~~IS XXXX : 2024~~

~~ISO 10781 : 2024~~

*भारतीय मानक*

**स्वास्थ्य सूचना विज्ञान — एच एल 7 इलेक्ट्रॉनिक स्वास्थ्य रिकार्ड-प्रणाली कार्यात्मक मॉडल, रिलीज़ 2.1 (ईएचआर एफएम)**

*Indian Standard*

**Health Informatics — HL7 Electronic Health Record-System Functional Model, Release 2.1 (EHR FM)**

ICS 35.240.80

Health Informatics Sectional Committee, MHD 17

NATIONAL FOREWORD

This Indian Standard which is identical to ISO 10781 : 2023 ‘Health informatics — HL7 electronic health record-system functional model, release 2.1 (EHR FM)’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Health Informatics Sectional Committee and after approval of the Medical Equipment and Hospital Planning Division Council.

This standard supersedes IS/ISO 10781 : 2015 ‘Health informatics — HL7 electronic health record-system functional model, release 2 (EHR FM)’.

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:

1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’
2. 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:

|  |  |  |  |
| --- | --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* | |
| ISO 13606-1 Health informatics — Electronic health record communication — Part 1: Reference model | IS 18301 (Part 1) : 2023/ISO 13606-1 : 2019 Health informatics — Electronic health record communication: Part 1 Reference model | Identical |
| ISO 13606-2 Health informatics — Electronic health record communication — Part 2: Archetype interchange specification | IS 18301 (Part 2) : 2023/ISO 13606-2 : 2019 Health informatics — Electronic health record communication: Part 2 Archetype interchange specification | Identical |
| ISO 13606-3 Health informatics — Electronic health record communication — Part 3: Reference archetypes and term lists | IS 18301 (Part 3) : 2023/ISO 13606-3 : 2019 Health informatics — Electronic health record communication: Part 3 Reference archetypes and term lists | Identical |
| ISO 13606-4 Health informatics — Electronic health record communication — Part 4: Security | IS 18301 (Part 4) : 2023/ISO 13606-4 : 2019 Health informatics — Electronic health record communication: Part 4 Security | Identical |
| ISO 13606-5 Health informatics — Electronic health record communication — Part 5: Interface specification | IS 18301 (Part 5) : 2023/ISO 13606-5 : 2019 Health informatics — Electronic health record communication: Part 5 Interface specification | Identical |
| ISO 13940 Health Informatics —System of concepts to support continuity of care | IS/ISO 13940 : 2015 Health informatics — System of concepts to support continuity of care | Identical |
| ISO/TR 20514 : 2005 Health Informatics — Electronic health record — definition, scope and context | IS/ISO/TR 20514 : 2005 Health informatics — Electronic health record — Definition, scope and context | Identical |

The Committee responsible for the preparation of this standard has reviewed the provisions of following mentioned International Standards and has decide that they are acceptable for use in conjunction with this standard:

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| --- | --- |
| *International Standard/*  *Other Publication* | *Title* |
| ASTM E1769 : 1995 | Standard guide for properties of electronic health records and record systems |
|  | HL7 fast health interoperable resources (FHIR), release 4, January 2019 |
|  | HL7 FHIR record lifecycle event implementation guide, part of FHIR core release 4, January 2019 |
| ISO/TS 21089 : 2018 | Health informatics — Trusted end-to-end information flows |