

DIN EN ISO 13606-1:2012-12 (E)

Health informatics - Electronic health record communication - Part 1: Reference model (ISO 13606-1:2008); English version EN ISO 13606-1:2012

| Inhalt | Seite |
|--|-------|
| Foreword | 4 |
| 0 Introduction..... | 5 |
| 1 Scope | 24 |
| 2 Normative references | 24 |
| 3 Terms and definitions | 24 |
| 4 Abbreviations..... | 29 |
| 5 Conformance | 29 |
| 5.1 EHR System conformance | 29 |
| 5.2 Member country conformance..... | 30 |
| 6 Reference model..... | 30 |
| 6.1 Index to packages | 30 |
| 6.2 Package: EXTRACT package | 31 |
| 6.2.1 General | 31 |
| 6.2.2 Class EHR_EXTRACT | 33 |
| 6.2.3 Class EXTRACT_CRITERIA..... | 34 |
| 6.2.4 Class RECORD_COMPONENT{Abstract} | 35 |
| 6.2.5 Class FOLDER | 36 |
| 6.2.6 Class COMPOSITION | 37 |
| 6.2.7 Class CONTENT{Abstract}..... | 39 |
| 6.2.8 Class SECTION | 39 |
| 6.2.9 Class ENTRY | 39 |
| 6.2.10 Class ITEM{Abstract} | 41 |
| 6.2.11 Class CLUSTER | 42 |
| 6.2.12 Class ELEMENT | 42 |
| 6.2.13 Class AUDIT_INFO | 43 |
| 6.2.14 ATTESTATION_INFO..... | 44 |
| 6.2.15 Class FUNCTIONAL_ROLE | 45 |
| 6.2.16 Class RELATED_PARTY..... | 45 |
| 6.2.17 Class LINK..... | 46 |
| 6.3 Package: DEMOGRAPHICS package | 47 |
| 6.3.1 General | 47 |
| 6.3.2 Class IDENTIFIED_ENTITY{Abstract}..... | 48 |
| 6.3.3 Class SOFTWARE_OR_DEVICE | 48 |
| 6.3.4 Class ORGANIZATION | 49 |
| 6.3.5 Class PERSON | 50 |
| 6.3.6 Class IDENTIFIED_HEALTHCARE_PROFESSIONAL | 50 |
| 6.3.7 Class HEALTHCARE_PROFESSIONAL_ROLE | 51 |
| 6.3.8 Class SUBJECT_OF_CARE_PERSON_IDENTIFICATION..... | 52 |
| 6.3.9 Class TELECOM | 52 |
| 6.3.10 Class POSTAL_ADDRESS..... | 53 |
| 6.3.11 Class POSTAL_ADDRESS_PART..... | 53 |
| 6.3.12 Class ENTITY_NAME..... | 54 |
| 6.3.13 Class ENTITY_NAME_PART..... | 54 |
| 6.4 Package: SUPPORT package | 55 |
| 6.4.1 General | 55 |
| 6.4.2 Class DATA_VALUE{Abstract} | 56 |
| 6.4.3 Class CS | 56 |

| | | |
|---------------------|--|------------|
| 6.4.4 | Class CV | 57 |
| 6.4.5 | Class TEXT | 57 |
| 6.4.6 | Class ED | 58 |
| 6.4.7 | Class TS | 59 |
| 6.4.8 | Class URI | 60 |
| 6.4.9 | Class II | 61 |
| 6.4.10 | Class OID | 61 |
| 6.4.11 | Class IVL<T> | 62 |
| 6.5 | Primitive data types | 62 |
| Annex A | (informative) UML profile | 64 |
| A.1 | Introduction | 64 |
| A.2 | General | 64 |
| A.3 | Detailed documentation of the model | 65 |
| Annex B | (informative) Relationship to other standards | 66 |
| B.1 | Relationship to HL7 version 3 | 66 |
| B.2 | Relationship to EN 13940 (CONTSYS standard) | 66 |
| B.3 | Relationship to prEN 12967 HISA standard | 68 |
| B.4 | Relationship to EN 14822-1 to EN 14822-3 and CEN/TS 14822-4 GPIC standard | 70 |
| B.5 | Relationship to the IHE XDS specification | 70 |
| B.6 | Relationship to the former ENV 13606 | 72 |
| Annex C | (informative) Clinical example | 80 |
| Annex D | (informative) Mapping to statements of requirement | 93 |
| Bibliography | | 101 |