ISO/TS 13582:2013-03 (E)

Health informatics - Sharing of OID registry information

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Terms,definitionsandabbreviatedterms 1
3.1 Terms and definitions 1
3.2 Abbreviations 2

4 Explanation of terms 2
4.1 OID registry and OID repository 2
4.2 Registration Authority (RA) 2
4.3 Responsible (Managing) Authority (MA) 2
4.4 Submitting Authority (SA) 3
4.5 Current Registrant 3
4.6 First Registrant 3
4.7 First Registration Authority 3
4.8 Rec. ITU-T X.660/ ISO/IEC 9834-1 3

5 Objectidentifiersinhealthcare 3
5.1 General 3
5.2 Additional descriptions 5
5.3 Related work 5

6 Approach 5
6.1 Requirements analysis 5
6.2 Preparatory work 5

7 Information model 6
7.1 General 6
7.2 Agenda of tables and symbols 7
7.3 XML exchange format 8
7.4 Registry 8
7.5 Oid 9
7.6 RegistrationAuthority 12
7.7 ResponsibleAuthority 13
7.8 SubmittingAuthority 14
7.9 HistoryAnnotation 14
7.10 Reference 15
7.11 AdditionalProperty 16
7.12 Person 16
7.13 Organization 17

8 List of Codes and Enumerations 18
8.1 CountryCodes 18
8.2 LanguageCodes 18
8.3 OIDcategories 18
8.4 OIDstatusCodes 18
8.5 ReferenceType 19

8.6 RoleCodes 19
8.7 RoleStatus 19

9 Datatypes 19
9.1 Address AD 19
9.2 Coded Simple Value CS 20
9.3 Encapsulated Data ED 20
9.4 Entity Name for a person EN.PN 20
9.5 Entity Name for an organization EN.ON 20
9.6 Instance identifier II 20
9.7 Interval of time stamp IVL_TS 21
9.8 String ST 21
9.9 String ST.NT 21
9.10 Object Identifier (dot notation) ST.OID 21
9.11 Object Identifier (asn1 notation) ST.ASN1 21
9.12 Object Identifier (iri notation) ST.IRI 21
9.13 Symbolic name ST.SYMB 21
9.14 Telecommunication TEL 21
9.15 Locatable Resource TEL.URL 21
9.16 Time stamp TS 22

Annex A (informative)OIDtypesandsubtrees 23

Annex B (informative)UseCasesandObjectIdentifierResolutionSystem(ORS) 24

Annex C (informative) W3C Schema for XML representation and information model 27

Bibliography 28