

# BUREAU OF INDIAN STANDARDS

## Program of Work

### MHD 17 : Health Informatics

**Scope:** (a) Standardization in the field of health informatics, to facilitate capture, interchange and use of health-related data, information, and knowledge to support and enable all aspects of health systems. (b) To coordinate with the work of: i) ISO/TC 215 'Health Informatics': (P-Member) ii) ISO/TC 215/SC 1 'Genomics Informatics': (P-Member)

**Liaison:** **IEC TC- (P):** *Bio-digital convergence* **ISO TC-215 SC-1 (P):** *Genomics Informatics* **ISO TC-215 (P):** *Health informatics*

## Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO 10159 : 2011 ISO 10159 : 2011 <a href="#">ISO 10159:2011</a>	Health informatics - Messages and communication - Web access reference manifest		-	Identical under single numbering
2	IS/ISO 10781 : 2015 ISO HL 10781:2015 <a href="#">ISO HL 10781:2015</a>	Health Informatics HL 7 Electronic Health Record-System Functional Model, Release 2 (EHR FM)		-	Identical under dual numbering
3	IS/ISO/IEEE 11073-00103 : 2015 ISO/IEEE 11073-00103 : 2015 <a href="#">ISO/IEEE 11073-00103</a>	Health informatics - Personal health device communication: Part 00103 overview		-	Identical under single numbering
4	IS/ISO/IEEE 11073-10101 : 2020 ICS 01.040.35; 35.240.80 <a href="#">Reviewed In : 2023 ISO/IEEE 11073-10101</a>	Health Informatics " Point-of-Care Medical Device Communication Part 10101 Nomenclature	September, 2023	-	Identical under single numbering
5	IS/ISO/IEEE 11073-10102 : 2014 ISO/IEEE 11073-10102 : 2014 <a href="#">ISO/IEEE 11073-10102</a>	Health Informatics " Point-of-care Medical Device Communication Part 10102 Nomenclature " Annotated ECG		-	Identical under single numbering
6	IS/ISO/IEEE 11073-10103 : 2014 ISO/IEEE 11073-10103 : 2014 <a href="#">ISO/IEEE 11073-1010</a>	Health Informatics " Point-of-Care Medical Device Communication Part 10103 Nomenclature " Implantable Device, Cardiac		-	Identical under single numbering
7	IS/ISO/IEEE 11073-10201 : 2004 ISO/IEEE	Health informatics - Point-of-care medical device communication: Part 10201 domain information		-	Identical under single numbering

	11073-10201 : 2004 ISO/IEEE 11073-10201	model			
8	IS/ISO/IEEE 11073-10207 : 2019 ISO/IEEE 11073-10207 : 2019 ISO/IEEE 11073-10207	Health Informatics â€™ Personal Health Device Communication Part 10207 Domain Information and Service Model for Service-Oriented Point-of Care Medical Device Communication		-	Identical under single numbering
9	IS/ISO/IEEE 11073-10404 : 2010 ISO/IEEE 11073-10404 : 2010 ISO/IEEE 11073-10404	Health informatics - Personal health device communication: Part 10404 device specialization - Pulse oximeter		-	Identical under single numbering
10	IS/ISO/IEEE 11073-10406 : 2012 ISO/IEEE 11073-10406	Health informatics - Personal health device communication: Part 10406 device specialization - Basic electrocardiograph (Ecg) (1 - to 3 - Lead ECG)		-	Identical under single numbering
11	IS/ISO/IEEE 11073-10407 : 2010 ISO/IEEE 11073-10408 : 2010 ISO/IEEE 11073-10407	Health Informatics â€™ Personal Health Device Communication Part 10408 Device Specialization â€™ Thermometer		-	Identical under single numbering
12	IS/ISO/IEEE 11073-10408 : 2010 ISO/IEEE 11073-10408	Health informatics - Personal health device communication: Part 10408 device specialization - Thermometer		-	Identical under single numbering
13	IS/ISO/IEEE 11073-10415 : 2010 ISO/IEEE 11073-10408	Health informatics - Personal health device communication: Part 10415 device specialization - Weighing scale		-	Identical under single numbering
14	IS/ISO/IEEE 11073-10417 : 2017 ISO/IEEE 11073-10417	Health informatics - Personal health device communication: Part 10417 device specialization - Glucose meter		-	Identical under single numbering
15	IS/ISO/IEEE 11073-10418 : 2014 ISO/IEEE 11073-10418	Health informatics - Personal health device communication: Part 10418 device specialization: international normalized ratio (INR) monitor		1	Identical under single numbering
16	IS/ISO/IEEE 11073-10419 : 2016 ISO/IEEE 11073-10419 : 2016 ISO/IEEE 11073-10419	Health informatics - Personal health device communication: Part 10419 device specialization - Insulin pump		-	Identical under single numbering
17	IS/ISO/IEEE 11073-10420 : 2012 ISO/IEEE 11073-10420 : 2012 ISO/IEEE 11073-10420	Health Informatics â€™ Personal Health Device Communication Part 10420 Device Specialization â€™ Body Composition Analyzer		-	Identical under single numbering
18	IS/ISO/IEEE	Health informatics - Personal		-	Identical under single

	11073-10421 : 2012 ISO/IEEE 11073-10421 : 2012 ISO/IEEE 11073-10421	health device communication: Part 10421 device specialization - Peak expiratory flow monitor (Peak Flow)			numbering
19	IS/ISO/IEEE 11073-10422 : 2017 ISO/IEEE 11073-10422 : 2017 ISO/IEEE 11073-10422	Health informatics - Personal health device communication: Part 10422 device specialization - Urine analyser		-	Identical under single numbering
20	IS/ISO/IEEE 11073-10424 : 2019 IS/ISO/IEEE 11073-10424 : 2016 ISO/IEEE 11073-10424	Health informatics - Personal health device communication: Part 10424 device specialization - Sleep apnoea breathing therapy equipment (SABTE)		1	Identical under single numbering
21	IS/ISO/IEEE 11073-10425 : 2016 ISO/IEEE 11073-10425 : 2016 ISO/IEEE 11073-10425	Health informatics - Personal health device communication: Part 10425 device specialization - Continuous glucose monitor (CGM)		-	Identical under single numbering
22	IS/ISO/IEEE 11073-10427 : 2018 ISO/IEEE 11073-10427 : 2018 ISO/IEEE 11073-10427	Health informatics - Personal health device communication: Part 10427 device specialization - Power status monitor of personal health devices		-	Identical under single numbering
23	IS/ISO/IEEE 11073-10441 : 2015 ISO/IEEE 11073-10441	Health informatics - Personal health device communication: Part 10441 device specialization - Cardiovascular fitness and activity monitor		-	Identical under single numbering
24	IS/ISO/IEEE 11073-10442 : 2015 ISO/IEEE 11073-10442 : 2015 ISO/IEEE 11073-10442	Health Informatics " Personal Health Device Communication Part 10442 Device Specialization " Strength Fitness Equipment		-	Identical under single numbering
25	IS/ISO/IEEE 11073-10471 : 2010 ISO/IEEE 11073-10471 : 2010 ISO/IEEE 11073-10471	Health informatics - Personal health device communication: Part 10471 device specialization - Independent living activity hub		-	Identical under single numbering
26	IS/ISO/IEEE 11073-10472 : 2012 ISO/IEEE 11073-10472 : 2012 ISO/IEEE 11073-10472	Health informatics - Personal health device communication: Part 10472 device specialization - Medication monitor		-	Identical under single numbering
27	IS/ISO/IEEE 11073-20101 : 2004 ISO/IEEE 11073-20101 : 2004 ISO/IEEE 11073-20101 : 2004	Health informatics - Point-of-care medical device communication: Part 20101 application profiles - Base standard		-	Identical under single numbering
28	IS/ISO/IEEE	Health Informatics " Personal		-	Identical under dual

	11073-20601 : 2016 ISO/IEEE 11073-20601 : 2016 ISO/IEEE 11073-20601	Health Device Communication Part 20601 Application Profile â€” Optimized Exchange Protoco			numbering
29	IS/ISO/IEEE 11073-20702 : 2018 ISO/IEEE 11073-20702 ISO/IEEE 11073-20702	Health Informatics â€” Point-of- Care Medical Device Communication Part 20702 Medical Devices Communication Profile for Web Services		-	Identical under single numbering
30	IS/ISO/IEEE 11073-30200 : 2004 ISO/IEEE 11073-30200 : 2004 ISO/IEEE 11073-30200	Health Informatics â€” Point-of- Care Medical Device Communication Part 30200 Transport Profile â€” Cable Connected		-	Identical under dual numbering
31	IS/ISO/IEEE 11073-30300 : 2004 ISO/IEEE 11073-30300 : 2004 ISO/IEEE 11073-30300	Health informatics - Point-of-care medical device communication: Part 30300 transport profile - Infrared wireless		-	Identical under single numbering
32	IS/ISO/IEEE 11073-30400 : 2012 ISO/IEEE 11073-30400 : 2012 ISO/IEEE 11073-30400	Health informatics - Point-of-care medical device communication: Part 30400 interface profile - Cabled ethernet		-	Identical under single numbering
33	IS/ISO 11073-90101 : 2008 IS/ISO/11073-90101 : 2008 ISO 11073-90101	Health informatics - Point-of-care medical device communication: Part 90101 analytical instruments - Point-of-care test		-	Identical under single numbering
34	IS/ISO 11073-91064 : 2009 ISO 11073-91064 : 2009 ISO/IEEE 11073-91064	Health informatics - Standard communication protocol: Part 91064 computer - Assisted electrocardiography		-	Identical under single numbering
35	IS/ISO 11239 : 2012 ISO 11239 : 2012 Reviewed In : 2023 ISO 11239:2012	Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging	May, 2023	-	Identical under single numbering
36	IS/ISO 11240 : 2012 ISO 11240 : 2012 Reviewed In : 2023 ISO 11240:2012	Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of units of measurement	May, 2023	-	Identical under single numbering
37	IS/ISO 11615 : 2017 ISO 11615 : 2017 ISO 11615 : 2017	Health Informatics Identification of Medicinal Products Data Elements and Structures for the Unique Identification and Exchange of Regulated Medicinal Product Information		-	Identical under single numbering

38	IS/ISO 11616 : 2017 ISO 11616 : 2017 ISO 11616 : 2017	Health informatics - Identification of medicinal products - Data elements and structures for unique identification and exchange of regulated pharmaceutical product information		-	Identical under single numbering
39	IS/ISO/IEC 11703-20601 : 2018 ISO/IEEE 11073-20601 : 2016 ISO/IEEE 11073-20601 : 2016	Health Informatics " Personal Health Device Communication Part 20601 Application Profile " Optimized Exchange Protocol		-	Identical under single numbering
40	IS/ISO 12052 : 2017 ISO 12052 : 2017 ISO 12052 : 2017	Health informatics - Digital imaging and communication in medicine (DICOM) including workflow and data management (First Revision)	-	-	Identical under single numbering
41	IS/ISO 12381 : 2019 ISO 12381:2019 ISO 12381:2019	Health Informatics Explicit time-related expressions for healthcare-specific problems		-	Identical under single numbering
42	IS/ISO 12967-2 : 2009 ISO 12967-2 : 2009 ISO 12967-2 : 2009	Health informatics - Service architecture: Part 2 information viewpoint		-	Identical under single numbering
43	IS/ISO 13119 : 2022 ISO 13119:2022 ISO 12381:2019	Health Informatics Clinical knowledge resources Metadata First Revision		-	Identical under single numbering
44	IS/ISO 13120 : 2019 ISO 13120:2019 ISO 13120:2019	Health Informatics Syntax to represent the content of healthcare classification systems Classification Markup Language ClaML		-	Identical under single numbering
45	IS/ISO 13606-1 : 2008 ISO 13606-1 : 2008 Reviewed In : 2020 ISO 13606-1:2008	Health informatics - Electronic health record communication: Part 1 reference model	November, 2020	-	Identical under single numbering
46	IS/ISO 13606-3 : 2009 ISO 13606-3 : 2009 Reviewed In : 2019 ISO 13606-3 : 2009	Health informatics - Electronic health record communication: Part 3 references archetypes and term lists	July, 2019	-	Identical under single numbering
47	IS/ISO 13606-5 : 2010 ISO 13606-5 : 2010 ISO 13606-5 : 2010	Health informatics - Electronic health record communication: Part 5 interface specification		-	Identical under single numbering
48	IS/ISO 13940 : 2015 ISO 13940 : 2015 ISO 13940 : 2015	Health Informatics " System of Concepts to Support Continuity of Care		-	Identical under single numbering
49	IS/ISO/TS 13972 : 2022 ISO 13972:2022 ISO 13972:2022	Health Informatics Clinical information models Characteristics structures and requirements (First Revision)		-	Identical under single numbering
50	IS/ISO/TS 14265 : 2011 ISO/TS 14265 : 2011 ISO/TS 14265 : 2011	Health informatics - Classification of purposes for processing personal health information		-	Identical under single numbering

51	IS/ISO/TS 14441 : 2013 ISO/TS 14441 : 2013 Reviewed In : 2023 ISO/TS 14441 : 2013	Health informatics - Security and privacy requirements of EHR systems for use in conformity assessment	May, 2023	-	Identical under single numbering
52	IS/ISO 16278 : 2016 ISO 16278:2016 ISO 16278:2016	Health informatics Categorial structure for terminological systems of human anatomy		-	Identical under single numbering
53	IS/ISO 17090-1 : 2013 ISO 17090-1 : 2013 Reviewed In : 2023 ISO 17090-1:2021	Health informatics - Public key infrastructure: Part 1 overview of digital certificate services	May, 2023	-	Identical under single numbering
54	IS/ISO 17090-1 : 2023 ISO 17090-1:2021 ISO 17090-1:2021	Health informatics Public key infrastructure Part 1 Overview of digital certificate services (First Revision)		-	Identical under single numbering
55	IS/ISO 17090-2 : 2015 ISO 17090-2 : 2015 ISO 17090-2 : 2015	Health informatics - Public key infrastructure: Part 2 certificate profile		-	Identical under single numbering
56	IS 17090 (Part 3) : 2008 ISO 17090-3 : 2008 ISO 17090-3 : 2008	Health Informatics " Public Key Infrastructure Part 3 Policy Management of Certification Authority		-	Identical under single numbering
57	IS 17090 (Part 3) : 2021 ISO 17090-3:2021 ISO 17090-3 : 2008	Health informatics Public key infrastructure Part 3 Policy management of certification authority (First Revision)		-	Identical under single numbering
58	IS/ISO 17090-4 : 2023 ISO 17090-4:2020 ISO 17090-4:2020	Health informatics Public key infrastructure Part 4 Digital signatures for healthcare documents (First Revision)		-	Identical under single numbering
59	IS/ISO 17090-4 : 2014 ISO 17090-4 : 2014 ISO 17090-4:2020	Health informatics - Public key infrastructure: Part 4 digital signatures for healthcare documents		-	Identical under single numbering
60	IS/ISO 17090-5 : 2017 ISO 17090-5 : 2017 ISO 17090-5 : 2017	Health informatics - Public key infrastructure: Part 5 authentication using healthcare PKI credentials		-	Identical under single numbering
61	IS/ISO 17115 : 2007 ISO17115:2007 Reviewed In : 2023 ISO 17115 : 2007	Health informatics - Vocabulary for terminological systems	March, 2023	-	Identical under single numbering
62	IS/ISO 17117-1 : 2018 ISO 17117-1:2018 ISO 17117-1:2018	Health informatics Terminological resources Part 1 Characteristics		-	Identical under single numbering
63	IS/ISO/TS 17117-2 : 2022 ISO/TS 17117-2:2022 ISO/TS 17117-2:2022	Health informatics Terminological resources Part 2 Implementation CapabilityTIC		-	Identical under single numbering
64	IS/ISO 17432 : 2004 ISO 17432 : 2004	Health informatics - Messages and communication - Web access to		-	Identical under single numbering

	ISO 17432:2004	dicom persistent objects			
65	IS 17762 : 2022 ISO/TR 11636:2009 ISO/TR 11636:2009	Health Informatics Dynamic on-demand virtual private Network for health information infrastructure		-	Identical under dual numbering
66	IS 17763 : 2022 ISO/TR 17522:2015 ISO/TR 17522:2015	Health informatics Provisions for Health Applications on mobilesmart Devices		-	Identical under dual numbering
67	IS 17764 : 2022 ISO TS 19293:2018 ISO TS 19293:2018	Health informatics Requirements for a record of a dispense of a medicinal product		-	Identical under dual numbering
68	IS 17765 : 2022 ISO TR 21835:2020 ISO TR 21835:2020	Health informatics Personal health data Generated on a daily basis		-	Identical under dual numbering
69	IS 17766 : 2022 ISO 21091:2013 ISO 21091:2013	Health informatics Directory services for healthcare Providers subjects of care and other entities		-	Identical under dual numbering
70	IS 17767 : 2022 ISO TS 17251:2016 ISO TS 17251:2016	Health informatics Business requirements for a syntax to exchange structured dose information for medicinal products		-	Identical under dual numbering
71	IS 17768 : 2022 ISO/TS 22756:2020 ISO/TS 22756:2020	Health Informatics Requirements for a knowledge base for clinical decision support systems to be used in medication-related processes		-	Identical under dual numbering
72	IS 17769 : 2022 ISO 17523:2016 ISO 17523:2016	Health informatics Requirements for Electronic prescriptions		-	Identical under dual numbering
73	IS 17770 : 2022 ISO TR 20831:2017 ISO TR 20831:2017	Health informatics Medication management Concepts and definitions		-	Identical under dual numbering
74	IS 17771 : 2022 ISO 17115 : 2020 ISO 17115 : 2020	Health informatics - Representation of categorial structures of terminology (CatStructure)		-	Identical under dual numbering
75	IS/ISO/TR 17791 : 2013 ISO/TR 17791 : 2013 Reviewed In : 2023 ISO/TR 17791 : 2013	Health informatics - Guidance on standards for enabling safety in health software	May, 2023	-	Identical under single numbering
76	IS 17797 : 2022 ISO 22857:2013 ISO 22857:2013	Health informatics Guidelines on data protection to facilitate Trans border flows of personal health data		-	Identical under dual numbering
77	IS 17798 : 2022 ISO TS 20428:2017 ISO TS 20428:2017	Health informatics Data elements and their metadata for describing structured clinical genomic sequence information in electronic health records		-	Identical under dual numbering
78	IS 17851 : 2022 ISO/TR 22696:2020 ISO/TR 22696:2020	Health informatics Guidance on the identification and authentication of connectable Personal Healthcare Devices PHDs		-	Identical under dual numbering
79	IS 17852 : 2022 ISO TS 21547:2010 ISO TS 21547:2010	Health informatics Security requirements for archiving of Electronic health records Principles		-	Identical under dual numbering
80	IS 17887 : 2022 ISO 25720:2009	Health informatics Genomic Sequence Variation Markup		-	Identical under dual numbering

	<a href="#">ISO 25720:2009</a>	Language GSVML			
81	IS 17888 : 2022 ISO 27269:2021 <a href="#">ISO 27269:2021</a>	Health informatics International patient summary		-	Identical under dual numbering
82	IS/ISO/TS 17975 : 2022 ISO/TS 17975:2022 <a href="#">ISO/TS 17975:2022</a>	Health Informatics Principles and data requirements for consent in the collection use or disclosure of personal health information First Revision		-	Identical under single numbering
83	IS 18198 (Part 1) : 2023 ISO/TS 11633-1:2019 <a href="#">ISO/TS 11633-1:2019</a>	Health informatics Information security management for remote maintenance of medical devices and medical information systems Part 1 Requirements and risk analysis		-	Identical under dual numbering
84	IS 18199 : 2023 ISO 11238:2018 <a href="#">ISO 11238:2018</a>	Health informatics Identification of medicinal products Data elements and structures for the unique identification and exchange of regulated information on substances		-	Identical under dual numbering
85	IS 18216 : 2023 ISO/TS 16791:2020 <a href="#">ISO/TS 16791:2020</a>	Health informatics Requirements for international machine-readable coding of medicinal product package identifiers		-	Identical under dual numbering
86	IS 18218 (Part 2) : 2023 ISO/TR 11633-2:2021 <a href="#">ISO/TR 11633-2:2021</a>	Health informatics Information security management for remote maintenance of medical devices and medical information systems Part 2 Implementation of an information security management system ISMS		-	Identical under dual numbering
87	IS/ISO 1828 : 2012 ISO 1828 : 2012 <a href="#">Reviewed In : 2023 ISO 1828</a>	Health informatics - Categorial structure for terminological systems of surgical procedures	May, 2023	-	Identical under single numbering
88	IS 18301 (Part 1) : 2023 ISO 13606-1:2019 <a href="#">ISO 13606-1:2019</a>	Health informatics Electronic health record communication : Part 1 Reference model		-	Identical under dual numbering
89	IS 18301 (Part 2) : 2023 ISO 13606-2:2019 <a href="#">ISO 13606-2:2019</a>	Health informatics Electronic health record communication : Part 2 Archetype interchange specification		-	Identical under dual numbering
90	IS 18301 (Part 3) : 2023 ISO 13606-3:2019 <a href="#">ISO 13606-3:2019</a>	Health informatics Electronic health record communication Part 3 Reference archetypes and term lists		-	Identical under dual numbering
91	IS 18301 (Part 4) : 2023 ISO 13606-4:2019 <a href="#">ISO 13606-4:2019</a>	Health informatics Electronic health record communication Part 4 Security		-	Identical under dual numbering
92	IS 18301 (Part 5) : 2023 ISO 13606-5:2019 <a href="#">ISO 13606-5:2019</a>	Health informatics Electronic health record communication Part 5 Interface specification		-	Identical under dual numbering
93	IS 18302 (Part 1) : 2023 ISO 12967-1:2020	Health informatics Service architectureHISA Part 1 Enterprise viewpoint		-	Identical under dual numbering



	<a href="#">ISO 12967-1:2020</a>				
94	IS 18302 (Part 2) : 2023 <a href="#">ISO 12967-2:2020</a> <a href="#">ISO 12967-2:2020</a>	Health informatics Service architectureHISA Part 2 Information viewpoint		-	Identical under dual numbering
95	IS 18302 (Part 3) : 2023 <a href="#">ISO 12967-3:2020</a> <a href="#">ISO 12967-3:2020</a>	Health informatics Service architectureHISA Part 3 Computational viewpoint		-	Identical under dual numbering
96	IS 18303 : 2023 <a href="#">ISO 27789:2021</a> <a href="#">ISO 27789:2021</a>	Health informatics Audit trails for electronic health records		-	Identical under dual numbering
97	IS/ISO 18308 : 2011 <a href="#">ISO 18308 : 2011</a> <a href="#">Reviewed In : 2019</a> <a href="#">ISO 18308 : 2011</a>	Health informatics - Requirements for an electronic health record architecture	July, 2019	-	Identical under single numbering
98	IS/ISO 20301 : 2014 <a href="#">ISO 20301:2014</a> <a href="#">Reviewed In : 2023</a> <a href="#">ISO20301:2014</a>	Health informatics - Health cards - General characteristics (First Revision)	March, 2023	-	Identical under single numbering
99	IS/ISO 20302 : 2022 <a href="#">ISO 20302:2022</a> <a href="#">ISO 20302:2022</a>	Health informatics Health cards Numbering system and registration procedure for issuer identifiers		-	Identical under single numbering
100	IS/ISO/TR 20514 : 2005 <a href="#">Reviewed In : 2020</a> <a href="#">ISO/TR 20514:2005</a>	Health informatics - Electronic health record - Definition, scope and context	October, 2020	-	Identical under single numbering
101	IS/ISO 21090 : 2011 <a href="#">ISO 21090 : 2011</a> <a href="#">ISO 21090 : 2011</a>	Health Informatics " Harmonized Data Types for Information Interchange		-	Identical under single numbering
102	IS/ISO 21549-1 : 2013 <a href="#">ISO 21549-1 : 2013</a> <a href="#">Reviewed In : 2023</a> <a href="#">ISO 21549-1:2013</a>	Health Informatics " Patient Healthcard Data Part 1 General Structure	May, 2023	-	Identical under dual numbering
103	IS/ISO 21549-2 : 2014 <a href="#">ISO 21549-2 : 2014</a> <a href="#">Reviewed In : 2023</a>	Health Informatics " Patient Healthcard Data Part 2 Common objects	May, 2023	-	
104	IS/ISO 21549-3 : 2014 <a href="#">ISO 21549-3:2014</a> <a href="#">Reviewed In : 2023</a> <a href="#">ISO 21549-3:2014</a>	Health Informatics -- Patient Healthcard Data -- Part 3: Limited Clinical Data	May, 2023	-	Identical under dual numbering
105	IS/ISO 21549-4 : 2014 <a href="#">ISO 21549-4 : 2014</a> <a href="#">Reviewed In : 2023</a> <a href="#">ISO 21549-4:2014</a>	Health Informatics " Patient Health Card Data Part 4 Extended Clinical Data	May, 2023	-	Identical under dual numbering
106	IS/ISO 21549-5 : 2015 <a href="#">ISO 21549-5 : 2015</a> <a href="#">ISO 21549-5 : 2015</a>	Health informatics - Patient healthcard data: Part 5 identification data		-	Identical under single numbering
107	IS 21549 (Part 6) : 2008 <a href="#">ISO 21549-6 : 2008</a> <a href="#">Reviewed In : 2023</a> <a href="#">ISO 21549-6:2008</a>	Health Informatics - Patient Health Card Data Part 6 Administrative Data	May, 2023	-	Identical under dual numbering
108	IS/ISO 21549-7 :	Health informatics - Patient		-	Identical under single

	2016 ISO 21549-7 : 2016 ISO 21549-7 : 2016	healthcard data: Part 7 medication data			numbering
109	IS/ISO 21549-8 : 2010 ISO 21549-8 : 2010 Reviewed In : 2023 ISO 21549-8:2010	Health informatics - Patient health card data: Part 8 links	May, 2023	-	Identical under single numbering
110	IS/ISO 21860 : 2020 ISO 21860:2022 ISO 21860:2022	Health informatics Reference standards portfolio RSP Clinical imaging		-	Identical under single numbering
111	IS/ISO/TS 22077-2 : 2015 ISO 22077-2 : 2015 ISO 22077-2 : 2015	Health informatics ? Medical waveform format: Part 2 electrocardiography		-	Identical under single numbering
112	IS/ISO/TS 22077-3 : 2015 ISO/TS 22077-3 : 2015 ISO/TS 22077-3 : 2015	Health Informatics • Medical Waveform Format Part 3 Long Term Electrocardiography		-	Identical under single numbering
113	IS/ISO/TS 22220 : 2011 ISO/TS 22220 : 2011 Reviewed In : 2023 ISO/TS 22220 : 2011	Health informatics - Identification of subjects of health care	February, 2023	-	Identical under single numbering
114	IS/ISO/TR 22221 : 2006 ISO/TR 22221 : 2006 Reviewed In : 2023 ISO/TR 22221:2006	Health Informatics • Good Principles and Practices for a Clinical Data Warehouse	January, 2023	-	Identical under dual numbering
115	IS/ISO/TS 22272 : 2021 ISO/TS 22272:2021 ISO/TS 22272:2021	Health Informatics Methodology for analysis of business and information needs of health enterprises to support standards based architectures		-	Identical under single numbering
116	IS/ISO 22600-1 : 2014 ISO 22600-1 : 2014 Reviewed In : 2023 ISO 22600-1 : 2014	Health informatics - Privilege management and access control: Part 1 overview and policy management	May, 2023	-	Identical under single numbering
117	IS/ISO 22600-2 : 2014 IS/ISO 22600-2 : 2014 Reviewed In : 2023 IS/ISO 22600-2 : 2014	Health informatics - Privilege management and access control: Part 2 formal models	May, 2023	-	Identical under single numbering
118	IS/ISO 22600-3 : 2014 22600-3 : 2004 Reviewed In : 2023 ISO 22600-3:2014	Health informatics - Privilege management and access control: Part 3 implementations	May, 2023	-	Identical under single numbering
119	IS/ISO 22857 : 2013 ISO 22857 : 2013 ISO 22857 : 2013	Health informatics - Guidelines on data protection to facilitate trans - Border flows of personal health		-	Identical under single numbering

		data			
120	IS/ISO 23903 : 2021 ISO 23903:2021 ISO 23903:2021	Health Informatics Interoperability and integration reference architecture Model and framework		-	Identical under single numbering
121	IS/ISO 25237 : 2017 ISO/ISO 25237 : 2017 ISO 25237:2017	Health informatics - Pseudonymization		-	Identical under single numbering
122	IS/IEC/TS 25238 : 2007 ISO/TS 25238 : 2007 ISO/TS 25238 : 2007	Health Informatics - Classification of Safety Risks from Health Software		-	Identical under single numbering
123	IS/ISO/TS 27527 : 2010 ISO/TS 27527 : 2010 ISO/TS 27527 : 2010	Health informatics - Provider identification		-	Identical under single numbering
124	IS/ISO 27799 : 2016 ISO 27799 : 2016 ISO 27799 : 2016	Health informatics - Information security management in health using ISO/IEC 27002		-	Identical under single numbering
125	IS/ISO/TR 27809 : 2007 ISO/TR 27809 : 2007 ISO/TR 27809 : 2007	Health informatics - Measures for ensuring patient safety of health software		-	Identical under single numbering
126	IS/IEC/TR 80001-2-2 : 2012 IEC/TR 80001-2-2 : 2012 Reviewed In : 2023 IEC/TR 80001-2-2 : 2012	Application of risk management for it - Networks incorporating medical devices: Part 2 - 2 guidance for the disclosure and communication of medical device security needs, risks and controls	May, 2023	-	Identical under single numbering
127	IS/IEC 82304-1 : 2016 IEC 82304-1 : 2016 IEC 82304-1:2016	Health software: Part 1 general requirements for product safety		-	Identical under single numbering
128	IS/ISO/TS 82304-2 : 2021 ISO/TS 82304-2:2021 ISO/TS 82304-2:2021	Health software Part 2 Health and wellness appsQuality and reliability		-	Identical under single numbering

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Drafts Standards in WC Stage**

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Draft Standards Completed WC Stage**

SI. No.	Doc No.	Title
1	MHD 17 (24645)	Health Informatics Medical Waveform Format Part 2 Electrocardiography First Revision
2	MHD 17 (24647)	Health Informatics Medical Waveform Format Part 3 Long-term Electrocardiography First Revision
3	MHD 17 (25676)	Health informatics Patient Healthcard Data Part 7 Medication Data First Revision
4	MHD 17 (25677)	Health Informatics Medical Waveform Format Part 1 Encoding Rules
5	MHD 17 (25679)	Health Informatics Device Interoperability Part 10101 Point-of-Care Medical Device Communication Nomenclature First Revision
6	MHD 17 (25680)	Health Informatics Classification of Purposes for Processing Personal Health Information First Revision
7	MHD 17 (25681)	Health informatics Business Requirements for a Syntax to Exchange Structured Dose Information for Medicinal Products First Revision

**Finalized Draft Indian Standard**

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Finalized Draft Indian Standards under Print**

SI. No.	Doc No.	Title
1	MHD 17 (23687)	Health Informatics Introduction to Ayurveda Informatics
2	MHD 17 (23688) Revision of: IS/ISO 11239:2012	Health informatics Identification of medicinal products Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms units of presentation routes of administration and packaging First Revision
3	MHD 17 (23689)	Health Informatics Identification of Medicinal Products Data Elements and Structures for the Unique Identification and Exchange of Regulated Medicinal Product Information Amendment - 1
4	MHD 17 (23754) Revision of: IS/ISO/IEEE 11073:2016	Health informatics Device interoperability Part 20601 Personal health device communication Application profile Optimized exchange protocol First Revision
5	MHD 17 (23773) Revision of: IS/ISO/IEEE 11073:2004	Health informatics Device interoperability Part 10201 Point-of-care medical device communication Domain information model First Revision
6	MHD 17 (23774) Revision of: IS/ISO/IEEE 11073:2010	Health informatics Device interoperability Part 10404 Personal health device communication Device specialization Pulse oximeter First Revision
7	MHD 17 (23775) Revision of: IS/ISO/IEEE 11073:2010	Health informatics Device interoperability Part 10407 Personal health device communication Device specialization Blood pressure monitor First Revision
8	MHD 17 (23776) Revision of: IS/ISO/IEEE 11073:2010	Health informatics Device interoperability Part 10408 Personal health device communication Device specialization Thermometer First Revision
9	MHD 17 (23777) Revision of: IS/ISO/IEEE 11073:2010	Health informatics Device interoperability Part 10415 Personal health device communication Device specialization Weighing scale First Revision
10	MHD 17 (23778) Revision of: IS/ISO/IEEE 11073:2016	Health informatics Personal health device communication Part 10419 Device specialization Insulin pump First Revision
11	MHD 17 (23779) Revision of: IS/ISO/IEEE 11073:2012	Health informatics Device interoperability Part 10420 Personal health device communication Device specialization Body composition analyzer First Revision
12	MHD 17 (25053) Revision	Health Informatics HL7 Electronic Health Record-System Functional Model Release 2 1 EHR FM

	of: IS/ISO 10781:2015	First Revision
13	MHD 17 (25054) Revision of: IS/ISO/IEEE 11073:2016	Health Informatics Personal Health Device Communication Part 10425 Device Specialization Continuous Glucose Monitor CGM First Revision
14	MHD 17 (25055) Revision of: IS/ISO 21549:2015	Health Informatics Patient Healthcard Data Part 5 Identification Data First Revision
15	MHD 17 (25056)	Health Informatics Framework for Healthcare and Related Data Reporting
16	MHD 17 (25057)	Health Informatics Standard Communication Protocol Computer-Assisted Electrocardiography

**Total Published Standards:114 Total Standards Under development:23**

### Aspect Wise Report

Product : 0  
 Code of Practices : 3  
 Methods of Test : 0  
 Terminology : 2  
 Dimensions : 0  
 System Standard : 0  
 Safety Standard : 0  
 Others : 117  
 Service Specification : 0  
 Process Specification : 0  
 Unclassified : 2

### Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS/ISO 11238 : 2012 ISO 11238 : 2012 Reviewed In : 2023 ISO 11238:2012	Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated information on substances
2	IS/ISO/TR 11633-1 : 2009 ISO/TR 11633-1 : 2009 Reviewed In : 2023 ISO/TR 11633-1:2009	Health informatics - Information security management for remote maintenance of medical devices and medical information systems Part 1 requirements and risk analysis
3	IS/ISO/TR 11633-2 : 2009 ISO/TR 11633-2 : 2009 Reviewed In : 2023 ISO/TR 11633-2:2009	Health informatics - Information security management for remote maintenance of medical devices and medical information systems Part 2 implementation of an information security management system ISMS
4	IS/ISO 12967-1 : 2009 ICS 35.240.80 ISO 12967-1 : 2009	Health informatics - Service architecture Part 1 enterprise viewpoint
5	IS/ISO 12967-3 : 2009 ISO 12967-3 : 2009 ISO 12967-3 : 2009	Health informatics - Service architecture Part 3 computational viewpoint
6	IS/ISO 13119 : 2012 IS 13119 : 2012 IS 13119 : 2012	Health informatics clinical knowledge resources metadata
7	IS/ISO 13606-2 : 2008 ISO 13606-2 : 2008 Reviewed In : 2020 ISO 13606-2:2008	Health informatics - Electronic health record communication Part 2 archetype interchange specification
8	IS/ISO/TR 16056-1 : 2004 ISO/TR 16056-1 : 2004 Reviewed In : 2015 ISO/TR 16056-1:2004	Health informatics - Interoperability of telehealth systems and networks Part 1 introduction and definitions
9	IS/ISO/TR 16056-2 : 2004 ISO/TR 16056-2 : 2004	Health informatics - Interoperability of telehealth systems and networks Part 2 real - Time systems

	Reviewed In : 2015 ISO/TR 16056-1:2004	
10	IS/ISO/TS 16791 : 2014 ISO/TS 16791 : 2014 Reviewed In : 2023 ISO/TS 16791 : 2014	Health informatics - Requirements for international machine - Readable coding of medicinal product package identifiers
11	IS/ISO 27789 : 2013 ISO 27789 : 2013 Reviewed In : 2023 ISO 27789 : 2013	Health informatics - Audit trails for electronic health records

**Annexure-II :List of Indian Product Standards**

Sl. No.	IS No. & Year	Title
<i>No Records Found</i>		