ISO 12052:2017-08 (E)

Health informatics - Digital imaging and communication in medicine (DICOM) including workflow and data management

Contents

Page

Foreword iv

0 Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Abbreviated terms 3

5 Requirements 4
5.1 Provisions 4
5.2 Conformance 4

6 Overview of the content of the DICOM standard 4
6.1 Document structure 4
6.2 PS3.2: Conformance 5
6.3 PS3.3: Information object definitions 7
6.4 PS3.4: Service class specifications 8
6.5 PS3.5: Data structure and semantics 8
6.6 PS3.6: Data dictionary 8
6.7 PS3.7: Message exchange 9
6.8 PS3.8: Network communication support for message exchange 9
6.9 PS3.9: Retired (formerly point-to-point communication support for message exchange)10 6.10 PS3.10: Media storage and file format 10
6.11 PS3.11: Media storage application profiles 11
6.12 PS3.12: Storage functions and media formats for data interchange 12
6.13 PS3.13: Retired (formerly print management point-to-point communication support) 12
6.14 PS3.14: Grayscale standard display function 13
6.15 PS3.15: Security and system management profiles 13
6.16 PS3.16: Content mapping resource 13
6.17 PS3.17: Explanatory information 13
6.18 PS3.18: Web services 13
6.19 PS3.19: Application hosting 13
6.20 PS3.20: Imaging reports using HL7 clinical document architecture 14

7 Referencing the DICOM standard 15

Bibliography 17