

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा
स्वास्थ्य सूचना विज्ञान — रोगी स्वास्थ्य कार्ड डेटा
भाग 7 मेडिकेशन डेटा
[IS/ISO 21549-7:2016 का पहला पुनरीक्षण]

Draft Indian Standard
Health Informatics — Patient Healthcard Data
Part 7 Medication Data

[First Revision of IS/ISO 21549-7:2016]

[ICS 35.240.80]

Health Informatics Sectional Committee, MHD 17

Last date for comments:

18 July 2024

NATIONAL FOREWORD

(Adoption clause will be added later)

This standard was first published in 2018 and was identical with ISO 21549-7:2016 'Health informatics — Patient healthcard data — Part 7: Medication data'. The first revision of this standard has been undertaken to align it with the latest version of ISO 21549-7:2024. After publication of this standard, IS/ISO 21549-7:2016 stands withdrawn.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 21549-2, Health informatics — Patient healthcard data — Part 2: Common objects	IS/ISO 21549-2 : 2014, Health Informatics — Patient Healthcard Data Part 2 Common objects	Identical

Scope

This document applies to situations in which such data is recorded on or transported by patient healthcards compliant with the physical dimensions of ID-1 cards defined by ISO/IEC 7810.

This document specifies the basic structure of the data contained within the medication data object, but does not specify or mandate particular data sets for storage on devices.

The purpose of this document is for cards to provide information to other health professionals and to the patient or its non-professional caregiver.

It can also be used to carry a new prescription from the prescriber to the dispenser/pharmacy in the design of its sets.

Medication data include the following four components:

- **medication notes:** additional information related to medication and the safe use of medicines by the patient such as medication history, sensitivities and allergies;
- **medication prescriptions:** to carry a new prescription from the prescriber to the dispenser/pharmacy;
- **medication dispensed:** the records of medications dispensed for the patient;
- **medication references:** pointers to other systems that contain information that makes up medication prescription and the authority to dispense.

The following topics are beyond the scope of this document:

- physical or logical solutions for the practical functioning of particular types of data cards;
- how the message is processed further “downstream” of the interface between two systems;
- the form which the data takes for use outside the data card, or the way in which such data is visibly represented on the data card or elsewhere.

NOTE Not only does the definition of “medicinal products” differ from country to country, but also the same name can relate to entirely different products in some countries. Therefore, it is important to consider the safety of the patient when the card is used across borders.

This document describes and defines the Medication data objects used within or referenced by patient-held health data cards using UML, plain text and Abstract Syntax Notation (ASN.1).

This document does not describe nor define the common objects defined within ISO 21549-2.

The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard.
For details, please refer to ISO 21549-7:2024 or kindly contact:

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