
CONSENSUS BODY 1: RESTORATIVE AND ORTHODONTIC MATERIALS*

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

WORKING GROUP 1.2: ALLOY FOR AMALGAM, DENTAL MERCURY*

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 Alloy for Dental Amalgam
-

WORKING GROUP 1.3: POLYMER-BASED RESTORATIVE MATERIALS*

CHAIR: Dr. S. Megremis

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 for Polymer-based Restorative Materials
 - ADA Technical Specification No. 150 for 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*

CHAIR: Dr. J. Platt

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

- ANSI/ADA Standard No. 30 for Dental Zinc Oxide - Eugenol and Zinc Oxide - Non-Eugenol Cements
- ANSI/ADA Standard No. 96 for Dental Water-Based Cements

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WORKING GROUP 1.5: ENDODONTIC FILLING MATERIALS*

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 for Endodontic Sealing Materials
- ANSI/ADA Standard No. 73 for Dental Absorbent Points
- ANSI/ADA Standard No. 78 for Dental Obturating Cones
- Proposed ANSI/ADA Standard No. 216 Dentistry – Irrigating Solutions and Medicaments for Endodontic Procedures

WORKING GROUP 1.7: ON ORTHODONTIC PRODUCTS*

CHAIR: Dr. S. Megremis (*ACTING*)

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

STANDARDS UNDER PURVIEW OF CONSENSUS BODY 1

- ANSI/ADA Standard No. 39 for Pit and Fissure Sealants

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CONSENSUS BODY 2: PROSTHODONTIC MATERIALS*

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

WORKING GROUP 2.10: IMPRESSION MATERIALS*

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

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 for Athletic Mouth Protectors and Materials
-

WORKING GROUP 2.13: CASTING ALLOYS*

CHAIR: Dr. S. Megremis

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

- ANSI/ADA Standard No. 88 for Dental Brazing Alloys
- ANSI/ADA Standard No. 134 for Metallic Materials for Fixed and Removable Restorations and Appliances

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WORKING GROUP 2.14: COLOR STABILITY*

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

WORKING GROUP 2.15: INDIRECT RESIN AND POLYMER MATERIALS*

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 for Artificial Teeth for Dental Prostheses
- ANSI/ADA Standard No. 53 for Polymer-Based Crown and Veneering Materials
- ANSI/ADA Standard No. 75 for Soft Lining Materials for Removable Dentures-
Materials for Short-Term Use
- ANSI/ADA Standard No. 139 for Dental Base Polymers
- ANSI/ADA Standard No. 160 for Soft Lining Materials for Removable Dentures – Part 2:
Materials for Long-Term Use
- ANSI/ADA Standard No. 182 for 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

WORKING GROUP 2.20: PORCELAIN AND METAL-CERAMIC SYSTEMS*

CHAIR: Dr. R. Giordano

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 for Compatibility Testing for Metal-Ceramic and Ceramic-
Ceramic Systems
- ANSI/ADA Standard No. 69 for Dental Ceramic

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

WORKING GROUP 2.21: TARNISH AND CORROSION*

CHAIR: Dr. S. Megremis

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 for Corrosion Test Methods for Metallic Materials

WORKING GROUP 2.85: BIOLOGICAL EVALUATION*

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 for Evaluation of Biocompatibility of Medical Devices Used in Dentistry

STANDARDS UNDER PURVIEW OF CONSENSUS BODY 2

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

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— ANSI/ADA Standard No. 201 for Magnetic Attachments Used in Dentistry

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CONSENSUS BODY 3: DENTAL TERMINOLOGY & SNODENT*

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

WORKING GROUP 3.25: HARMONIZATION OF DENTAL CODES AND ABBREVIATIONS*

CHAIR: Dr. K. Aschheim

- ANSI/ADA Standard No. 3950 for Dentistry – Designation System for Teeth and Areas of the Oral Cavity
- Proposed ANSI/ADA Standard No. 214 for Dentistry – Designation System for Supernumerary Teeth
- Proposed ANSI/ADA Standard No. 217 for Dentistry — Classification of Tooth Restorations Preparation
- Proposed ANSI/ADA Standard No. 218 Dentistry – Designation Systems for Teeth and Areas of the Oral Cavity

WORKING GROUP 3.26: REVISION OF ISO 1942 TERMINOLOGY AND ADDENDA*

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 for Vocabulary Used in Dental Standards Development

STANDARDS UNDER PURVIEW OF CONSENSUS BODY 3

- ANSI/ADA Standard No. 2000.7 for SNODENT (Systemized Nomenclature of Dentistry)

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CONSENSUS BODY 4: INSTRUMENTS*

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

WORKING GROUP 4.27: ENDODONTIC INSTRUMENTS*

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 for Endodontic Instruments – Shaping and Cleaning Instruments
 - ANSI/ADA Standard No. 63 for Endodontic Instruments – Auxiliary
 - ANSI/ADA Standard No. 71 for Root Canal Filling Condensers (Pluggers and Spreaders)
 - ANSI/ADA Standard No. 95 for Endodontic Instruments-Enlarger
 - ANSI/ADA Standard No. 101 for Endodontic Instruments: General Requirements
-

WORKING GROUP 4.28: HAND INSTRUMENTS*

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 for Dentistry - Periodontal Curettes and Dental Scalers
- ANSI/ADA Standard No. 169 for General Requirements for Periodontal Probes
- Proposed Revision of ANSI/ADA Standard No. 170 for Dentistry - Excavators
- ANSI/ADA Standard No. 191 for Dental Intra-Oral Mirrors
- ANSI/ADA Standard No. 192 for Dental Explorer
- ANSI/ADA Standard No. 195 for Dental Tweezers
- ANSI/ADA Standard No. 196 for Materials for Dental Instruments — Part 1: Stainless Steel
- ANSI/ADA Standard No. 197 for Spoons and Bone Curettes used in Dentistry
- Proposed ANSI/ADA Standard No. 199 for Dental Osteotomes
- Proposed ANSI/ADA Standard No. 200 for Dental Extraction Forceps

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- Proposed ANSI/ADA Standard No. 205 for Dentistry –Tissue Punches

WORKING GROUP 4.29: HANDPIECES*

CHAIR: Dr. W. Lien

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 for Dental Handpieces and Motors
- ANSI/ADA Standard No. 157 for Powered Dental Scaler Handpieces and Tips
- ANSI/ADA Standard No. 158 for Coupling Dimensions for Handpiece Connectors
- Proposed ANSI/ADA Standard No. 174 for Hose Connectors for Air- Driven Dental Handpieces
- ANSI/ADA Standard No. 198 for Multifunction Handpieces
- Proposed ANSI/ADA Standard No. 212 for Dentistry – Powder Jet Handpieces and Powders
- Proposed ANSI/ADA Standard No. 213 for Dentistry – Intra Oral Camera

WORKING GROUP 4.31: ROTARY INSTRUMENTS*

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

WORKING GROUP 4.84: SYRINGES, CARTRIDGES, NEEDLES*

CHAIR: Mr. F. Freedman

- ANSI/ADA Standard No. 190 for Single-Use Dental Cartridges for Local Anaesthetics

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STANDARDS UNDER PURVIEW OF CONSENSUS BODY 4

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

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CONSENSUS BODY 5: INFECTION PREVENTION AND CONTROL*

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

WORKING GROUP 5.54: STERILIZATION*

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

- ANSI/ISEA/ADA Standard Z87.62 for 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*

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

WORKING GROUP 6.33: VISIBLE LIGHT CURING UNITS*

CHAIR: Dr. P.L. Fan

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

- ANSI/ADA Standard 48 for Curing Lights (Powered Polymerization Activators)
-

WORKING GROUP 6.35: DENTAL CHAIRS, UNITS, STOOLS*

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 for Stationary Dental Units and Patient Chairs, Part 1: General Requirements.
 - ANSI/ADA Standard No. 47-2 for Stationary Dental Units and Patient Chairs, Part 2: Air, Water, Suction and Wastewater Systems
 - ANSI/ADA Standard No. 74 for Dental Operator's Stool
 - ANSI/ADA Standard No. 203 for Dentistry-Materials Used for Dental Equipment Surfaces-Determination of Resistance to Chemical Disinfectants
-

WORKING GROUP 6.37: DENTAL OPERATORY LIGHTS*

CHAIR: Vacant

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

WORKING GROUP 6.48: AIR AND WATER TREATMENT SYSTEMS*

CHAIR: Dr. S. Mills

Scope: The development, revision and proposal of amendments to the nomenclature, requirements and test methods for dental air and water treatment systems, including marking and/or labeling if applicable.

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- ANSI/ADA Standard No. 167 for Dental Unit Water Line Test Methods
 - Proposed ANSI/ADA Standard No. 207 for Dentistry – Dental Unit Water Quality Part 1: Requirements for Manufacturers
-

WORKING GROUP 6.57: AMALGAM SEPARATORS*

CHAIR: Mr. P. Berglund

- ANSI/ADA Standard No. 108 for Amalgam Separators
 - ANSI/ADA Technical Addendum for ANSI/ADA 108 Amalgam Separators
-

WORKING GROUP 6.58: DENTAL LASERS

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 for Guide to Dental Lasers and Related Light- Based Technologies: Technology, Science and Safety Considerations
 - Proposed ANSI/ADA Technical Report No. 189 for Guide to Photobiomodulation: Technology, Science, And Safety Considerations in the Use of Low Level Laser And Light-Therapy in Oral Health Care
-

WORKING GROUP 6.63: PORTABLE DENTAL EQUIPMENT*

CHAIR: Mr. S. Gefter

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

- ANSI/ADA Standard No. 114 for Portable Dental Equipment for Use in Nonpermanent Healthcare Environment - General Requirements
-

WORKING GROUP 6.83: RADIATION PROTECTION DEVICES

CHAIR: Dr. P. Mah

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

- ANSI/ADA Standard No. 94 for Central Compressed Air Source Equipment

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

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CONSENSUS BODY 7: ABRASIVES AND ORAL HYGIENE DEVICES*

Scope: Development of standards deliverables for nomenclature, requirements, test methods and acceptance criteria for oral hygiene products, as well as analytical methods applicable to these products.

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

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 for Manual Interdental Brushes
-

WORKING GROUP 7.44: POWERED ORAL HYGIENE DEVICES*

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 for Powered Toothbrushes
-

WORKING GROUP 7.45: MANUAL TOOTHBRUSHES*

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 for Manual Toothbrushes
-

WORKING GROUP 7.55: ORAL RINSES*

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

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

WORKING GROUP 7.56: TOOTHPASTES*

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 for Dentifrices – Requirements, Test Methods and Marking

WORKING GROUP 7.60: WHITENING AGENTS*

CHAIR: Dr. C. Carey

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

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

WORKING GROUP 7.61: FLUORIDE VARNISHES*

CHAIR: Dr. P. L. Fan

Scope: Develop test methods and requirements for fluoride varnishes.

- ANSI/ADA Standard No. 117 for Fluoride Varnishes

WORKING GROUP 7.67: DENTURE ADHESIVES*

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.

- ANSI/ADA Standard No. 135 for Denture Adhesives

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WORKING GROUP 7.73: ANALYTICAL METHODS FOR ORAL CARE PRODUCTS*

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 for Analysis of Fluoride Concentration in Aqueous Solutions by Use of Fluoride Ion-Selective Electrode

WORKING GROUP 7.79: DENTAL FLOSS*

CHAIR: Dr. K. Yost

- ANSI/ADA Standard No. 185 Integrated Dental Floss and Handles

STANDARDS UNDER PURVIEW OF CONSENSUS BODY 7

- ANSI/ADA Standard No. 37 for Dental Abrasive Powders
- ANSI/ADA Standard No. 62 for Dental Abrasive Pastes

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CONSENSUS BODY 8: DENTAL IMPLANTS*

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.

WORKING GROUP 8.47: IMPLANTABLE MATERIALS*

CHAIR: Dr. J. Lemons

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

- Proposed ANSI/ADA Standard No. 206 for Dentistry – Implantable materials for bone filling and augmentation in oral and maxillofacial surgery – Contents of a technical file

STANDARDS UNDER PURVIEW OF CONSENSUS BODY 8

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

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CONSENSUS BODY 9: CAD/CAM IN DENTISTRY*

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.

WORKING GROUP 9.65: DENTAL CAD/CAM MACHINABLE BLANKS*

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 for Dental CAD/CAM Machinable Zirconia Blanks
- Proposed ANSI/ADA Standard No. 186 Dental CAD/CAM Machinable Polymer Blanks
- Proposed ANSI/ADA Standard No. 187 Dental CAD/CAM Machinable Ceramic Blanks
- Proposed ANSI/ADA Standard No. 219 Dentistry - Properties of 3D Printed Definitive Polymer Matrix Restorations

WORKING GROUP 9.66: SCANNING ACCURACY OF DENTAL CHAIR-SIDE AND LABORATORY CAD/CAM SYSTEMS*

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 for Scanning Accuracy of Dental Chairside and Laboratory CAD/CAM Systems

WORKING GROUP 9.68: CAD/CAM IMPLANT SURGICAL GUIDES

Chair: Dr. K. Ochiai

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

- 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

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 for Guidance for Cementation and Bonding of CAD/CAM Fabricated Restorations

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

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 for Interoperability of CAD/CAM Systems in Dentistry

WORKING GROUP 9.71: CAD/CAM IMPLANT ABUTMENTS

CHAIR: Dr. C. W. Cheong

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 for CAD/CAM Implant Abutments

WORKING GROUP 9.72: DENTAL APPLICATION OF ADDITIVE MANUFACTURING*

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 for Accuracy of CAD/CAM 3D Printed Dental Products

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WORKING GROUP 9.75: TERMINOLOGY FOR CAD/CAM SYSTEMS*

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 for Dentistry – Vocabulary for CAD/CAM Systems
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WORKING GROUP 9.76: ACCURACY OF COMPUTER-AIDED MANUFACTURING IN DENTISTRY*

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.

- Proposed ADA Technical Report No. 176 for Dentistry – Test Methods for Machining Accuracy of Computer-Aided Milling Machines
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WORKING GROUP 9.78: ACCURACY OF CAD/CAM DIGITAL DENTURES

CHAIR: Mr. C. Stapleton

- Proposed ADA Technical Specification No. 166 for Accuracy of CAD/CAM Produced Digital Dentures
-

WORKING GROUP 9.82: ACCURACY OF CAD/CAM VIRTUAL ARTICULATOR SYSTEMS

CHAIR: Dr. H. An

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

CHAIR: Mr. C. Stapleton

- Proposed ADA Standard No. 215 for Dentistry - Orthodontic Aligners in CAD/CAM
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WORKING GROUP 9.87: CAD/CAM SPORTS MOUTH PROTECTORS

* 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).

CHAIR: Dr. K. Ochiai

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

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CONSENSUS BODY 10: FORENSICS*

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

WORKING GROUP 10.11: FORENSIC ODONTOLOGY INFORMATICS TERMINOLOGY*

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 for Forensic Dental Data Set
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WORKING GROUP 10.12: HUMAN IDENTIFICATION BY COMPARATIVE DENTAL ANALYSIS

CHAIR: Vacant

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

- ADA Technical Report No. 1088 for Human Identification by Comparative Dental Analysis
-

WORKING GROUP 10.13: HUMAN AGE ASSESSMENT BY DENTAL ANALYSIS

CHAIR: Dr. K. Kasper

Scope: To develop and promote standards and guidelines for the integration of clinical dental data to aid in the estimation of the chronological age of an individual.

- ADA Technical Report No. 1077 for Human Age Assessment by Dental Analysis

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CONSENSUS BODY 11: DENTAL DATA STRUCTURE AND EXCHANGE

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.

WORKING GROUP 11.1: STANDARD CLINICAL DATA ARCHITECTURE

CHAIR: Dr. G. Zeller

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 for Standard Clinical Data Architecture
 - ANSI/ADA Standard No. 1027 for an Implementation Guide for the Electronic Health Record
 - ANSI/ADA Standard No. 1039 for Clinical Concept Data Model
 - ANSI/ADA/ISO Standard No. 3950 for Designation System for Teeth and Areas of the Oral Cavity
 - ADA Technical Report No. 1091 for Cloud Computing and Data Storage: Implications and Recommendations for Dental Practice
 - 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
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WORKING GROUP 11.6: INTEGRATION OF ORTHODONTIC STANDARDS

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 for Guidelines for the Application of the DICOM Standard to Radiographic Cephalometric Data (Joint project with Working Group 12.1)
- ADA Technical Report No. 1065 for Use Cases of the Orthodontic Health Record
- ADA SCDI White Paper No. 1100 for Codes for Orthodontic Photographic Views

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- Proposed ADA Standard No. 1107 for DICOM and SNODENT Implementation of WP1100 (Orthodontic/Craniofacial/Forensic Photographic Views and Viewsets)
- Proposed ANSI/ADA Standard No. 1117 for 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 for Dentistry – Implementation of Orthodontic ViewSets using DICOM

WORKING GROUP 11.9: CORE REFERENCE DATA

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

WORKING GROUP 11.10: ADMINISTRATIVE EFFICIENCY IN CLINICAL INFORMATICS

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 for Electronic Dental Benefits Eligibility Verification
- ADA Standard No. 1113 for Dentistry – Contents for Dental Procedure-Level Data Required for Eligibility and Benefit Responses
- Proposed ANSI/ADA Standard No. 1115 for Dentistry - Electronic Remittance Advice for EDI and Web Portal Data Exchange Standardization

WORKING GROUP 11.11: TELEDENTISTRY

CHAIR: Dr. P. Glassman

- ADA Technical Report No. 1112 on Teledentistry

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WORKING GROUP 11.12: DENTAL INFORMATION SYSTEMS SECURITY AND SAFEGUARDS

CHAIRS: Dr. M. Licking

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

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

WORKING GROUP 11.13: DISSEMINATION OF DENTAL LABORATORY PRESCRIPTIONS

CHAIR: Mr. G. Morgan

Scope: To develop technical reports 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 technical reports 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 for Content of Electronic Laboratory Prescriptions
- ADA Technical Report No. 1054 for Electronic Dental Laboratory Prescriptions
- ADA Technical Report No. 1075 for Electronic Orthodontic Dental Laboratory Prescriptions

WORKING GROUP 11.14: DIGITAL IMAGING

CHAIR: Dr. S. Benjamin

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

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all aspects of digital imaging technologies, photography and radiography, software and hardware selection and radiation exposure monitoring.

- ADA Technical Report No. 1023 on Implementation Requirements for DICOM in Dentistry
- ADA Technical Report No. 1029 for Digital Photography
- ADA Technical Report No. 1048 for the Attachment of DICOM Dataset Using E-mail
- 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
- ADA Technical Report No. 1057 for Interoperability of Imaging Technologies in Today's Dental Practice
- Proposed ADA Technical Report No. 1063 for Structured Report
- ANSI/ADA Standard No. 1094 for Quality Assurance for Digital Intra-Oral Radiographic Systems
- 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
- Proposed ANSI/ADA Standard No. 1114 for Implementation Requirements for the Effective Use of DICOM in Dentistry

STANDARDS DELIVERABLES UNDER THE PURVIEW OF CONSENSUS BODY 11

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

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CONSENSUS BODY 12: AI AND KNOWLEDGE MANAGEMENT*

Scope: Development of standards deliverables for nomenclature and requirements for quality, integrity, aggregation, organization and analysis of patient-centric information, knowledge representation and artificial intelligence for dentistry.

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

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 for Dental Provider's Guide to the Electronic Dental Record
- Proposed ANSI/ADA Standard No. 1116 Dentistry — Interoperability with Regulatory Compliance in EHR Systems

WORKING GROUP 12.4: SCDI STANDARD TERMS

CHAIR: Dr. G. Guest

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

- ADA Technical Report No. 1069 for SCDI Standard Terms, Acronyms and Definitions

WORKING GROUP 12.5: UTILIZATION OF EDR TO SUPPORT QUALITY IMPROVEMENT

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

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WORKING GROUP 12.6: SNODENT IMPLEMENTATION

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)/Terms in Dental Records

WORKING GROUP 12.7: ARTIFICIAL AND AUGMENTED INTELLIGENCE IN DENTISTRY*

CHAIR: Dr. R. Faiella

- ADA White Paper No. 1106 for Dentistry - Overview of Artificial and Augmented Intelligence Uses in Dentistry
- Proposed ADA Technical Report No. 1109 for Dentistry – Image Analysis Systems Using Artificial Intelligence
- Proposed ADA Standard No. 1110-1 for Dentistry - Validation Dataset Guidance for Image Analysis Systems Using Artificial Intelligence, Part 1: Image Annotation and Data Collection

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