

DIN EN ISO 13606-1:2026-07 (E)

Erscheinungsdatum: 2026-06-19

Health informatics - Electronic health record communication - Part 1: Reference model (ISO/DIS 13606-1:2026); English version prEN ISO 13606-1:2026

Contents

Page

Foreword.....	v
Introduction	vi
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
3.1 Actors.....	1
3.2 Concepts and terms.....	3
3.3 Information management.....	3
3.4 Privacy and security.....	5
3.5 Process management.....	6
4 Abbreviations.....	6
5 Overview.....	6
5.1 Overview of the reference model.....	6
5.2 Representing roles and responsibilities within the EHR_EXTRACT	7
5.2.1 General.....	7
5.2.2 Actors playing a role in the actual healthcare process.....	7
5.2.3 Actors contributing to the process of documenting care within the EHR.....	8
5.2.4 Actors confirming the validity of the EHR documentation.....	8
5.2.5 Subject of care.....	8
5.2.6 Composer.....	9
5.2.7 Committer.....	9
5.2.8 Subject of information.....	9
5.2.9 Information provider.....	10
5.3 About the use of datatypes in this document.....	10
6 Common Properties of Record Components.....	11
6.1 Base, record and structure components.....	11
6.1.1 General.....	11
6.1.2 Base component.....	12
6.1.3 Electronic health record component.....	13
6.1.4 Structure component.....	15
6.2 Attestation.....	16
6.2.1 General.....	16
6.2.2 Attestation information.....	17
6.3 Audit information.....	18
6.4 Linking record components.....	21
6.4.1 General.....	21
6.4.2 Link usages.....	21
6.4.3 Communicating referenced record components.....	23
6.4.4 Link.....	23
6.4.5 External link.....	24
7 Elements and data values.....	25
7.1 General.....	25
7.2 Data value.....	26
7.2.1 Boolean.....	27
7.2.2 Attachment.....	28
7.2.3 String.....	30

7.2.4	Simple text	31
7.2.5	Coded simple value	31
7.2.6	Coded value	32
7.2.7	Instance identifier	34
7.2.8	URI	37
7.2.9	Physical quantity	38
7.2.10	Duration	39
7.2.11	Real	39
7.2.12	Integer	40
7.2.13	Instant	41
7.2.14	Date	42
7.2.15	Time	42
7.2.16	Date time	43
7.2.17	Data value	44
8	EHR Components	45
8.1	General	45
8.2	Folder	46
8.2.1	General	46
8.2.2	Folder	47
8.3	Compositions	48
8.3.1	General	48
8.3.2	Composition	48
8.4	Content and sections	50
8.4.1	General	50
8.4.2	Content	50
8.4.3	Section	51
8.5	Entries	51
8.5.1	General	51
8.5.2	Entry	52
8.6	Items and clusters	53
8.6.1	Item	53
8.6.2	Cluster	54
8.7	Element	55
9	EHR Extract	56
9.1	General	56
9.2	EHR extract	56
9.3	Extracted component set	57
9.4	Demographic extract	58
10	Demographics	59
10.1	General	59
10.2	Demographic folder	60
10.3	Demographic entity	61
10.4	Demographic item	61
10.5	Demographic cluster	62
10.6	Demographic element	63
11	Conformance	64
Annex A (informative) About the ISO 21090:2011 [5] profile for datatypes		65
Annex B (informative) Alignment with HL7 FHIR		69
Annex C (informative) Cross-Domain Interoperability		70
Bibliography		75