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

GB/T 39580-2020

**Health informatics - Health cards - Numbering system and
registration procedure for issuer identifiers**

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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 20302:2014 "Health Informatics Health Card Issuer Identifier Coding System

System and Registration Procedure:

The technical differences between this standard and ISO 20302:2014 and the reasons are as follows:

--- 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 3166-1 with GB/T 2659, which is equivalent to adopting international standards (see 5:2, Appendix A);
- * Replace ISO /IEC 7810 (see 3:3) with GB/T 14916 which is equivalent to adopting international standards;
- * Replace ISO /IEC 7812-1 (see 5:1, 5:2, Appendix A) with GB/T 15694:1 equivalent to the international standard;
- * Replace ISO /IEC 7812-2 with non-equivalent adopting international standard GB/T 15694:2 (see 5:2);

- * Replace ISO /IEC 7816-4 (see 5:1, 5:3) with GB/T 16649:4 which is equivalent to adopting international standards;
- * Replace ISO /IEC 7816-5 (see 5:3) with GB/T 16649:5 which is not equivalent to adopting international standards;
- * The ISO /IEC 8825-1 cited in the normative appendix A is included in the normative reference documents, and the international standard

Standard GB/T 16263:1 replaces ISO /IEC 8825-1 (see Chapter 2, Appendix A):

--- The title of 5:2 is revised from "IIN Structure" of ISO 20302:2014 to "IIN Structure and Registration Procedure":

---The title of 5:3 is changed from "RID Structure" of ISO 20302:2014 to "RID Structure and Registration Procedure":

---Appendix A modified the paragraph layout format, and added the introductory phrase "When the value of the registration class is 'A, D' or 'E', the following should be met

Claim":

This standard has made the following editorial changes:

---In accordance with the requirements of GB/T 1:1-2009, the compilation of the "Scope" chapter was standardized:

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

Drafting organizations of this standard: China National Institute of Standardization, Beijing
Balanced Case Mix Technology Research Center, China-Japan Friendship Hospital, Beijing
Century Altar

Hospital, Peking University Third Hospital, Peking University School of Public Health:

1 Scope

This standard specifies the coding system and registration procedures for the issuance of identifiers for machine-readable cards in the field of healthcare:

This standard applies to ID-1 type machine-readable cards defined by GB/T 14916:

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 2659 Codes for names of countries and regions in the world (GB/T 2659-2000, eqvISO 3166-1:1997)

GB/T 14916 Identification Card Physical Characteristics (GB/T 14916-2006, ISO /IEC 7810:2003, IDT)

GB/T 15694:1 Identification Card Issuer Identification Part 1: Numbering System (GB/T 15694:1-1995, idt

ISO /IEC 7812-1:1993)

GB/T 15694:2 Identification Card Issuer Identification Part 2: Application and Registration Procedures (GB/T 15694:2-2002,

ISO /IEC 7812-2:2000, NEQ)

GB/T 16263:1 Information Technology ASN:1 Coding Rules Part 1: Basic Coding Rules (BER), Regular Coding Rules

(CER) and atypical encoding rules (DER) specifications (GB/T 16263:1-2006, ISO /IEC 8825-1:2002, IDT)

GB/T 16649:4 Identification Card Integrated Circuit Card Part 4: Structure, Security and Command for Exchange (GB/T 16649:4-

2010, ISO /IEC 7816-4:2005, IDT)

GB/T 16649:5 Identification Card IC Cards with Contacts Part 5: National Numbering System and Registration Regulations for Application Identifiers

Process (GB/T 16649:5-2002, ISO /IEC 7816-5:1994, NEQ)

3 Terms and definitions

The following terms and definitions apply to this document:

3:1

Card issuer

An entity that records the activation of the card, registers it and distributes it to health card holders and other information entities:

Example: The hospital is the issuer of the card for processing medical services or the appointment of medical records; the health insurance institution is the issuer of the health insurance card:

3:2

Healthcareapplicationprovider

Provide health care services to health card holders and use the card to record health care application information on the card in the process

entity:

Example: A hospital can be a healthcare application provider when processing medical service appointments or by providing medical record access control: Health insurance institutions are issuing health

A health insurance card can be a provider of healthcare applications: When the health insurance institution verifies the health insurance status of the health card holder, it is also a medical health application:

supplier:

Note: If the card contains a medical appointment application, the hospital can be the provider of the healthcare application because the hospital provides appointment services for patients; at the same time, if the card