

# ISO 13606-1:2019 (E)

## Health informatics — Electronic health record communication — Part 1: Reference model

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
3.1	Actors
3.2	Concepts and terms
3.3	Information management
3.4	Privacy and security
3.5	Process management
4	Abbreviations
5	Overview
5.1	Overview of the reference model
5.2	Representing roles and responsibilities within the EHR_EXTRACT
5.2.1	General
5.2.2	Actors playing a role in the actual healthcare process
5.2.3	Actors contributing to the process of documenting care within the EHR
5.2.4	Actors confirming the validity of the EHR documentation
5.2.5	Subject of care
5.2.6	Composer
5.2.7	Committer
5.2.8	Subject of information
5.2.9	Information provider
5.3	About the use of datatypes in this document
6	Common Properties of Record Components
6.1	Base, record and structure components
6.1.1	General
6.1.1.1	Base component
6.1.1.2	Record component
6.1.1.3	Structure component
6.1.2	Base component
6.1.3	Electronic health record component
6.1.4	Structure component
6.2	Attestation
6.2.1	General
6.2.2	Attestation information
6.3	Audit information
6.4	Linking record components
6.4.1	General
6.4.2	Link usages
6.4.2.1	Referencing a record component in the same EHR
6.4.2.2	Creating a link between two record components in the same EHR
6.4.2.3	Re-using an already existing record component
6.4.2.4	Referencing a record component in another EHR concerning the same subject of care
6.4.2.5	Referencing a demographic record component
6.4.2.6	Referencing links

6.4.2.7	Referencing attestations
6.4.2.8	Referencing non-standardised information in external systems
6.4.3	Communicating referenced record components
6.4.4	Link
6.4.5	External link
<b>7</b>	<b>Elements and Data Values</b>
7.1	General
7.2	Data value
7.2.1	Boolean
7.2.2	Attachment
7.2.3	String
7.2.4	Simple text
7.2.5	Coded simple value
7.2.6	Coded value
7.2.7	Instance identifier
7.2.8	URI
7.2.9	Physical quantity
7.2.10	Duration
7.2.11	Real
7.2.12	Integer
7.2.13	Date time
7.2.14	Date
7.2.15	Time
7.2.16	Point in time
<b>8</b>	<b>EHR Components</b>
8.1	General
8.2	Folder
8.2.1	General
8.2.2	Folder
8.3	Compositions
8.3.1	General
8.3.2	Composition
8.4	Content and sections
8.4.1	General
8.4.2	Content
8.4.3	Section
8.5	Entries
8.5.1	General
8.5.2	Entry
8.6	Items and clusters
8.6.1	Item
8.6.2	Cluster
8.7	Element
<b>9</b>	<b>EHR Extract</b>
9.1	General
9.2	EHR extract
9.3	Extracted component set
9.4	Demographic extract
<b>10</b>	<b>Demographics</b>
10.1	General
10.2	Demographic folder
10.3	Demographic entity
10.4	Demographic item
10.5	Demographic cluster
10.6	Demographic element
<b>11</b>	<b>Conformance</b>
<b>Annex A</b>	<b>(informative) About the ISO 21090:2011 profile for datatypes</b>
A.1	Introduction

- A.2 ISO 21090:2011 indirect conformance
- A.3 Character set
- A.4 Equality
- A.5 Optionality and cardinality of attributes
- A.6 Null and Null flavor

**Annex B (informative) Alignment with HL7 FHIR**

**Annex C (informative) Cross-Domain Interoperability**

- C.1 Cross-Domain Interoperability
- C.2 Glossary

**Page count: 80**