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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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**Design principles for communication support board using
pictorial symbols**

图示符号交流板的设计原则

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

This document is equivalent to ISO 19027:2016 "Design Principles for Graphical Symbol Communication Boards".

This document adds a chapter "Normative References".

This document has made the following minimal editorial changes.

The multilingual format parts of the original ISO standard illustrations have been adjusted according to the Chinese environment, including Figure 1, Figure B.3, Figure B.4,

Figure C.1, Figure C.2, Figure C.3, Figure C.4, Figure C.5, Figure C.6, Figure C.7, Figure D.1, Figure D.2, Figure D.3, Figure D.4, Figure D.5.

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Introduction

The communication board can assist people who have limited communication due to regional or cultural barriers and language barriers. They can express their ideas through visual methods.

exchange of information.

Communication boards use visual symbols such as pictorial symbols to assist people who are limited in expressing or receiving information due to physical or language barriers.

A tool for communication or social interaction.

As an international visual expression, pictorial symbols can eliminate communication barriers in daily life, regardless of regional or cultural differences such as. Regardless, the features of the graphical symbols are easy to understand and apply.

Depending on the degree of limitation in communication ability, different versions of the icon symbols are provided to different user groups, ranging from those with limited communication ability or those with limited communication ability.

From a poor user version to a user version that requires stronger communication skills.

It is important that the symbols used on the communication board are consistent with the symbols visible in the environment in which it is used, in order to facilitate the use of the communication board in a social environment.

The use of communication boards can promote social inclusion of people with communication disabilities.

Design Principles of Illustrated Symbol Communication Board

1 Scope

This document gives the basic structure of a communication board for assisted communication. Different communication board designs can be used for specific communication purposes.

This document details the basic elements common to communication boards in different formats or media types, such as simple, book-based or digital media type communication board. This document does not stipulate any specific design or specific graphical symbols for communication boards.

Regarding the design principles of graphical symbols, this document lists some examples of graphical symbols designed and developed using this design principle.

Note: See Appendix A for an example of the basic mode for creating graphical symbols. See Appendix B and Appendix C for examples of graphical symbols used on the communication board.

2 Normative reference documents

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

graphical symbol A visual image symbol that has a specific meaning and can convey information without relying on language.

[Source. ISO 17724:2003] **3.2 pictorial symbol** A visual image that contains both figurative and abstract symbols, sometimes using multiple combinations.

Tools to assist people with communication difficulties.

Note 1: Communication boards can be used in a variety of scenarios and locations, such as personal, public or educational use.

Note 2: Including oral expression barriers and language communication barriers.

4.1 Display board

The design of the display panel needs to consider the following.

a) Dimensions

The size should match the intended user and purpose of use.

b) Materials

Communication boards may be made of paper or plastic materials.

If paper materials are used, it is recommended to use a surface that is easy to write on and erase.

c) Format or media

The various formats or media types that can be used are.