

H.C.R. 2016 Report on the 43rd Int. Home Care & Rehabilitation Exhibition 2016

1 | Opening Ceremony

The 43rd Int. Home Care & Rehabilitation Exhibition 2016, 3-day exhibition, was opened with the opening speech by Mr. Juro Saito, the Chairperson of the Japan National Council of Social Welfare, in front of an audience of visitors, sponsors, co-sponsoring organizations and exhibitors. The exhibition officially started after the opening of the decorative ball by Mr. Saito, Mr. Tom Borcharding, H.C.R. Overseas Coordinator for North America, Mr. Bendt Apollo Rasmussen, H.C.R. Overseas Coordinator for Europe and Mr. Yasuyuki Takai, President of Health and Welfare Information Association.



Date	Wednesday, Oct. 12, 2016
Time	9:50 am
Place	In front of East Hall 2

2 | 527 Exhibitors from 17 Countries and 1 Territory

There were 457 Japanese companies and related groups (of which 54 were first time exhibitors) and 70 overseas companies from 16 countries and 1 territory that exhibited (of which 16 were first time exhibitors from overseas). We welcomed companies from Italy, Korea and Norway after a few years' absence.

Country	Number of Exhibitors	Country	Number of Exhibitors
Australia	1	Mexico	1
Canada	1	Netherlands	2
China	5	Norway	1
Denmark	8	Sweden	7
France	2	Switzerland	1
Germany	7	Taiwan	14
Japan	457	Turkey	1
Italy	1	U.K.	6
Korea	1	U.S.A.	11

More than 20,000 home care and rehabilitation equipment was displayed in a total area of 51,380m².

3 | Appreciation Award for 15 times participating companies and organizations in H.C.R.

H.C.R. organizer held an Appreciation Award Ceremony on the first day of the show. At the ceremony, Appreciation Awards and commemorative gifts were given to 20 Japanese companies and organizations that have participated in the H.C.R. 15 times.

☆Appreciation Awards for 15 times participation in H.C.R. (20 Japanese exhibitors)

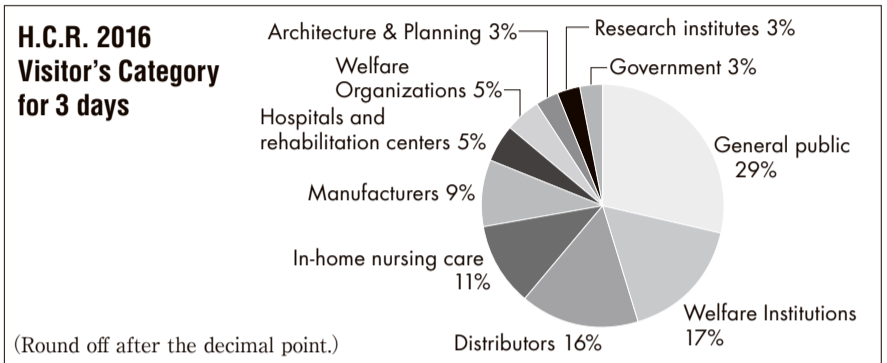
• ACESYSTEM CORPORATION	• SECOM CO.,LTD.
• Aisin Seiki Co.,Ltd.	• SHINKOSANGYO.,CO.LTD
• CUP CORPORATION	• SUWADA Blacksmith Works, Inc.
• Fuji Data System, Inc.	• Taica Corporation
• FUJITSU LIMITED	• TAKENAKA ENGINEERING CO., LTD.
• kowa corporation	• TOKYO METROPOLITAN FOUNDATION FOR SOCIAL WELFARE AND PUBLIC HEALTH
• M&R Room	• TOUKEI SYSTEM Co., Ltd.
• MAZROC CO.,LTD.	• TOWA MOTORS CO.,LTD.
• NDSsoftware Co.,Ltd.	• Wel-Partners Co., Ltd.
• Nihon Computer Consultant Co., Ltd.	
• SANKO Co., Ltd.	

(alphabetical)



4 | The number of visitors came up to 112,752

The 43rd Int. Home Care & Rehabilitation Exhibition 2016 drew a crowd of visitors up to 112,752. The general public constituted the biggest percentage of 29% as usual, and the next biggest visitors group was Social Welfare Institution (17%), Distributor (16%) and then Home Care Services (11%). Compare to the last year, the shares of Social Welfare Institution was increased.



5 | Exhibition Products

[The number of exhibitors by the product category]

MOBILITY EQUIPMENT		
1	Manual Wheelchairs	51
2	Wheelchair related goods	65
3	Powered wheelchairs	39
4	Powered 3- and 4-wheeled scooters	12
5	Bicycles	3
6	Attendant pushed wheelchairs	11
7	Walkers/walking aids	50
8	Canes	38
9	Stretchers	5
10	Transfer aids	22
11	Floor lifts	27
12	Ceiling/fixed lifts, Stationary hoist	22
13	Power assist suit, Walking assist robot	20
14	Car operating equipment for persons with disabilities	10
15	Vehicles for persons with disabilities	13
16	Mobile baths	2
17	Eco-friendly vehicles for facilities	4
BED RELATED		
18	Beds	28
19	Mattresses, Pressure sore prevention products	49
20	Side tables	10
21	Care related sheets	11
22	Others	21
BATHING EQUIPMENT		
23	Bathtubs	17
24	Bathing chairs	27
25	Anti-slip products	17
26	Bath boards	12
27	Bathing lifts	11
28	Others	17
TOILET/DIAPER RELATED		
29	Portable toilets	23
30	Toilets/toilet seats	8
31	Deodorizers, Germicides	8
32	Toilet related	19
33	Diapers	9
34	Toileting Assistance equipment	8
CLOTHES/CLOTHES CHANGING AIDS		
35	Clothing	22
36	Shoes	14
37	Hats, Safety helmets, Wigs	1
38	Clothes changing aids	3
COMMUNICATION/MONITORING EQUIPMENT		
39	Hearing aids	5
40	Emergency/monitoring system	26
41	OA equipment, Software, Operation aids	13
42	AV system for persons with disabilities	2
43	Electronic magnifier, CCTV	3
44	Print material reader	1
45	Special telephones, FAX, Portable talking aids	4
46	Guidance systems for visually impaired persons	2
47	Communication related robot	8
48	Others	22
CONSTRUCTION/HOME EQUIPMENT		
49	Ramps	22
50	Handrails	33
51	Elevators	2
52	Platform lifts	13
53	Stair climbers/stair lifts	12
54	Others	16
REHABILITATION AND CARE PREVENTION		
55	Rehabilitation equipment for walking	26
56	Training materials, devices & equipment for rehabilitation	36
57	Muscle training machines, body training equipment	32
58	Oral care related products	14
ARTIFICIAL LIMBS & ORTHOPEDIC PRODUCTS		
59	Artificial limbs & orthopedic products	16
DAILY LIVING AIDS		
60	Self-help aids/devices	22
61	Sports and recreation goods for persons with disabilities	8
62	Care related products	32
63	Others	30
COOKING AIDS		
64	Eating utensils/Table ware	16
65	Kitchen	3
66	Cooking aids	4
67	**	9
WELFARE FACILITIES AND HOME EQUIPMENT		
68	Floor and wall materials for institutions	7
69	Natural energy/saving energy devices	1
70	Recycling, Recycled waste water devices	1
71	Washing/drying/cleaning/deodorizing machines	8
72	Chairs, positioning, stand-up aids	17
73	Furniture, Tables, Washbasins	21
74	Fire alarm/automatic fire extinguishing devices	3
75	Disaster prevention products	8
76	Private power generator, Condenser	1
77	Care staff uniforms	8
78	Others	12
INFECTION PREVENTION PRODUCTS		
79	Air cleaning equipment, Humidifier, Sterilizers	13
80	Others	12
MANAGEMENT INFO SYSTEMS FOR HOME AND INSTITUTIONS		
81	Home care and rehab. computer system	41
82	**	29

6 | H.C.R. International Symposium

For the protection of the rights of persons with disabilities and promotion of their further participation in society ~ Normalization in the past, present and future

In Japan, movements towards the protection of the rights and dignity of persons with disabilities and the promotion of their independence and participation in the civil and social spheres are developing in many ways, for example, an establishment of "Act to eliminate discrimination on the basis of disability" or an amended "Act to promote the employment of persons with disabilities" -both are a response to the ratification of "Convention on the Rights of Persons with Disabilities (2014)" and were effective in April 2016 - as well as the staging of 2020 Tokyo Paralympics.

At the H.C.R. Symposium this year, we invited a specialist from Denmark, where the principle of "Normalization" was born, and studied about the protection and promotion of the rights of persons with disabilities and their social participation in Europe in the past 10 years and in future then considered the Japanese measurements in the future. The number of the participants was 253.



○ Lecturers:

- **Ms. Hanne Stig Andersen** from Denmark, Head of Department for disabled Persons, Ministry of Social Affairs and the Interior
- **Dr. Shigeru Suemitsu** from Japan, M.D., President of Asahigawa-so, Medical-Welfare Center, Prof. for Kawasaki University of Medical Welfare



○ Guest tutor:

- **Mr. Jungoro Kondo**
Board Chairperson of Association for Health Economics Research and Social Insurance and Welfare, Former administrative vice minister for Health, Labour and Welfare, Lawyer

○ **Date:** Oct. 13, 2016 (Thurs day) 13:00 -16:00



Cooking Lessons for Elderly. Try together the daily easy cooking!

Ms. Sugako Kon and Ms. Kyoko Oshida Toranomom Hospital

A number of families of a senior couple or a senior living alone are increasing today. As the daily cooking becomes a hard work for such people, many of them use ready-made foods or convenience store lunchboxes for their meals. In this program, a nutrition manager from a general hospital introduced and demonstrated the well-balanced daily-easy cooking using ready-made foods or convenience store lunchboxes. (Oct. 12-14 13:00-14:00)

Programs for Welfare and Care Professions

Practical examples of useful ideas for the life at the welfare facilities

~ Let's share the ideas and discoveries for improving the daily care

To share the ideas for improving the quality of services, 10 presentations were made by the staffs of care facilities. (Oct. 12 13:30-16:00)

Room A	"Invention for the care in facilities" Moderator : Ms. Satomi Yukawa Executive Director for Rikushinkai Social Welfare and Long-term Care House ① Good effects and Challenges of PALRO - a communication robot - ② Shopping Assistance ③ Approach for securing human resources ④ Mobility support with both equipment and hands of care givers ⑤ Report of Study tour in the Netherlands
Room B	"Invention for Management" Moderator : Mr. Tsukasa Kukimoto Chairman for Tokiwakai Welfare Organization ① Introduction of 10year-experience of the welfare facility ② TEACCH Program ③ BCP (Business Continuity Plan) ④ Gather and spend time together with nursery schools in the community for a better understanding about disabled children ⑤ Activities for the contribution in the community

7 | H.C.R. Seminars

We held the H.C.R. Seminars for users, their families, caregivers, healthcare, social welfare and medical workers to learn about the current issues, the trend of related systems, the latest information of the care services and of the management of welfare facilities.

Each program attracted a high level of interest. There were users of equipment and their families, care professionals, the managers of social welfare facilities, home helpers, staff from social welfare councils. The total number of participants came up to 3,312.

Programs for users and families

Learn about basic techniques for preventing low back pain in nursing care ~ introduction of "Body Mechanics"

Prof. Keiko Aoyagi Special appointed professor, Urawa University and Junior College

A researcher demonstrated one of methods of care, "Body Mechanics" that would provide proper positions, postures and movements for both care givers and receivers to realize steady and easy care. (Oct. 12 10:30-12:00)

Open the way to the future by the use of Care Robot

Mr. Kiyokuni Goto Planning Division, The Association for Technical Aids

Lecture about the future possibility of Care Robots and the challenges for the effective use and the smooth installation. (Oct. 13 10:30-12:00)

How to select and how to use homeware and rehabilitation equipment

The specialists provided lectures with demonstrations aiming at a better understanding of the users for the correct use of equipment. The topics were as follows and the lectures were held throughout three days.



Home Renovation (Oct. 12)	"Toilets & Excretion Related Equipment", "House Renovation" and "Bathing Related Equipment"
Basic Activities (Oct. 13)	"Beds", "Lifts", "Canes & Walkers", and "Wheelchairs"
Independent Support (Oct. 14)	"Communication Equipment", "Vehicles for Disabled Persons and Related Devices", "Self-help Devices".

Athletic Ideal and Legacy for Tokyo Olympic and Paralympic ~ Aiming at the integration of Environment and Welfare and its establishment in our society.

A panel discussion with Paralympic medalists was held on the themes of "Social Inclusion", "A treasure of the effort to overcome the disabilities", and "The aim of the Tokyo Paralympic". (Oct. 14 10:30-12:00)

Keynote Speech : "Progress of Social Inclusion supported by Paralympic"

Mr. Shigeru Sumitani

Chairperson for Social Welfare Organization Saiseikai Imperial Gift Foundation, Inc.

Lecture 1	Sportsmanship links Welfare care and Environment - Report from Rio Paralympics Ms. Yuko Sakita Chairperson, NPO GENKI Net for Creating a Sustainable Society
Lecture 2	Aiming at encouraging the social participation of persons with disabilities - the advent of Paralympic as a good opportunity Mr. Katsunori Fujii Chairperson for Japan Council on Disability

Learn about infections and the proper ways to control infections at welfare facilities

Dr. Ken Osaka Tohoku University Graduate School of Dentistry

A specialist lectures about the basic knowledges of an infection disease, how to prevent it, and the initial measures at welfare facilities, children's or elderly care homes. (Oct. 14 14:30-16:00)

Programs for Company Related

The latest trend and the future perspectives of the development of Care Robot

~ Study about the User-Driven Innovation in Nordic countries and attempts to the popularization in Japan

Ms. Kayo Uemura Economic & Industrial Research Department, Development Bank of Japan

Lecture about the commercialization of Care Robots along with the examples of international trends and the government policy in Japan. (Oct. 14 10:30-12:00)

8 | H.C.R. Special Event (Lecture, Display, Consultation and Demonstration)

H.C.R. organized 4 Special Exhibitions according to themes during 3-days exhibition in the exhibition halls to introduce the latest and the useful equipment to visitors by display, demonstration and lecture. Many people who arrived at the place were satisfied with wide range of the products and the detailed information.

Free consultation service regarding the homecare and rehabilitation equipment and the self-help equipment was provided by specialist, occupational therapists and technicians. H.C.R. 2016 opened a shop to sell the products manufactured by people of welfare facilities in the areas of earth quacks, typhoon and floods across Japan.



Knowledge is Power!

~ Let's create a prosperous and happy life with High-Tech products in your house.

The life of persons with disabilities will be dramatically changed by using the high-tech devices around us. For example, an electric book and an electric newspaper will help the people who can't read the printed matter, or a smart phone will enable a person with a speech disorder to communicate with other people. An IC recorder or a digital camera will support the note taking of a person who can't use a pen in a hand.

In each presentation, ideas of the usages of ICT products such as a smart phone, a tablet, a PC, an IC recorder and a digital camera were introduced for supporting the life and the study of the person with disability.

Topics

Oct. 12	<ul style="list-style-type: none"> ■ Accessibility with Windows, life support using windows ■ Accessibility with Smartphones & Tablets for persons with physically disabilities ■ The use of high tech gadgets as a learning tool for developmental disabilities and cognitive impairment persons
Oct. 13	<ul style="list-style-type: none"> ■ To use of high tech gadgets as an assistive tool ■ High tech gadgets to eliminate the discrimination of disabilities ■ Promotion of the employment of persons with disabilities using high tech gadgets
Oct. 14	<ul style="list-style-type: none"> ■ Transforming Smartphones & Tablets into an assistive device for the life of disabled persons ■ Transforming Smartphones & Tablets into an assistive device for visually impaired persons ■ High tech gadgets for assisting the communication of persons with severe disabilities and multiple disabilities

Assistive equipment for the daily life of elderly and disabled persons

~ My Size! Display of equipment made especially for your needs

Under the newly installed Law of Elimination of Discrimination against Persons with Disabilities being practiced, to customize for each user the height, the thickness, the scale, the brightness, the weight, etc. is obliged to any manufacturers.

In this area, products were showcased in the category of Wearing, Eating, and Living for visitors to discover "My Size" and "Comfortability".

Children's Square for disabled children and families

The welfare equipment expands the potential of disabled children when being use effectively at their different development stages. Being aimed to develop and diffuse the children's welfare equipment, comprehensive welfare equipment for children was gathered to exhibit. Besides, "Free Consultation Booth", "Rest & Play Area,"

"Wheelchair riding workshop" and a consultation desk for "House renovation for a family with developmental disabled children" were installed in the same area.



a. Display of equipment for disabled children and the families

- Eating Aids & Utensils / Clothing & Shoes
- Chairs & Car Seats
- Learning & Communication Equipment
- Buggies & Walkers
- Wheelchairs

b. Free Consultation

Many families came and talked about the child-raising and the homecare & rehabilitation equipment related matters.

c. Safety measures for the living environment of a child with a developmental disability

d. Rest & Play Area

In a large free space with selected safe toys, a nursery staff stayed for caring children and talking with families about the child-raising.

Forefront of the Development of Home Care & Rehabilitation Equipment

Robotic Devices for Nursing Care (10 devices) developed by companies or research institutes were introduced. Some of them were promoted under a project of the Ministry of Economy, Trade and Industry and the Ministry of Health, Labour and Welfare, Japan.



● DFree (Triple W Japan Inc)
● kenko-oukoku for Pepper (XING Inc. / SoftBank Robotics Corp.)
● "yorisoi" robot (Sanyo Homes Corporation)
● Mi-Ru (VR Techno center, Inc./MIYUKI ELEX CO.,LTD.)
● Awareness Support System by Smart Voice Messaging (Japan Advanced Institute of Science and Technology, Uchihira / Hiraishi Laboratory)
● Excretion Support Device (SHELL ELECTRONICA CO., LTD. / Robot Rehabilitation Center in The Hyogo Institute of Assistive Technology)
● Q-let (ARONKASEI CO.,LTD.)
● Medication Support Robot (Clarion Co., Ltd)
● Autistic job navigation (Microbrain Co.,Ltd.)
● Mobile Motion Visualizer AKIRA (System Friend, Inc.)

Consultation Corner for Home Care & Rehabilitation Equipment

Consultation service regarding Home Care & Rehabilitation equipment and self-help equipment was provided by specialists, occupational therapists and technicians with no charge.



Disaster Supporting Booths

To support reconstruction of the areas hit by disasters, H.C.R.2016 opened a shop to sell the products manufactured by people of welfare facilities in areas of earth quacks, typhoons and floods.

