

DIN EN ISO 21090:2011-06 (E)

Health Informatics - Harmonized data types for information interchange (ISO 21090:2011); English version EN ISO 21090:2011, only on CD-ROM

Inhalt	Seite
Foreword	3
Introduction.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Abbreviated terms	8
5 Conformance	8
5.1 General	8
5.2 Direct conformance.....	9
5.3 Indirect conformance	11
6 Datatypes overview	12
6.1 What is a datatype?.....	12
6.2 Definitions of datatypes.....	13
6.3 Datatype names and re-use of common datatype names.....	13
6.4 Mapping to this datatypes International Standard.....	14
6.5 Conformance with ISO/IEC 11404.....	14
6.6 Reference to UML 2	15
6.7 Modelling of datatypes.....	15
7 Datatypes	19
7.1 General properties.....	19
7.2 Top level model	24
7.3 Basic datatypes	26
7.4 Text and binary datatypes	37
7.5 Coded datatypes (terminology)	53
7.6 Identification and location datatypes	66
7.7 Name and address datatypes.....	77
7.8 Quantity datatypes	99
7.9 Collections of datatypes	128
7.10 Continuous set datatypes	143
7.11 Uncertainty datatypes	162
7.12 Structured text	165
Annex A (normative) XML representation	187
Annex B (normative) UML support types	190
Annex C (informative) RM-ODP viewpoint mappings	193
Annex D (informative) HL7 V3 Abstract Data Types mapping.....	194
Annex E (informative) Schema for XML representation.....	201
Bibliography.....	202