (medical device training company) commenced marketing of HAL



Yee Zen Cybernics Treatment Center opening ceremony Photo on the left: 2nd from the left Mr. Cheng Wen-tsan, the Mayor of Taoyuan City Photo on the left: 3nd from the left Mr. Peter Tien-Ying Lee, Director of the Yee Zen General Hospital Photo on the right: Director Lee explaining the technology to members of the government







Australia

Robot opens as a facility for Cybernics Treatment on May 2021

Obtained medical device approval for HAL Lower Limb Type on October 2020 RoboFit opened as a facility for Cybernics Treatment on May 2021



Demonstration at the Launch event

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Husband-and-wife duo Maryanne Harris and Daniel Hillyer





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for care givers and care receivers



Providing HAL towards stroke survivors in Japan

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





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





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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Rental service towards individuals: Neuro HALFIT at Home

Prevents the need for care by improving the function of the brain-nerve-muscular system through daily training at home

HAL is data-linked with the Cyberdyne Cloud, which visualizes biopotential signals that command body movements and posture information, etc. This system enables the wearer to obtain visual feedback and allows the trains to customize a program for each user based on the results of data analysis.

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Image of use

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Daily life and work places

Competitive advantage of HAL Lumbar Type for Labor Support

Advantage of HAL in construction sites, etc.

- productivi management of productivity productivity Safety Can be worn in 10 seconds → Can be taken off and on easily, can be shared with

- 1. Lightest (3.1kg) active type device \rightarrow can be worn for long hours (productivity) 2. Compact \rightarrow can be worn with full body safety belts and air-conditioned clothes 3. Assists walking → makes travel between locations smooth productivity 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)
- other workers productivity

Η

A

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

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 3)Level of assistance that is suited for heavy lifting work 4)Dustproof and waterproof 5)Previous record of being adopted by Ebina City Fire Department

Handling stretchers

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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

HAL Labor Support: Record of supporting recovery

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

Cleaning Robot : Practical installation in airports

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)

"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

Haneda International Airport

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Hotel Route In Grand Tokyo Asakusabashi (Trial)

Tsukuba City Hall

Business Alliance with Nippon Signals (2020/5 \sim)

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

Coordination with elevator (Tokyu Community)

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

Competitive advantage of Cleaning Robot

High autonomous navigation ability enables efficient operations on multiple floors

single charge

Our elevator interface unit links the robot to a multi-bender type elevator allowing the robot to move between floors autonomously

Disinfects handrails and benches by spraying disinfection agents. The robot can also sanitize floor surfaces using the ultraviolet irradiation function located on the bottom and vacuuming up germs from dust

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Capable of cleaning up to 3,000 square meters quickly on a

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SDGs for Society5.0/5.1

Four projects that contributes to achieving SDGs

Develop Cybernics Technology to support people with reduced physical function

Main initiatives

- Disseminate Cybernics Treatment that promotes functional improvement and regeneration of the brain, nervous system, and muscular system using a Wearable Cyborg HAL, as a global standard treatment
- Disseminate Wearable Cyborg HAL to improve the level of care required by the elderly and prevent severe illness and prevent frailty and maintain independence as physical functions decline with age
- Develop Cyin for Living Support for people with severe disabilities who cannot speak or write as they wish due to the progression of intractable diseases to communicate and operate machines without speech or physical movement

Health Risk Management with Cyberdyne Cloud

Main initiatives

- Develop Cyberdyne Cloud to accumulate, analyze, and perform AI processing of big data on people and things (IoH/IoT big data) obtained through all Cybernics Technologies equipped with communication functions
- Realize personalized healthcare through
 Cyberdyne Cloud
- Develop sensing technology to monitor vital information daily
- Develop HAL at Home as a new service that can share user's information on their training sessions conducted at home using HAL with medical and care facilities

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YBERNICS DIGITAL INDUSTRY

AND INFRASTRUCTURE

Form social infrastructure to create the Cybernics Industry

Main initiatives

- Establish a system to support companies and human resources that develop and deploy technologies and services that solve social problems
- Construct Cybernics Innovation Base to promote innovation in the medical and biotechnology fields
- Continue the projects at the Next-generation multi-purpose robotized production facility to induce innovation in the production field

Realize Society 5.0/5.1, a future society that accelerates innovation

Main initiatives

- Develop mobility technologies that are safe, affordable, and ready for use by all people
- Develop a future city where all people, including the elderly and disabled, can easily access public spaces.
- Establish educational institutions that develop knowledge and skills to help people.
- Create shared spaces that promote innovation and scientific research and areas for field testing

Develop Cybernic Technology to support people with reduced physical function

Main target

10.2 by 2030 empower and promote the social, economic and political inclusion of all irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status

By developing the Wearable Cyborg HAL for medical and welfare fields, and Cyin for Well-being to support severely disabled to communicate their intentions, we are supporting the elderly and disabled person by maintaining and improving their functions. We also help them express what they have in mind.

We also develop another type of HAL to support people engaged in heavy work.

This project promotes the empowerment of these people and their social, economic, and political inclusion.

Cybernics Treatment Center and Medical HAL

Cyin for Living Support to support severely disabled person on their communication

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HAL Lumbar Type to support various heavy work

Disseminating Medical HAL as a global standard treatment

As of the end of March 2021. HAL for Medical Use is available in 16 countries and regions, including Southeast Asia and South Asia, as a treatment technology for stroke, spinal cord injury, and intractable neuromuscular diseases.

We will continue to disseminate the technology.

Post-discharge care at the Robocare Center

For those who want to keep improving their physical functions after they get discharged from the hospital, we offer Neuro HALFIT at self-funded rehabilitation facilities called RoboCare Center. As of the end of March 2021, they are 16 centers around Japan. A user can also access similar programs at selffunded rehabilitation facilities with which we have cooperative relationships.

In addition, we have formed alliances with private insurance companies such as Daido Life, AIG Insurance, and Sompo Japan to cover the cost of such programs for their policyholders.

We will continue our efforts to improve physical and economic access.

Improving the working environment

Job turnover due to the onset of back pain and the deterioration of performance caused by frequent heavy lifting is becoming a significant issue in nursing care, construction, and logistics.

The Company develops HAL Lumbar Type to reduce the risk of developing back pain by reducing the load applied to the lower back. The technology empowers people engaged in heavy lifting and enables the worker to continue working longer and safer.

As of the end of March 2021, 1,533 units of HAL Lumbar Type were in operation.

This product is currently available in Japan and the UK. We will continue to disseminate the technology to more countries and regions.

Supporting communication for the severely disabled

We develop Cyin for Living Support, which enables people with severe disabilities who cannot speak or move their bodies due to the progression of intractable diseases to communicate and operate devices.

The product is available on the market. Daido Life Insurance donated the product to several patient groups and patient support groups to promote this endeavor.

We will continue to work on additional functions and offer the product outside of Japan once it is ready.

Health Risk Management with Cyberdyne Cloud

Main target

3.d Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks

Our contribution

Cybernics Technology deployed in various fields such as medicine, nursingcare, production, and other workplaces with households, integrally connects people's internal information (brain nerve information, physiological information, etc.), people's external information (behavioral information, lifestyle information, etc.), and environmental information with a supercomputer.

The Company works on the system that accumulates, analyzes, and AI processes all the IoH/IoT Big Data obtained through this process, contributing to personalized medicine, early warning of health risks, and enhancing risk mitigation and risk management capabilities.

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Release of Cyberdyne Cloud

The Company develops Cyberdyne Cloud to connect different fields and provide feedback on health risks based on IoH/IoT Big Data. In Japan, a system that allows users to send information on their training sessions from home to a facility and receive timely support from the facility is already in operation from November 2020.

We will continue to expand this system to other fields according to the development of products and services. We will also offer the system outside Japan to contribute to health management in all countries, including developing countries.

Realizing personalized healthcare

By accumulating, analyzing, and Alprocessing IoH/IoT Big Data related to a single user across different fields, we will realize personalized healthcare that will maximize the effect and safety of that user.

This initiative is being carried out simultaneously with the formation of IoH/IoT Big Data for all users. We will continue to expand this system to other fields according to the development of products and services. We will also offer the system outside Japan to contribute to health management in all countries, including developing countries.

Developing vital sensing technology

In addition to developing the Wearable Cyborg HAL and autonomous navigation technology, we are developing sensing technology to prevent and detect diseases.

For example, a palm-sized vital sensor to detect arteriosclerosis and arrhythmia at an early stage, a compact device to measure electrocardiograms, and a photoacoustic imaging device to enable real-time analysis of capillary information.

By promoting these products, we will accumulate important vital information that will lead to the prevention and early detection of diseases, thereby contributing to the enhancement of capabilities for health risk management.

New service: HAL at Home

In April 2020, we launched a new service, HAL at Home. This service can create exercise opportunities, which many people lost due to the voluntary restraint from going out because of COVID-19.

The service became a new option for safe and effective training that the user can practice at home. HAL at Home also realized the visualization of exercise information and remote online support by professional staff through HAL's built-in communication functions.

HAL at Home is only available in Japan at this point. We will prepare to launch the service in other countries.

Form social infrastructure to create the Cybernic Industry

Main target

9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries

Our contribution

We are working to create an inclusive and sustainable industry called Cybernics Industry by building an innovation ecosystem called C-Startup and facilities to accelerate innovation in medicine/biotechnology and production.

C-Startup, the foundation for the creation of new industries

C-Startup is an innovation ecosystem to create a new industry for solving problems of people and society: Cybernics Industry. We work together with startups and entrepreneurs with similar visions, regardless of their nationalities.

We accelerate creating the Cybernics Industry by providing technical advice by Yoshiyuki Sankai (CEO of CYBERDYNE/Professor of Tsukuba University) and financial support by CYBERDYNE and its related Fund. As part of this initiative, we have formed partnerships with a total of 18 startups and are managing a 10

billion yen fund to support this endeavor.

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Promoting the vision of the Cybernics Industry

The Company promotes the vision of the Cybernics Industry, a new industry that fuses Human and Cyber/Physical Space, both domestically and internationally. With this initiative, we are leading the efforts to form Cybernics Industry together with industry, academia, and government.

For example, in 2019, we communicated this vision to various countries at the G20 Trade and Digital Economic Ministerial Meeting held in Tsukuba City, Ibaraki Prefecture.

We will continue to share our vision of the Cybernics

Industry as a foundation for industrial and technological

G20 delegates visit CYBERDYNE HQ (2019)

Construction of Cybernics Medical Innovation Base

We plan to construct the Cybernics Innovation Base in Kawasaki City, Kanagawa Prefecture, as a facility to accelerate innovation in the medical and biotechnology fields. The facility will house a cluster of medical and biotechnology ventures. The Company, universities, and resident companies can conduct a clinical trial in the facility on their own and through collaboration.

The facility will be constructed adjacent to Haneda International Airport in February 2022.

Exterior image

Activities at the Next-Generation Multipurpose Robotic Manufacturing Base

In Koriyama City, Fukushima Prefecture, we have constructed a next-generation production base to produce robots and devices with Cybernics Technology. In this facility, the Company embedded the skills of experienced workers into the robots so the robots and human workers can work in harmony.

The Company constructed the facility in 2016 and completed a registration to manufacture medical devices in 2020.

Exterior of the facility

Realize Society 5.0/5.1, a future society that accelerates innovation

Main target

11.2 by 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

by 2030, provide 11.7 access to safe, universal inclusive and accessible, green and public spaces, particularly for women and children, older persons and persons with disabilities

Our contribution

Using innovative Cybernics Technology, we promote the fusion of Human and Cyber/Physical Space to create Society 5.0/5.1. We envision this future society as a techno-peer-supported society where technology and human support each other as partners.

Creation of Society 5.0/5.1

Society 5.0 is a concept first proposed in Japan's Fifth Science and Technology Basic Plan as the ideal future society. In this society, science and technology connect all people and things, sharing various knowledge and information to create new values never seen before.

We contribute to the creation of Society 5.0 by implementing Cybernics Technology in the various business fields to integrate internal information (brain nerve information, physiological information, etc.), people's external information (behavioral information, lifestyle information, etc.), and environmental information with a supercomputer. As one of the leaders in this challenge, we work to explore the society beyond Society 5.0/5.1.

perspective drawing of the future city

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Mobility Infrastructure

We are working on personal mobility and drones for transportation that is safe, inexpensive, and easy to use, taking into consideration the needs of the elderly and disabled living in the community.

We are also planning cities based on the premise of introducing mobility, which will shorten travel time and create new connections and added value between functions and facilities.

While developing mobility infrastructure in-house, we are also collaborating with startups that are developing related technologies.

Shared Economy

We plan to shift from the conventional model of occupying information, people, goods, space, and time to a new form of a city where we can share and help each other.

We will work to achieve success with the allies formed in C-Startup. We will also continue to gather people and companies with seeds related to Cybernics and accelerate the creation of innovation through sharing and mutual aid of information, people, goods, space, and time.

Futuristic housing

Through daily health management and lifestyle support infrastructure based on Cybernics Technology, we will develop housing where all people, including the elderly and disabled, can live in harmony with technology and mutually support each other to ensure peace of mind.

Specifically, various Cybernics Technologies, such as the Wearable Cyborg HAL, autonomous navigation robots, and vital sensors, will be introduced into every space, including residences. Personal health information will be accumulated, analyzed, and processed by AI to be linked to medical facilities to manage each person's health and safety better.

An educational institution that nurtures the next generation of human resources

Through collaboration between industry, academia, and government, we are planning an educational institution to foster the next generation of innovators.

We will nurture the next generation of innovators with educational institutions ranging from graduate school to elementary school, taught by instructors from various companies.

Other initiatives to achieve SDGs

We communicate with public and private insurers to get programs with HAL covered by insurance to make the program more affordable and accessible to people with disabilities.

2 ZERO HUNGER

CYBERDYNE, Inc.

We are developing a robot that automatically collects fruits and vegetables at the optimal harvest time using a camera to determine the sugar content.

6 CLEAN WATER AND SANITATION

We contribute to the achievement of other sustainable development goals set by the United Nations through various initiatives

Takezono High School in Tsukuba City featured our company's challenge in their SDGs Karuta, a card game where players can learn about SDGs while having un.

We are working on the development of environmentally friendly, nextgeneration mobility technologies.

Other initiatives to achieve SDGs

We help people with disabilities return to life and work by improving their physical functions.

We contribute to the achievement of other sustainable development goals set by the United Nations through various initiatives

CYBERDYNE, Inc.

DECENT WORK AND ECONOMIC GROWTH

13 CLIMATE ACTION

17 PARTNERSHIPS FOR THE GOALS

Based on the motto "science exists for humans and society," we implement various measures to prevent our technology from being diverted to weapons. We are working to solve social issues and realize a peaceful world through our business.

To support recovery from natural disasters, we are lending HAL Lumbar Type, which reduces the load on the lower back, to disaster areas free of charge.

> We actively collaborate with industry, government, academia, and other business fields to pioneer the future together.

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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