

ADA Standards Committee on Dental Informatics Working Group Structure

INFORMATION EXCHANGE

Chairman: Dr. Jonathan Knapp
Vice Chairman: Dr. Mohamed Harunani

Scope: *To develop standards for reliable, persistent communication among providers, patients and other stakeholders.*

Chairmen: **Work Program:**

Dr. M. Licking
Mr. J. Anderson

WG 10.3 Dental Information Systems Security and Safeguards

- *Revised ADA Technical Report No. 1018 for Technical Security Mechanisms and Application to Dentistry (2022)*
- *ADA Technical Report No. 1021 for Recommendations for Data Integrity, Redundancy, Storage and Accessibility. (2023)*
- *ADA Technical Report No. 1096 for Electronic Protected Health Information HIPAA Security Risk Analysis and Plan (2023)*

Mr. G. Morgan

WG 10.9 Dissemination of Dental Laboratory Prescriptions

- *ADA Technical Report No. 1041 for Content of Electronic Laboratory Prescriptions (2019)*
- *ADA Technical Report No. 1054 for Electronic Dental Laboratory Prescriptions (2021)*
- *ADA Technical Report No. 1075 for Electronic Orthodontic Dental Laboratory Prescriptions (2019)*

Dr. S. Benjamin

WG 12.1 Digital Imaging

- *ADA Technical Report No. 1023 on Implementation Requirements for DICOM in Dentistry (2005, R2023)*
- *ADA Technical Report No. 1029 for Digital Photography (2004, R2023)*
- *ADA Technical Report No. 1048 for the Attachment of DICOM Dataset Using E-mail (2011, R2021)*
- *Proposed ADA Technical Report No. 1050 for Dental Photography and Endoscopy: Understanding and Implementing DICOM Guidelines and Visible Light Applications*

- *ADA Technical Report No. 1051 for Implementation Requirements for DICOM in Institutional Dentistry (2019)*
- *ADA Technical Report No. 1057 for Interoperability of Imaging Technologies in Today's Dental Practice (2010, R2023)*
- *Proposed ADA Technical Report No. 1063 for Structured Report*
- **Ad Hoc Subgroup Performance Measures for Intraoral Digital Radiographic Imaging Detectors:**
- *ANSI/ADA Standard No. 1094 for Quality Assurance for Digital Intra-Oral Radiographic Systems (2020)*
- *Proposed ANSI/ADA Standard No. 1098 for Quality Assurance for Cone Beam Computed Tomography CBCT*
- *ANSI/ADA Standard No. 1099 for Quality Assurance for Digital Panoramic/Cephalometric Radiology (2023)*

Standards/Technical Reports Under the Purview of Subcommittee on Information Exchange:

- *ANSI/ADA Standard No. 1079 for Standard Content of Electronic Attachments for Dental Claim (2015, R2020)*
- *ADA White Paper No. 1070 for Implementation of the Electronic Prescription Standard for Dentistry (2019, R2023)*

FORENSIC ODONTOLOGY INFORMATICS

Chairman: Dr. Kenneth Aschheim
Vice Chairman: Dr. Raymond Miller

Scope: *To develop and promote standards for the integration of clinical dental data to aid in the practice of forensic odontology.*

Chairmen: **Work Program:**

Dr. K. Aschheim **WG 14.1 Forensic Odontology Informatics Terminology**

- *ANSI/ADA Standard No. 1058 for Forensic Dental Data Set (2010, R2020)*

Vacant **WG 14.2 Human Identification by Comparative Dental Analysis**

- *ADA Technical Report No. 1088 for Human Identification by Comparative Dental Analysis (2020, R2023)*

Dr. K. Kasper **WG 14.3 Human Age Assessment by Dental Analysis**

- *ADA Technical Report No. 1077 for Human Age Assessment by Dental Analysis (2020, R2023)*

CLINICAL INFORMATICS

Chairman: Dr. Gregory Zeller

Vice Chairman: Dr. William Baez

Scope: *To develop and promote standards for application of information to clinical dentistry.*

Chairmen:

Dr. G. Zeller

Work Program:

WG 11.1 Standard Clinical Data Architecture

- *ANSI/ADA Standard No. 1000 for Standard Clinical Data Architecture (February 2010, R2020)*
- *ANSI/ADA Standard No. 1027 for an Implementation Guide for the Electronic Health Record (August 2010, R2020)*
- *ANSI/ADA Standard No. 1039 for Clinical Concept Data Model (April 2006, R2019)*
- *ANSI/ADA/ISO Standard No. 3950 for Designation System for Teeth and Areas of the Oral Cavity (August 2010, R2015)*
- *ADA Technical Report No. 1091 for Cloud Computing and Data Storage: Implications and Recommendations for Dental Practice (2017, R2021)*
- *Proposed ADA Standard No. 1108 for Dentistry – Implementation Guidance for the ADA-HL7 Dental Health Functional Profile*
- *ADA/HL7 Electronic Health Records Dental Health Functional Profile, 2021*

Dr. C. Evans
Mr. A. Magni

WG 11.6 Integration of Orthodontic Standards

- *ADA Technical Report No. 1059 – Guidelines for the Application of the DICOM Standard to Radiographic Cephalometric Data (Joint project with Working Group 12.1) (2010, R2023)*
- *ADA Technical Report No. 1065 for Use Cases of the Orthodontic Health Record (2013, R2019)*
- *ADA SCDI White Paper No. 1100 for Codes for Orthodontic Photographic Views (2021)*
- *Proposed ADA Standard No. 1107 for DICOM and SNODENT Implementation of WP1100 (Orthodontic/Craniofacial/Forensic Photographic Views and Viewsets)*

Dr. M. Jurkovich
Dr. B. Laskin

WG 11.9 Core Reference Data

- *ANSI/ADA Standard No. 1084 for Reference Core Data Set for Communication Among Dental and Other Health Information Systems (2019)*
- *Proposed ADA Standard No. 1111 for Dentistry – Oral Data Set Interoperability Network (ODIN)*

Ms. Kim Harding
7/24/23

WG. 11.10 Administrative Efficiency in Clinical Informatics

- *ADA Technical Report No. 1102 for Electronic Dental Benefits Eligibility Verification (2023)*
- *Proposed ADA Standard No. 1113 for Complete Contents for Dental Procedure--Level Data Required for Eligibility and Benefit Responses*

Dr. Paul Glassman

WG. 11.11 Teledentistry

- *Proposed ADA Technical Report No. 1112 on Teledentistry*

Standards/Technical Reports Under the Purview of Subcommittee on Clinical Informatics:

- *ADA Technical Report No. 1087 for Essential Characteristics of Digital Oral Health Risk Assessment Resources (2021)*
- *ADA Standard No. 1097 for Digital Caries Risk Assessment Resources (2020)*
- *ADA Standard No. 1105 for Digital Periodontitis Risk Assessment Resources (2022)*
- *ADA Technical Report No. 1081 for FDA's Unique Device Identification (UDI) Program for Dental Devices and Biologics Regulated as Medical Devices (2023)*
- *ADA Technical Report No. 1089 for Track and Trace for Human Cells, Tissues and Cellular and Tissue Based Products (2019)*

KNOWLEDGE MANAGEMENT

Chairman: Dr. Gary Guest
Vice Chairman: Dr. Satish Alapati

Scope: *To develop and promote standards for quality, integrity, aggregation, organization and analysis of both patient-centric information and knowledge representation for dentistry.*

Chairmen: **Work Program:**

Dr. G. Guest

WG 13.3 Dental Provider's Guide to the Electronic Dental Record

- *ADA Technical Report No. 1030 for Dental Provider's Guide to the Electronic Dental Record (2015, R2023)*
- *Proposed ADA Technical Report No. 1104 Guidance on Regulatory Compliance to Assure Electronic Health Information Interoperability and Prevention of Information Blocking*

Dr. G. Guest

WG 13.5 SCDI Standard Terms

- *ADA Technical Report No. 1069 for SCDI Standard Terms, Acronyms and Definitions (2021)*

Dr. G. Guest

WG 13.6 Utilization of EDR to Support Quality Improvement

- *ADA Technical Report No. 1083 Utilization of the Electronic Dental Record to Support Clinical Quality Improvement, Business Intelligence and Decision Support (2021)*
- *Proposed ADA Technical Report No. 1103 for Informatic Considerations in Assessment of Perceptions of Patients of their Experience*

Dr. G. Guest

WG 13.7 SNODENT

- *ADA Technical Report No. 1092 Implementation Guide to Utilization of Diagnostic Code(s)/Terms in Dental Records (2021)*

Dr. Robert Faiella

WG 13.8 Augmented Intelligence in Dentistry

- *SCDI White Paper No. 1106 for Dentistry - Overview of Artificial and Augmented Intelligence Uses in Dentistry (2022)*
- *Proposed ADA Technical Report No. 1109 for Dentistry – Image Analysis Systems Using Artificial Intelligence*
- *Proposed ADA Standard No. 1110 for Dentistry – Validation Data Set Guidance for Image Analysis Systems Using Artificial Intelligence*