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Health informatics - Health cards - General characteristics

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafting law to amend and adopt ISO 20301.2014 "Health Informatics Health Card Features".

Compared with ISO 20301.2014, this standard has made the following structural adjustments. The Appendix B of ISO 20301.2014 is deleted, and the

Meet the technical conditions of our country.

The technical differences between this standard and ISO 20301.2014 and the reasons are as follows.

---The scope of this standard was modified in accordance with the rules of GB/T 1.1-2009, and the third in the scope of ISO 20301.2014

Paragraph, the fourth and fifth paragraphs are adjusted to the introduction to meet the technical conditions of our country.

--- Regarding normative reference documents, this standard has made adjustments with technical differences to adapt to my country's technical conditions and adjustments.

The situation is collectively reflected in Chapter 2 "Normative Reference Documents", and the specific adjustments are as follows.

* Replace ISO /IEC 7810 with GB/T 14916 which is equivalent to adopting international standards (see Chapter 5);

* Move ISO 21549-1 and ISO 21549-2 listed in Chapter 2 of ISO 20301.2014 to the reference;

* Added reference to ISO 3166 and ISO 20302 (see 6.2.1, 6.2.5).

---The term 3.4 in ISO 20301.2014 was deleted to adapt to our country's application habits.

--- Deleted "IIN" in the abbreviation to adapt to our country's technical conditions.

This standard also made the following editorial changes.

--- Deleted the fourth, fifth and sixth paragraphs in the introduction of ISO 20301.2014;

--- Replace "Japan" and the corresponding code in the example in 6.2.5 with "China" and the corresponding code;

---In the references, the ISO 3166 and ISO 20302 in the ISO 20301.2014 references are deleted, and the

ISO 21549-1.2013 and GB/T 21715.2-2008 equivalent to the international standard ISO 21549-2.2004.

This standard was proposed and managed by the China National Institute of Standardization.

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Introduction

The purpose of using machine-readable cards in the field of health care is to improve the quality of health services and the efficiency of the use of health care resources. this

The primary consideration of the standard is to improve patient services, ensure patient safety, and improve the actual use of health cards in the clinical field.

This standard does not involve the standardization of medical clinical practice and the definition of the standardized structure of healthcare services.

In the past few years, in order to support the implementation of health services, many countries have put necessary and applicable information on the surface of health cards to make health

The card can be used to exchange healthcare data. However, as people cross-border activities more and more frequently, a certain country or region issues

The use of health cards in other countries or regions is also increasing. In view of the above considerations, this standard has been

Conca's application on an international scale.

The establishment of this standard is to accept the craftsmanship and recording technology related to the production of the card, and to confirm the medical care application provider and health card

The identity of the holder, so that the issued card can be used to exchange information in health services.

The physical characteristics and recording techniques in this standard are directly quoted or referenced to current international standards/national standards.

This standard mainly focuses on ID-1 type machine readable cards defined in GB/T 14916. This type of machine readable card is designed to cross two or more countries

Issued for the provision of healthcare services in the service area on the border of the home/region.

Health Informatics Health Card Features

1 Scope

This standard specifies the physical characteristics, intuitively readable data, recording techniques and test methods of machine-readable cards used in the medical and healthcare fields.

This standard is applicable to machine-readable cards used in the field of healthcare. Safety issues follow the respective requirements of the health card system and are outside the scope of this standard within.

2 Normative references

The following documents are indispensable for the application of this document. For dated

reference documents, only the dated version applies to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 14916 Identification Card Physical Characteristics (GB/T 14916-2006, ISO /IEC 7810.2003, IDT)

ISO 3166 country and region name codes
(Codes for the representation of names of countries and their subdivisions)

ISO /IEC 7811 (all parts) Identification cards-Recording technology
(Identification cards-Recording technique)

ISO /IEC 7812-1 Identification Card Issuer Identification Part 1. Numbering System
(Identification cards-Identification of issuers-Part 1. Numbering system)

ISO /IEC 7816 (all parts) Identification cards-Integrated circuit cards
(Identification cards-Integrated circuit cards)

ISO /IEC 10373 (all parts) Identification card test methods
(Identification cards-Test methods)

ISO /IEC 10536 (all parts) identification card contactless integrated circuit clamping coupling card [Identification cards-Contactless integrated circuit(s) cards-Close-coupled cards]

ISO /IEC 11693 (all parts) Identification cards-Optical memory cards
(Identification cards-Optical memory cards)

ISO /IEC 14443 (all parts) identification card contactless integrated circuit card proximity card (Identification cards-Contactless integrated circuit cards-Proximity cards)

ISO /IEC 15420 (all parts) Information technology automatic identification and data acquisition technology EAN/UPC barcode symbology specification

(Information technology-Automatic identification and data capture techniques-EAN/UPC barcode symbology specification)

ISO /IEC 15438 (all parts) Information technology automatic identification and data acquisition technology PDF417 bar code symbol specification