

# ADA Standards Program Structure

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## CONSENSUS BODY 1: RESTORATIVE AND ORTHODONTIC MATERIALS\*

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**CHAIR:** Dr. J. Esquivel-Upshaw

**VICE-CHAIR:** Dr. J. Mitchell

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for restorative and orthodontic materials.

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## WORKING GROUP 1.2: ALLOY FOR AMALGAM, DENTAL MERCURY\*

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**CHAIR:** Dr. H. Roberts

**Scope:** The scope of the working group is the development, revision and proposal of amendments to the nomenclature, requirements and test methods for alloy for amalgam and dental mercury, including marking and/or labeling if applicable.

- ANSI/ADA Standard No. 109, Procedures for Storing Dental Amalgam Waste and Requirements for Amalgam Waste Storage/Shipment Containers
  - ANSI/ADA Standard No. 144, Dentistry - Precapsulated Dental Amalgam
  - Proposed ANSI/ADA Standard No. 223, Dentistry – Corrosion Resistance of Dental Amalgam
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## WORKING GROUP 1.3: POLYMER-BASED RESTORATIVE MATERIALS\*

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**CHAIR:** Vacant

**Scope:** Nomenclature, requirements, test methods, and equipment for polymer-based restoratives including materials for occlusal surfaces and polymer-based cements. This includes provisions for light cured, self-cured, and dual cured systems.

- ANSI/ADA Standard No. 27, Polymer-based Restorative Materials
  - ADA Technical Specification No. 150, Method for Determination of Polymerization Shrinkage Stress of Polymer-Based Restorative Materials
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## WORKING GROUP 1.4: DENTAL WATER-BASED AND ZOE CEMENTS\*

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**CHAIR:** Dr. J. Platt

**Scope:** Nomenclature, requirements, test methods and acceptance criteria for water-based and ZOE cements used in dentistry.

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- ANSI/ADA Standard No. 30, Dental Zinc Oxide - Eugenol and Zinc Oxide - Non-Eugenol Cements
- ANSI/ADA Standard No. 96, Dental Water-Based Cements
- Proposed ADA Standard No. 224, Dentistry — Test Method for Determining Radiopacity of Materials

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### WORKING GROUP 1.5: ENDODONTIC FILLING MATERIALS\*

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**CHAIR:** Dr. C. Primus

**Scope:** Nomenclature, requirements, test methods, test equipment and acceptance criteria for materials of liquid, powder, paste, or pre-formed shapes used in dental practice for cleansing, filling, sealing of root canals, or for the application thereof.

- ANSI/ADA Standard No. 57, Endodontic Sealing Materials
- ANSI/ADA Standard No. 73, Dentistry – Endodontic Absorbent Points
- ANSI/ADA Standard No. 78, Dentistry – Endodontic Obturating Materials
- Proposed ANSI/ADA Standard No. 216, Dentistry – Endodontic Irrigating Solutions and Medicaments

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### WORKING GROUP 1.7: ON ORTHODONTIC PRODUCTS\*

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**CHAIR:** Vacant

**Scope:** Nomenclature, requirements, test methods and acceptance criteria for orthodontic products, except for those products that are covered by other standards, e.g., alginate impression materials.

- ANSI/ADA Standard No. 32, Dentistry — Orthodontic Wires
- ANSI/ADA Standard No. 100, Orthodontic Brackets and Tubes
- ANSI/ADA Standard No. 105, Dentistry – Elastomeric Auxiliaries for Use in Orthodontics
- ANSI/ADA Standard No. 159, Dentistry – Coiled Springs for Use in Orthodontics
- ANSI/ADA Standard No. 178, Orthodontic Anchor Screws
- ANSI/ADA Standard No. 188, Dentistry – Materials Used to Produce Sequential Aligners
- Proposed ANSI/ADA Standard No. 208, Dentistry – Polymeric Shape-Memory Materials Used to Produce Orthodontic Appliances and Craniofacial Orthotics

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### STANDARDS UNDER PURVIEW OF CONSENSUS BODY 1

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— ANSI/ADA Standard No. 39, Dentistry - Polymer-based Pit and Fissure Sealants

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## CONSENSUS BODY 2: PROSTHODONTIC MATERIALS\*

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**CHAIR:** Dr. R. Giordano

**VICE-CHAIR:** Dr. C. Primus

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for materials used in or to fabricate dental prostheses.

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## WORKING GROUP 2.10: IMPRESSION MATERIALS\*

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**CHAIR:** Dr. J. Platt

**Scope:** This working group aims to develop standards that specify nomenclature, requirements, test methods, and acceptance criteria that the state-of-the art body of knowledge suggest for helping determine whether hydrocolloid and elastomeric impression materials, are of the quality needed for their intended purposes.

- ANSI/ADA Standard No. 19, Dentistry – Elastomeric and Bite Registration Materials
  - ANSI/ADA Standard No. 128, Hydrocolloid Impression Materials
  - ANSI/ADA Standard No. 141, Dental Duplicating Material
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## WORKING GROUP 2.12: ATHLETIC MOUTH PROTECTORS

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**CHAIR:** Dr. H. Roberts

**Scope:** This working group aims to develop standards that specify nomenclature, requirements, test methods, and acceptance criteria This specification is for thermoplastic or thermosetting polymeric materials, with or without a polymeric shell, that are capable of being formed into an athletic mouth protector, either on a model of the teeth or in the mouth directly on the teeth. It lists the types and classes of mouth protectors and lists requirements for physical properties along with tests specified for determining compliance with those requirements. It also specifies requirements for manufacturer's instructions and for packaging, labeling, and marking.

- ANSI/ADA Standard No. 99, Dentistry - Athletic Mouth Protectors and Materials
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## WORKING GROUP 2.13: CASTING ALLOYS\*

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**CHAIR:** Vacant

**Scope:** Nomenclature, requirements, test methods, and acceptance criteria for alloys for crown and bridgework and for the brazing alloys (solders) used with such alloys.

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- ANSI/ADA Standard No. 88, Dentistry – Brazing Materials
- ANSI/ADA Standard No. 134, Metallic Materials for Fixed and Removable Restorations and Appliances

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### WORKING GROUP 2.14: COLOR STABILITY\*

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**CHAIR:** Vacant

**Scope:** This working group develops test methods and requirements for determination of the color stability of dental materials

- ANSI/ADA Standard No. 80, Dentistry - Dental Materials - Determination of Color Stability
- ANSI/ADA Standard No. 161, Dentistry – Guidance on Color Measurement

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### WORKING GROUP 2.15: INDIRECT RESIN AND POLYMER MATERIALS\*

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**CHAIR:** Dr. J. Esquivel-Upshaw

**Scope:** The development, revision and proposal of amendments to the nomenclature, requirements and test methods for denture resin, resilient liners, artificial teeth and crown and bridge resin, including marking and/or labeling if applicable.

- ANSI/ADA Standard No. 15, Artificial Teeth for Dental Prostheses
- ANSI/ADA Standard No. 53, Polymer-Based Crown and Veneering Materials
- ANSI/ADA Standard No. 75, Dentistry - Soft Lining Materials for Removable Dentures - Part 1: Materials for Short-Term Use
- ANSI/ADA Standard No. 139, Dentistry - Dental Base Polymers
- ANSI/ADA Standard No. 160, Dentistry - Soft Lining Materials for Removable Dentures - Part 2: Materials for Long-Term Use
- ANSI/ADA Standard No. 182, Dentistry - Bonding Test Between Polymer Teeth and Denture Base Materials
- Proposed ANSI/ADA Standard No. 221, Dentistry - Chairside denture base relining materials - Part 1: Hard type materials
- Proposed ANSI/ADA Standard No. 222, Dentistry - Polymer-based Die Materials

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### WORKING GROUP 2.20: PORCELAIN AND METAL-CERAMIC SYSTEMS\*

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**CHAIR:** Dr. R. Giordano

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**Scope:** Nomenclature, requirements, test methods, and acceptance criteria for ceramics used in the fabrication of all –ceramic restorations and for the ceramic and alloys used to fabricate metal-ceramic restorations.

- ANSI/ADA Standard No. 38, Compatibility Testing for Metal-Ceramic and Ceramic-Ceramic Systems
- ANSI/ADA Standard No. 69, Dentistry - Ceramic Materials
- ANSI/ADA Standard No. 163, Dental Furnace – Test Method for Temperature Measurement with Separate Thermocouple
- ANSI/ADA Standard No. 164, Dental Furnace – Part 2: Test Method for Evaluation of Furnace Program via Firing Glaze
- ANSI/ADA Standard No. 194, Color Tabs for Intraoral Color Determination
- ANSI/ADA Standard No. 209, Dentistry – Test Method for the Evaluation of High Temperature Sintering Furnace Measurement with a Separate Thermocouple
- Proposed ANSI/ADA Standard No. 210, Dentistry – Translucency of Dental Ceramics
- Proposed ADA Technical Report No. 211, Dentistry – Mechanical Properties of Multi-layered Zirconia with Gradations of Translucency and Yttria Content

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### WORKING GROUP 2.21: TARNISH AND CORROSION\*

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**CHAIR:** Vacant

**Scope:** The working group develops new, revised, amendments to, reaffirmations and withdrawals of specifications regarding test methods for corrosion of dental metallic materials. When possible, the working group furnishes the expert for the corresponding ISO/TC 106 WG.

- ANSI/ADA Standard No. 97, Corrosion Test Methods for Metallic Materials

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### WORKING GROUP 2.85: BIOLOGICAL EVALUATION\*

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**CHAIRS:** Dr. M. Marshall/Dr. P. Gopal

**Scope:** Development of standard practices and nomenclature for the biological evaluation of medical devices used in dentistry, including those with pharmacological agents as an integral part of the device, to ensure that such devices are safe for their intended use.

- ANSI/ADA Standard No. 41, Evaluation of Biocompatibility of Medical Devices Used in Dentistry

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## STANDARDS UNDER PURVIEW OF CONSENSUS BODY 2

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- ANSI/ADA Standard No. 25, Dental Gypsum Products
- ANSI/ADA Standard No. 87, Impression Trays
- ANSI/ADA Standard No. 122, Dental Casting and Baseplate Waxes
- ANSI/ADA Standard No. 126, Casting Investments and Refractory Die Materials
- ANSI/ADA Standard No. 184, Laser Welding and Filler Materials in Dentistry
- ANSI/ADA Standard No. 201, Magnetic Attachments Used in Dentistry

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## CONSENSUS BODY 3: DENTAL TERMINOLOGY & SNODENT\*

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**CHAIR:** Dr. M. Jurkovich

**VICE-CHAIR:** Dr. K. Aschheim

**Scope:** Development of standards deliverables for terminology that serve the dental standards development community and for diagnostic coding that serve the dental profession.

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## WORKING GROUP 3.25: HARMONIZATION OF DENTAL CODES AND ABBREVIATIONS\*

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**CHAIR:** Dr. K. Aschheim

- ANSI/ADA Standard No. 3950, Dentistry – Designation System for Teeth and Areas of the Oral Cavity
  - Proposed ANSI/ADA Standard No. 214, Dentistry – Designation System for Supernumerary Teeth
  - Proposed ANSI/ADA Standard No. 217, Dentistry - Classification of Tooth Restorations Preparation
  - Proposed ANSI/ADA Standard No. 218, Dentistry - Designation Systems for Teeth and Areas of the Oral Cavity
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## WORKING GROUP 3.26: REVISION OF ISO 1942 TERMINOLOGY AND ADDENDA\*

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**CHAIR:** Mr. B. Schmuck

**Scope:** Spearhead revision of standard 33 and ensure that content primarily serves the dental standards development community. Collaborates on development and revision of ISO standard 1942 and ISO/TC 106 internal document 11942.

- ANSI/ADA Standard No. 33, Vocabulary Used in Dental Standards Development
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## STANDARDS UNDER PURVIEW OF CONSENSUS BODY 3

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- ANSI/ADA Standard No. 2000.8, SNODENT (Systemized Nomenclature of Dentistry)

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## CONSENSUS BODY 4: INSTRUMENTS\*

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**CHAIR:** Dr. N. Luebke

**VICE-CHAIR:** Dr. T. Komabayashi

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for dental instruments.

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## WORKING GROUP 4.27: ENDODONTIC INSTRUMENTS\*

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**CHAIR:** Dr. S. Alapati

**Scope:** Nomenclature, requirements, test methods, test equipment, and acceptance criteria for instruments and accessories used in dental preparation, cleaning, shaping, and the application of dental material for endodontic therapy.

- ANSI/ADA Standard No. 28, Endodontic Instruments – Shaping and Cleaning Instruments
  - ANSI/ADA Standard No. 101-4, Dentistry - Endodontic Instruments: Auxiliary Instruments
  - ANSI/ADA Standard No. 101-3, Dentistry - Endodontic Instruments: Compactors
  - ANSI/ADA Standard No. 101-2, Dentistry - Endodontic Instruments: Enlargers
  - ANSI/ADA Standard No. 101, Endodontic Instruments: General Requirements
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## WORKING GROUP 4.28: HAND INSTRUMENTS\*

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**CHAIR:** Mr. M. Dammann

**Scope:** Nomenclature, materials, requirements, test methods, test equipment, and acceptance criteria for manually operated hand instruments used in dentistry, excluding syringes and excluding instruments used for endodontic therapy.

- Proposed Revision of ANSI/ADA Standard No. 113, Dentistry - Periodontal Curettes and Dental Scalers
- ANSI/ADA Standard No. 169, Dentistry - General Requirements for Periodontal Probes
- Proposed Revision of ANSI/ADA Standard No. 170, Dentistry - Excavators
- ANSI/ADA Standard No. 191, Dentistry - Intra-Oral Mirrors
- ANSI/ADA Standard No. 192, Dentistry - Dental Explorer
- Proposed ANSI/ADA Standard No. 195, Dentistry - Dental Tweezers
- ANSI/ADA Standard No. 196, Materials for Dental Instruments — Part 1: Stainless Steel

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- Proposed ANSI/ADA Standard No. 196-2, Dentistry - Materials for Dental Instruments
    - Part 2: Polymers
  - ANSI/ADA Standard No. 197, Spoons and Bone Curettes used in Dentistry
  - Proposed ANSI/ADA Standard No. 199, Dentistry – Osteotome
  - Proposed ANSI/ADA Standard No. 200, Dentistry – Extraction Forceps
  - Proposed ANSI/ADA Standard No. 205, Dentistry –Tissue Punches
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### WORKING GROUP 4.29: HANDPIECES\*

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**CHAIR:** Mr. A. Bautista

**Scope:** Nomenclature, requirements, test methods, test equipment, and acceptance criteria for dental handpieces and motors. This may include provisions for electric and air powered handpieces and motors, high speed air turbine handpieces, prophylaxis handpieces, powered scalers, powder jet handpieces, and multifunction handpieces (syringes).

- ANSI/ADA Standard No. 35, Dentistry - Handpieces and Motors
  - ANSI/ADA Standard No. 157, Powered Dental Scaler Handpieces and Tips
  - ANSI/ADA Standard No. 158, Dentistry - Coupling Dimensions for Handpiece Connectors
  - Proposed ANSI/ADA Standard No. 174, Hose Connectors for Air- Driven Dental Handpieces
  - ANSI/ADA Standard No. 198, Multifunction Handpieces
  - ANSI/ADA Standard No. 212, Dentistry – Powder Jet Handpieces and Powders
  - ANSI/ADA Standard No. 213, Dentistry – Intraoral Camera
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### WORKING GROUP 4.31: ROTARY INSTRUMENTS\*

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**CHAIR:** Dr. D. Risk

**Scope:** Nomenclature, requirements, test methods, test equipment, and acceptance criteria for dental rotary instruments which are designed to cut and modify tooth structure and dental materials. This working group may include provisions regardless of actual clinical or laboratory use. This working group will not include endodontic rotary or oscillating instruments nor those used in surgical specialties as those instruments are covered under separate working groups.

- ANSI/ADA Standard No. 179, Dentistry - Shanks for Rotary and Oscillating Instruments

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- ANSI/ADA Standard No. 180, Dentistry – Test Methods for Rotary Instruments
- Proposed ANSI/ADA Standard No. 181, Dental Rotary Bur Instruments – Part 1: Steel and Carbide Burs

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### **WORKING GROUP 4.84: SYRINGES, CARTRIDGES, NEEDLES\***

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**CHAIR:** Vacant

- ANSI/ADA Standard No. 34, Dentistry - Cartridge Syringes
- ANSI/ADA Standard No. 54, Double-Pointed, Parenteral, Single Use Needles for Dentistry
- ANSI/ADA Standard No. 183, Dentistry - Reprocessable Cartridge Syringes for Intraligamentary Injections
- ANSI/ADA Standard No. 190, Dentistry - Single-use Cartridges for Local Anaesthetics

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### **STANDARDS UNDER PURVIEW OF CONSENSUS BODY 4**

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# ADA Standards Program Structure

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## CONSENSUS BODY 5: INFECTION PREVENTION AND CONTROL \*

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**CHAIR:** Dr. S. Mills

**VICE-CHAIR:** Dr. F. Collins

**Scope:** Development of standards deliverables for products and procedures used for infection prevention, infection control and personal protection used in dentistry.

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### WORKING GROUP 5.54: STERILIZATION\*

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**CHAIR:** Dr. S. Mills

**Scope:** The development of relevant standards deliverables for products and procedures used for (re) processing of devices and instruments used in dentistry.

- ANSI/AAMI/ADA Standard ST-40, Table-top dry heat (heated air) sterilization and sterility assurance in health care facilities
  - ANSI/AAMI/ADA Standard ST-55, Table-top Steam Sterilizers
  - Proposed ANSI/AAMI/ADA ST-113, Comprehensive guide for steam sterilization and sterility assurance for dental facilities
  - ADA Technical Report No. 168, Guidance on Method Development and Validation of Cleaning Processes
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### STANDARDS UNDER PURVIEW OF CONSENSUS BODY 5

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- ANSI/ISEA/ADA Standard Z87.62, Occupational and Educational Eye and Face Protection Devices for Preventing Exposures Caused by Sprays or Spurts of Blood or Body Fluids

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## CONSENSUS BODY 6: EQUIPMENT\*

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**CHAIR:** Dr. J. Zawada

**VICE-CHAIR:** Dr. S. Alapati

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for dental equipment.

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### WORKING GROUP 6.33: VISIBLE LIGHT CURING UNITS\*

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**CHAIR:** Vacant

**Scope:** Nomenclature, requirements, test methods, and acceptance criteria for dental curing lights for activation of resin.

- ANSI/ADA Standard 48, Curing Lights (Powered Polymerization Activators)
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### WORKING GROUP 6.35: DENTAL CHAIRS, UNITS, STOOLS\*

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**CHAIR:** Dr. E. Roberts

**Scope:** Nomenclature, requirements, test methods, and acceptance criteria for dental chairs, units and stools. These standards including requirements for intended performance, safety design test methods and other applicable elements of conformity.

- ANSI/ADA Standard No. 47-1, Stationary Dental Units and Patient Chairs, Part 1: General Requirements.
  - ANSI/ADA Standard No. 47-2, Stationary Dental Units and Patient Chairs, Part 2: Air, Water, Suction and Wastewater Systems
  - ANSI/ADA Standard No. 74, Dentistry - Operators Stool
  - ANSI/ADA Standard No. 203, Dentistry-Materials Used for Dental Equipment Surfaces-Determination of Resistance to Chemical Disinfectants
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### WORKING GROUP 6.37: DENTAL OPERATORY LIGHTS\*

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**CHAIR:** Vacant

**Scope:** Nomenclature, requirements, test methods, and acceptance criteria for illumination in dentistry.

- ANSI/ADA Standard No. 89, Dental Operating Lights

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## WORKING GROUP 6.48: AIR AND WATER TREATMENT SYSTEMS\*

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**CHAIR:** Dr. S. Mills

**Scope:** Development of standards deliverables for the nomenclature, requirements and test methods for dental air and water treatment systems, including marking and/or labeling if applicable.

- ANSI/ADA Standard No. 167, Dentistry - Test Methods for Dental Unit Waterline Biofilm Treatment
  - Proposed ANSI/ADA Standard No. 207, Dentistry – Dental Unit Water Quality Part 1: Requirements for Manufacturers
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## WORKING GROUP 6.57: AMALGAM SEPARATORS\*

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**CHAIR:** Mr. P. Berglund

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for amalgam separation.

- ANSI/ADA Standard No. 108, Amalgam Separators
  - ANSI/ADA Technical Addendum for ANSI/ADA 108, Amalgam Separators
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## WORKING GROUP 6.58: DENTAL LASERS

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**CHAIR:** Dr. S. Benjamin

**Scope:** The development of technical reports and guidelines for the safe and effective utilization of lasers in dentistry.

- ADA Technical Report No. 133, Guide to Dental Lasers and Related Light- Based Technologies: Technology, Science and Safety Considerations
  - ADA Technical Report No. 189, Dentistry – Photobiomodulation (Pbm) in Oral Health: The Technology, Science, and Safety Considerations
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## WORKING GROUP 6.63: PORTABLE DENTAL EQUIPMENT\*

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**CHAIR:** Mr. S. Gefter

**Scope:** Nomenclature, requirements, test methods and acceptance criteria for Portable Dental Equipment.

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- ANSI/ADA Standard No. 114, Portable Dental Equipment for Use in Nonpermanent Healthcare Environment - General Requirements
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### WORKING GROUP 6.83: RADIATION PROTECTION DEVICES

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**CHAIR:** Dr. P. Mah

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for radiation protection devices for use in dentistry.

- Proposed ADA Technical Report No. 204, Dentistry – Guide to Radio-Protective Barrier Devices for Patients
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### STANDARDS UNDER PURVIEW OF CONSENSUS BODY 6

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- ANSI/ADA Standard No. 94, Central Compressed Air Source Equipment
- ANSI/ADA Standard No. 43, Dentistry - Mixing Machines for Dental Amalgam
- ANSI/ADA Standard No. 177, Dentistry - Central Suction Source Equipment

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## CONSENSUS BODY 7: ABRASIVES AND ORAL HYGIENE DEVICES\*

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**CHAIR:** Dr. C. Carey

**VICE-CHAIR:** Dr. C. Tyrakowski

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for oral care products.

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### WORKING GROUP 7.43: MANUAL (NON-POWERED) INTERDENTAL BRUSHES AND MANUAL INTERDENTAL CLEANING DEVICES\*

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**CHAIR:** Dr. J. Spomer

**Scope:** This working group specifies requirements and test methods for the physical properties of manual, non-powered, interdental brushes and manual interdental cleaning devices to promote their safety for their intended use.

- ANSI/ADA Standard No. 125, Manual Interdental Brushes
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### WORKING GROUP 7.44: POWERED ORAL HYGIENE DEVICES\*

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**CHAIRS:** Dr. C. Tyrakowski/Dr. J. Spomer

**Scope:** This working group specifies minimum requirements and test methods for the physical properties of powered toothbrushes in order to promote the safety of these products for their intended use. Specifically excluded are other types of oral hygiene devices (such as powered interdental brushes) and manual toothbrushes.

- ANSI/ADA Standard No. 120, Powered Toothbrushes
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### WORKING GROUP 7.45: MANUAL TOOTHBRUSHES\*

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**CHAIRS:** Dr. C. Tyrakowski

**Scope:** This working group specifies requirements and test methods for the physical properties of manual toothbrushes in order to promote the safety of these products for their intended use.

- ANSI/ADA Standard No. 119, Manual Toothbrushes
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### WORKING GROUP 7.55: ORAL RINSES\*

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**CHAIR:** Dr. C. Carey/Dr. C. Tyrakowski

**Scope:** Develop and maintain requirements and test methods to promote safety for oral rinse products in the form of national standards.

- ANSI/ADA Standard No. 116, Dentistry - Oral Rinses
- ANSI/ADA Standard No. 151, Dentistry - Screening Method for Erosion Potential of Oral Rinses on Dental Hard Tissues
- Proposed ANSI/ADA Standard No. 175, Dentistry – Antimicrobial Oral Rinses

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## WORKING GROUP 7.56: TOOTHPASTES\*

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**CHAIR:** Dr. C. Carey

**Scope:** This standard specifies requirements and test methods for the physical and chemical properties, and for the marking and/or labeling, of toothpastes for daily use with a toothbrush by the public to promote oral health.

- ANSI/ADA Standard No. 130, Dentistry - Dentifrices - Requirements, Test Methods and Marking

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## WORKING GROUP 7.60: WHITENING AGENTS\*

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**CHAIR:** Dr. C. Carey

**Scope:** Development of requirements, nomenclature, and test methods for tooth bleaching materials.

- ANSI/ADA Standard No. 136, Products for External Tooth Bleaching

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## WORKING GROUP 7.61: FLUORIDE VARNISHES\*

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**CHAIR:** Dr. C. Carey

**Scope:** Develop test methods and requirements for fluoride varnishes.

- ANSI/ADA Standard No. 117, Fluoride Varnishes

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## WORKING GROUP 7.67: DENTURE ADHESIVES\*

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**CHAIR:** Dr. C. Carey

**Scope:** Develop and maintain requirements and test methods to promote safety for denture adhesive products in the form of national standards.

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— ANSI/ADA Standard No. 135, Denture Adhesives

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## WORKING GROUP 7.73: ANALYTICAL METHODS FOR ORAL CARE PRODUCTS\*

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**CHAIR:** Dr. C. Carey

**Scope:** Develop and validate analytical methods of oral care products for use in the established or requirements in oral care products.

- ANSI/ADA Standard No. 171, Dentistry - Analysis of Fluoride Concentration in Aqueous Solutions by Use of Fluoride Ion-Selective Electrode
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## WORKING GROUP 7.79: DENTAL FLOSS\*

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**CHAIR:** Dr. J. Spomer

- ANSI/ADA Standard No. 185, Dentistry - Integrated Dental Floss and Handles
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## STANDARDS UNDER PURVIEW OF CONSENSUS BODY 7

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- ANSI/ADA Standard No. 37, Dentistry - Abrasive Powders
- ANSI/ADA Standard No. 62, Dentistry - Abrasive Pastes

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## CONSENSUS BODY 8: DENTAL IMPLANTS\*

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**CHAIR:** Mr. F. Larson

**VICE-CHAIR:** Dr. H. B. Wen

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for the chemical, physical, mechanical, biological and clinical aspects and behavior of devices to be implanted in the oral cavity, and for related accessories.

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### WORKING GROUP 8.47: IMPLANTABLE MATERIALS\*

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**CHAIR:** Vacant

**Scope:** The development, revision and proposal of amendments of standards for the physical and chemical aspects of dental implants.

- ANSI/ADA Standard No. 206, Dentistry – Implantable materials for bone filling and augmentation in oral and maxillofacial surgery – Contents of a technical file
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### STANDARDS UNDER PURVIEW OF CONSENSUS BODY 8

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- ANSI/ADA Standard No. 127, Dynamic Loading Test for Endosseous Dental Implants
- ANSI/ADA Standard No. 172, Dentistry - Minimal Dental Implant Data Set for Clinical Use
- ANSI/ADA Standard No. 173, Dentistry - Designation System for Dental Implants

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# ADA Standards Program Structure

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## CONSENSUS BODY 9: CAD/CAM IN DENTISTRY\*

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**CHAIR:** Dr. J. Park

**VICE-CHAIR:** Dr. D. Shin

**SECRETARY:** Mr. C. Stapleton

**Scope:** Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for dental CAD/CAM systems including materials, scanning devices, manufacturing devices, software and related equipment.

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### WORKING GROUP 9.65: DENTAL CAD/CAM MACHINABLE BLANKS\*

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**CHAIR:** Dr. R. Giordano

**Scope:** Requirements and test methods for blank materials used in the fabrication of dental restorations and devices.

- ANSI/ADA Standard No. 131, Dentistry - Dental CAD/CAM Machinable Zirconia Blanks
  - ANSI/ADA Standard No. 186, Dentistry – Polymer-based Machinable Blanks
  - ANSI/ADA Standard No. 187, Dentistry – Dental CAD/CAM Machinable Ceramic Blanks
  - Proposed ANSI/ADA Standard No. 219, Dentistry - Properties of CAD/CAM Definitive Restorations
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### WORKING GROUP 9.66: SCANNING ACCURACY OF DENTAL CHAIR-SIDE AND LABORATORY CAD/CAM SYSTEMS\*

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**CHAIR:** Dr. J. Park

**Scope:** Test methods used to evaluate the repeatability, reproducibility and accuracy of dental devices for 3D metrology.

- ANSI/ADA Standard No. 132, Dentistry - Scanning Accuracy of Dental Chair Side and Laboratory CAD/CAM Systems
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### WORKING GROUP 9.68: CAD/CAM IMPLANT SURGICAL GUIDES

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**Chair:** Dr. K. Ochiai

**Scope:** Nomenclature, requirements, and test methods for dental implant CAD/CAM surgical guides fabricated utilizing digital manufacturing processes.

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- ADA Technical Report No. 142, CAD/CAM Dental Implant Guided Surgical Devices and Maxillofacial Prosthetics

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### WORKING GROUP 9.69: CEMENTATION AND BONDING OF CAD/CAM FABRICATED RESTORATIONS

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**CHAIR:** Dr. D. Hancock

**Scope:** Recommendations and guidance for the successful clinical cementation/bonding techniques for CAD/CAM fabricated substrates/substructures using the principles of adhesion mechanisms.

- ADA Technical Report No. 143, Guidance for Cementation and Bonding of CAD/CAM Fabricated Restorations

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### WORKING GROUP 9.70: INTERFACES FOR DENTAL CAD/CAM SYSTEMS\*

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**CHAIR:** Mr. C. Stapleton

**Scope:** Development of standardization methods for the application of information systems security and safeguards to clinical dentistry.

- ANSI/ADA Standard No. 145, Dentistry - Interoperability of CAD/CAM Systems

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### WORKING GROUP 9.71: CAD/CAM IMPLANT ABUTMENTS

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**CHAIR:** Mr. R. Kreyer

**Scope:** Requirements and test methods for assessing safety, reliability, accuracy, and reproducibility of patient specific CAD/CAM abutments designed for use with implants.

- ADA Technical Report No. 146, CAD/CAM Implant Abutments

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### WORKING GROUP 9.72: DENTAL APPLICATION OF ADDITIVE MANUFACTURING\*

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**CHAIR:** Dr. D. Shin

**Scope:** Test methods for the evaluation of the repeatability, reproducibility, and accuracy for dental applications of Additive Manufacturing processes.

- Proposed ADA Technical Report No. 147, Accuracy of CAD/CAM 3D Printed Dental Products

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# ADA Standards Program Structure

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## WORKING GROUP 9.75: TERMINOLOGY FOR CAD/CAM SYSTEMS\*

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**CHAIR:** Mr. J. McGuire

**Scope:** The scope of this working group is the development, revision and proposal of amendments for a standardized nomenclature for dental CAD/CAM systems.

- ANSI/ADA Standard No. 165, Dentistry – Vocabulary for CAD/CAM Systems
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## WORKING GROUP 9.76: ACCURACY OF COMPUTER-AIDED MANUFACTURING IN DENTISTRY\*

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**CHAIR:** Mr. C. Brown

**Scope:** The development, revision and proposal of amendments to the nomenclature requirements and test methods to determine the accuracy of computer-aided manufacturing in dentistry.

- ANSI/ADA Standard No. 176, Dentistry - Test Method for Machining Accuracy of Computer-Aided Milling Machines
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## WORKING GROUP 9.78: ACCURACY OF CAD/CAM DIGITAL DENTURES

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**CHAIR:** Mr. J. McGuire

- Proposed ADA Standard No. 166, Dentistry – Accuracy of CAD/CAM Produced Digital Dentures
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## WORKING GROUP 9.82: ACCURACY OF CAD/CAM VIRTUAL ARTICULATOR SYSTEMS

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**CHAIR:** Dr. H. An

- Proposed ADA Technical Report No. 202, Accuracy of CAD/CAM Virtual Articulator Systems
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## WORKING GROUP 9.86: ORTHODONTIC ALIGNERS IN CAD/CAM

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**CHAIR:** Mr. C. Stapleton

- Proposed ADA Standard No. 215, Dentistry - Orthodontic Aligners in CAD/CAM
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\* Indicates work with international standards and a fee may apply for Producer members. Producer members on a Consensus Body get access to all Working Groups under that Consensus Body at no extra fee. No fee applies for any terminology groups (CBs 3 and 10).

# ADA Standards Program Structure

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## WORKING GROUP 9.87: CAD/CAM SPORTS MOUTH PROTECTORS

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**CHAIR:** Dr. K. Ochiai

— Proposed ADA Standard No. 220, Dentistry – CAD/CAM Sports Mouth Protectors

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# ADA Standards Program Structure

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## CONSENSUS BODY 10: FORENSICS\*

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**CHAIR:** Dr. K. Aschheim

**VICE-CHAIR:** Dr. R. Miller

**Scope:** Development of standards deliverables for nomenclature and requirements for the integration of dental data to aid in the practice of forensic odontology.

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### WORKING GROUP 10.11: FORENSIC ODONTOLOGY INFORMATICS TERMINOLOGY\*

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**CHAIR:** Dr. K. Aschheim

**Scope:** To develop and promote standards for terminology to aid in the practice of forensic odontology.

- ANSI/ADA Standard No. 1058, Forensic Dental Data Set
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### WORKING GROUP 10.12: HUMAN IDENTIFICATION BY COMPARATIVE DENTAL ANALYSIS

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**CO-CHAIRS:** Dr. R. Fixott and Dr. R. Miller

**Scope:** To develop, maintain and modify guidelines for dental identification by comparative dental analysis.

- ADA Technical Report No. 1088, Human Identification by Comparative Dental Analysis
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### WORKING GROUP 10.13: HUMAN AGE ASSESSMENT BY DENTAL ANALYSIS

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**CHAIR:** Dr. K. Kasper

**Scope:** Development of standards deliverables for assessing the chronological/biological age range (age interval vs. age range) of an individual by dental means.

- ADA Technical Report No. 1077, Human Age Assessment by Dental Analysis
  - Proposed ANSI/ADA Standard No. 1119, Dentistry - Designation System for Tooth Developmental Stages
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# ADA Standards Program Structure

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## CONSENSUS BODY 11: DENTAL DATA STRUCTURE AND EXCHANGE

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**CHAIR:** Dr. W. Baez

**VICE-CHAIR:** Ms. K. Harding

**Scope:** Development of standards deliverables for nomenclature and requirements for dental patient data models and digital image formats to enable interoperable communication among providers, patients and other stakeholders.

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### WORKING GROUP 11.1: STANDARD CLINICAL DATA ARCHITECTURE

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**CHAIR:** Dr. A. Shanmugavel

**Scope:** To develop and promote standards for best use of information to improve the health and well-being of individuals and populations.

- ANSI/ADA Standard No. 1000, Dentistry - Standard Clinical Data Architecture
  - ANSI/ADA Standard No. 1027, Dentistry - Implementation Guide for ANSI/ADA Standard No. 1000, Dentistry - Standard Clinical Data Architecture
  - ANSI/ADA Standard No. 1039, Dentistry - Standard Clinical Conceptual Data Model
  - ANSI/ADA/ISO Standard No. 3950, Designation System for Teeth and Areas of the Oral Cavity
  - ADA Technical Report No. 1091, Cloud Computing and Data Storage: Implications and Recommendations for Dental Practice
  - ANSI/ADA Standard No. 1108, Dentistry – Implementation Guidance for the ADA-HL7 Dental Health Functional Profile
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### WORKING GROUP 11.6: INTEGRATION OF ORTHODONTIC STANDARDS

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**CHAIRS:** Dr. C. Evans/Mr. A. Magni

**Scope:** To identify common formats and protocols for the definition and exchange of orthodontic data, broadly classified as imaging data (scans, X-rays, photographs, cephalometric data, etc.) and other data related to patients and orthodontic treatments (demographic data, patient records, diagnostic and treatment planning information).

- ADA Technical Report No. 1059, Guidelines for the Application of the DICOM Standard to Radiographic Cephalometric Data (Joint project with Working Group 12.1)
- ADA Technical Report No. 1065, Use Cases of the Orthodontic Health Record

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- ADA White Paper No. 1100, Orthodontic/Craniofacial/Forensic Photographic Views and View Sets
- Proposed ADA Standard No. 1107, DICOM and SNODENT Implementation of WP1100 (Orthodontic/Craniofacial/Forensic Photographic Views and Viewsets)
- Proposed ANSI/ADA Standard No. 1117, Dentistry – 3D Intraoral and Extraoral Surface Scans Functional Profile
- Proposed ADA White Paper / Standards Development Guidance Document: Diagramming Techniques in Standards Development
- Proposed ADA Standard No. 1118, Dentistry – Implementation of Orthodontic ViewSets using DICOM

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### WORKING GROUP 11.9: CORE REFERENCE DATA

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**CHAIRS:** Dr. M. Jurkovich/Dr. B. Laskin

**Scope:** To develop a set of reference data values for messaging between dental information systems.

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

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### WORKING GROUP 11.10: ADMINISTRATIVE EFFICIENCY IN CLINICAL INFORMATICS

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**CHAIR:** Ms. K. Harding

**Scope:** To support the industry to improve the transmission of necessary information from dental offices to carriers (270) and from carriers to dental offices (271), through all the intermediate business partners including clearinghouses and practice management software vendors.

- ADA Technical Report No. 1102, Electronic Dental Benefits Eligibility Verification
- ADA Standard No. 1113, Dentistry — Contents for Dental Procedure-Level Data Required for Eligibility and Benefit Responses
- Proposed ANSI/ADA Standard No. 1115, Dentistry — Electronic Remittance Advice for EDI and Web Portal Data Exchange Standardization
- Proposed ADA Standard No. 1120-5, Dentistry — Data Content Standard: Prior Authorization and Predetermination

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### WORKING GROUP 11.11: TELEDENTISTRY

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**CHAIR:** Dr. P. Glassman

- ADA Technical Report No. 1112, Teledentistry

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## WORKING GROUP 11.12: DENTAL INFORMATION SYSTEMS SECURITY AND SAFEGUARDS

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**CHAIRS:** Vacant

**Scope:** To develop standards for application of information systems security and safeguards to clinical dentistry.

- ADA Technical Report No. 1018, Technical Security Mechanisms and Application to Dentistry
- ADA Technical Report No. 1021, Data Integrity, Redundancy, Storage and Accessibility
- ADA Technical Report No. 1096, Electronic Protected Health Information HIPAA Security Risk Analysis and Plan

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## WORKING GROUP 11.13: DISSEMINATION OF DENTAL LABORATORY PRESCRIPTIONS

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**CHAIR:** Mr. G. Morgan

**Scope:** To develop standards to outline the needs of dental laboratory prescription to be electronically presented inclusive of data necessary in a format representative of logical production progression and inclusive of information necessary for the unique and special needs of a diverse patient population. The standards will cover necessary aspects of data security, transmission and storage outlining requirements for the dental practitioner and all who will have access to the electronic dissemination of patient information offsite including an outsourced dental laboratory will also be addressed.

- ADA Technical Report No. 1041, Content of Electronic Laboratory Prescriptions
- ADA Technical Report No. 1054, Electronic Dental Laboratory Prescription Forms
- ADA Technical Report No. 1075, Electronic Orthodontic Dental Laboratory Prescriptions

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## WORKING GROUP 11.14: DIGITAL IMAGING

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**CO-CHAIRS:** Dr. S. Benjamin/Dr. P. Mah

**Scope:** The DICOM (Digital Imaging and Communications in Medicine) standard is used to permit exchange of diagnostic images from different radiographic systems, known as

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interoperability. The purpose of the working group is to develop standards and technical reports that specify the relevant parts of the DICOM (Digital Imaging and Communications in Medicine) standard for interoperability in dentistry. The working group also encompasses all aspects of digital imaging technologies, photography and radiography, software and hardware selection and radiation exposure monitoring.

- ADA Technical Report No. 1023, Implementation Requirements for DICOM in Dentistry
- ADA Technical Report No. 1029, Guide to Digital Dental Photography and Imaging
- ADA Technical Report No. 1048, Attachment of DICOM Datasets Using E-Mail in Dentistry
- Proposed ADA Technical Report No. 1050, Dental Photography and Endoscopy: Understanding and Implementing DICOM Guidelines and Visible Light Applications
- ADA Technical Report No. 1051, DICOM Requirements for Digital Imaging in Institutional Dentistry
- ADA Technical Report No. 1057, Guidelines for Digital Imaging Systems and Interoperability in Today's Dental Practice
- Proposed ADA Technical Report No. 1063, Structured Report
- ANSI/ADA Standard No. 1094, Quality Assurance for Digital Intra-Oral Radiographic Systems
- Proposed ANSI/ADA Standard No. 1098, Dentistry — Quality Assurance for Cone Beam Computed Tomographic (CBCT) Systems
- ANSI/ADA Standard No. 1099, Quality Assurance for Digital Panoramic/Cephalometric Radiology
- Proposed ANSI/ADA Standard No. 1114, Dentistry — Implementation Requirements for the Effective Use of DICOM

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### WORKING GROUP 11.15: DATA CONTENT STANDARDIZATION TO SUPPORT MANDATED ADMINISTRATIVE TRANSACTIONS

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**CHAIR:** Dr. A. Shanmugavel

**Scope:** Data content standards are guidelines on data elements to ensure uniformity, clarity, and interoperability across systems required for electronic administrative transactions, particularly those mandated under HIPAA, as well as by state and federal agencies, enabling standardized information exchange between health plans, providers, and other entities. The working group will be tasked to maintain standards related to the data content required for revenue cycle management, administrative efficiency, and burden reduction to ensure seamless communication, reduce errors, and improve overall efficiency. (Will work in collaboration with WG 11.10 Administrative Efficiency in Clinical Informatics, as applicable.)

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- Proposed ADA Standard No. 1120-1, Dentistry — Data Content Standard: Dental Claim Status Verification
- Proposed ADA Standard No. 1120-2, Dentistry — Data Content Standard: Dental Coordination of Benefits
- Proposed ADA Standard No. 1120-3, Dentistry — Data Content Standard: Dental Plan Coverage Information
- Proposed ADA Standard No. 1120-4, Dentistry — Data Content Standard: Dental Explanation of Benefits
- Proposed ADA Standard No. 1120-6, Dentistry — Data Content Standard: Advanced Explanation of Benefits and Good Faith Estimate

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### STANDARDS DELIVERABLES UNDER THE PURVIEW OF CONSENSUS BODY 11

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- ANSI/ADA Standard No. 1079, Standard Content of Electronic Attachments for Dental Claims
- ADA White Paper No. 1070, Electronic Pharmaceutical Prescription Standard for Dentistry
- ADA Technical Report No. 1087, Essential Characteristics of Digital Oral Health Risk Assessment Resources
- ANSI/ADA Standard No. 1097, Dentistry - Digital Caries Risk Assessment Resources
- ANSI/ADA Standard No. 1105, Digital Periodontitis Risk Assessment Resources
- ADA Technical Report No. 1081, FDA's Unique Device Identification (UDI) Program for Dental Devices and Biologics Regulated as Medical Devices
- ADA Technical Report No. 1089, Track and Trace for Human Cells, Tissues and Cellular and Tissue Based Products

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# ADA Standards Program Structure

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## CONSENSUS BODY 12: AI AND KNOWLEDGE MANAGEMENT\*

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**CHAIR:** Dr. G. Guest

**VICE-CHAIRS:** Dr. R. Faiella and Dr. S. Alapati

**Scope:** Development of standards deliverables for nomenclature and requirements for quality, integrity, ethical integration, security, trust, aggregation, organization and analysis of non-biased patient-centric information, knowledge representation and artificial intelligence for dentistry.

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### WORKING GROUP 12.3: DENTAL PROVIDER'S GUIDE TO THE ELECTRONIC DENTAL RECORD

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**CHAIR:** Dr. J. Thompson

**Scope:** To develop and promote standards and technical reports that use patient information and related data for patient and practice management, clinical quality improvement, and clinical research.

- ADA Technical Report No. 1030, Dental Provider's Guide to the Electronic Dental Record
  - Proposed ANSI/ADA Standard No. 1116, Dentistry — Interoperability with Regulatory Compliance in EHR Systems
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### WORKING GROUP 12.4: SCDI STANDARD TERMS

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**CHAIR:** Dr. G. Guest

**Scope:** To develop standardized terms, acronyms, and definitions for dental informatics.

- ADA Technical Report No. 1069, SCDI Standard Terms, Acronyms and Definitions
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### WORKING GROUP 12.5: UTILIZATION OF EDR TO SUPPORT QUALITY IMPROVEMENT

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**CHAIR:** Dr. G. Guest

**Scope:** To develop information for providers of the potentials for the Electronic Dental Record (EDR) to support quality improvement in practice and patient management by analysis of data that can be obtained from the EDR system.

- ADA Technical Report No. 1083, Utilization of the Electronic Dental Record to Support Clinical Quality Improvement, Business Intelligence and Decision Support

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## ADA Standards Program Structure

- Proposed ADA Technical Report No. 1103, Informatic Considerations in Assessment of Perceptions of Patients of their Experience

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### WORKING GROUP 12.6: SNODENT IMPLEMENTATION

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**CHAIR:** Dr. G. Guest

**Scope:** Implementation of Systematized Nomenclature of Dentistry (SNODENT) will develop guidelines for its implementation in dental practice management systems. SNODENT is the ADA's set of terms and concepts designed for use in electronic dental records, which provides standardized descriptions for dental disease and other clinical details and patient characteristics.

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

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### WORKING GROUP 12.7: ARTIFICIAL AND AUGMENTED INTELLIGENCE IN DENTISTRY\*

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**CHAIR:** Dr. R. Faiella

**Scope:** To develop standards, technical reports, and white papers on topics related to artificial and augmented intelligence in dentistry.

- ADA White Paper No. 1106, Dentistry - Overview of Artificial and Augmented Intelligence Uses in Dentistry
- ADA Technical Report No. 1109, Dentistry – Image Analysis Systems Using Artificial Intelligence
- ANSI/ADA Standard No. 1110-1, Dentistry - Validation Dataset Guidance for Image Analysis Systems Using Artificial Intelligence, Part 1: Image Annotation and Data Collection
- Proposed ANSI/ADA Standard No. 1121, Dentistry - Artificial Intelligence (AI) and Augmented Intelligence (Aul) Based 2D Radiograph Analysis - Data Generation, Data Annotation and Data Processing

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