

Sponsor

2016 Health Labour Sciences Research Grant

Comprehensive Research on Disability Health and Welfare (Physical/Intellectual Disability)

"Study on effective support methods for information security for persons who have difficulty in communicating (2016-physical/intellectual-general-009)"; Lead investigator: Tomoko Tachibana

Open Symposium Report

Constructing a bridge of communication support

— Exploring various ways to support communication disorders —

**What is
"information
accessibility?"**



What is "communication support" ?

Our research group decided to hold a public symposium titled "Constructing a bridge of communication support - Exploring various ways to support communication disorders" at the Seiryō Kaikan Hall (Chiyoda Ward, Tokyo) on December 1, 2016 (Thursday). In this open symposium, we attempted to understand methods of communication support mainly for intractable diseases such as ALS, muscular dystrophy, and other types of disorders such as hearing, intellectual, and developmental disorders. We aimed to create a supportive environment for not just normal times, but also in case of disasters, and the symposiasts and participants explored how to support individuals with a variety of communication impairments.

Master of ceremonies/chairperson

Tomoko Tachibana

(Chief Senior Researcher,

Center for Public Health Informatics,
National Institute of Public Health)





What is "information accessibility?"

"Information accessibility" means being able to reach and use something, regardless of one's age or disability.

Based on the Basic Act for Persons with Disabilities, the government formulated the Third Basic Plan for Persons with Disabilities (Plan period: 2013 to 2017), where "improvement of accessibility" is cited as one of the cross-sectional perspectives common to each field based on the revision of the Basic Act for Persons with Disabilities and the establishment of Act to Advance the Elimination of Discrimination Based on Handicap (2013), and so on. In addition, basic guidelines such as "improvement in accessibility of media, communication, and so on, and improvement in communication support" in "6. Information Accessibility" are indicated as field-specific measures.

What kind of environment can be provided for various types of communication disabilities? Accessibility to local information in

Magnetic Loops

An induction loop system transmits magnetic energy to telecoil-equipped hearing aids through a wire that surrounds an audience.



Wheelchair Areas

For persons with severe disabilities, who can participate with assistants in this area.

provided to persons with
sorders to improve their
their daily lives?

Sign Language Interpreter no. 1

communicates lectures in sign language to people with hearing impairment in the venue.



Sign Language Interpreter no. 2

communicates a lecture in sign language by a performer with hearing impairment to the audience orally.

Sign Language Interpreter no. 3

communicates questions or comments in sign language to a performer with hearing impairment.



Written abstracts for people with hearing loss

To summarize the questions and opinions, projected on a screen on the right side.

In consideration of disabilities, the convention recommends that efforts should be invested in making available sign language interpreters, written abstracts, and wheelchair areas; and holding discussions for the participants and symposiasts.

Medical care of patients who experienced wide-area medical evacuation at the time of the Great East Japan Earthquake

Takashi Imai

Director, ALS Care Center,
Sendai Tokushukai Hospital

Information accessibility and communication support for persons with intellectual disabilities

Ayako Uchinami

Associate professor, Department of Early Childhood Education and Childcare, Shukutoku University Junior College

Developmental disorders and communication support

Akira Otsuka

Professor, Department of Social Services,
Faculty of Human Sciences, Sophia University



Communication support efforts for severely handicapped persons (ALS, muscular dystrophy, etc.), using mouth-writing method, virtual transparent display panel, mechanical switch, and cybernic switch

Takashi Nakajima

Deputy Director of Niigata National Hospital,
National Hospital Organization
[Department of Neurology]



"Hearing impairment and communication support"

Kumi Hayase

pharmacist from a pharmacy
at Showa University



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Principal researcher

Tomoko Tachibana Chief Senior Researcher, Center for Public Health Informatics, National Institute of Public Health

Members of this research project

Hiroshi Mizushima (Chief Senior Researcher, Center for Public Health Informatics, National Institute of Public Health)

Yoko Sato (Researcher, Center for Public Health Informatics, National Institute of Public Health)

Takashi Nakajima (Deputy Director of Niigata National Hospital, National Hospital Organization)

Takashi Imai (Director, ALS Care Center, Sendai Tokushukai Hospital)

Inquiry

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