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BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

भारतीय मानक मसौदा

स्वास्थ्य सूचना विज्ञान — औषधीय उत्पादों के लिए संरचित खुराक की जानकारी का आदान-प्रदान करने के लिए एक वाक्यविन्यास के लिए व्यावसायिक आवश्यकताएँ

[IS 17767:2022/ISO/TS 17251:2016 का पहला पुनरीक्षण]

Draft Indian Standard

Health Informatics — Business Requirements for a Syntax to Exchange Structured Dose Information for Medicinal Products

[First Revision of IS 17767:2022/ISO/TS 17251:2016]

[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 2022 and was identical with ISO/TS 17251:2016 'Health informatics — Business requirements for a syntax to exchange structured dose information for medicinal products'. The first revision of this standard has been undertaken to align it with the latest version of ISO/TS 17251:2023. After publication of this standard, IS 17767:2022/ISO/TS 17251:2016 stands withdrawn.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:

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

Scope

This document specifies the business requirements for the structured content of structured or semi-structured dose instructions for recording dose instructions in the electronic health record (EHR), supporting clinical decision support, and in exchanging medication orders, as applicable to primary, secondary and tertiary care.

This document is focused on the dose instructions as will be presented to the individual subject of care or caregiver. Comprehension of dose instructions by the subject of care or caregiver is an overarching consideration for subject of care safety and the best outcomes. Related factors are discussed but are not part of the primary scope.

This document does not define an information model, except to the extent that those information model concepts are necessary to define business requirements.

Outside the scope of this document are:

— The implementation of dose instructions, i.e. assembling the structured elements into a form appropriate for the patient or caregiver;

— The content of a medication order (see ISO 17523) beyond content related to dose instructions;

— The content of a record of dispense of a medicinal product (see ISO/TS 19293);

— The functionality of health, clinical and/or pharmacy systems;

— Other kinds of content of health, clinical or pharmacy systems that are needed to support the whole process of health care providers, such as:

  — A drug knowledge database (see ISO/TS 22756);

  — A decision support system (see ISO/TS 22756 and ISO/TS 22703);

  — A complete medical record (EHR);

  — A medicinal product dictionary (see ISO/TS 19256);

  — Verification of the medicinal product and dose being administered.

— Some concepts from Identification of Medicinal Products are referenced, but not defined, in this document. See Clause 4 for discussion of the relationship of this document with IDMP.

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/TS 17251:2023 or kindly contact:

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