ISO 12052:2026-02 (E)

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

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 3

5 Requirements: Conformance 3

6 Overview of the content of the DICOM standard 4
6.1 Document structure of the DICOM standard 4
6.2 PS3.2: Conformance 4
6.3 PS3.3: Information Object Definitions 6
6.4 PS3.4: Service Class Specifications 7
6.5 PS3.5: Data Structures and Encoding 7
6.6 PS3.6: Data Dictionary 7
6.7 PS3.7: Message Exchange 8
6.8 PS3.8: Network Communication Support for Message Exchange 8
6.9 PS 3.9: Retired (formerly Point-to-point Communication Support for Message Exchange) 8
6.10 PS3.10: Media Storage and File Format for Media Interchange 9
6.11 PS3.11: Media Storage Application Profiles 10
6.12 PS3.12: Media Formats and Physical Media for Media Interchange 11
6.13 PS3.13: Retired (formerly Print Management Point-to-point Communication Support) 11
6.14 PS3.14: Grayscale Standard Display Function 11
6.15 PS3.15: Security and System Management Profiles 12
6.16 PS3.16: Content Mapping Resource 12
6.17 PS3.17: Explanatory Information 12
6.18 PS3.18: Web Services 12
6.19 PS3.19: Application Hosting 12
6.20 PS3.20: Imaging Reports using HL7 Clinical Document Architecture 13
6.21 PS3.21: Transformations between DICOM and other Representations 14
6.22 PS3.22: Real-Time Communication 14

7 Referencing the DICOM standard 14

Bibliography 16