

**COUNCIL ON SCIENTIFIC AFFAIRS MINUTES
HEADQUARTERS BUILDING, CHICAGO
JANUARY 27-28, 2020**

Call to Order: Dr. Maria Geisinger, chair, called the meeting of the Council on Scientific Affairs (CSA) to order at 8:32 a.m. on January 27, 2020, in the Board Room of the ADA Headquarters Building in Chicago.

ROLL CALL

Members: Council members in attendance included: Dr. Maria Geisinger, chair; Dr. Tara Aghaloo; Dr. Satish Alapati; Dr. Ana Bedran-Russo; Dr. Raymond Dionne; Dr. Margherita Fontana; Dr. Kevin Frazier; Dr. Carlos González-Cabezas; Dr. Efthimia Ioannidou; Dr. Deepak Kademani; Dr. Martha Ann Keels; Dr. Sharukh Khajotia; Dr. Nathaniel Lawson; Dr. Carol Lefebvre; Dr. Parthasarathy Madurantakam; Dr. Ana Karina Mascarenhas; Dr. Jacob Park; Dr. Lauren Patton.

Liaisons: Dr. Craig Armstrong participated as liaison from the Board of Trustees. Ms. Julia Cheung participated as representative from the American Student Dental Association.

ADA Science & Research Institute (ADASRI) Staff: The following individuals attended all or part of the meeting: Dr. Marcelo Araujo, ADASRI chief executive officer and ADA chief science officer; Mr. James Lyznicki, director, Science Governance; Dr. Alonso Carrasco-Labra, senior director, Evidence Synthesis & Translation Research; Dr. Jamie Spomer, senior director, Research and Laboratories; Dr. Ruth Lipman, director, Scientific Information; Dr. Spiro Megremis, director, Research and Laboratories; Dr. Purna Gopal, senior research associate/oral microbiologist, Research and Laboratories; Dr. Christina Tyrakowski, senior analytical chemist, Research and Laboratories; Dr. Kathleen Ziegler, manager, Scientific Information; Ms. Malavika Tampi, manager, clinical practice guidelines, Evidence Synthesis & Translation Research; Ms. Hillary DeLong, policy analyst, CSA; Ms. Olivia Urquhart, health research analyst, Evidence Synthesis & Translation Research; Ms. Lauren Pilcher, research assistant, Evidence Synthesis & Translation Research; Ms. Sarah Pahlke, research assistant, Evidence Synthesis & Translation Research; Mr. Jeff Huber, scientific communication analyst, Evidence Synthesis & Translation Research; Mr. Louis Erazo, clinical research associate, Acceptance Program; Ms. Danielle Minor, clinical research associate, Acceptance Program; Dr. Ariene Leme-Kraus, senior research associate, Scientific Information; Mr. Joseph Krecioch, scientific content specialist, Scientific Information; Ms. Anita Mark, senior scientific content specialist, Scientific Information; Mr. Roger Connolly, health research analyst, Evidence Synthesis & Translation Research; Ms. Kelly Mangold, manager, Science & Projects; Ms. Jessie Elie, coordinator, CSA.

ADA Staff in Attendance for All or Portions of the Meeting: Dr. Kathleen O'Loughlin, executive director, ADA; Dr. Pamela Porembski, senior director, Council on Dental Practice; Ms. Paula Tironi, senior associate general counsel, Division of Legal Affairs; Mr. Michael Kendall, senior associate general counsel, Division of Legal Affairs; Ms. Cathryn Albrecht, senior associate general counsel, Division of Legal Affairs; Ms. Sharon Stanford, director, Standards Administration; Ms. Christa Martin, director, corporate relations, Publishing; Ms. Juna Song, legal extern, Division of Legal Affairs; Ms. Rachel Spence, legal extern, Division of Legal Affairs.

PRELIMINARY BUSINESS

Conflict of Interest (Disclosure) Policy: Council members were provided the ADA Disclosure Policy statement in agenda materials for the January 2020 CSA meeting, which articulates the Association's

requirement to disclose any conflicts of interest. Five Council members disclosed various COI relationships prior to consideration of an agenda item presented in the Confidential section of these minutes, where the disclosures are noted.

Approval of Agenda: On vote, the Council adopted the agenda as presented:

01/20. Resolved, that the agenda be approved as the official order of business for the January 27-28, 2020, meeting of the Council on Scientific Affairs except that the Chair may alter the order of the agenda when necessary to expedite business.

Approval of Consent Calendar: The Council received a Consent Calendar that was prepared to expedite CSA business and deliberations. Council members were informed that any report or resolution could be removed from the Consent Calendar to allow for further discussion. No items were proposed for removal from the Consent Calendar, and the Council adopted the following resolution:

02/20. Resolved, that the Consent Calendar for consideration at the January 27-28, 2020 CSA meeting be approved and reports be filed.

ADMINISTRATIVE MATTERS

ADA Professional Conduct Policy: Ms. Cathryn Albrecht, senior associate general counsel, Division of Legal Affairs, gave a presentation on the ADA Professional Conduct Policy.

Fiduciary Duty: Ms. Paula Tironi, senior associate general counsel, Division of Legal Affairs, provided information on general legal topics such as fiduciary duty, anti-trust legislation and attorney-client privilege.

Resolutions Adopted by E-ballot: In accordance with the *American Dental Association Standing Rules for Councils and Commissions*, all business transacted by ballot without a meeting shall be recorded in the minutes of the next regular session of the council. The Council's non-confidential e-ballot actions (completed between June 2019 and January 2020) are presented below in reverse chronological order:

E01/20. Resolved, that the ACE Panel Report, entitled Human Papillomavirus Vaccination, is approved by the Council for publication in the "CSA Corner" section of *JADA*.

E55/19. Resolved, that the ACE Panel Report, entitled Dental Light-Curing Units, is approved by the Council for publication in the newly created CSA Corner section of *JADA*.

E54/19. Resolved, that the CSA approves the addition of JoAnn R. Gurenlian, RDH, MS, PhD, to the CSA Consultant List for the 2019-2020 term; and be it further

Resolved, that the CSA approves the following addition to the expert panel for the development of the ADA clinical practice guideline on Caries Prevention (addition underlined):

- Margherita Fontana, DDS, PhD (chair)
- Marcelo Araujo, DDS, MS, PhD
- Melinda Clark, MD
- Vineet Dhar, BDS, MDS, PhD

- Lorena Espinoza, DDS, MPH
- JoAnn R. Gurenlian, RDH, MS, PhD
- Sandra Guzman-Armstrong, DDS, MS
- Ana Karina Mascarenhas, BDS, MPH, DrPH
- Marcelle Nascimento, DDS, MS, PhD
- Rebecca Slayton, DDS, PhD
- Robert J. Weyant, DMD, DrPH
- Mark Wolff, DDS, PhD
- Douglas A. Young, DDS, MS, MBA
- Domenick Zero, DDS, MS

E52/19. Resolved, that the CSA approves the following "Vaping and Oral Health" Workgroup to study the impact of vaping on oral health and propose policy language or other possible ADA actions, as appropriate, in accordance with Resolution 84RC-2019, with a report back by the June 2020 Council meeting:

- Dr. Purnima Kumar, chair
- Dr. Ryan Braden
- Dr. Mia Geisinger
- Dr. Ana Karina Mascarenhas
- Dr. Shamik Vakil

E51/19. Resolved, that the CSA approves the following amendment to the expert panel for the development of the ADA clinical practice guideline on Caries Prevention (addition underlined):

- Margherita Fontana, DDS, PhD (chair)
- Marcelo Araujo, DDS, MS, PhD
- Melinda Clark, MD
- Vineet Dhar, BDS, MDS, PhD
- Lorena Espinoza, DDS, MPH
- Sandra-Guzman Armstrong, DDS, MS
- Ana Karina Mascarenhas BDS, MPH, DrPH
- Marcelle Nascimento, DDS, MS, PhD
- Rebecca Slayton, DDS, PhD
- Robert J. Weyant, DMD, DrPH
- Mark Wolff, DDS, PhD
- Douglas A. Young, DDS, MS, MBA
- Domenick Zero, DDS, MS

E48/19. Resolved, that the Product Evaluation Subcommittee be renamed as the ACE Panel Oversight Subcommittee, with the charge and duties defined in the attachment to this electronic ballot.

E47/19. Resolved, that the CSA remove diabetes as a condition to be studied under Resolution 86H-2016.

E46/19. Resolved, that the CSA amends the second resolved of Resolution 27/17 to read as follows (additions underlined; deletions ~~struck through~~):

The CSA delegates authority to the CSA chair for selecting subject matter experts to serve on ad-hoc workgroups under Resolution 86H-2016 ~~three panels, as specified in Item 12.1 at the July 2017 CSA meeting~~, and to submit workgroup member ~~their~~ names to the ADA President for approval, if required.

E41/19. Resolved, that Indiana University School of Dentistry, Oral Health Research Institute be designated as a Qualified Independent Research Testing Site for the ADA Seal of Acceptance, for a five-year period.

E38/19. Resolved, that Silverstone Research Group be designated as a Qualified Independent Research Testing Site for the ADA Seal of Acceptance, for a five-year period.

E37/19. Resolved, that Salus Research, Inc. be designated as a Qualified Independent Research Testing Site for the ADA Seal of Acceptance, for a five-year period.

E34/19. Resolved, that the CSA approves the following amendments to Resolution E31/19 (adopted July 30, 2019) for the appointment of an expert panel to develop an ADA Clinical Practice Guideline on Restorative Treatments for Carious Lesions (additions underlined; deletions ~~struck through~~):

- Vineet Dhar, BDS, MDS, PhD, DDS (chair)
- Marcelo Araujo, DDS, MS, PhD
- Margherita Fontana, DDS, PhD
- Carlos González-Cabezas, DDS, MSD, PhD
- Martha Anna Keels, DDS, PhD
- Ana Karina Mascarenhas, BDS, MPH, DrPH
- Marcelle Nascimento, DDS, MS, PhD
- Jeffery Platt, DDS, PhD
- Greg Sabino, DDS, PhD
- Rebecca Slayton, DDS, PhD, MS
- Norman Tinanoff, DDS, MS
- Douglas A. Young, DDS, EdD, MBA, MS
- Domenick Zero, DDS, MS
- ~~1 nominee from the Centers for Disease Control and Prevention (when the nominee is submitted, the CSA will be asked to approve this individual)~~
- 1 nominee from the American Academy of Pediatric Dentistry (when the nominee is submitted, the CSA will be asked to approve this individual)

E33/19. Resolved, that the minutes of the June 6-7, 2019 CSA Meeting be approved.

E32/19. Resolved, that the 2019 systematic review and clinical practice guideline on the use of antibiotics for the urgent management of symptomatic irreversible pulpitis, symptomatic apical periodontitis, and localized acute apical abscess are approved by the Council for publication.

E31/19. Resolved, that the CSA approves the following expert panel for the development of the ADA Clinical Practice Guideline on Restorative Treatments for Carious Lesions:

- Vineet Dhar, BDS, MDS, PhD DDS (chair)
- Marcelo Araujo, DDS, MS, PhD
- Margherita Fontana, DDS, PhD
- Carlos González-Cabezas, DDS, MSD, PhD
- Martha Anna Keels, DDS, PhD
- Ana Karina Mascarenhas, BDS, MPH, DrPH
- Marcelle Nascimento, DDS, MS, PhD
- Greg Sabino, DDS, PhD
- Rebecca Slayton, DDS, PhD, MS
- Norman Tinanoff, DDS, MS
- Douglas A. Young, DDS, EdD, MBA, MS
- Domenick Zero, DDS, MS
- 1 nominee from the Centers for Disease Control and Prevention (when the nominee is submitted, the CSA will be asked to approve this individual)
- 1 nominee from the American Academy of Pediatric Dentistry (when the nominee is submitted, the CSA will be asked to approve this individual)

STANDING REPORTS

Report of the CSA Chair: Dr. Geisinger encouraged the Council to pursue scientific priorities that provide value to ADA members and can be integrated into CSA's collaborative projects with ADASRI, the ADASRI laboratories in Maryland, and other agencies. She congratulated ADASRI staff who received the 2020 William J. Gies Award, which recognizes the best paper published in the *Journal of Dental Research* during the preceding year.

Report of the Executive Director: Dr. O'Loughlin delivered a presentation on the changing demographics of the dental profession and new market-based research on active licensed clinicians' levels of engagement with organized dentistry. She reported on primary goals of the ADA Strategic Plan ("Common Ground 2025"), and the ADA's commitment to innovation and providing high-value services and advocacy for member dentists

Report of the Chief Executive Officer--ADA Science & Research Institute, LLC: Dr. Araujo provided an overview of the ADASRI, a newly established subsidiary comprised of the former ADA Science Institute (based at ADA Headquarters) and the ADASRI laboratories in Maryland (based in Gaithersburg). Dr. Araujo updated the Council on ADASRI's vision statement ("Improving lives through oral health, science and research") and the first in-person meeting of the ADASRI Board, which was held just prior to the January 2020 CSA meeting.

SUBCOMMITTEE REPORTS

Report of the ACE Panel Oversight Subcommittee: Dr. Bedran-Russo, chair, ADA Clinical Evaluators (ACE) Panel Oversight Subcommittee, provided an update on recent Subcommittee activities and plans for upcoming ACE Panel Reports in 2020. She reminded Council members that the Subcommittee (formerly called the Product Evaluation Subcommittee) was renamed in summer 2019. The most recent ACE Panel Report (published August 2019) addressed reprocessing of rotary-cutting instruments.

Dr. Bedran-Russo presented information about a request from the ADA Center for Dental Practice to utilize the ACE Panel in a proposed survey of dentists on their use of dental laboratories. She indicated that the Subcommittee reviewed the request and recommended against allowing the ACE Panel to be

surveyed on the topic due to its limited capacity for survey distribution (e.g., only four surveys are conducted each year) and survey topics have already been defined through spring 2021. The Council adopted the following resolution:

03/20. Resolved, that the CSA declines the request from the ADA Center for Dental Practice to involve the ACE Panel in a survey of dentists' use of dental laboratories, as described in agenda item 5.1.

Report of the Clinical Excellence Subcommittee: Dr. Keels, chair, Clinical Excellence Subcommittee, reported on ongoing projects and recent deliverables developed under the Subcommittee's purview, including: ongoing development of a clinical practice guideline series on caries management (first guideline published in October 2018 *JADA*; second guideline in the series currently under development); assistance with ADA policy development efforts regarding silver diamine fluoride; completion of an umbrella review on HPV vaccination (to be published in *JADA* in early 2020); and preparation of *Oral Health Topics* pages on hypertension, nutrition and obstructive sleep apnea.

Dr. Keels indicated the Clinical Excellence Subcommittee is providing oversight for the planned update of the 2012 ADA/FDA document titled "Dental Radiographic Examinations: Recommendations for Patient Selection and Limiting Radiation Exposure" (addressed in the "Special Items of Business" section in these minutes). Dr. Carrasco-Labra, senior director, Evidence Synthesis & Translation Research, reported on a November 2019 intensive EBD workshop held in Chicago, and provided metrics on clinical practice guideline downloads from *JADA* and visits to *Oral Health Topics* pages on ADA.org.

Report of Laboratory Research and Standards Subcommittee: Dr. Park, chair, Laboratory Research and Standards Subcommittee, provided an update on dental product standards activities under the Subcommittee's purview. He reported on three proposed new work items for dental standards development, and indicated that Proposed ANSI/ADA Technical Report No. 168, Guidance for Method Development of Cleaning Processes for Dental Instruments, has completed the All Interested Party review process.

The Council reviewed a Subcommittee proposal to adopt a list of 13 priorities for CSA involvement in dental product standards activities for the 2019-2020 term. The following resolution was adopted:

04/20. Resolved, that the Council adopts the following list of priorities for CSA involvement in dental standards activities for the 2019-2020 Council term (listed in alphabetical order):

- Analytic methods for oral care products
- Biologic evaluation of dental products
- CAD/CAM
- Corrosion test methods
- Dental amalgam
- Dental ceramics
- Dental handpieces
- Dental instruments
- Fluoride-containing products
- Non-fluoride oral rinses
- Polymer-based restorative materials
- Powered polymerization activators
- Reprocessing of dental products

Report of the Research Priorities Subcommittee: Dr. Fontana, chair, Research Priorities Subcommittee, reported on the Subcommittee's efforts to develop draft recommendations for intramural research priorities for the ADASRI, and to prepare a set of extramural research priorities that can be supported through ADA advocacy and related initiatives. These items are addressed in the "Special Items of Business" section of these minutes.

Report of the Seal of Acceptance Program Subcommittee: Dr. Madurantakam, chair, Seal of Acceptance Program Subcommittee, addressed the Subcommittee's evaluation of three independent research sites to evaluate products for the Seal of Acceptance, which the Council approved as qualified research sites in fall 2019. He also discussed non-dues revenue generated by the Seal of Acceptance Program over the past year.

WORKGROUP REPORTS

Report of the Periodontal Disease Workgroup and Summary of Comments on VET CARE Act of 2019: Dr. Ioannidou, chair, Periodontal Disease Workgroup, presented the Workgroup's comments regarding the clinical research protocol for a proposed pilot program in Veterans Administration (VA) hospitals, which is presented in a section of a House Bill known as the VET CARE Act of 2019. She noted that the ADA Council on Government Affairs requested CSA's review of the scientific validity of the clinical research protocol and study design of the proposed pilot program within the VET CARE Act, which aimed to evaluate periodontal therapy and other interventions in medically compromised military veterans.

The Council expressed strong support for U.S. veterans and veterans' health, including research that aims to identify and optimize treatments that can improve their health. However, the Council agreed with the Periodontal Disease Workgroup that the proposed clinical research protocol for the pilot program has significant limitations, including unclear inclusion and exclusion criteria, limited time to initiate the pilot program, and insufficient information on institutional review board (IRB) approval. The Council concluded that the study design flaws raise the likelihood of producing questionable findings, which could unduly influence potential treatments and interventions provided to veterans.

The Council reviewed a proposed draft resolution, which is presented below:

Resolved, that the Council on Scientific Affairs summarize and submit comments on Section 3 of House Bill H.R. 2628 (VET CARE Act of 2019), as provided in the Attachment to Agenda Item 6.1 at the January 27-28, 2020, CSA meeting, to the Council on Government Affairs; and be it further

Resolved, that the CSA inform the Council on Government Affairs that the CSA urges ADA not to support the clinical research protocol and study design as currently written into Section 3 of House Bill H.R. 2628.

After discussion, the Council amended the proposed draft resolution and adopted the following resolution:

05/20. Resolved, that the Council on Scientific Affairs submit a summary of comments on Section 3 of House Bill H.R. 2628 (VET CARE Act of 2019), provided in the Attachment to Agenda Item 6.1 at the January 27-28, 2020, CSA meeting, to the Council on Government Affairs; and be it further

Resolved, that the CSA inform the Council on Government Affairs that the CSA urges ADA not to support the clinical research protocol under the pilot program as currently written into Section 3 of House Bill H.R. 2628.

RESPONSE TO ASSIGNMENTS FROM BOARD OF TRUSTEES AND HOUSE OF DELEGATES

Update on Resolution 86H-2016--Proposal to Convene Three Expert Panels to Address Optimizing Oral Health Prior to Surgical/Medical Procedures and Treatment: Through the Consent Calendar, the Council received a written update on Resolution 86H-2016, including completion of a systematic review on the impact of dental treatment prior to cardiac valve surgery or left ventricular assist device (LVAD) implantation on morbidity and mortality (this manuscript was published in the September 2019 issue of *JADA*). A second project associated with this House resolution is currently under development, and will address the impact of pre-operative dental procedures on morbidity and mortality among adults undergoing treatment for head and neck cancer.

Proposed Plan to Address 79H-2019--Gathering Evidence to Develop Policy Regarding Cannabis Use: Dr. Keels, chair, CSA Clinical Excellence Subcommittee, reported briefly on a proposed plan to address Resolution 79H-2019, which was assigned to CSA as primary agency and directed the “ADA [to] encourage research and data gathering on the effect of cannabis and cannabidiol (CBD) products on the dentition and surrounding oral mucosa, so that policy and guidelines can be developed to help the profession meet the needs of the patients.” Dr. Keels indicated that the Clinical Excellence Subcommittee is overseeing CSA activities pertaining to this House resolution, including an existing *Oral Health Topics* page, and is considering whether to recommend the creation of a cannabis and CBD *ad hoc* workgroup to explore the existing literature on cannabis/CBD products and their impact on the oral cavity.

Proposed Plan to Address 84H-2019--Clarification of ADA Policy Regarding Tobacco Products: Dr. Keels, chair, Clinical Excellence Subcommittee, reported on a new workgroup that has been established to address Resolution 84H-2019, which was assigned to CSA as lead agency (with support from the Council on Advocacy for Access and Prevention). Resolution 84H-2019 calls for the term “vaping” to be added to existing ADA policy regarding tobacco products, with a report to the House of Delegates at the 2020 Annual Meeting.

Dr. Keels indicated that the ADA Board of Trustees established *ad interim* policy on vaping and e-cigarettes in December 2019, and that plans for an examination of the current evidence on vaping and oral health are being considered for 2020. She informed the Council that a commentary article on this topic was developed by Dr. Purnima Kumar (CSA consultant), Dr. Geisinger (CSA chair) and ADASRI staff, which provides an overview of the existing literature on vaping and oral health. The commentary is scheduled for publication in the March 2020 issue of *JADA*.

Resolution 28H-2019--Pediatric Screening for Sleep-Related Breathing Disorders: The Council considered a request from the Council on Dental Practice (CDP) for CSA to identify a CSA member or consultant who could assist CDP in addressing Resolution 28H-2019, which called for the ADA “through its appropriate agency or agencies, to develop and promote a screening tool/protocol for pediatric airway issues for use by dentists.” Dr. Pamela Porembski, director, CDP, indicated that CDP is planning a panel meeting in April 2020 that aims to follow an evidence-based approach to develop a screening tool that can help dentists identify pediatric patients with sleep-related breathing disorders. After discussion, the Council adopted the following resolution:

06/20. Resolved, that the Council appoints Dr. Juan Yepes or Dr. Rebecca Slayton to represent the CSA at a meeting convened by the Council on Dental Practice on April 16-17, 2020, to discuss an “ADA Children’s Airway Screen Protocol,” in accordance with Resolution 28H-2019.

The Council also agreed by consensus that if neither Dr. Yepes or Dr. Slayton is available to attend the April 2020 CDP-organized meeting, the CSA chair may appoint another representative to serve as an alternate appointee.

LIAISON ACTIVITIES

Report from the American Student Dental Association: Ms. Cheung, representative, American Student Dental Association (ASDA), reported on ASDA's current strategic plan and advocacy with reducing dental student loan debt. She indicated that ASDA is pursuing development of a standardized leadership plan that can serve as a resource for dental students and help them integrate leadership into their careers. ASDA currently has over 24,000 members, and is planning initiatives to promote ASDA's value to dental school administrations and to enhance support for dental student involvement in ASDA chapters nationwide.

SPECIAL ITEMS OF BUSINESS

Feasibility of a Seal Program Category for Acute Dental Pain Products: The Council considered an item from the Seal of Acceptance Program Subcommittee ("Seal Subcommittee") regarding the feasibility of establishing a Seal Program category for acute dental pain products. Dr. Madurantakam, chair, Seal Subcommittee, indicated that the Subcommittee did not reach a consensus for or against establishing this product category in the Seal Program, and recommended presenting the topic to the full Council for discussion.

The Council discussed various over-the-counter (OTC) pain medications used in dentistry, including incidence of side effects, recommended dosages for pain medications sold OTC, and the advantages and disadvantages of prescribing various medications for acute dental pain. The Council also considered potential benefits and/or risks of establishing a product category for OTC acute dental pain products, including funding or staffing that may be required to develop Accepted Program requirements for this proposed product category. The Council adopted the following resolution:

07/20. Resolved, that the Seal Subcommittee is directed, and ADA staff are requested, to develop the product category requirements for acute dental pain products for approval by the Council at the June 2020 CSA meeting.

After adoption of resolution 07/20 (above), the Council approved a separate resolution (CSA resolution 12/20) to recommend that "a clinical practice guideline and supporting systematic review be developed within the next three years to address the management of acute dental pain" (note: this resolution is presented in the "Special Business Items" section of these minutes, under the title "Proposed Clinical Practice Guideline to Address Management of Acute Dental Pain").

With adoption of resolution 12/20, the Council discussed a motion to rescind resolution 07/20, which would allow for the clinical practice guideline on acute dental pain to be developed first. The CSA plans to revisit the feasibility of a Seal Program category for acute pain products in the future, upon development of the guideline. The Council supported this revised plan and adopted the following resolution:

08/20. Resolved, that the following resolution be rescinded:

07/20. Resolved, that the Seal Subcommittee is directed, and ADA Staff are requested, to develop the product category requirements for acute dental pain products for approval by the Council at the June 2020 CSA meeting.

Proposed Endorsement of ADA Clinical Practice Guideline Recommendations for Antibiotic Use by the American College of Emergency Physicians: The Council reviewed a proposal from the Clinical Excellence Subcommittee to have CSA consider submitting correspondence to the American College of Emergency Physicians (ACEP) requesting endorsement of the ADA evidence-based clinical practice guideline (CPG) titled "Antibiotic Use for the Urgent Management of Pulpal- and Periapical-Related Dental Pain and Intraoral Swelling" (published in the November 2019 *JADA*).

Ms. Tampi, manager, Center for Evidence-Based Dentistry, presented this agenda item and reported that Dr. Benjamin Hatten, a guideline panel member recommended by ACEP, suggested that the Council consider submitting the new clinical practice guideline to ACEP for potential endorsement. Ms. Tampi indicated that endorsement by ACEP would be a mechanism to help enhance support of the guideline recommendations among medical professionals. The Council supported this proposal and adopted the following resolution:

09/20. Resolved, that the CSA requests the ADA to send a letter to the American College of Emergency Physicians requesting endorsement of the ADA evidence-based clinical practice guideline, Antibiotic Use for the Urgent Management of Pulpal- and Periapical-Related Dental Pain and Intraoral Swelling, to enhance access to the guideline recommendations for emergency medicine physicians and other medical specialties, as appropriate.

Proposed Work Plan to Address Revision of the 2012 ADA/FDA Document, Dental Radiographic Examinations: Recommendations for Patient Selection and Limiting Radiation Exposure: Dr. Keels, chair, Clinical Excellence Subcommittee, presented a proposed work plan to revise the 2012 ADA/FDA document titled "Dental Radiographic Examinations: Recommendations for Patient Selection and Limiting Radiation Exposure." Dr. Keels noted that Dr. Erika Benavides has been appointed as chair of an expert panel that will develop recommendations to update the document, and that the proposed work plan for the project is tentatively scheduled to be completed by mid-2021. The Council adopted the following resolution:

10/20. Resolved, that the CSA approves the work plan presented in agenda item 9.5 for revision of the 2012 ADA/FDA document, Dental Radiographic Examinations: Recommendations for Patient Selection and Limiting Radiation Exposure.

Approval of Proposed Intramural Scientific Research Priorities 2020-2022: The Council reviewed a draft list of proposed intramural scientific research priorities for 2020-2022, which was developed by the Research Priorities Subcommittee in summer and fall 2019. The proposed intramural research priorities were developed using input from a recent environmental scan of ADA members' scientific interests and priorities (collected from ADA.org metrics, a survey station at the ADA 2019 meeting, previous ADA surveys and related internal metrics). Before the January 2020 CSA meeting, the draft list of intramural research priorities was circulated for comment among other CSA Subcommittees and ADASRI staff.

After initial review and discussion, the Council adopted the following resolution.

11/20. Resolved, that the CSA approves the recommended Intramural Scientific Research Priorities (2020-2022), as presented in Attachment 1 to Agenda Item 9.6 at the January 27-28, 2020, CSA meeting as amended.

Subsequent discussion on this topic occurred in which Dr. González-Cabezas proposed the addition of three sub-bullets to the priority for “Oral Hygiene Products”: over-the-counter products, professionally dispensed products, and professionally applied products. Some members expressed concern that the intramural research priorities list was too comprehensive and provides little guidance to the CSA or staff for strategic planning. To gather additional input and perspective on the proposed priorities, Council members requested that the document be submitted to the ADASRI Board of Directors. The Council concurred with this request by rescinding resolution 11/20 without objection. The Council proceeded with adoption of the following resolution:

12/20. Resolved, that the CSA submit its Recommended Intramural Scientific Research Priorities (2020-2022) to the ADA Science and Research Institute LLC (ADASRI) Board of Directors for comment.

Identification of Extramural Scientific Research Priorities: Dr. Fontana, chair, Research Priorities Subcommittee (RPS), provided background information on the RPS's efforts to develop an initial draft list of extramural scientific research priorities for the 2020-2022 term. She noted that, as an initial step, the RPS reviewed and developed a revised draft of the CSA document titled “Research of Importance to the Practicing Dentist” (last published 2017-2018), which was prepared as a starting point for CSA discussion. Dr. Geisinger, CSA chair, requested that the full Council participate in a breakout session, where three groups of CSA members were asked to identify extramural research priorities for further discussion.

Following the breakout session, the full Council reconvened and discussed the results. Dr. Fontana indicated that the RPS has sufficient information to review and incorporate the results from the breakout session into a final draft set of priorities, which the CSA will review at the June 2020 meeting.

Proposed Clinical Practice Guideline to Address Management of Acute Dental Pain: The Council considered a request submitted by one current member of CSA (Dr. Patton), two past CSA members (Dr. Elliot Abt and Dr. Paul Moore), and others, for CSA consideration of a proposed clinical practice guideline on the management of acute dental pain. Dr. Carrasco-Labra, senior director, Evidence Synthesis & Translation Research, summarized current guideline development projects being developed by expert panels and ADASRI staff, including development of a guideline series on caries management (e.g., caries prevention and restorative treatment of dental caries).

The Council discussed options for reprioritizing guideline update projects over the next 2-3 years, and steps that could be taken to allow for including this proposed guideline within the list of guideline projects that are planned for development over the next three years. The Council adopted the following resolution:

13/20. Resolved, that the CSA recommends that a clinical practice guideline and supporting systematic review be developed within the next three years to address the management of acute dental pain.

Enhancing the Relevance of Clinical Practice Guidelines for Specific Subpopulations: Ms. Tampi, manager, clinical practice guidelines, Evidence Synthesis & Translation Research, delivered a presentation on the merits and limitations of including considerations pertaining to specific subpopulations (e.g., children, adolescents, pregnant women, cancer patients under active treatment, the elderly and patients with multiple comorbidities) in clinical practice guidelines developed in collaboration with CSA. Council members offered suggestions as to when guideline panels could provide information and evidence-based recommendations for specific subpopulations when appropriate.

Relationship of CSA and ADA Science and Research Institute, LLC: Dr. Araujo briefed the Council on the ADASRI structure, governance, and strategic plan. The Council discussed how ADASRI and CSA will interact and work collaboratively going forward. Dr. Araujo indicated that, within the current organizational framework, it is envisioned that the CSA can serve as an advisory group to ADASRI staff and the ADASRI Board, in areas specified by the ADA *Bylaws* and ADA *Governance and Organizational Manual*. The Council and the ADASRI will also work collaboratively to provide scientific leadership in a financially sustainable manner.

Continuing Education Sessions for ADA 2021: Dr. Frazier, CSA representative to the Council on Dental Education and Licensure's Continuing Education (CE) Committee, presented an initial list of draft CE course proposals developed by CSA Subcommittees and Workgroups, which was prepared for consideration as CSA-sponsored CE courses at the ADA 2021 meeting. The Council briefly discussed the draft CE course proposals, and CSA was notified that the course offerings can be revised further, if required, after the January 2020 meeting. The Council was advised that an e-ballot will be issued in spring 2020 with an updated list of CE sessions for approval as CSA-sponsored courses at ADA 2021.

JADA "CSA Corner" Submissions: Dr. Keels, chair, Clinical Excellence Subcommittee, reported on plans to present ACE Panel Reports in a newly created section in *JADA* named the "CSA Corner." According to Dr. Keels, ADASRI staff worked in collaboration with *JADA* to redesign the ACE Panel reports in a format suitable for *JADA*.

Update on the Standards Committee on Dental Products and Standards Committee on Dental Informatics: Dr. Alapati, CSA liaison to the ADA Standards Committee on Dental Products (SCDP) and Standards Committee on Dental Informatics, provided a brief report on recent activities of both groups. He indicated that various SCDP subcommittees and workgroups met at the 2019 AADR General Session in Vancouver, and those groups will meet again in March at the 2020 AADR General Session. He also summarized ADA SCDP reports presented in the CSA agenda materials, which noted that 12 national dental standards and 11 international standards were published in 2019.

ADJOURNMENT

The meeting adjourned on Tuesday, January 28, 2020, at 1:38 p.m.