



104TH ANNUAL MEETING

October 27-30, 2018 | Vancouver, BC

American Academy
of Periodontology

ADVANCE PROGRAM

The 2018 American Academy of Periodontology Annual Meeting is being offered in collaboration with the Canadian Academy of Periodontology, the Japanese Academy of Clinical Periodontology, and the Japanese Society of Periodontology.



What's new for 2018

NEW!

A Live-Streaming Surgery During a General Session

This highly-anticipated session will feature a real-time immediate implant placement and provisionalization (IIPP) of an anterior single failing tooth. Various aspects of this challenging and demanding procedure will be explored including site preservation, gingival contouring, and bone and soft tissue grafting techniques. See page 54 for details.

NASA Space Mission Commander and American Hero to Speak at Opening General Session

On Sunday, Oct. 28, kickoff the Annual Meeting with the Opening General Session featuring a presentation titled *Endeavor to Succeed* delivered by keynote speaker Captain Mark Kelly. Already an experienced aviator and retired U.S. Navy Captain, Kelly began his illustrious career with NASA in 1996, spending more than 50 days in space and commanding both the Space Shuttle Endeavour and Space Shuttle Discovery. Learn more on page 41.

New Speakers

This year's world-class line-up of internationally renowned presenters and moderators includes over 30 new speakers! Be sure to take note of the new speaker symbol throughout the program.

Perio Perks Partners in the Exhibit Hall

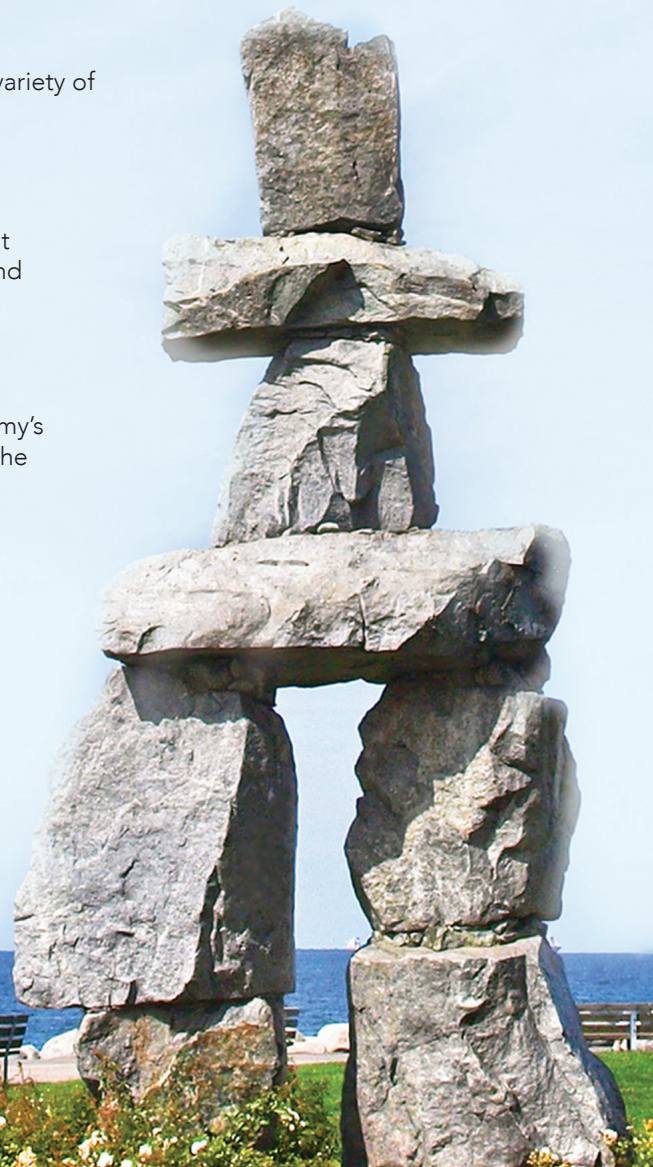
Meet with AAP's Perio Perks partners in the Exhibit Hall to learn about the variety of discounts exclusive to AAP members.

Redesigned Program Tracks

Ten program tracks, newly designed by the Continuing Education Oversight Committee, will debut at this year's meeting. Learn more on pages 18-21 and find them in the program schedule with the new program track icon.

Speaker Studio

Participate in a Q&A session or a group discussion with some of the Academy's expert speakers at the inaugural Speaker Studio, located at booth #533 in the Exhibit Hall. Stay tuned to members.perio.org/am2018 for more details.



A Compelling Mix of Innovative and Practical Courses

The Periodontist in Turbulent Times: Systems to Stay Relevant (EV1)

Dive deep into two elements that are a constant challenge for periodontal practices, yet are virtually ignored at scientific meetings: patient management and throughput. See page 35 for more information.

Results from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions (EV2)

Join members of the Organizing Committee as they discuss the findings from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. See page 50 for more information.

CBCT-Based Guided Treatment Planning and Advanced Surgical Therapies: A Two-Part Hands-On Workshop (HW2)

Part one of this two-part ticketed Hands-On Workshop will challenge traditional interdisciplinary therapies utilizing surgically facilitated orthodontic therapy (SFOT) for enhanced facial esthetic and function. Part two will explore dynamic navigation technology, the future for prosthetically-driven implant therapy. Learn more on page 37.

Team Collaboration of Periodontal, Prosthetic, and Maxillofacial Reconstruction to Optimize Implant Esthetic and Functional Results (GS2)

Implant reconstruction is an imperfect science that continues to evolve. This lecture will present systematic and synchronized approaches for various surgical and prosthetic therapeutic modalities. See page 49 for more information.

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To register, visit
members.perio.org/am2018

Follow the AAP on social media!
#PerioAM18



Dear Colleagues:

The American Academy of Periodontology (AAP) invites you to gorgeous Vancouver, British Columbia, for its 104th Annual Meeting. This year's event—presented in collaboration with the Canadian Academy of Periodontology, the Japanese Academy of Clinical Periodontology, and the Japanese Society of Periodontology—will be a global exploration of the latest and greatest in periodontal practice, science, and possibilities.

With over 45 courses to choose from (plus 30 new speakers), you can create a personalized continuing education (CE) experience. Choose one of 10 newly redesigned program tracks or mix and match sessions based on your needs. If surgery is among your interests, you won't want to miss the live-streaming surgery course on Monday, Oct. 29. Also on Oct. 29, we're excited to present the proceedings from the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions in a 1.5-CE credit course. Learn what the updated disease classifications mean for your patients and day-to-day practice. Other topics on the meeting's CE program include emerging concepts and innovative therapies; oral pathology, oral medicine, and oral diagnosis; as well as leadership, personal, and practice development.

The conversations don't have to end when the sessions do. Stop by the all new Speaker Studio (Exhibit Hall booth #533) to meet course presenters for Q&A in a small group setting or a one-on-one chat. While visiting the Exhibit Hall, be sure to check out the AAP Member Resource Center and the products and services of more than 300 exhibit booths.

In an out-of-this-world Opening General Session on Sunday, Oct. 28, Captain Mark Kelly—veteran naval aviator, retired astronaut, and commander of the Space Shuttles Discovery and Endeavour—will share his unique perspective on leadership, teamwork, and success in the face of formidable challenges. This keynote presentation is sure to uplift and inspire.

With a sparkling shoreline and snowcapped mountains that meet its horizon, Vancouver's breathtaking landscapes provide a beautiful backdrop for this year's festivities. This cosmopolitan city has a little something for everyone. Whether you have a taste for five-star cuisine, dazzling nightlife, or outdoor adventures, make plans to enjoy the city during your stay.

It's an exciting time for periodontics, and you won't want to miss this year's gathering. Register for the 104th AAP Annual Meeting today at **members.perio.org/am2018**.



Steven R. Daniel, DDS
President, American Academy of Periodontology



Dear Colleagues:

On behalf of the Canadian Academy of Periodontology, I am thrilled to invite you to the 104th Annual Meeting of the American Academy of Periodontology, in collaboration with the Japanese Academy of Clinical Periodontology and the Japanese Society of Periodontology. This is the first time that the Canadian Academy of Periodontology has teamed with its international partners, and we are honoured and delighted that this year's meeting is being held in one of Canada's most scenic cities, our beautiful Vancouver, British Columbia. In addition to all that the city has to offer, the meeting will provide invaluable opportunities to learn, socialize, and network with dental professionals from all over the world.

Periodontology is continuously evolving with emerging concepts and innovative therapies and this year's scientific sessions and workshops will provide all participants with an exceptional array of the highest quality of education and hands-on experiences that promise to expand scientific knowledge and support periodontal practice.

I hope you take advantage of this unique opportunity, and I am looking forward to welcoming you in Vancouver!



**Jean-Pierre Picard, CD, DMD, MDent(Perio),
FRCDC, FICDS**

President, Canadian Academy of Periodontology



Dear Colleagues:

I would like to welcome all of the participants of the 104th Annual Meeting of the American Academy of Periodontology to Vancouver, Canada. I believe that this is the first time for this meeting to be held in Vancouver in conjunction with the Canadian Academy of Periodontology, the Japanese Academy of Clinical Periodontology, and the Japanese Society of Periodontology. I hope that you will take advantage of this wonderful opportunity to socialize with dental professionals from all over the world and share new knowledge.

Life expectancy has been extended for humanity accompanied by major changes in lifestyles. Maintaining oral health, including the proper treatment of periodontal disease, is a necessity to maintain a high quality of life. As periodontal specialists we are also required to have a wide and deep understanding of the relationships between periodontal disease and systemic disease. During this meeting the four academies will collaborate to provide a wide range of useful lectures to discuss current issues in periodontology and its treatment.

There are lots of exciting activities to enjoy around the city of Vancouver, and I look forward to seeing you there.



Satoru Urano, DDS
President, Japanese Academy of
Clinical Periodontology



Dear Colleagues:

After the San Diego meeting, we, the Japanese Society of Periodontology (JSP) members, are looking forward to having the next joint program with the American Academy of Periodontology (AAP). This time the Japanese Academy of Clinical Periodontology made a big effort to prepare a wonderful joint meeting with the AAP. The JSP is very happy to collaborate with the AAP. Last December when we celebrated the 60th anniversary of the JSP, the president of the AAP, Dr. Steven R. Daniel, visited Kyoto where we had the meeting and gave us very positive comments about future collaboration between the JSP and the AAP. As you know, Japan is now a super-aged society and medical doctors have found that treating periodontitis is key to extending a healthy life. Medical doctors are expecting to collaborate with us.

The relations between periodontitis and many systemic diseases have been revealed at the molecular level. Furthermore, basic fibroblast growth factor was authorized by the Japanese government as an effective drug to regenerate periodontal tissue and is now legal to use on patients with periodontitis in Japan. Molecular targeted drug therapies are rapidly expanding in many diseases including chronic inflammatory disease, such as rheumatoid arthritis (RA). The patients with severe symptoms of RA may be treated by the administration of monoclonal antibody against inflammatory cytokines. Periodontal treatment is now in the era of molecule. Since the environment around us is changing dramatically and rapidly, we have to be adaptable to the needs and technologies for greater sophistication and diversity of periodontology and periodontics. It is a great opportunity for the exchange of new knowledge and to discuss the latest technology and science at the AAP meeting. The JSP always welcomes and looks forward to having joint meetings with the AAP.

Vancouver is well-known as the most beautiful city in Canada. We are excited about visiting there, attending the meeting, seeing old friends, and making new friends.

See you in Vancouver!



Hidemi Kurihara, DDS, PhD
President, Japanese Society of Periodontology



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General Information

ADA C·E·R·P® | Continuing Education Recognition Program

The American Academy of Periodontology is an ADA CERP recognized provider.

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at ADA.org/CERP.

AAP Foundation Booth and Silent Auction

Join the AAP Foundation in the Burrard Foyer of the Vancouver Convention Centre as they pay homage to the last 28 years. Learn more about the Foundation's work, receive fun giveaways, win special raffle prizes, snap a hockey-themed selfie, browse the silent auction, and more! The first 30 \$200+ donors will cozy up with a super soft chenille Foundation blanket.

The AAP Foundation silent auction will once again be online! Bid on a wide array of items from your smartphone, tablet, or computer. Stay tuned to members.perio.org/am2018 for more information.

Americans with Disabilities Act

The Academy recognizes the need to comply with the Americans with Disabilities Act. Please indicate any special requests you may have on the housing and registration form, and an Experient staff member will contact you.

Attendance Requirement

As stated in Chapter 1, Section 6 of the Academy Bylaws, Annual Meeting attendance requirements must be met unless a petition for extension has been filed with the Board of Trustees. To request a waiver, contact AAP Member Services at member.services@perio.org.

Awards

Recipients of AAP and AAP Foundation awards will be honored at a ceremony on Saturday, Oct. 27 from 5:30-7 p.m. at the Pan Pacific Hotel, Lobby Level - Crystal Pavilion (see page 40).

Coat and Baggage Check

A coat and baggage check will be available in the Vancouver Convention Centre during the meeting. Details will be posted to members.perio.org/am2018 when available. The AAP is not responsible for lost or stolen items.

Continuing Education (CE) Information - CE Pavilion

With the exception of Hands-On Workshops and the Dental Hygiene Symposium, participants will be able to log CE credits at the CE Pavilion located in the Exhibit Hall in the front of the 1600 aisle. A link on perio.org will be available for 90 days following the meeting. The AAP does not send CE credit information to state boards or licensing/regulatory agencies. See page 61 for more CE updates.

Meeting attendees are responsible for ensuring that their CE credits are current and on file. For all CE activities, 0.25 credit hours will be awarded for each 15 minutes of activity time, not including breaks, meals, registration periods, or general business. The AAP cautions participants, for each CE session, about the potential risks of using limited knowledge when incorporating new techniques and procedures in their practice.

Crisis Plan

Visit members.perio.org/am2018 or call the AAP at 800-282-4867 for the latest updates and status of the meeting. All attendees must complete the emergency contact information requested on the housing and registration form. In the event of an on-site emergency, please check with your hotel's front desk personnel for further information and instructions or consult the mobile app.

Dress Code and Temperature

Attendees are encouraged to wear business casual attire. In October, high temperatures in Vancouver average around 13°C/55°F, with lows around 6°C/43°F. Lightweight clothing with a jacket for evenings is recommended.

Hotels

The official headquarters hotels are the Fairmont Waterfront and Pan Pacific Vancouver. See pages 63-64 for additional hotel information, including other hotel options.

Housing

Experient will accept new reservations, changes, and cancellations until 5 p.m. EST, Oct. 2, 2018. After this, Experient will continue to take changes, cancellations, and new bookings, however availability may be limited. Beginning Oct. 15, 2018, contact the hotel directly for changes, cancellations, and new reservations. Please refer to your booking confirmation for individual hotel cancellation policies.

Location

Most programs and events will be held at the Vancouver Convention Centre, unless otherwise indicated.

Media Credentials

Members of the media are encouraged to attend the Annual Meeting to cover the wide array of periodontal health topics that will be presented. Media representatives must be currently employed by an established news outlet and must provide identification before being issued a press pass. Valid forms of identification include a business card, letter of assignment on publication letterhead, or published samples of previous editorial/news work. Registration fees for members of the press will be waived, and credentialed media will be allowed to attend non-ticketed sessions and seminars, space permitting.

The Academy reserves the right to limit the number of press passes issued. For more information or to obtain an application for press credentials, contact Mame Kwayie, public relations manager, at mame@perio.org.

Member Resource Center and International Lounge

Stop by the Member Resource Center in the Exhibit Hall (booth #927) to learn about member benefits and exciting AAP strategic initiatives, take a professional headshot, and purchase AAP merchandise.

On-Site Badge Replacement

Registration badges must be worn at all times during the Annual Meeting and are required for access to the Exhibit Hall, courses, and events. There will be a US\$50 replacement fee for lost badges.

Photography

The AAP and the AAP Foundation reserve the right to photograph, videotape, and otherwise capture events and participants of this conference for nonexclusive, perpetual use in all media or forms of communication whether now existing or hereafter developed.

Registration

Online (preferred method/credit card only):
members.perio.org/am2018

Mail (check or credit card):
Experient/AAP Annual Meeting 2018
5202 President's Court, Ste. G100
Frederick, MD 21703

Fax (credit card only):
301-694-5124

Phone (credit card only):
800-424-5249 (U.S.)
+1-847-996-5829 (international)

Registration Refunds

Refunds will be granted to registrants who submit written refund requests by Sept. 18, 2018, less a US\$75 administrative fee. Allow at least 14 business days for refunds to be processed once approved. Requests for refunds will not be accepted in any form after Sept. 18, 2018, or on site.

Shuttle Service

No shuttle service will be provided at the 2018 Annual Meeting.

Staying Longer in Vancouver?

Visit members.perio.org/am2018 for British Columbia travel information and resources.

Video Recording

Most CE courses at the 2018 Annual Meeting will be video recorded. Refer to Session Categories and Definitions (page 13) for information on sessions that are video recorded.

VIP Registration

Enjoy access to an exclusive Annual Meeting experience! By registering as VIP, you will receive:

- Express registration on site to receive your badge and meeting materials.
- A VIP registration ribbon.
- Access to an exclusive lounge to relax, refresh, and network.
- Priority reserved seating at general sessions.
- A private meet-and-greet with the AAP's Executive Committee.

Full registration is required to select this option, and the cost is US\$200 per registrant.



Contact Information

AAP

Call toll free at 800-282-4867 (U.S. & Canada), +1-312-787-5518 (outside U.S. & Canada), or email info@perio.org.

AAP Foundation Events

Contact Dana Camacho at dana@perio.org or 312-573-3257.

Air Travel

This year AAP has secured both United Airlines and Delta Airlines to offer discounts on coach airfares. See page 65 for discount details for both airlines. Direct Travel, the Academy's official travel partner, can assist with travel needs at 800-853-0972 or via email at ord@dt.com.

American Board of Periodontology Events

Contact Kent G. Palcanis at staff@abperio.org or 410-647-1324.

Canadian Academy of Periodontology Events

Contact Claire D'Amour at info@cap-acp.ca or 613-523-9800.

Japanese Academy of Clinical Periodontology and Japanese Society of Periodontology Events

Contact Miwa Kunishima at jacp_jsp18@atalacia.com or +81-72-808-8125 or +81-90-8798-8057.

Ground Transportation

See page 65 for airport shuttle, car rental, and taxi information.

Housing and Registration

Contact Experient at 800-424-5249 (U.S.) or 847-996-5829 (international).

What Does the New Disease Classification Mean for You?

Join leaders of the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions as they review the new periodontal disease classification. For details, see page 50.

Space is limited; be sure to reserve your free ticket to attend this course.

Session Categories and Definitions

Below is a brief outline of the educational and scientific programs offered at the Annual Meeting. Except for general sessions, which run unopposed, these CE sessions can run concurrently during specified time slots.

Clinical Technique Showcase (CTS)

These 1.5-hour sessions offer presentations by four speakers that concisely address a clinically-related subject. Speakers will present their topic in 15 minutes, addressing a particular technique, material, or device that is of clinical interest. There are no breaks between speakers, and the panel will engage in a question-and-answer period of approximately 15 minutes at the session's conclusion. These courses offer CE credit and are video recorded. Open to all registrants at no additional fee.

Continuing Education (CE)

These 2.5-hour programs feature single or multiple speakers in each session. CE courses are professional development or career enhancement sessions given by credentialed speakers delivering a unique topic in a theater-style format. These courses offer CE credit and are video recorded. Open to all registrants at no additional fee.

Focused Continuing Education (FCE)

These 1.5-hour sessions address a specific topic, technique, or practice management issue. This venue features one speaker who gives an in-depth presentation on topics ranging from surgical techniques, materials, treatment sequence and integration, or practice management. These courses offer CE credit and are video recorded. Open to all registrants at no additional fee.

General Session (GS)

These 2-hour programs present a topic of general interest in a stimulating, motivational style by today's most respected speakers. These sessions offer CE credit and are video recorded. Open to all registrants at no additional fee.

Hands-On Workshop (HW)

This interactive, technical course given by experts in a particular area offer participants the opportunity to learn about the latest trends, challenges, and technologies in the industry in a small-group setting. These workshops offer CE credit, but are not video recorded. These are ticketed events and require an additional fee.

Innovations in Periodontics (IP)

These 1.5-hour sessions address innovations and advances in clinical periodontics, basic sciences, or related subjects. Each session consists of four individual speakers who give 15-minute presentations on a specific topic, followed by a 5-minute question-and-answer period. Speakers are selected by a blind review of abstracts submitted to the Academy. These courses offer CE credit and are video recorded. Open to all registrants at no additional fee.



Student and New Periodontist Series

Student members and new periodontists who have graduated within the last two years are invited to participate in the Student/New Periodontist Series. The SNP Series, an exclusive set of series and activities, will resonate with those starting their periodontal careers.

Saturday, Oct. 27

8 a.m. - noon

EV1: The Periodontist in Turbulent Times: Systems to Stay Relevant



1 - 4:30 p.m.

Balint Orban Memorial Program

Sunday, Oct. 28

10:45 a.m. - 12:15 p.m.

FCE5: To Kill or Not to Kill the Biofilm: The Art of Medicine in Periodontal Therapy

12:30 - 3 p.m.

EV6: Pearls and Pitfalls: Navigating Periodontal Practice

Sponsored by Colgate and Straumann



1 - 3 p.m. and 4:30 - 6:30 p.m.

Periodontal Career Fair

2:30 - 5 p.m.

CE3: Current Status of Using Dental Lasers for the Treatment of Periodontal and Peri-Implant Diseases

7 - 9 p.m.

EV8: Student/New Periodontist Member Reception

Sponsored by Treloar & Heisel, Inc., in partnership with MedPro



Monday, Oct. 29

10 - 11 a.m. and noon - 2 p.m.

Periodontal Career Fair

10:45 a.m. - 12:15 p.m.

FCE9: The State of Dynamic Navigation: Technology and Workflow

10:45 a.m. - 12:15 p.m.

FCE12: The Winners Circle: Clinical and Research Showcase

10:45 a.m. - 12:15 p.m.

EV2: Results from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions



2 - 4 p.m.

GS3: Explore Anterior Single Immediate Implant Placement and Provisionalization (IIPP) in the Esthetic Zone (Live-Streaming Surgery)

Tuesday, Oct. 30

10:45 a.m. - 12:15 p.m.

FCE17: Marijuana and E-Cigarettes

Noon - 2 p.m.

Periodontal Career Fair

**SNP
SERIES**

Look for the SNP Series logo throughout the program

Foundation Events

Join the AAP Foundation for these fun, informative events throughout the Annual Meeting:

AAP Foundation Silent Auction

Friday, 3 p.m. - Tuesday, 2 p.m.

The AAP Foundation silent auction is online! Bid on a wide array of items from your smart phone or computer. You'll even get text messages if you've been outbid! No need to download any apps with our new, easy-to-use process. Text **AAPF** to **52182** beginning Oct. 22. For more information, contact Dana Camacho at 800-282-4867 or dana@perio.org.

AAP and AAP Foundation Awards Ceremony

Saturday, 5:30 - 7 p.m.

The AAP Foundation scholarships, grants, and awards will be given in conjunction with the AAP Awards ceremony, to be held at the Pan Pacific Hotel. It will be an evening not to be missed!

NEW!

AAP Foundation Donor Appreciation Event by invitation only

Saturday, 7 - 8:30 p.m.

Join fellow supporters of the AAP Foundation for cocktails, hors d'oeuvres, and the opportunity to hear about the return on your investment from the award recipients themselves. Learn about advances that have been made possible through your generosity, meet the people whose lives you have touched, and celebrate another successful year for the AAP Foundation.

AAP Foundation Estate Planning Breakfast

Monday, 6:30 - 8 a.m.

Back by popular demand, a representative from T&H Financial Group and an estate planning attorney will share financial and legal principles of estate planning. Flip to page 49 for additional information.

Thanks to Treloar & Heisel, Inc. for sponsoring this breakfast.



AAP Foundation Future Horizons in Periodontology

Monday, 10:45 a.m. - 12:15 p.m.

The AAP Foundation is proud to again showcase the talent that AAP Foundation award recipients bring to the specialty through Future Horizons in Periodontology, a dynamic session focused on the latest science. This year's theme is peri-implant disease and associated regenerative alternatives. Learn more on page 50.



Don't forget to stop by the AAP Foundation Booth (in the Burrard Foyer of the Convention Centre West Building) to learn more about the AAP Foundation, bid on the silent auction, snap a hockey-themed selfie, and score fun giveaways and prizes!

Program At-A-Glance





Friday, Oct. 26

3-5 p.m.	Registration
3-5 p.m.	AAP Foundation Booth and Silent Auction


Saturday, Oct. 27

7 a.m.-5 p.m.	Registration
7 a.m.-5 p.m.	AAP Foundation Booth and Silent Auction
8-9:30 a.m.	IW2A: The Science of Coding: Non-Surgical Periodontal Therapy 
8-11 a.m.	ABP1: American Board Review Part 1
8-11 a.m.	Clinical and Basic Science Symposium <i>Sponsored by District 8</i>
8 a.m.-noon	Pan Pacific Session: Tissue Management
8 a.m.-noon	SS1: Moderate Sedation and Emergency Medicine for Periodontists
8 a.m.-noon	EV1: The Periodontist in Turbulent Times: Systems to Stay Relevant  
8 a.m.-5 p.m.	HW1: Vertical Ridge Augmentation (Hands-On Workshop) 
8 a.m.-5 p.m.	HW2: CBCT-Based Guided Treatment Planning and Advanced Surgical Therapies: A Two-Part Hands-On Workshop 
8 a.m.-5 p.m.	HW3: Full-Arch Immediate Load Conversion Prosthesis (Hands-On Workshop) 
8 a.m.-5 p.m.	HW4: Treating Implant Complications (Hands-On Workshop) 
8 a.m.-5 p.m.	EV3: Dental Hygiene Symposium 
8:30-10 a.m.	EV5: Predoctoral Directors Business Meeting 
9 a.m.-noon	IW1: Insurance Workshop: Medical Coding 

Saturday, Oct. 27 (continued)

10-11:30 a.m.	IW2B: The Science of Coding: Bone Grafting for Edentulous Areas 
12:30-2 p.m.	IW2C: The Science of Coding: Full-Arch Immediate Implant Treatment 
1-4 p.m.	ABP2: American Board Review Part 2
1-4:30 p.m.	Balint Orban Memorial Program 
1-4:45 p.m.	Corporate Forum
1-5 p.m.	SS2: Pain Management: A Spectrum of Care
2:30-4 p.m.	IW2D: The Science of Coding: Anesthesia 
5:30-7 p.m.	AAP and AAP Foundation Awards Ceremony

Sunday, Oct. 28

7 a.m.-5 p.m.	Registration
7 a.m.-5 p.m.	AAP Foundation Booth and Silent Auction
8-10 a.m.	GS1: Opening General Session (including presidential address)
9 a.m.-noon	IW3A: Insurance Workshop: Periodontal Coding Insurance Primer 101 
10-10:45 a.m.	Coffee Break in the Exhibit Hall
10 a.m.-6:30 p.m.	JACP/JSP Poster Session
10 a.m.-6:30 p.m.	Research Forum Poster Session and Competition
10 a.m.-6:30 p.m.	Exhibition
10 a.m.-6:30 p.m.	Member Resource Center
10:30 a.m.-noon	EV11: Postdoctoral Directors Business Meeting 
10:45 a.m.-12:15 p.m.	IP1 & IP2/FCE 1-6 Sessions: Innovations in Periodontics and Focused Continuing Education

**Sunday, Oct. 28** (continued)

11 a.m.-3 p.m.	Lunch Service in the Exhibit Hall	
12:30-3 p.m.	EV6: Pearls and Pitfalls: Navigating Periodontal Practice	
12:45-2:15 p.m.	District Forums	
1-3 p.m.	Periodontal Career Fair	
1-4 p.m.	IW3B: Insurance Workshop: Periodontal Coding Insurance Primer 201	
2:30-5 p.m.	Continuing Education (CE) 1-7 Sessions	
4:30-6:30 p.m.	Periodontal Career Fair	
5-6:30 p.m.	Welcome Reception	
7-9 p.m.	EV8: Student and New Periodontist Member Reception	

Monday, Oct. 29

6:30-8 a.m.	EV12: AAP Foundation Estate Planning Breakfast for Periodontists and Spouses	
7 a.m.-5 p.m.	Registration	
7 a.m.-5 p.m.	AAP Foundation Booth and Silent Auction	
8-10 a.m.	GS2: General Session 2	
10-10:45 a.m.	Coffee Break in the Exhibit Hall	
10-11 a.m.	Periodontal Career Fair	
10 a.m.-6 p.m.	Exhibition	
10 a.m.-6 p.m.	JACP/JSP Poster Session and Competition	
10 a.m.-6 p.m.	Member Resource Center	
10 a.m.-6 p.m.	Research Forum Poster Session	
10:45 a.m.-12:15 p.m.	EV2: Results from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions	

Monday, Oct. 29 (continued)

10:45 a.m.-12:15 p.m.	AAPF1: Future Horizons in Periodontology: Peri-Implant Disease and Associated Regenerative Alternatives	
10:45 a.m.-12:15 p.m.	IP3/FCE 7-12 Sessions	
11 a.m.-3 p.m.	Lunch Service in the Exhibit Hall	
Noon-2 p.m.	Periodontal Career Fair	
1-3 p.m.	EV4/EV10: Joint Pre- and Postdoctoral Educators Workshop: Findings from the World Workshop: A Perspective for Educators	
2-4 p.m.	GS3: General Session 3	
5-6 p.m.	General Assembly Business Session	

Tuesday, Oct. 30

7 a.m.-2 p.m.	Registration	
7 a.m.-2 p.m.	AAP Foundation Booth and Silent Auction	
7:30-9 a.m.	AAP Foundation Last Chance Bid Breakfast	
8-10 a.m.	GS4: General Session 4	
10-10:45 a.m.	Coffee Break in the Exhibit Hall	
10 a.m.-3 p.m.	Exhibition	
10 a.m.-3 p.m.	JACP/JSP Poster Session	
10 a.m.-3 p.m.	Member Resource Center	
10 a.m.-3 p.m.	Research Forum Poster Session	
10:45 a.m.-12:15 p.m.	IP4/FCE 14-19 Sessions	
11 a.m.-2 p.m.	Lunch Service in the Exhibit Hall	
Noon-2 p.m.	Periodontal Career Fair	
2-4 p.m.	GS5: General Session 5	

Program Tracks

Emerging Concepts and Innovative Therapies

- HW2** CBCT-Based Guided Treatment Planning and Advanced Surgical Therapies: A Two-Part Hands-On Workshop
Session Category: Hands-On Workshop | CE Credit Value: 8.0 | Saturday, Oct. 27 | 8 a.m. - 5 p.m. Page 37
- IP1** Innovations in Periodontics Session 1
Session Category: Innovations in Periodontics | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Page 42
- FCE6** The Full-Arch Implant Supported Restoration: What a Periodontist Should Know
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Page 44
- FCE9** The State of Dynamic Navigation: Technology and Workflow
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. Page 52
- FCE18** Restorative Materials: What Every Surgeon Should Know
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. Page 57

Implant Surgery and Prosthetic Rehabilitation

- HW3** Full-Arch Immediate Load Conversion Prosthesis
Session Category: Hands-On Workshop | CE Credit Value: 8.0 | Saturday, Oct. 27 | 8 a.m. - 5 p.m. Page 38
- HW4** Treating Implant Complications
Session Category: Hands-On Workshop | CE Credit Value: 8.0 | Saturday, Oct. 27 | 8 a.m. - 5 p.m. Page 38
- IW2C** The Science of Coding: Full-Arch Immediate Implant Treatment
Session Category: Continuing Education | CE Credit Value: 1.5 | Saturday, Oct. 27 | 12:30 - 2 p.m. Page 36
- FCE1** Something Old, Something New, Avoiding the Things that Will Make You Blue: Periodontics for 2019
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Pages 42-43
- IP2** Innovations in Periodontics Session 2
Session Category: Innovations in Periodontics | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Page 42
- CE2** What is the Most Effective and Least Invasive Treatment of Maxilla with a Low Sinus?
Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 46
- CE4** The Timing of Implant Placement
Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 47
- GS2** Team Collaboration of Periodontal, Prosthetic, and Maxillofacial Reconstruction to Optimize Implant Esthetic and Functional Results
Session Category: General Session | CE Credit Value: 2.0 | Monday, Oct. 29 | 8 - 10 a.m. Page 49
- GS3** Explore Anterior Single Immediate Implant Placement and Provisionalization (IIPP) in the Esthetic Zone
Session Category: General Session | CE Credit Value: 2.0 | Monday, Oct. 29 | 2 - 4 p.m. Page 54

Implant Surgery and Prosthetic Rehabilitation (continued)

FCE14 Digital Workflows from Surgical Planning to Final Restoration

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. Page 56

FCE15 Full-Arch Immediate Placement and Loading: A Non-Grafting Alternative for the Periodontist

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. Page 56

Interdisciplinary Therapy

FCE2 Utilizing Facilitated Orthodontics to Enhance Tooth Replacement and Dento-Facial Harmony

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Page 43

CE5 Avoiding and Managing Esthetic Implant Failures

Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 47

Leadership, Personal, and Practice Development

ABP1 American Board Review Part 1

Session Category: Continuing Education | CE Credit Value: 3.0 | Saturday, Oct. 27 | 8 - 11 a.m. Page 32

EV1 The Periodontist in Turbulent Times: Systems to Stay Relevant

Session Category: Continuing Education | CE Credit Value: 4.0 | Saturday, Oct. 27 | 8 a.m. - noon Page 35

IW1 Insurance Workshop: Medical Coding

Session Category: Continuing Education | CE Credit Value: 3.0 | Saturday, Oct. 27 | 9 a.m. - noon Page 36

ABP2 American Board Review Part 2

Session Category: Continuing Education | CE Credit Value: 3.0 | Saturday, Oct. 27 | 1 - 4 p.m. Page 39

GS1 Opening General Session: Endeavor to Succeed

Session Category: General Session | CE Credit Value: 2.0 | Sunday, Oct. 28 | 8 - 10 a.m. Page 41

IW3A Insurance Workshop: Periodontal Coding Insurance Primer 101

Session Category: Continuing Education | CE Credit Value: 3.0 | Sunday, Oct. 28 | 9 a.m. - noon Page 41

EV6 Pearls and Pitfalls: Navigating Periodontal Practice

Session Category: Student/New Periodontist Series | CE Credit Value: None | Sunday, Oct. 28 | 12:30 - 3 p.m. Page 45

IW3B Insurance Workshop: Periodontal Coding Insurance Primer 201

Session Category: Continuing Education | CE Credit Value: 3.0 | Sunday, Oct. 28 | 1 - 4 p.m. Page 45

FCE10 The Cost of Surgical Complications

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. Pages 52-53

Program Tracks

Oral Pathology, Oral Medicine, and Oral Diagnosis

- EV2** Results from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. | Page 50

Periodontal and Systemic Interrelationships

- FCE5** To Kill or Not to Kill the Biofilm: The Art of Medicine in Periodontal Therapy
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. | Page 44
- FCE11** Obesity, Diabetes, and Periodontal Disease
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. | Page 53
- FCE17** Marijuana and E-Cigarettes
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. | Page 57

Periodontal Plastic and Soft Tissue Surgery

- FCE7** The Art of Microsurgery
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. | Page 51
- FCE8** Minimally Invasive Approaches for Multiple Tooth Recession
Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. | Page 52

Sedation and Anxiety Management

- SS1** Moderate Sedation and Emergency Medicine for Periodontists
Session Category: Special Session | CE Credit Value: 4.0 | Saturday, Oct. 27 | 8 a.m. - noon | Page 34
- SS2** Pain Management: A Spectrum of Care
Session Category: Special Session | CE Credit Value: 4.0 | Saturday, Oct. 27 | 1 - 5 p.m. | Page 40
- IW2D** The Science of Coding: Anesthesia
Session Category: Continuing Education | Credit Value: 1.5 | Saturday, Oct. 27 | 2:30 - 4 p.m. | Page 36

Tissue Engineering and Hard Tissue Reconstruction

- HW1** Vertical Ridge Augmentation
Session Category: Hands-On Workshop | CE Credit Value: 8.0 | Saturday, Oct. 27 | 8 a.m. - 5 p.m. | Page 37
- IW2B** The Science of Coding: Bone Grafting for Edentulous Areas
Session Category: Continuing Education | CE Credit Value: 1.5 | Saturday, Oct. 27 | 10 - 11:30 a.m. | Page 36

Tissue Engineering and Hard Tissue Reconstruction (continued)

FCE4 Contemporary Materials and Techniques for Edentulous Ridge Augmentation

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Page 44

CE1 Predictable Vertical Ridge Augmentation

Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 46

CE7 Hard and Soft Tissue Augmentation in Edentulous Crest Adjacent to Teeth with a Damaged Periodontium

Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 48

IP3 Innovations in Periodontics Session 3

Session Category: Innovations in Periodontics | CE Credit Value: 1.5 | Monday, Oct. 29 | 10:45 a.m. - 12:15 p.m. Page 51

GS4 Management of Deficiencies in the Esthetic Zone: Bone Reconstruction vs. the Prosthetic Alternative "Interface Planning"

Session Category: General Session | CE Credit Value: 2.0 | Tuesday, Oct. 30 | 8 - 10 a.m. Page 55

FCE16 Predictable Ridge Augmentation with Rigid Membranes

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. Page 56

GS5 Emerging Regenerative Approaches to Periodontal Reconstruction

Session Category: General Session | CE Credit Value: 2.0 | Tuesday, Oct. 30 | 2 - 4 p.m. Page 58

Treatment of Periodontal Diseases and Peri-Implant Diseases

IW2A The Science of Coding: Non-Surgical Periodontal Therapy

Session Category: Continuing Education | CE Credit Value: 1.5 | Saturday, Oct. 27 | 8 - 9:30 a.m. Page 36

FCE3 Treatment of Peri-Implantitis

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Sunday, Oct. 28 | 10:45 a.m. - 12:15 p.m. Page 43

CE3 Current Status of Using Dental Lasers for the Treatment of Periodontal and Peri-implant Diseases

Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 46

CE6 Contemporary Furcation Management

Session Category: Continuing Education | CE Credit Value: 2.5 | Sunday, Oct. 28 | 2:30 - 5 p.m. Page 48

FCE19 Predictable Periodontal Surgery Outcomes: Flap Designs, Defect Management, and Wound Closure

Session Category: Focused Continuing Education | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. Page 57

IP4 Innovations in Periodontics Session 4

Session Category: Innovations in Periodontics | CE Credit Value: 1.5 | Tuesday, Oct. 30 | 10:45 a.m. - 12:15 p.m. Page 55

Corporate Forum

The 17th Annual AAP Corporate Forum will take place on Saturday, Oct. 27, in the Vancouver Convention Centre (VCC). The Academy extends its thanks to all participating companies for their support.

Corporate Forum participants have selected the speakers and topics for the sessions, paying all related expenses. The information and opinions presented are solely those of the speakers and sponsoring companies and do not represent the opinions of, nor constitute endorsement by, the AAP. The Academy does not offer continuing education (CE) credit for the Corporate Forum; however, some companies may be ADA CERP certified.

Schedule-At-A-Glance Saturday, Oct. 27

1-1:45 p.m.

Geistlich Biomaterials
J. Morita USA
Millennium Dental Technologies
Nobel Biocare
(1-2:05 p.m.)
Southern Implants
Straumann
Zimmer Biomet

1:45 - 2 p.m. | Break

2-2:45 p.m.

Geistlich Biomaterials
Hu-Friedy
Manufacturing
J. Morita USA
Millennium Dental Technologies
Nobel Biocare
(2:05-3:15 p.m.)
Snoasis Medical
Straumann
Zimmer Biomet

2:45 - 3 p.m. | Break

3-3:45 p.m.

BioHorizons
Dentium
Dentsply Sirona Implants
Geistlich Biomaterials
J.Morita USA
Legally Mine
Millennium Dental Technologies
Nobel Biocare
(3:15-4 p.m.)
Straumann
Zimmer Biomet

3:45 - 4 p.m. | Break

4-4:45 p.m.

BioHorizons
Biolase
Dentium
Dentsply Sirona Implants
Geistlich Biomaterials
J. Morita USA
Millennium Dental Technologies
Nobel Biocare
(4-5 p.m.)
Straumann
Zimmer Biomet

Corporate Forum Course Descriptions

Course titles and descriptions provided by Corporate Forum participants.

1-1:45 p.m.



Soft-Tissue Augmentation around Teeth and Implants: Evidence, Outcomes, Alternatives, and New Advances

Michael McGuire, DDS

Visit members.perio.org/am2018 for more information.



Peri-Implantitis and Laser Therapy: Shining a Light on Decision Making

Donald S. Clem, III, DDS

Dental implants have arguably been one of the greatest advancements in dentistry. In the early 80's clinicians were frequently told that these medical devices were essentially impervious to inflammatory bone loss, were lifetime solutions to edentulism and required little in the way of professional maintenance. As we have experienced in the ensuing decades, however, complications associated with progressive bone loss have been a challenge to the clinician putting patients at risk. Literally hundreds of dental implant manufacturers and a growing list of regenerative materials have complicated decision making in the face of bone and tissue loss.

Unfortunately for many clinicians this is a growing albeit perplexing part of current implant management. While a number of regenerative and resective protocols have been published, few have demonstrated a significant evidenced based approach with long term follow up. As multiple laser devices have been put into use, questions remain regarding their role in managing inflammatory bone loss around implants. This presentation will review the current evidence regarding peri-implantitis treatment and the possible role of Er:YAG lasers in managing these conditions. A suggested protocol with consecutive case series follow up and analysis will also be reviewed in detail.



The LAPIP Protocol: A Predictable Cost-Effective Peri-Implantitis Treatment

Allen Honigman, DDS, MS, Dip. Perio

An increase in the number of ailing and failing implants is being reported worldwide. Peri-implantitis is becoming a growing concern in the dental community with estimates of 12% to 40% of implants placed being affected. Present treatment modalities, many which are based on periodontal surgical procedures, include surgical resection, regenerative therapies, and removal of the affected fixtures can be traumatic, technique sensitive and costly. A unique protocol, LAPIP, will be discussed that has been shown to be a more patient-friendly, cost-effective and a less traumatic way to treat patients with affected implants.

Learning Objectives

1. Identify which lasers can be used effectively to treat peri-implantitis.
2. Comprehend the etiology of peri-implantitis.
3. Recognize applications, advantages, and disadvantages of LAPIP for the treatment of peri-implantitis over traditional surgical methods.





Current and Future Concepts in Implant Reconstruction

1 - 1:05 p.m. | Introduction

Moderator: Oded Bahat, BDS, MSD, FACD

1:05 - 1:35 p.m. | Managing Digital Patient Information with Integrated Workflows - From Diagnostics to Three-Dimensional Planning

Bobby Birdi, DMD, Dip. Perio, Dip. Prosth, MSc, FCDS(BC), FRCD(C), FACP, DABP



Three-dimensional digital data capture is providing significant improvements in diagnostics and treatment planning. This ensures efficient workflows and new ways of communication to the patient. Digital software tools allow for enhanced collaboration throughout the entire team and more precision in the delivery of better care.

This presentation will discuss the ease of data handling through each step of the digital workflow. This is of eminent importance for an efficient implementation of digital procedures in the daily routine of a dental clinic. Finally, the seamless integration of digital workflows will guarantee a successful and predictable treatment outcome.

1:35 - 2:05 p.m. | Facial Analysis - The Roadmap to Esthetic Success

Ernest Orphanos, DDS

Full-arch dental implant rehabilitations address dental esthetics, phonetics and function. Unfortunately, facial esthetics are often neglected. The F.I.T. approach addresses facial anatomy as the primary indicator for incisal edge position, which in turn will result in dental - facial harmony. Understanding esthetic facial proportion will assist the clinician in not only addressing dental esthetics, phonetics and function, but will also address the need to restore facial esthetics.



Achieving More Predictable Results Through the Use of Angled, Site Specific Co-Axis® Implants

Harold S. Baumgarten, DMD

This presentation will demonstrate how an innovative angled Co-Axis® Implant design can be used in multiple clinical situations to maximize bone and soft tissue volume while avoiding the need for grafting. Implants can be placed in the ideal position allowing the use of easier to use, straight up, screw-retained restorations. Subcrestal Angle Correction™ available in 12, 24, and 36 degrees in multiple connections accelerates the adoption of this innovative implant design.



Embracing Changes and Creating Opportunities - Straumann® Fully Digital Work Flow

Marcus Abboud, DDS

The translation from digital technologies into the clinical field opens unaccounted number of treatment possibilities at the surgical and the prosthodontics level. This program will focus on the application of a fully integrated Straumann digital workflow including intraoral scanning, guides surgery treatment planning, and CAD/CAM scanners in implant dentistry, and how embracing changes can improve your treatment efficiency and patient experience.



Regenerative Approach for Biotype Modification and PAOO

Rodrigo Neiva, DDS, MS

Visit members.perio.org/am2018 for more information.

2-2:45 p.m.



Designing a Connective Tissue Graft Alternative from Scratch: Perspective from Prototype to 3-Year Clinical Follow-Up

Daniel Thoma, PD Dr. med. dent.

Visit members.perio.org/am2018 for more information.



Effective Decontamination of Implant Surfaces

Edward P. Allen, DDS, PhD

Peri-implant mucositis and peri-implantitis following successful osseointegration of functionally loaded implants have become recognized as significant problems in implant dentistry. Both are progressive infective processes that cause patient discomfort and can lead to implant failure. Prevention and treatment of these maladies require reduction of the microbial burden by effective decontamination of the abutment and implant surfaces. This presentation will describe both non-surgical and minimally invasive surgical treatment methods for problems at implant sites.



Use Er:YAG Lasers for the Treatment of Moderate to Severe Periodontitis and Peri-Implant Diseases

Hom-Lay Wang, DDS, MSD, PhD

This presentation addresses the characteristics of Er:YAG dental lasers. The participant will learn how to use Er:YAG dental lasers for the management of moderate to severe chronic periodontitis and peri-implant diseases.

Educational objectives:

- Learn how to properly use Er:YAG dental lasers.
- Know the pros and cons of using Er:YAG dental lasers for the treatment of moderate to severe chronic periodontitis and peri-implant diseases.



Jin Kim, DDS, MPH, MS, FACD

Visit members.perio.org/am2018 for more information.



2:05 - 2:45 p.m. | Choosing Patient Specific Treatment Options from Guided to Navigated Surgery - My Decision Tree in Daily Routine

Edmond Bedrossian, DDS, FACD, FACOMS, FAO

New innovations in guided and navigated surgery provide more options for the treatment of the edentulous or terminal dentate patient. Understanding considerations together with surgical factors are critical.

This presentation will display the clinical decision making in opting for guided versus navigated implant surgery. Based on the clinical situation, as well as patient requirements, an array of highly reliable treatment options will be discussed. This presentation will also look at a new innovative system called Trefoil™ which provides a premium alternative to treat an entirely new patient population.

2:45 - 3:15 p.m. | Evidence Based Innovation - The Link between Science and Therapy

Jill Helms, DDS, PhD

Above all else, implant specialists focus on improving quality of life for their patients. This focus requires a deep understanding of the biology and mechanics of implant osseointegration, and that is the goal of implant scientists: to provide the science basis for clinical innovation.





Rise of Placental Tissue Products: Implications in Dentistry and Medicine

Mark C. Lucas, DDS, MS

The rise of placental tissue is forever changing medicine and Snoasis Medical has pioneered this development for over 10 years. Its Purion® processed deepithelialized amnion-chorion allograft (BioXclude®) delivers multiple extracellular matrix proteins, growth factors, and cytokines to provide a barrier membrane that enhances healing. The FDA allows this minimally manipulated tissue to be used as a barrier, conduit, connector, or cushion in a variety of dental, endodontic, oral maxillofacial, and periodontal regenerative procedures. The lecture will review the history and evolution of placental tissue use in dentistry and medicine with background science. Additionally, the presentation will review the expanding body of evidence in support of Snoasis Medical's position that adoption of BioXclude® for routine and challenging tissue regeneration and dental implant cases represents a simple and inexpensive, yet highly effective, means to improve practice productivity and patient satisfaction.



Innovative Simultaneous Bone Augmentation Solutions

Edgard El Chaar, DDS, MS

Patients' expectations of time to teeth and esthetic outcome have changed significantly over the last decade. Simultaneous bone augmentation and implant placement are now possible using innovative bone grafting solutions such as the allograft ring. Treatment time is reduced by approximately five months compared to traditional bone block augmentation. Dr. El Chaar will share his clinical application of the Straumann AlloGraft Ring and other new bone augmentation solutions.



Rehabilitation of Medically Compromised Patients with Dental Implants. A Five-Year Follow-Up on Risk, Revision, and Time to Final Restoration

Suheil Boutros, DDS, MS

Visit members.perio.org/am2018 for more information.

3-3:45 p.m.



Prevention of Peri-Implantitis through Implant Design: An Evidence-Based Approach

Hom-Lay Wang, DDS, MSD, PhD

Implant complications have become a major challenge for many dentists who placed implants. This lecture is designed to understand what's new in this field and how to avoid these problems. New definitions as well as treatment prognosis of peri-implant diseases will be presented. Recent research findings of how surface coating influence the incidence of implant complications will be discussed. In addition, this lecture will provide the mechanisms of how implant bone loss and implant failure occurred. Specifically, how to manage implant esthetic, biological, biomechanical complications will be demonstrated.

Learning Objectives

- Recognize potential etiological that contribute to implant complications.
- Learn how to prevent future implant complications through implant design.
- Know how to select proper treatment for different implant complications, both soft and hard tissues, or even retrieval of failed implants.

**The Keys to Managing Peri-Implantitis Part 1**

Alan M. Meltzer, DMD, MScD

Visit members.perio.org/am2018 for more information.**Management of Sloped Ridges: Graft and Graft-Less Options**

Rodrigo Neiva, DDS

This lecture will focus on modern treatment options for management of sloped alveolar ridges, aimed to maximize tissue quality at the implant interface with the oral cavity, for creation of a stronger biologic seal, more resistant to peri-implantitis.

**Aesthetic and Functional Hard and Soft Tissue Augmentation Around Implants**

Daniele Cardaropoli, DDS

Visit members.perio.org/am2018 for more information.**Foundation: A Simple and Novel Approach to Alveolar Ridge Preservation**

Veronique Benhamou, BSc, DDA

Preserving and/or augmenting the alveolar bone following an extraction have become a gold standard in the current world of Implantology. The wound healing process of extraction sockets and the steps leading to facilitating prosthetic based surgical implant placement will be reviewed. Ridge preservation includes atraumatic tooth extraction techniques and the utilization of various materials to maintain the bone volume. A novel, simple, and predictable method of ridge preservation will be discussed.

**Essential Legal Concepts and Strategies to Protect Today's Periodontists**

Periodontists provide care in high-risk environments that make them targets in our legal system. Legal entanglements in healthcare are all but inevitable. All too often we see good doctors whose careers and lives have been ruined without just cause. This course will take attendees through two crucial cases, illustrating principles of general liability, medical malpractice, and state board procedures.

Attendees will learn about corporate and legal structures, where they may be personally vulnerable, which legal entities can protect personal and business assets, and how to build professional license safeguards into their legal structures. Attendees will also learn how legal structuring opens the door to valuable tax benefits.



Gary Schwarz, DDS, MSD

Visit members.perio.org/am2018 for more information.**3:15 - 4 p.m. | Parameters for Reconstructions with Implants - What are the Current and Future Concepts?**

Oded Bahat, BDS, MSD, FACD

Implant reconstruction is not a perfect science. Facial and intra-oral changes have been demonstrated in all age groups and both sexes. Such three-dimensional changes over time in the position of teeth, associated bone and soft tissue relative to the static position of implants can introduce negative esthetic and functional consequences. This presentation will discuss appropriate modification of three-dimensional bone and soft tissue grafting of large defects with appropriate sequence changes of site preparation by surgical modification.



LOOP: The Referral Communication Platform for Practice Growth

David Rallis, DDS, MD



Did you know 60% of referrals work with more than one specialist? That's right. Even doctors you consider top referrals may be sending patients to your competition at a surprisingly high rate. LOOP is a unique, web based communication platform that builds relationships between implant specialists, dentists and dental labs for more efficient collaboration and enhanced patient care. Join Dr. David Rallis as he unveils how LOOP can set you apart as the specialist of choice, increase profitability and fuel double-digit practice growth.



ZIMMER BIOMET

Your progress. Our promise.™

Creating Better Surgical Restorative Relationships using Digital Work Flows, from Single-Tooth to Full-Arch Part 1

Curtis Jansen, DDS

Visit members.perio.org/am2018 for more information.

4-4:45 p.m.



Why Periodontists Need to Adopt Digital Dentistry: Improve Case Documentation, Simplify Planning, and Reduce Surgical and Restorative Errors and Complications

Sonia Leziy, DDS, Dipl Perio, FCDS(BC), FRCD(C)

The digital work-flow improves the communication between the surgical, restorative and technical team members. This presentation will highlight insights on the strengths and struggles in the implementation of this technology, while sensitizing the audience to steps and thoughts to better the experience. Emphasis will be placed on chairside intra-oral scanning (iOS), CBCT technology, and software programs to plan and perform more accurate and precise surgical and restorative implant procedures.

BIOLASE

Innovative Management of Periodontal and Implant Conditions with Er,Cr:YSGG Laser Technology

Preety Desai, DDS, MSC

Samuel B. Low, DDS, MS, MED



Today's periodontist requires technology to enhance procedural results in a variety of both hard and soft tissue environments. The YSGG "all tissue" laser is uniquely able to remove < 5 cell layers at a time while its penetration allows concurrent bleeding control and microbial decontamination in a surgical environment. As such the superior role that YSGG has in being truly "minimally invasive" in its ablation of hard and soft tissues can benefit your clinical practice. Laser enhanced techniques include periosteal tunneling for muco gingival procedures, osseous preservation extractions, alveolar socket debridement, esthetic crown lengthening and smear layer/biofilm removal in a variety of therapies. The global expansion of procedures from managing both moderate to severe periodontitis to periimplantitis will be presented in a series of case reports with scientific justification demonstrating accelerated wound healing. Pearls will be provided to market the "techno" niche practice in today's competitive environment.



DentiumUSA

Developed by Clinicians for Clinicians

The Keys to Managing Peri-Implantitis Part 2

Alan M. Meltzer, DMD, MScD

Visit members.perio.org/am2018 for more information.



Full-Arch Reconstruction for Edentulous or Patients with Terminal Dentition

Homa Zadeh, DDS, PhD

Treatment of edentulous patients, or dentate patients to be transitioned to edentulism, poses many challenges, including anatomic proximity to critical oral structures, limited bone volume, inappropriate bone topography, and soft tissue deficiency.

This presentation explores the therapeutic options for fully edentulous patients, focusing on those with compromised bone. At the conclusion of this presentation, participants will gain knowledge of planning, implant selection, position and orientation. Surgical execution and loading considerations will also be discussed.



Current Concepts for Managing Hard and Soft Peri-Implant Tissues

Hector Sarmiento, DMD, MSc

Visit members.perio.org/am2018 for more information.



Advanced CBCT Imaging in Periodontics

Bruno Azevedo, DDS, MS

CBCT imaging is one of the most important tools during the diagnosis, treatment planning, and management of patients with periodontal disease and/or seeking dental implants. This course will demonstrate how high-resolution imaging can positively impact all phases of treatment in contrast to low resolution scans. This dynamic lecture will guide you through specific steps on how to acquire and manipulate CBCT scans for periodontal/implant planning. We will discuss how Morita CBCT imaging can help you better visualize key anatomical structures and dental implants with minimum to no imaging artifacts.

Educational Objectives:

- Learn the importance of high resolution scans in your daily practice.
- Understand the importance of zoom reconstruction during CBCT interpretation.
- How to minimize metal artifacts such as beam hardening.



Keisuke Wada, DDS, MNSc, DMD, PhD

Visit members.perio.org/am2018 for more information.





4 - 4:30 p.m. | Maximum Quality to Ensure Longevity of Full-Arch Implant Restorations



Peter Wöhrle, DMD, MMedSc

This lecture will reveal an amazing treatment journey extending the boundaries of prosthetics through a comprehensive systematic approach. It will review how through the pre-visualization of bone and soft tissue architectures you can merge the anatomical needs with the patient requirements for a natural-looking restoration and facial rejuvenation from both fixed and removable implant solutions. The keys to long-term success with the best quality and precision of restorative components will be detailed in the course of the lecture.

4:30 - 5 p.m. | Panel Discussion

Moderator: Oded Bahat, BDS, MSD, FACD

Panel: Bobby Birdi, DMD, Dip. Perio, Dip. Prosth, MSc, FCDS(BC), FRCD(C), FACP, DABP; Ernest Orphanos, DDS; Edmond Bedrossian, DDS, FACD, FACOMS, FAO; Jill Helms, DDS, PhD; Peter Wöhrle, DMD, MMedScMedSc



The Art of Immediate Implant Therapy. Why Straumann?

Paul Fugazzotto, DDS

Our understanding of therapeutic capabilities and causes of failures continue to evolve. Newer materials and therapeutic modalities are introduced and/or are coming of age. Implant failures are no longer mysteries. What does this mean to the conscientious clinician, who strives to limit therapeutic failures, demands quality and evidence, and walks a fine line between innovation and long-term predictability? Dr. Fugazzotto will share his understanding of the causes of implant failures and how to prevent their occurrences. He will also discuss the appropriate use of the 2.9 BLT implant, the advantages, indications and contraindications of the allograft bone ring technique, and the impact of immediate full arch hybrid therapy on patient care and practice growth.



Creating Better Surgical Restorative Relationships using Digital Work Flows, from Single Tooth to Full-Arch Part 2

Curtis Jansen, DDS

Visit members.perio.org/am2018 for more information.

Schedule of Events

Oct. 26 - 30, 2018

Program Note:

Speakers are listed in alphabetical order according to last name, not necessarily in the order in which they will present.

Please note that all information in this program including agenda, timing, faculty, and/or program content is subject to change.



Ticketed Course/Event



Student/New Periodontist Series



New Speaker(s)



New for 2018

Schedule of Events

Friday, Oct. 26, 2018

On-Site Registration Opens

3 - 5 p.m.

AAP Foundation Booth and Silent Auction

3 - 5 p.m.

Join the AAP Foundation in the Burrard Foyer of the Vancouver Convention Centre to learn more about the Foundation's work, bid on the silent auction, and celebrate 28 years of service to the specialty. Enter raffles, score fun giveaways, snap a hockey-themed selfie, and enjoy a festive atmosphere. The first 30 \$200+ donors will cozy up with a super soft chenille Foundation blanket!

The AAP Foundation silent auction will be online! All bidding will be done from your smartphone or computer and no app is needed. You'll even get a text if you've been outbid! The AAP Foundation will have more than 100 products and services to bid on, from dental equipment to unique fashion accessories to hotel stays. Have fun supporting the AAP Foundation, outbidding colleagues, and scooping up bargains. Text AAPF to 52812 beginning Oct. 22 to join the fun!

AAP Periodontal Career Fair

Register Now!

Table space is limited!

Are you a new practitioner or recent graduate looking for that perfect job, or a periodontist looking for that distinct individual as a partner or associate to match your office needs?

If so, the AAP Periodontal Career Fair is the place to be! It is a great opportunity for employers and recent graduates to meet, network, and get the leads you have been looking for. It only takes a moment to make the connection that could lead to the career of your lifetime.

You must be a registered meeting attendee to register for a table at the Periodontal Career Fair. Job seekers should come prepared with copies of their CV.

Table Cost: \$125 for AAP members, \$325 for non-members and exhibiting companies

To fill out an application or receive additional information, contact Rose Barnstable at rose@perio.org or 312-573-3212. To reserve a table, the application and payment must be received by Oct. 1, 2018.

Saturday, Oct. 27, 2018

Registration

7 a.m. - 5 p.m.

AAP Foundation Booth and Silent Auction

7 a.m. - 5 p.m.

ABP1: American Board Review Part 1

8 - 11 a.m.

Leadership, Personal, and Practice Development

Speakers: Bradley L. Phillips, Michael P. Rethman, and Francis G. Serio

It's like it never went away! The American Board of Periodontology (ABP) Qualifying Examination (written) will be given in 2018. This course, as it has since 1989, will assist in preparing candidates by providing strategies for studying, utilizing key resources, and offering a plan to successfully complete the written and oral parts on the path to becoming a diplomate. This program reflects all the new Board regulations and changes in the examination and certification process.

Specific topics that are historically part of the written and oral examinations will be presented:

- An evidence-based overview of occlusion as related to periodontal disease and therapy.
- A focused discussion of diagnoses, identification of risk and etiologic factors, and the implications for treatment planning and selection in patient care.

Educational Objectives:

- Review the current ABP regulations.
- Complete a literature-based review of selected topics.
- Provide strategies to efficiently prepare for and pass the qualifying and certifying examinations.

Sunday, Oct. 28

1-3 p.m. and 4:30-6:30 p.m.

Monday, Oct. 29

10-11 a.m. and noon-2 p.m.

Tuesday, Oct. 30

Noon-2 p.m.

Location:

Exhibit Hall (next to Perio Park, where you can also post your information on the AAP job information exchange board)



Saturday, Oct. 27, 2018

Clinical and Basic Science Symposium Sponsored by District 8

8 - 11 a.m.

All registered participants are welcome to attend.

Periodontics residents from the Veterans Administration, Army, Air Force, and Navy will provide 10-minute presentations on their clinical and basic science research. The presentations cover a wide variety of topics, and each speaker will have five minutes to answer questions following the presentation.

Moderator: Cmdr. Keith Merchant

Speakers, Presentation Titles, and Educational Objectives:

Owais A. Farooqi, Periodontics Chairman, Veterans Administration: *Dental Providers' Role in Preventing Non-Ventilator Associated Hospital Acquired Pneumonia: Lessons from a Research Project*

Lt. Cmdr. Allen Gunn, Periodontist, Navy (Former Veterans Administration Resident): *Calcium Chelator Gel: Impact of a New Calcium Chelator Dental Gel on Clinical Parameters in Patients with Periodontitis*

Lt. Ryan Kaye, Periodontics Resident, Navy: *Osseodensification: A Novel Implant Osteotomy Technique*

Lt. Claus J. Ullstad, Periodontics Resident, Navy: *Comparison of Nd:YAG laser to Air Abrasive Disinfection of Implant Surfaces in a Simulated Model of Peri-Implantitis*

Capt. Ryan McGary, Periodontics Resident, Army: *Phenotypic Analysis of Dural Stem/Progenitor Cells Activated in a Rat Critical-Sized Calvarial Defect Bone Regeneration Model*

Capt. Daniel Phillips, Periodontics Resident, Army: *Retrospective Evaluation of Horizontal Guided-Bone Regeneration Outcomes Using Cone Beam Computed Tomography Images*

Capt. Richard Hill, Periodontics Resident, Army: *Observations and Identification of a Novel Population of Parietal Ridge Osteoprogenitor Stem Cells in a Rat Critical-Sized Calvarial Defect Bone Regeneration Model*

Capt. Dane T. Swenson, Periodontics Resident, Army: *Horizontal Ridge Augmentation Following Guided-Bone Regeneration: A Retrospective Study*

Maj. Mandy Miller, Periodontics Resident, Air Force: *Thymol Modulation of Androgen Receptor in Oral Squamous Cell Carcinoma*

Maj. Aaron J. Agirre, Periodontics Resident, Air Force: *Murine Hypoplastic Amelogenesis Imperfecta Analyzed by Micro-Computed Tomography*

Capt. Seung Y. Lee, Periodontics Resident, Air Force: *Role and Mechanism of Bmp2 Gene in the Formation of Acellular Cementum and Associated Attachment of the Periodontal Ligaments*

Educational Objectives:

- Consider oral care needs to prevent non-ventilator associated hospital acquired pneumonia (NV-HAP) in susceptible populations.
- Identify opportunities/strategies to collaborate with medical/nursing care providers in developing/implementing oral care protocol for in-patients to substantially reduce their risk of NV-HAP.
- Explain the mechanism by which calcium chelator gel might impact the formation of plaque and other clinical parameters.
- Describe the science behind osseodensification, evaluate the various clinical applications of osseodensification, identify the indications for using osseodensification, and understand the potential clinical benefits to both the patient and the surgeon.
- Discuss the rationale for utilizing either Nd:YAG laser or air abrasive technology in the decontamination of implant surfaces and understand the limitations and predictability associated with each modality.
- Review the potential biological mechanisms associated with the healing of a critical-sized defect.
- Identify the potential role that Bone Morphogenic Protein-2 in healing and its effect on the biological processes.
- Describe factors associated with increased horizontal ridge width in guided-bone regeneration.
- Review available biomaterials available for guided-bone regeneration procedures.
- Understand the relationship between stem cell activity and rhBMP-2 concentrations in the rat calvarium, critical-size defect model.
- Assess the magnitude of expected horizontal gains during ridge augmentation procedures.
- Evaluate the success rate of implants placed in augmented bone.
- Grasp the effect of thymol on androgen receptor expression and activation in OSCC.
- Describe the mineral volume and density of mandibular incisor enamel in enamel matrix protein-deficient mice expressing the hypoplastic AI phenotype.
- Determine if the Bmp2 gene is required for development of acellular extrinsic fiber cementum (AEFC) from α SMA+ cells and attachment of PDL and AEFC.

Schedule of Events

Saturday, Oct. 27, 2018

Pan Pacific Session: Tissue Management*

8 a.m. - noon

Noon - 1 p.m. Luncheon (invitation only)

The Pan Pacific Session is a session organized by the Japanese Academy of Clinical Periodontology (JACP) and the Taiwan Academy of Periodontology (TAP). The main theme of the 6th Pan Pacific Session will focus on "Tissue Management." The session will feature a broad range of leading speakers representing the AAP and the periodontal academies of Japan, Taiwan, and Korea. Lectures will be clinical presentations and reflect recent developments for hard and soft tissue management around dental implants and natural teeth.

Moderators: Masahiko Nikaido and Yueh-Chao Yang

Speakers:

Kei Amemiya (JACP) - *A Novel Crestal Approach Technique for Less Invasive Sinus Elevation Procedure*

Yasuhiro Takai (JACP) - *A Novel Concept of Immediate Implant Placement to Preserve Buccal Bone for Successful Long-Term Outcomes*

Yoon Euy Hong (KSP) - *Periodontal Plastic Surgery to Enhance Function and Esthetics*

Kitetsu Shin (JSP) - *Application of Enamel Matrix Derivative to Subepithelial Connective Tissue Graft for Improvement of Gingival Recession*

Tony Shing-Zeng Dung (TAP) - *Immediate Implant Placement at Molar Extraction Sites: Taiwan Aspects*

Li-Ching Chang (TAP) - *Flapless Ridge Preservation for Dental Implant Site Development*

Terrence Griffin (AAP) - *Changing the Patient's Biotype*

JACP - Japanese Academy of Clinical Periodontology

KSP - Korean Society of Periodontists

JSP - Japanese Society of Periodontology

TAP - Taiwan Academy of Periodontology

AAP - American Academy of Periodontology

Thanks to J. Morita for sponsoring this session.

*Continuing education (CE) credit is not designated for this session.

SS1: Moderate Sedation and Emergency Medicine for Periodontists



8 a.m. - noon

Sedation and Anxiety Management

Moderator: Thiago Morelli

Speaker: Joseph A. Giovannitti, Jr.

Space is limited; attendance is on a first-come, first-served basis.

Periodontal training programs must now train residents for competency in moderate sedation techniques, and in 2016 the ADA revised their teaching and user guidelines for dentistry. This has prompted curricular changes that need to be implemented across programs. This lecture-based presentation will review the new ADA guidelines and discuss a curricular prototype for moderate sedation. In addition, emphasis will be placed on proper preanesthetic evaluation, the current state of moderate sedation in clinical practice, respiratory monitoring and airway management, and perioperative emergency management.

Educational Objectives:

- Develop a curriculum model for the training of periodontal residents in moderate sedation.
- Perform a comprehensive preanesthetic evaluation.
- Apply pharmacological and sedation principles and protocols to clinical practice.
- Monitor respiratory status during sedation and manage obtunded airways.
- Identify and treat common anesthetic-related emergencies.





Saturday, Oct. 27, 2018

EV1: The Periodontist in Turbulent Times: Systems to Stay Relevant



8 a.m. - noon

Leadership, Personal, and Practice Development

Moderator: Jennifer Hirsch Doobrow

Speakers: Jeffrey V. Anzalone and Peter C. Fritz

Cost: Complimentary with full attendee registration; limited attendance. Ticket valid for initial 15 minutes of the course based on the start time indicated above. Failure to arrive within that timeframe will result in invalidation of ticket. AAP reserves the right to request proof of session registration.

External forces are causing the periodontal specialty to undergo an unscheduled transformation. As much as we would like to recapture how it once was, that ship has sailed. If the goal is to keep periodontal specialists relevant in the dental landscape of tomorrow, we must apply a different focus to remain important and purposeful in the eyes of our patients and collaborative partners.

All firms share a common framework for defining their existence. First, all firms need an inventory of supplies or customers. Secondly, they need an operational system

that is efficient and unobstructed and yields a desired product or service. Most lectures at periodontal meetings focus on the finished service, but very few provide an analysis of how to cultivate the inventory or optimize the throughput for the patient. Using the process of ongoing improvement and challenging the theory of constraints in the periodontal practice, this session dives deep into the two elements that are a constant challenge for periodontal practices, yet are virtually ignored at scientific meetings: patient management and throughput.

Educational Objectives:

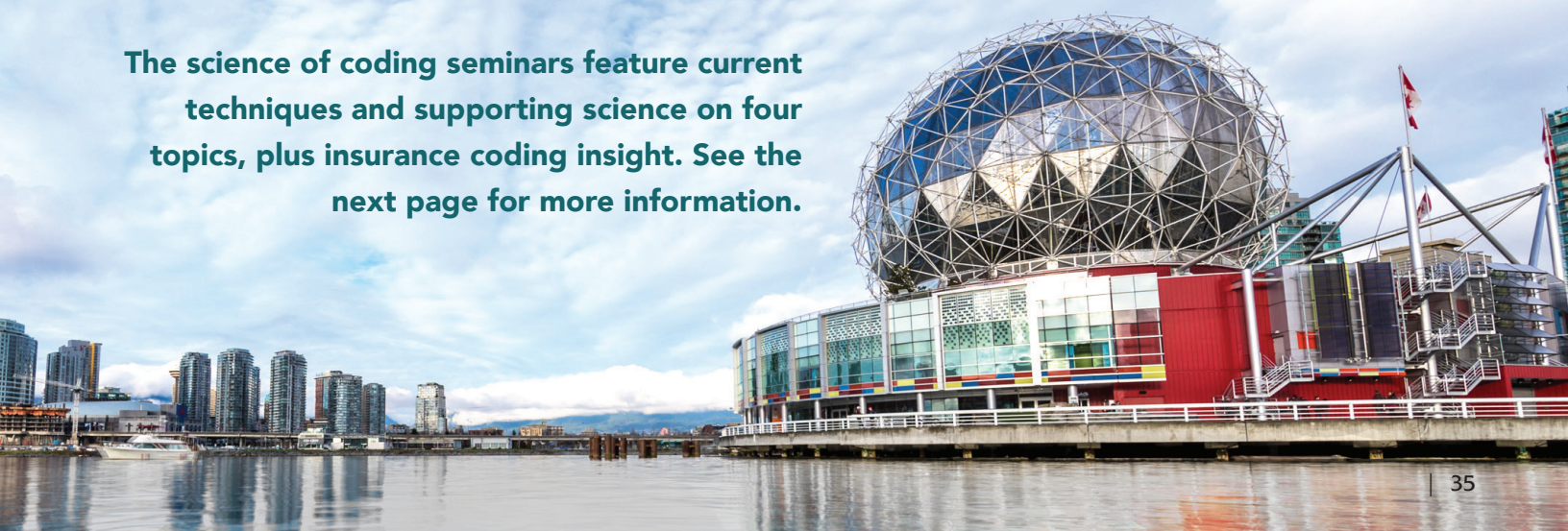
- Define your "why" and position your enterprise to stay relevant.
- Identify strategies to please patients and referrals in 2018.
- Recognize elements of employee engagement such as pricing and incentives and strategic scheduling, fundamental to efficient and economically responsible operations.
- Describe the specialist's dashboard: What are the key three-five metrics you must keep track of every day?

Saturday Insurance Workshop Series

Save \$45 and earn more CE by registering for all four Saturday insurance workshops!

Cost: \$80 per workshop, or all four workshops for \$275

The science of coding seminars feature current techniques and supporting science on four topics, plus insurance coding insight. See the next page for more information.



Schedule of Events

Saturday, Oct. 27, 2018

IW2: Insurance Workshop: The Science of Coding



8 a.m. - 4 p.m.

Moderator: Marie C. Schweinebraten (AAP insurance consultant)

Cost: \$80 per seminar, or all four seminars for \$275; limited attendance.

A track of 90-minute seminars will feature speakers presenting an overview of current techniques and supporting science on various topics, followed by input from Marie Schweinebraten, American Academy of Periodontology insurance consultant, on applicable coding and insurance claim issues. A 15-minute Q&A session will conclude each seminar. While all ticketed meeting registrants are welcome to attend, these sessions are intended for periodontists.

IW2A: Non-Surgical Periodontal Therapy



8 - 9:30 a.m.

Treatment of Periodontal Diseases and Peri-Implant Diseases

Speaker: Samuel B. Low

Educational Objectives:

- Review current treatment planning for initial therapy.
- Discuss current approaches to scaling and root planing.
- Review adjunctive procedures with scaling and root planing.
- Learn appropriate coding and third-party requirements for reimbursement.

IW2B: Bone Grafting for Edentulous Areas



10 - 11:30 a.m.

Tissue Engineering and Hard Tissue Reconstruction

Speaker: David L. Cochran

Educational Objectives:

- Evaluate extraction sites for regeneration.
- Review the availability of various bone graft materials and their characteristics.
- Discuss technique for regeneration in extraction site.
- Learn appropriate coding for extraction sites vs. implant and edentulous areas.

IW2C: Full-Arch Immediate Implant Treatment



12:30 - 2 p.m.

Implant Surgery and Prosthetic Rehabilitation

Speaker: Jeffrey S. Sherry

Educational Objectives:

- Discuss appropriateness and considerations for full-arch implant treatment.
- Demonstrate treatment planning requirements for optimal care.
- Review surgical technique.
- Learn appropriate coding for procedures involved in full-arch implant treatment.

IW2D: Anesthesia



2:30 - 4 p.m.

Sedation and Anxiety Management

Speaker: Tyler D. Borg

Educational Objectives:

- Explain different anesthesia levels.
- Review current anesthesia techniques and their appropriate applicability.
- Learn expected documentation with anesthesia.
- Acquire appropriate coding for anesthesia.

IW1: Insurance Workshop: Medical Coding



9 a.m. - noon

Leadership, Personal, and Practice Development

Speaker: Pam Throw (AAP staff)

Cost: \$250; limited attendance; continental breakfast included.

This session will focus on submission of dental procedures to medical insurance. There will be an overview of CPT (medical procedure codes) and ICD-10-CM (diagnosis codes), particularly as they relate to periodontal procedures submitted to medical insurance. Attendees will receive a handout of the presentation.

Educational Objectives:

- Grasp the basic structure of medical coding, and recognize appropriate indications for submitting to medical insurance.
- Implement new ICD-10-CM diagnosis codes into medical insurance.
- Review the CMS-1500 medical claim form.



Saturday, Oct. 27, 2018

HW1: Vertical Ridge Augmentation (Hands-On Workshop)



8 a.m. - 5 p.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderator: Jill Bashutski

Speaker: Istvan Urban

Cost: \$1,500; limited attendance; lunch included.

Vertical augmentation presents one of the greatest challenges of bone regeneration in implant dentistry. Reconstruction of the anterior maxilla, as well as the posterior areas, will be discussed in detail. Review of the surgical anatomy of the floor of the mouth, in addition to lingual flap management during posterior mandibular surgery, will be presented. Diagnosis and management of post-operative complications will also be addressed. During this session, several high-definition surgical videos will support the understanding of these demanding surgical procedures.

Educational Objectives:

- Apply indications, patient selection, and treatment alternatives for vertical augmentation.
- Identify a comprehensive approach for the anterior maxillary vertical defect.
- Review the surgical anatomy of the floor of the mouth and the successful surgical technique of the posterior mandible.

HW2: CBCT-Based Guided Treatment Planning and Advanced Surgical Therapies: A Two-Part Hands-On Workshop (Hands-On Workshop)



8 a.m. - 5 p.m.

Emerging Concepts and Innovative Therapies

Moderator: Ashley Hoders

Speaker: George A. Mandelaris

Cost: \$1,400; limited attendance; lunch included.

Prerequisite: Previous experience with dental implant surgery.

Part 1 (lecture/video): Surgically Facilitated Orthodontic Therapy (SFOT): An Interdisciplinary Approach

Patients that want more ideal facial esthetics and function may choose to have the interdisciplinary team utilize SFOT to alter the dentoalveolar bone, and optimally position the roots of the teeth for the patient's face. Space may be appropriated to enable the restorative dentist to create natural tooth dimensions and morphology in the worn, eroded, or otherwise altered dentition. Surgical, orthodontic, and restorative perspectives will be presented

to challenge the team to move beyond traditional interdisciplinary therapies into a new frontier for enhanced outcomes.

Educational Objectives:

- Appreciate dentoalveolar bone phenotypes and to limit associated risks using SFOT.
- Review diagnostic findings and imaging modalities critical to treatment planning of the interdisciplinary patient.
- Present the biology, risks/benefits, and execution of SFOT in advanced interdisciplinary cases from a surgical, orthodontic, and restorative perspective.
- Discuss SFOT to optimize the position of teeth for facial esthetics and function in the skeletally-mature patient with "grey zone" malocclusions.

Part 2 (lecture/video/hands-on): Dynamic Surgical Navigation for Dental Implant Surgery

Dynamic navigation technology is the next leap forward in the field of computer-guided implantology and is similar to that used by neurosurgeons to target brain tumors. This progressive technology is the only modality to allow for real-time verification and validation of positional accuracy. Take the next leap forward in your practice to see first-hand, how computer-aided surgical navigation is the future for prosthetically driven implant therapy via dynamic surgical navigation.

Educational Objectives:

- Discover how to complete a "trace and place" stentless registration.
- Grasp the digital workflow and the execution of navigation surgery.
- List the advantages of dynamic surgical navigation over free hand or static guides.
- Review accuracy checks and instrument calibration.
- Discuss how to incorporate dynamic surgical navigation into your practice.



Schedule of Events

Saturday, Oct. 27, 2018

HW3: Full-Arch Immediate Load Conversion Prosthesis (Hands-On Workshop)



8 a.m. - 5 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: Liliana Aranguren

Speakers: Edmond Bedrossian and George V. Duello

Cost: \$1,200; limited attendance; lunch included.

Extractions, immediate loading, and varying full-arch prosthetic designs supported by four implants—all these variables of a graft-less approach with tilted implants introduced new considerations to implant placement. This hands-on program will address how these factors influence the surgical approach and will provide participants with the opportunity to practice these concepts under the guidance of experts in the full-arch immediate load temporary prosthesis.

Providing a provisional restoration at the time of implant placement is a major patient motivator. This process begins with the planning requirements for the restorative design in the diagnosis phase. This session will take the participant through the important planning considerations and how they correlate to the delivery of the provisional restoration. Then with models, participants will practice the denture conversion process to produce a screw-retained provisional restoration. This session is ideal for the periodontist, referred doctors, and lab techs.

Educational Objectives:

- Consider the pre-surgical and diagnostic procedures for a full-arch implant supported prosthesis.
- Gain the opportunity to learn how to convert a removable prosthesis to a fixed temporary.
- Grasp how to use the conversion prosthesis for the final prosthetic solutions for the patient and lab.

HW4: Treating Implant Complications (Hands-On Workshop)



8 a.m. - 5 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: Sanda Moldovan

Speakers: Scott Froum and Chris Salierno

Cost: \$1,400; limited attendance; lunch included.

The advent of dental implants to replace hopeless or missing teeth has been a financial boon for dental offices. Most specialty offices and over 55% of general dental offices are placing and restoring dental implants. Unfortunately, proportional to the increase in dental implants being placed, will be the percentage of implant complications that need to be corrected. This entire day course will be taught in combination by a periodontist, restorative dentist, certified lab technician, and dental office manager.

A review of the etiology and diagnosis of implant complications will be presented. ADA dental codes will be discussed as well as letters of explanation representing various complication treatments. Hands-on models will be used to teach attendees how to correct various surgical and prosthetic implant complications, such as prosthetic misfit, poor embrasure form leading to food traps, prosthetic screw fracture, implant fracture, and peri-implantitis induced soft and hard tissue loss. Periodontists who understand surgical and prosthetic complications can better serve their patients and communicate with their restorative team members.

Educational Objectives:

- Highlight the etiology and diagnosis of various implant complications.
- Discuss and practice current techniques designed to treat peri-implantitis.
- Discuss and practice various methods of correcting prosthetic complications.
- Become familiar with the ADA codes needed to submit for various complications.
- Provide the decision matrix and methods for removing large prosthetic superstructures during maintenance.





Saturday, Oct. 27, 2018

EV3: Dental Hygiene Symposium



8 a.m. - 5 p.m.

Provided in collaboration with the:
American Dental Hygienists Association (ADHA) and the
Canadian Dental Hygienists Association (CDHA).

Moderator: Mia L. Geisinger

Speakers: Nancy Adair, Mia L. Geisinger, Kenneth S. Kornman, and Brian L. Mealey

Cost: \$149 per person; limited attendance

This full-day program offers three robust sessions:

Session 1: *Common Health Problems and Oral-Systemic Interactions*

Session 2: *Incorporating the New Periodontitis Classification into Practice*

Session 3: *Get Off the Three-Month Merry-Go-Round!*

In Session 1, Drs. Brian L. Mealey and Mia L. Geisinger will focus on common health problems and their interactions with periodontal health. Understanding perio-systemic interactions will help all practitioners better address patients' overall healthcare and enhance the hygienist's participation as a vital member of the interdisciplinary team.

Session 2, led by *Journal of Periodontology* Editor-in-Chief Dr. Kenneth S. Kornman, will introduce hygienists to the 2018 Classification of Periodontal and Peri-Implant Diseases. This new classification presents the concepts of staging and grading to classify each patient by complexity of case management, likelihood of less predictable response to therapy, and potential for periodontitis to influence systemic health.

Thanks to Crest+Oral-B for sponsoring this session.

Session 3 will feature registered dental hygienist Nancy Adair who will address the question: How long do patients remain on a three-month "merry-go-round" before they receive alternate dental treatment? The oral-systemic correlation has created the need for a "new standard of care," conservatively and surgically, in the field of periodontics. This lecture will highlight the enormous benefits of interdisciplinary treatment with periodontics at the core of the dental disciplines.

Educational Objectives:

- Explain the underlying mechanisms linking periodontal inflammation and many common systemic health conditions.
- Identify patients who may benefit from adjunctive strategies of disease management and overall health surveillance based upon their health conditions.
- Grasp the new staging/grading system for periodontal disease and how it will benefit patient care and management.
- Recognize how the concepts of personalized medicine can be applied to periodontal diagnosis and treatment.

- Appreciate the intricacies in diagnosing, treatment planning, and executing appropriate and necessary periodontal therapies.
- Realize the enormous benefits of interdisciplinary treatment with periodontology as the core of dental disciplines.

Thanks to Crest+Oral-B, Dentsply Sirona Preventive, OraPharma, and Philips for sponsoring the Dental Hygiene Symposium.

EV5: Predoctoral Directors Business Meeting



8:30 - 10 a.m.

This complimentary program is for predoctoral program directors only.

ABP2: American Board Review Part 2

1 - 4 p.m.

Leadership, Personal, and Practice Development

Moderator: Kent G. Palcanis

Speakers: Ramzi V. Abou-Arraj and Jennifer Bain

The main focus of this session is to shed light on what to expect—and how to approach—the oral portion of the American Board exam. The speakers will share personal experiences and provide guidance in approaching the examination. All areas of testing and exam mechanics will be presented and discussed.

Educational Objectives:

- Examine resources available to prepare for the oral exam.
- Assess methods on how to use clinical judgment to evaluate Board case protocols.
- Learn how to deal with the various pressures in the certification process.

Balint Orban Memorial Program



1 - 4:30 p.m.

Moderator: Yvonne L. Kapila

The Balint Orban Memorial Program provides a platform for clinical or basic research to be presented by current periodontal residents or students who completed their training no more than 18 months prior to the Annual Meeting. Abstracts can be viewed at perio.org/meetings/abstract-submissions starting in September 2018.

Educational Objectives:

- Gain knowledge of advancements in a variety of topics in basic periodontal science and clinical periodontics.
- Consider a new concept or technique to use in practice or consider for future research.

Schedule of Events

Saturday, Oct. 27, 2018

SS2: Pain Management: A Spectrum of Care



1 - 5 p.m.

Sedation and Anxiety Management

Moderator: David H. Yu

Speaker: Michael S. Higgins

Space is limited; attendance is on a first-come, first-served basis.

This lecture-based presentation will consist of a comprehensive review of pain management options. A well-implemented systematic approach to patient comfort impacts many aspects of successful patient care with improved:

- Patient acceptance based upon the anticipated surgical experience.
- Patient follow through of staged procedures.
- Surgical team stress and performance.
- Surgical outcomes.
- Healing and infection rates.
- Positive patient experiences.

Thorough consideration of both the physical and emotional aspects of patient comfort during the pre-, peri-, and post-operative period is crucial for a positive surgical experience. Thoughtful management of the pain control tools available includes the proper selection and application of sedatives/anxiolytics, local anesthetics, and post-operative analgesia regimens.

Educational Objectives:

- Identify various options for pain and anxiety management.

- Consider pharmacology and use of local anesthetics including enhancement additives.
- Implement patient evaluation and selection criteria for basic and advanced pain management procedures.
- Review pharmacologic considerations for anxiolytic, sedative, and general anesthetic agents.
- Adopt criteria for selection and application of appropriate sedation or general anesthetic techniques.
- Manage post-operative discomfort including concepts of multi-modal analgesia.
- Evaluate obstructive sleep apnea and its influence on pain management strategies.

Awards Ceremony

5:30 - 7 p.m.

Celebrate the recipients of the 2018 AAP and AAP Foundation Awards in a newly extended joint event.

AAP Foundation Donor Appreciation Event (Invitation Only)

7 - 8:30 p.m.

Join fellow supporters of the AAP Foundation for cocktails, hors d'oeuvres, and the opportunity to hear about the return on your investment from the award recipients themselves. Learn about advances that have been made possible through your generosity, meet the people whose lives you have touched, and celebrate another successful year for the AAP Foundation.

Don't Miss the Opening General Session

With Keynote Speaker Captain Mark Kelly *Endeavor to Succeed*

Featuring a presidential address by Dr. Steven Daniel



NASA space mission commander and American hero Captain Mark Kelly demonstrates how focus, dedication, and persistence can help you tap into your potential to succeed in any competitive setting.

With an extraordinary career of service to our military, our nation, and humanity, Kelly has secured his place in history as a role model, modern-day pioneer, and leader of distinction. Together with his identical twin brother, Scott, he has laid the groundwork for the future of space exploration as the subjects of an unprecedented NASA study on how space affects the human body. Currently, Kelly is on the Commercial Crew Safety Board at Space X—and is the only person at Space X who has commanded a space mission—and is co-founder of World View, a full-service commercial space launch provider.

Kelly captivates audiences with lessons learned from his extensive travels and experiences in the Navy, outer space, and on the ground. From leading teams in some of the most dynamic environments imaginable, to the thrill of spaceflight, and the recovery and resilience of his wife Gabrielle Giffords, he reveals the foundations for success so you can accomplish your mission in life and work.

Sunday, Oct. 28
8-10 a.m.

Thanks to Philips for sponsoring this general session.



Sunday, Oct. 28, 2018

Registration

7 a.m. - 5 p.m.

AAP Foundation Booth and Silent Auction

7 a.m. - 5 p.m.

GS1: Opening General Session: Endeavor to Succeed

8 - 10 a.m.

Leadership, Personal, and Practice Development

Moderator: E. Todd Scheyer

Speaker: Captain Mark Kelly

Captain Mark Kelly's lecture includes lessons learned about communication, leadership, and decision making from a career as a pilot and astronaut. He shares valuable insights into how to manage risk from many years working in a dynamic, challenging, and high-risk environment. This lecture presents a thoughtful case for challenging conventional wisdom and how teams of individuals can better make logical and smart decisions.

Educational Objectives:

- Gain real-world applications to better manage risks within your careers and practices.
- Assess practical lessons learned and how they can apply to your practice, dental/office team, or an interdisciplinary group.

Thanks to Philips for sponsoring this general session.

IW3A: Insurance Workshop: Periodontal Coding Insurance Primer 101



9 a.m. - noon

Leadership, Personal, and Practice Development

Speaker: Pam Throw (AAP staff)

Cost: \$250 per person, or Insurance Primer 101 and 201 together for \$450; limited attendance; continental breakfast included.

Insurance Primer 101 will educate attendees about dental coding relevant to a periodontal practice. Content is intended for staff new to coding and/or reimbursement for periodontal procedures. This course will identify the typical procedure codes submitted in conjunction with treatment provided by the periodontist. Participants will receive a handout of information to be covered in the presentation.

Educational Objectives:

- Apply American Dental Association (ADA) CDT 2018 and new 2019 codes appropriately for dental insurance submission and reimbursement.
- Learn what procedure codes need documentation and attachments when submitting to insurance.
- Identify the different types of dental insurance to increase effective patient communication.

Coffee Break in the Exhibit Hall

10 - 10:45 a.m.

Exhibition

10 a.m. - 6:30 p.m.

Member Resource Center and International Lounge

10 a.m. - 6:30 p.m.

Visit the Member Resource Center (MRC), booth #927, in the Exhibit Hall to:

- Have your membership questions answered by AAP staff.
- Join the AAP.
- Purchase AAP scrubs or other AAP-branded merchandise, new educational brochures, and Love The Gums You're With merchandise in the Perio Store.
- Enter a drawing for a chance to win \$150 in free AAP merchandise!
- Mingle with other International members in the International Lounge.
- Visit with representatives from AAP Practice Management Resource Programs Treloar & Heisel, Inc. and MedPro.
- Take a professional headshot for your AAP Connect profile and practice website. A hair and makeup artist will be available for a brief touch-up prior to taking your photo.
- New this year, stop by and say hello to AAP Perio Perks partners throughout the Exhibit Hall.

JACP/JSP Poster Session

10 a.m. - 6:30 p.m.

Schedule of Events

Sunday, Oct. 28, 2018

Research Forum Poster Session and Competition

10 a.m. - 6:30 p.m.

Poster Presentation and Finalist Judging

10 a.m. - noon

The Research Forum Poster Session provides a platform for clinical research, basic research, and case reports to be presented by those in the field of periodontics. Research abstracts were submitted to the AAP's Research Submissions Committee, who selected the poster presenters and finalists. At 10 a.m., poster session finalists will present their research, with a cash prize being awarded to one poster in clinical research and another in basic research. In addition, one presenter will be awarded the Clinical Impact Award, whose research has the greatest potential for changing and improving periodontal health and patient care.

EV11: Postdoctoral Directors Business Meeting

10:30 a.m. - noon

This complimentary program is for postdoctoral program directors only.

Thanks to Colgate for sponsoring this meeting.



IP1: Innovations in Periodontics Session 1

10:45 a.m. - 12:15 p.m.

Emerging Concepts and Innovative Therapies

Moderator: David M. Kim

Speakers:

Yvonne L. Kapila - *Natural Bacteriocins as Pre/Pro-Biotics to Promote Oral Health and Prevent Periodontal Disease (2017 SUNSTAR Innovation Grant Winner)*

Kenneth Abe - *Restoratively Driven Ridge Development 3-D Printing in Guided Ridge Augmentation*

Sangeeta Singh - *Periodontally Accelerated Osteogenic Orthodontics: An Interdisciplinary Approach to Adult Orthodontics*

Masahide Takedachi - *Stem Cell Therapy for Periodontal Regeneration*

This session will address innovations and advances in clinical periodontics, basic science, or related subjects. Each speaker will give a 15-minute presentation on a specific topic, followed by a five-minute question-and-answer period. Speakers are selected by a blind review of abstracts submitted to the Academy.

Educational Objectives:

- Gain knowledge of innovations and advances in clinical periodontics, basic science, or related subjects.
- Explain a new concept, technique, or product use to take back your practice.

IP2: Innovations in Periodontics Session 2

10:45 a.m. - 12:15 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderators: Caitlin Darcey and Takumi Umemura

Speakers:

Patrick V. Nicosia - *Case Study Live Time Computer Navigated Esthetic Zone Implant Surgery*

Wilhelm Bellaiza-Cantillo - *3-D Soft Tissue Augmentation for Immediate Loading in Post-extraction Implants*

Hanae Saito - *Immediate Implant Placement and Provisionalization: Impact of Platform Switching*

Kiyonobu Saburi - *New Approaches in Interdisciplinary Dentofacial Therapy: Bony Architecture Correction*

This session will address innovations and advances in clinical periodontics, basic science, or related subjects. Each speaker will give a 15-minute presentation on a specific topic, followed by a five-minute question-and-answer period. Speakers are selected by a blind review of abstracts submitted to the Academy.

Educational Objectives:

- Gain knowledge of innovations and advances in clinical periodontics, basic science, or related subjects.
- Explain a new concept, technique, or product use to take back your practice.

FCE1: Something Old, Something New, Avoiding the Things that Will Make You Blue: Periodontics for 2019

10:45 a.m. - 12:15 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: Barry D. Wagenberg

Speakers: Burton Langer and Lauren Langer

This presentation will be given by two clinicians who have practiced together for the past 33 years. They will present the developments in dentistry that have changed their treatment planning strategies and outline the surgical execution of a variety of procedures. They have documented what works predictably, what works occasionally, and what can complicate your life. They will



Sunday, Oct. 28, 2018

address the current priorities patients have for seeking treatment and the transformation in the character of periodontal disease that has occurred in the past twenty years. They will discuss how these changes have affected what we are requested to treat as periodontists today and into the future. Special emphasis will be directed to simplified regenerative techniques, immediate implant placement, and the elderly population who already have some implants and whose dentitions have been further compromised due to advancing age or disease related factors. Long-term statistics of their implant experience, bone regeneration, and soft tissue therapy will be illustrated.

Educational Objectives:

- Describe the ingredients for predictable bone regeneration aimed at long-term results.
- Recognize different types of recession defects and learn to utilize a variety of techniques to achieve the optimal result in different locations.
- Identify the elements necessary for desirable esthetics around implants.

FCE2: Utilizing Facilitated Orthodontics to Enhance Tooth Replacement and Dento-Facial Harmony

10:45 a.m. - 12:15 p.m.

Interdisciplinary Therapy

Moderators: Tomoko Takeda and Saynur Vardar-Sengul
Speakers: Rebecca Bockow, Marianna Evans, and Satoru Urano

The relationship among pathologic breathing, facial skeletal hypoplasia, and alveolar bone deficiencies eventually lead to functional and esthetic dento-facial problems. Perio-Ortho solutions together may facilitate the process to create harmony in achieving function and esthetic long term by enhancing and facilitating tooth movement process. This concept can be used bi-directionally to increase periodontal health as well as orthodontic tooth movement.

Educational Objectives:

- Learn the concept of guided facial growth as the key to optimal airway and periodontal and occlusal health.
- Explain the skeletal growth and development as diagnostic and treatment planning tools in interdisciplinary care.
- Describe how alveolar bone decortications and periodontal regenerative procedures can allow for wider range of tooth movements, thereby preventing alveolar bone deficiencies.

FCE3: Treatment of Peri-Implantitis



10:45 a.m. - 12:15 p.m.

Treatment of Periodontal Diseases and Peri-Implant Diseases

Moderators: Bill Akin and Yorimasa Ogata

Speakers: Paul Fletcher and Ryuboku Torikata

This presentation will offer an evidence protocol for the treatment of peri-implantitis. A novel flapless, minimally-invasive surgical protocol utilizing sterile saline and antiseptics will be demonstrated. Human histologic evidence of re-osseous-integration will be presented.

With the goal of debridement, sterilization, and LPS detoxification of the implant, the laser method utilizes water micro-explosions to obtain re-osseointegration with no damage to the implant surface.

Educational Objectives:

- Explain the rationale to be able to institute an evidence base in office and at home treatment regimen for the management of mucositis.
- Comprehend how to perform flapless, minimally-invasive surgical technique to achieve intrabony bone fill and reduce pocketing around a peri-implantitis affected implant.
- Observe clinical examples of a regenerative open flap surgical procedure, using sterile saline and antiseptics for surface decontamination, where re-osseointegration has been achieved and confirmed by human histology.
- Discuss the biologic requirements for re-osseointegration in the treatment of peri-implantitis.
- List the advantages, indications, and limitations of applying different types of lasers, saline solution, and other chemicals in the decontamination of dental implant surfaces.
- Review scientific evidence supporting various implant surface decontamination protocols and clinical results.



Schedule of Events

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FCE4: Contemporary Materials and Techniques for Edentulous Ridge Augmentation



10:45 a.m. - 12:15 p.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderators: Paulo M. Camargo and Hiroyasu Shimizu
Speakers: Bradley McAllister and Yasuko Nemoto

Augmentation of the alveolar bone is often necessary to prepare a site for implant placement. There are several modalities of osteo-conductive materials and techniques for edentulous ridge augmentation, including various types of bone grafts and different membranes for guided tissue regeneration. More recent developments added the possibility to incorporate osteo-inductive proteins and cell preparations to the surgical sites. Each one of these materials and techniques can be used alone or in combination with others, and has its own properties, handling characteristics, and specific indications.

This presentation will focus on examining the mechanisms of action and clinical indications for the use of materials intended to be used in the augmentation of the edentulous alveolar ridge, and provide details about the surgical execution of such procedures in order to increase success and predictability. The presentation will be rich in clinical cases and supported by scientific evidence.

Educational Objectives:

- Grasp the principles of action of bone grafts, membranes for guided-bone regeneration, and biological modifiers in the context of new bone formation.
- Identify the indications of the various modalities of hard tissue regeneration materials and techniques.
- Discuss surgical details related to the use of bone grafts, guided-bone regeneration, and biological agents as to maximize outcomes and prevent complications.
- Provide scientific evidence to support the use of regenerative surgical materials and techniques in selecting specific cases for treatment.

FCE5: To Kill or Not to Kill the Biofilm: The Art of Medicine in Periodontal Therapy



10:45 a.m. - 12:15 p.m.

Periodontal and Systemic Interrelationships

Moderator: Michael S. Reddy

Speakers: Nicolaas Geurs and Purnima Kumar

Antibiotics and antimicrobials are widely used in periodontal therapy. Although benefits of antibacterial therapy are well documented, concerns about the changes in the biofilm are a concern. The emergence and spread of antibiotic resistance among bacterial pathogens has become a major threat to public health. Emerging science offers alternatives to killing bacteria. Biofilm inhibition extends the effect from mechanical removal of the plaque. Inflammation regulation mitigates the detrimental effects. This course will guide the practitioner in the selection of the right medicine for each individual patient to optimization of periodontal therapy and minimize complications.

Educational Objectives:

- Distinguish your practice with mindful holistic medicine.
- Translate biofilm science into practical solutions for your patients.
- Utilize inflammation regulation in routine maintenance.

FCE6: The Full-Arch Implant Supported Restoration: What a Periodontist Should Know



10:45 a.m. - 12:15 p.m.

Emerging Concepts and Innovative Therapies

Moderator: Thiago Morelli

Speaker: Ricardo Mitrani

The patient population requiring full-arch implant supported restorations is staggering in this day and age. The reality is that there is so much to consider when choosing between the different implant solutions available that there are common communication gaps between the treating team. This may frequently lead the treating teams to utilize a "one-size-fits-all" approach, that in many instances, does not fit all.

The need for decision trees/treatment planning algorithms that involve all pertinent aspects is fundamental in order to choose the most suitable solution for a given patient.

Educational Objectives:

- Describe what treatment options are available for patients with terminal dentition or those who are already edentulous.
- Learn a linear process to formulate the ideal treatment plan based on the patient's condition, desire, and finances.
- Optimize communication between the treating team: restorative dentist, surgeon, and technician.



Sunday, Oct. 28, 2018

Lunch Service in the Exhibit Hall

11 a.m. - 3 p.m.

Professional registrants will receive complimentary grab-and-go lunch tickets with their registration materials that may be redeemed in the Exhibit Hall on Sunday, Monday, and Tuesday. Each daily voucher is valid for one grab-and-go lunch with three options to choose from. The grab-and-go lunch will include one bottle of water per person. Meals for spouses, guests, and exhibitors may be purchased at the Bistro in the Exhibit Hall as well as additional beverages.

EV6: Pearls and Pitfalls: Navigating Periodontal Practice*



12:30 - 3 p.m.

Moderator: Jennifer Hirsch Doobrow

Speakers: Liliana Aranguren, Eric Blasingame, Jonathan H. Do, David Lipton, and Trung Tran

Cost: Complimentary to AAP Student members and new periodontists who have graduated within the past two years.

Join your colleagues and friends for this exclusive opportunity to learn, grow professionally, ask questions, and network with your peers. This year's "Pearls and Pitfalls: Navigating Periodontal Practice" session will include breakout sessions on the following topics:

- Running a periodontal practice: Practice management (staffing, billing, inventory, scheduling); practice marketing; networking/referral building.
- Understanding different types of periodontal practice: Private practice; group practice; DSO.
- Protecting your practice: Insurance needs; legal advice.
- Complementing periodontal practice: Part-time education opportunities; lecturing; research; organized dentistry.

To ensure interactivity and engagement, the event format will be comprised of breakout sessions and a moderated question-and-answer session. Lunch is included.

**Continuing Education (CE) credit is not designated for this session.*

Thanks to Colgate and Straumann for sponsoring this event.

District Forums

12:45 - 2:15 p.m.

The District Forums provide an opportunity for Academy members to meet with their District Trustees regarding AAP initiatives and issues being addressed by the Board of Trustees. An agenda of forum topics will be available prior to the Annual Meeting.

IW3B: Insurance Workshop: Periodontal Coding Insurance Primer 201



1 - 4 p.m.

Leadership, Personal, and Practice Development

Speakers: Robert Lewando, Marie C. Schweinebraten (AAP insurance consultant), and Pam Throw (AAP staff)

Cost: \$250 per person, or Insurance Primer 101 and 201 together for \$450; limited attendance; coffee break included.

The content in this session is intended for office staff who have a fundamental understanding of coding for periodontal procedures. This session will review explanation of benefits of claims and why—or why not—a claim may have been paid. Participants will receive a handout outlining information to be covered in the presentation.

Educational Objectives:

- Explain what is needed to effectively submit to a dental insurance carrier.
- Comprehend the guidelines implemented by insurance plans for reimbursement.
- Troubleshoot administrative challenges related to reimbursement.
- Review the 2019 American Dental Association CDT code updates.

Periodontal Career Fair



1 - 3 p.m. and 4:30 - 6:30 p.m.

Are you a new practitioner or recent graduate looking for that perfect job, or a periodontist looking for that distinct individual as a partner or associate to match your office needs? If so, the Periodontal Career Fair is the place to be! It is a great opportunity for employers and recent graduates to meet, network, and get the leads you have been looking for. It only takes a moment to make the connection that could lead to the career of your lifetime. See page 32 for more information.

Schedule of Events

Sunday, Oct. 28, 2018

CE1: Predictable Vertical Ridge Augmentation



2:30 - 5 p.m.

Pt Tissue Engineering and Hard Tissue Reconstruction

Moderator: Phillip L. Fava, II

Speakers: Marco Ronda and Istvan Urban

Safety and predictability are the two most important factors of any clinical procedure. This presentation will focus on the surgical techniques that can increase the safety and predictability of vertical and horizontal ridge reconstruction and reduce complications. Anatomic and patient specific determinants will be presented that can help guide clinical decisions regarding incisions, flap management, biomaterials, and suturing. The modified lingual flap, developed on the basis of the unique anatomy of the floor of the mouth, will be introduced as a potential improvement to conventional flap techniques in the treatment of both anterior and posterior mandibular defects. Various flap passivation techniques will be presented. A minimally-invasive "bladeless" buccal flap advancement technique will also be described for the treatment of traumatic defects of the anterior maxilla. In addition, clinical management of complications will be presented.

Educational Objectives:

- Explain the surgical principles of vertical and horizontal ridge reconstruction, including restoration of the vestibule and mucogingival junction.
- Evaluate the modified lingual flap and other flap passivation techniques used for mandibular ridge reconstruction.
- Gain familiarity with the minimally-invasive "bladeless" buccal flap advancement technique.
- Learn the surgical techniques to improve predictability and avoid complications.
- Identify how to manage complications during ridge reconstruction surgery.

CE2: What is the Most Effective and Least Invasive Treatment of Maxilla with a Low Sinus?



2:30 - 5 p.m.

Pt Implant Surgery and Prosthetic Rehabilitation

Moderators: David M. Kim and Kazushi Yasumasu

Speakers: Kohei Fujimoto, Ziv Mazor, and Michael Toffler

The sinus augmentation procedure needs to be safe and efficacious to create sufficient bone quality and quantity to place dental implants and restore them to function. Although this surgical procedure for treating the atrophied posterior maxilla prior to implant placement is now considered the standard of care for surgical practice, there are several different methods to perform this procedure. This course will demonstrate time-tested surgical techniques as well as emerging surgical techniques to achieve desired outcomes.

Educational Objectives:

- Recognize advantages and limitations of traditional and emerging sinus augmentation techniques.
- Learn to integrate time-proven and emerging sinus augmentation techniques.
- Evaluate different minimally-invasive approaches for sinus augmentation.
- Describe how to manage post-operative sinus augmentation complications, including membrane perforations and failed sinus grafts.

CE3: Current Status of Using Dental Lasers for the Treatment of Periodontal and Peri-Implant Diseases



2:30 - 5 p.m.

Pt Treatment of Periodontal Diseases and Peri-Implant Diseases

Moderators: Yasushi Furuichi and Ron Nevins

Speakers: Akira Aoki, Charles M. Cobb, and Hom-Lay Wang

Dental lasers have emerged as an adjunct tool in the management of periodontal and peri-implant related diseases. This presentation highlights the differences among various lasers and presents current evidence and understanding related to dental lasers.

Topics include: the benefit of laser mediated curettage; are lasers more effective than scaling and root planing (SRP) at reducing the subgingival bacterial load; how predictable is laser mediated periodontal regeneration; and, how reliable is the body of peer reviewed evidence?



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Educational Objectives:

- Explain the protocol of applying for periodontal and peri-implant disease treatment.
- Identify the limitations of research regarding laser treatment of the periodontium.
- Review methods of treatment including irradiation parameters.

CE4: The Timing of Implant Placement

2:30 - 5 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: Barry D. Wagenberg

Speakers: Jay R. Beagle, Sascha Jovanovic, and Martin L. Kolinski

Surgical placement of implants can be performed utilizing different timing protocols. Three well-experienced clinicians take three differing approaches: Dr. Jovanovic, delayed; Dr. Beagle, early delayed; and Dr. Kolinski, immediate placements. Each clinician will describe his techniques, discuss the scientific basis for that decision, and demonstrate these procedures with clinical material. The advantages and disadvantages of each approach will be discussed including their personal success rates utilizing each protocol. Many of these clinicians have performed over 10,000 of these procedures.

Educational Objectives:

- Identify the need for minimal height and width of alveolus to accept implant placement.
- Evaluate the differences in distinct timing protocols for implant placement.
- Explain the complications that can occur and how to treat them.
- Gain a clear understanding of the techniques available for success.

CE5: Avoiding and Managing Esthetic Implant Failures



2:30 - 5 p.m.

Interdisciplinary Therapy

Moderator: J. Kobi Stern

Speakers: Steven A. Brisman, Fereidoun Daftary, David H. Wong, and Homa H. Zadeh

For the past several years, dental esthetics has become an important component that is paramount to achieving success in implant therapy. Lack of planning, inappropriate treatment choice, or poor surgical execution may often lead to poor treatment outcomes and catastrophic clinical situations. In an attempt to correct some of those compromised outcomes, removal of the implant and/or extensive augmentation procedures are often pursued, possibly leading to further scar, further compromised outcome, and in some cases, irreversible deformities. In addition, it has been reported in certain adult patients, ongoing subtle craniofacial growth will have a profound impact on both functional and esthetic outcomes of implant restorations going beyond current definitions of success. Keeping this in mind, it is important to master clinical and surgical concepts that make the foundation for successful esthetic outcome.

This lecture will outline various important factors that influence healing and outcome of implant therapy in the esthetic zone. Prosthetic and restorative management of implants, involving imperfect placements yet clinically acceptable, will be discussed. Important criteria and treatment options will also be presented to avoid and manage esthetic implant failure.

Educational Objectives:

- Identify different key factors in avoiding and managing implant failures in the esthetic zone.
- Provide successful patient communication and management styles when addressing implant-related esthetic complications.
- Discuss the long-term effects of continued craniofacial growth of adults and its potential implications.
- Discuss anterior esthetic stability of implant restorations relative to adjacent teeth and supporting periodontium.
- Examine postsurgical prosthetic options and management of patient's treatments with various clinical outcomes.

Schedule of Events

Sunday, Oct. 28, 2018

CE6: Contemporary Furcation Management



2:30 - 5 p.m.

Treatment of Periodontal Diseases and Peri-Implant Diseases

Moderator: Hsun-Liang (Albert) Chan

Speakers: Gustavo Avila-Ortiz, Steven B. Blanchard, Paul A. Fugazzotto, and Paul Ricchetti

Managing furcation defects is a major clinical challenge. Complicated anatomical structures at furcation negatively impact hygiene practice and periodontal treatment. The ability to formulate effective furcation treatment decisions is dependent upon the clinician's ability to see and coordinate the many clinical, radiographic, and social variables. The decision to save or extract teeth with furcation involvement requires understanding of the prognosis, risk factors, and limitations of various periodontal procedures. An overview of managing the extraction socket to better prepare the site for implant replacement and other prostheses will also be discussed.

Educational Objectives:

- Review the main factors affecting the development, progression, and therapeutic management of furcation defects.
- Explain the prognosis of teeth presenting furcation defects of various severity.
- Recognize different treatment options available for the management of furcation defects and their indications and limitations.
- Adopt approaches for management of the extraction socket to facilitate future replacement when faced with extraction as the best treatment option.

CE7: Hard and Soft Tissue Augmentation in Edentulous Crest Adjacent to Teeth with a Damaged Periodontium



2:30 - 5 p.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderator: Gordon L. Douglass

Speaker: Giorgio Tabanella

Trauma, periodontitis, as well as iatrogenic dentistry result in a ridge defect that precludes straightforward implant therapy. Esthetic challenges can be even more relevant when tissue reconstruction needs to be performed in areas adjacent to teeth with a reduced periodontium, since the

impaired blood flow due to the disease can reduce the biological potential for guided-bone regeneration. The key to successful implant dentistry, even in challenging clinical cases, is the clinician's ability to provide adequate volume and quality of bone and mucosa to the recipient site. This requires a precise diagnostic evaluation based on knowledge, CBCT 3-D reconstruction and surgical skills.

Educational Objectives:

- Apply periodontal principles to modern implant dentistry.
- Grasp the potential for tissue regeneration in areas adjacent to teeth with a damaged periodontium.
- Reduce the overall healing time in guided-bone regeneration and in the retreatment of failures.
- Recognize how to boost the peri-implant mucosa with a minimally-invasive approach.

Welcome Reception in the Exhibit Hall

5 - 6:30 p.m.

Join your colleagues in the Exhibit Hall and mingle with exhibitors at this global celebration of periodontics. Extended this year, this fun-filled event is an attendee favorite featuring entertainment, beverages, and hors d'oeuvres. Professional attendees will receive two drink tickets in their registration materials. The Welcome Reception is the premier opportunity for networking with fellow attendees and to show support for AAP's exhibitors.

Thanks to Straumann for sponsoring this reception.

EV8: Student and New Periodontist Member Reception



7 - 9 p.m.

The Blackbird Public House & Oyster Bar
905 Dunsmuir St.

Cost: Complimentary to AAP Student members and new periodontist members (who have graduated within the past two years); limited attendance.

Join colleagues for a night of fun while enjoying refreshments, appetizers, and networking with colleagues at this authentic English pub located in Vancouver's business district. Please contact Rose Barnstable at 312-573-3212 or rose@perio.org with questions.

Thanks to Treloar & Heisel, Inc., in partnership with MedPro, for sponsoring this event.



Monday, Oct. 29, 2018

EV12: AAP Foundation Estate Planning Breakfast for Periodontists and Spouses*



6:30 - 8 a.m.

Cost: Complimentary; limited attendance event.

Join Shawn Johnson, vice president of sales, T&H Financial Group, along with a local estate planning attorney, as they share financial and legal principles of estate planning. The information presented will be of interest to periodontists in all stages of their professional lives, as well as to their spouses.

*Continuing education (CE) credit is not designated for this session.

Thanks to Treloar & Heisel, Inc. for sponsoring this breakfast.

Registration

7 a.m. - 5 p.m.

AAP Foundation Booth and Silent Auction

7 a.m. - 5 p.m.

GS2: Team Collaboration of Periodontal, Prosthetic, and Maxillofacial Reconstruction to Optimize Implant Esthetic and Functional Results

8 - 10 a.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: Barry D. Wagenberg

Speakers: Oded Bahat, Edmond Bedrossian, and Peter S. Wöhrle

Implant reconstruction is an imperfect science that continues to evolve. The goals of these reconstructive procedures include the restoration of esthetic and function intraorally, which in turn influence the lower facial structures. The realities are that these objectives are not always achieved. The combination of intraoral reconstructive surgery, various modalities of prosthetic solutions, and maxillofacial surgery are often needed when large deformities are present. The interplay of such approaches during the planning and the active therapeutic phase will dictate the final outcome.

The vertical integration of different philosophies and specialties, which is often missing, will enhance the final outcome. In a way, the team members' tasks have certain similarities to a formula one-pit stop, where pre-assigned responsibilities are delegated to individuals in order to collectively win the race. A seamless integration of each member's responsibilities in sharing the vision of the final goal has to be practiced and rehearsed, in order to improve the final results. It requires a learning curve for each clinician and the team as a unit.

The results of these complex situations often require a conscious thinking process, which in turn is slow to master, develop, and execute, and where mistakes are commonly made. Furthermore, practicing these approaches and new techniques does not necessarily result in perfection. This lecture will present systematic and synchronized approaches for various surgical and prosthetic therapeutic modalities that will improve the predictability of all these goals.

Educational Objectives:

- Explain the relationship between intraoral and facial esthetic and its impact on the final outcome.
- Develop an algorithm of treatment options and individual risks.
- Gain decision-making approaches for various patients and clinical situations.
- Consider the management of physiological and clinical complications.

Coffee Break in the Exhibit Hall

10 - 10:45 a.m.

Periodontal Career Fair



10 - 11 a.m. and noon - 2 p.m.

See page 32 for more information.

Exhibition

10 a.m. - 6 p.m.

Schedule of Events

Monday, Oct. 29, 2018

Member Resource Center

10 a.m. - 6 p.m.

See page 60 for more information.

Research Forum Poster Session

10 a.m. - 6 p.m.

JACP/JSP Poster Session and Competition

10 a.m. - 6 p.m.

12:30 - 1:45 p.m. Presentation and Judging

The JACP/JSP Poster Session includes the following categories: General (basic research and clinical research), case report, and dental hygiene. At 12:30 p.m. all presenters (case report and dental hygiene) will present their research or cases, with cash prizes being awarded to selected posters.

EV2: Results from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions



10:45 a.m. - 12:15 p.m.

Oral Pathology, Oral Medicine, and Oral Diagnosis

Moderator: Jack Caton

Speakers: Gary Armitage, Kenneth S. Kornman, and Panos N. Papapanou

Complimentary with full attendee registration; limited attendance. Ticket valid for initial 15 minutes of the course based on the start time indicated above. Failure to arrive within that timeframe will result in invalidation of ticket. AAP reserves the right to request proof of session registration.

Join members of the Organizing Committee as they discuss the findings from the World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. The new classification reflects what has been expertly reviewed today about the diseases and attempts to:

- Improve clinicians' level of comprehension and appreciation of disease progression.
- Clarify gingival health and mucogingival conditions and address peri-implant diseases for the first time.
- Eliminate overlap of former disease categories and achieve more diagnostic precision.

Educational Objectives:

- Learn how worldwide consensus was reached and how the new classification differs from the 1999 version.
- Familiarize yourself with an innovative model for identifying and diagnosing periodontal diseases that introduces a multi-dimensional staging and grading system, similar to the method used in oncology.
- Gain an appreciation for the complex nature of each patient and his/her individual response to treatment.
- Describe what new dental students will be taught about identifying and classifying periodontitis in their patients.

AAPF1: Future Horizons in Periodontology: Peri-Implant Disease and Associated Regenerative Alternatives

10:45 a.m. - 12:15 p.m.

This session will consist of three speakers highlighting future directions and emerging concepts in periodontics. The speakers are faculty and practitioners who have benefited from American Academy of Periodontology Foundation initiatives. Each speaker will give a 20-minute presentation, followed by a discussion.

Moderators: Praveen Gajendrareddy and Hector F. Rios

Speakers:

Fernando Suárez López del Amo - *Etiopathogenesis of Peri-Implantitis: Beyond Plaque*

Educational Objectives:

- Explain the multifactorial etiology of peri-implantitis recognizing the various local, systemic, and implant-related factors associated with the disease.
- Recognize the role of titanium particles on the peri-implant cell population.
- Identify the focus of new investigations aiming at further elucidating the role of titanium particles in the peri-implant environment.

Sivaraman Prakasam - *Alveolar Regeneration – Bench to Clinics*

Educational Objectives:

- Discuss efforts to develop a novel tissue-on-chip platform to systematically study alveolar regenerative and osteolytic processes based on how organs-on-a-chip, or "tissue-chips," integrate micro-engineered substrates with microfluidics technologies with the goal of replicating tissue/organ level functionality. These chips allow deconstructing the tissue/organ of choice into their distinct essential elements and enable systematic, precise, and tunable testing of each individual element's contributions to tissue homeostasis.



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- Discuss the role of novel innate immune proteins e.g., Peptidoglycan recognition proteins in tissue destruction during osteolytic disease progression.
- Explain the clinical use of Amnion Chorion membranes for site preservation and present evidence from a randomized clinical trial.

Kevin Matthew Byrd – *Reservoirs for Regeneration - Diverse Applications of Oral Epithelial Stem/Progenitor Cells*

Educational Objectives:

- Discuss how oral mucosal epithelia (OE) are maintained by an active basal layer throughout life which is increasingly recognized as containing unique populations of stem/progenitor cells with diverse capabilities for rebuilding soft tissues.
- Recognize that these heterogeneous OE populations are also at the frontline from a polymicrobial challenge and the diverse roles they play in innate immunity, adhesion, regeneration, and epigenetic regulation.
- Grasp how, when combined with emerging technologies such as 3-D printing, single-cell sequencing, and somatic cell genomic editing, isolation of these OE cells provides a unique opportunity 1) to regenerate "enhanced" soft tissues for keratinized autologous grafts and 2) to understand the complexity of these populations during both health and periodontal disease to identify novel and specific targets for future adjuvants to traditional therapy.

IP3: Innovations in Periodontics Session 3

10:45 a.m. - 12:15 p.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderator: Hom-Lay Wang

Speakers:

Yumi Ogata – *Vertical Ridge Augmentation with d-PTFE Membrane vs. Titanium Mesh*

Julio A. Carrion – *Perforated Resorbable Membranes: A New Perspective on Guided-Bone Regeneration*

Yusuke Hamada – *Novel Sinus Membrane Elevation Technique with Medical Grade Polyurethane Sponges*

Yorimasa Ogata – *Prevalence and Risk Factors for Peri-Implant Diseases: A Cross-Sectional Multi-Center Study by Periodontal Specialists*

This session will address innovations and advances in clinical periodontics, basic science, or related subjects. Each speaker will give a 15-minute presentation on a specific topic, followed by a five-minute question-and-answer period. Speakers are selected by a blind review of abstracts submitted to the Academy.

Educational Objectives:

- Gain knowledge of innovations and advances in clinical periodontics, basic science, or related subjects.
- Explain a new concept, technique, or product use to take back your practice.

FCE7: The Art of Microsurgery

10:45 a.m. - 12:15 p.m.

Periodontal Plastic and Soft Tissue Surgery

Moderators: W. Peter Nordland and Satoru Urano

Speaker: Masana Suzuki

This course will discuss the many advantages of periodontal microsurgery and will include video demonstrations of several clinical cases. The presentation will highlight advantages to the periodontal microsurgeon, including precision treatment of disease, utilizing microsurgery to achieve enhanced results with connective tissue grafting, and the benefits noted when grafting exposed roots and implants. Of special note, the advantages of microsurgery when performing papilla reconstruction and ridge augmentation will be covered. New surgical applications for microsurgery along with three technical solutions to peri-implant soft tissue deficiencies for both single and multiple implant prostheses will be presented.

Educational Objectives:

- Describe the advantages for periodontal microsurgery along with clinical cases.
- Explain the various surgical techniques utilizing a connective tissue graft and consider the long-term prognosis.
- Assess how to provide technical solutions to peri-implant soft tissue deficiencies for both single and multiple implant prostheses.



Schedule of Events

Monday, Oct. 29, 2018

FCE8: Minimally-Invasive Approaches for Multiple Tooth Recession

10:45 a.m. - 12:15 p.m.

Periodontal Plastic and Soft Tissue Surgery

Moderator: Edward P. Allen

Speakers: John Chao, Jim Janakievski, and Homa H. Zadeh

Multiple gingival recession (MGR) defects remain a therapeutic challenge, approached through an array of therapeutic options. Selection of therapeutic modality is often based on a clinician's preference and experience. In recent years, a great deal of evidence has accumulated for the benefits of tunneling to avoid flap reflection. Traditionally, most of the tunneling has been performed through the gingival sulcus of teeth. However, vestibular tunneling presents a few options which may facilitate the treatment of multiple gingival recession defects. An important consideration has been suturing methods to stabilize the gingival margins during healing and prevent relapse. Some of the biologic principles and available evidence for the treatment of multiple gingival recession defects will be reviewed to highlight the possibilities and limitations of MGR therapy.

In regards to the apical tunnel technique, the most current results of an ongoing study comparing the apical tunnel approach with the subepithelial connective tissue graft at the University at Buffalo, SUNY. Today, there are multiple techniques, materials, instruments, and protocols available for tunnel flap procedures. The clinician must choose the best approach for treatment based on patient needs, clinical skills, site anatomy, and available scientific evidence. Through customization of treatment for the patient, optimal outcomes can be achieved.

Educational Objectives:

- Consider the evolution of tunnel flap procedures.
- Explain the surgical considerations when preparing a tunnel flap.
- Evaluate risk assessment and evidence for MGR therapy.
- Discuss vestibular tunneling: rationale and technique for MGR therapy.
- Review guidelines for graft material selection: autogenous donor tissue, allograft, xenograft, platelet-fibrin, and growth factors.
- Obtain the essentials of the apical tunnel approach protocol.
- Review the long-term results and most current research on the apical tunnel.

FCE9: The State of Dynamic Navigation: Technology and Workflow



10:45 a.m. - 12:15 p.m.

Emerging Concepts and Innovative Therapies

Moderator: Bradley S. DeGroot

Speakers: George A. Mandelaris and John Russo

Decades after its inception in neuro-surgery, dynamic navigation offers real-time information on the position, angulation, and depth of dental implant drills in order to "guide" implant surgery. Dynamic navigation provides the accuracy of fully-restrictive guides with a simpler workflow and fewer clinical limitations. This course will focus on the state of the technology, the workflow, and clinical benefits of navigated implant surgery and what is ideal for implant surgeons interested in improving the accuracy and precision of their implant placement.

Educational Objectives:

- Summarize the benefits of dynamic navigation over free-hand and traditional guided surgery.
- Demonstrate the clinical workflow for dynamic navigation surgery.
- Examine the indications and case-selection criteria for dynamically navigated surgery.
- Gain a clear understanding of how this revolutionary technology works and how it may be integrated to improve surgical outcomes.

FCE10: The Cost of Surgical Complications



10:45 a.m. - 12:15 p.m.

Leadership, Personal, and Practice Development

Moderator: Caitlin Darcey

Speaker: Peter C. Fritz

Despite our best efforts, some of our patients will develop post-surgical complications. Complications may present immediately, such as with a post-operative infection, but often they can take months or years to manifest as with peri-implantitis. Given the significant differences in the rate of complications between experienced and inexperienced surgeons, it is in the best interest of the patient to avoid the clinician with the highest complication rate. One way to communicate the severity of the complication is by assigning it a financial cost. Using business-modeling programs that calculate the return on invested capital, it is revealed that using a team approach for patient care not only provides the most predictable and cost-effective outcome for the patient, but is also the most profitable approach for the clinicians involved in the case.



Monday, Oct. 29, 2018

Educational Objectives:

- Recognize that it is economically irresponsible to offer surgical services without factoring the financial cost of potential complications to your practice.
- Develop a framework for categorizing surgical complication types.
- Comprehend that strictly from an economic perspective for all stakeholders, the best strategy for the general dentist is to refer patients for surgical procedures to the clinician with the lowest complication rate.
- Recognize that the best long-term value for the surgical patient is to incur a higher initial cost to mitigate significant unknown costs at a later time.

FCE11: Obesity, Diabetes, and Periodontal Disease

10:45 a.m. - 12:15 p.m.

Periodontal and Systemic Interrelationships

Moderator: Purnima Kumar

Speakers: Mia L. Geisinger, Brian L. Mealey, and Barbara J. Steinberg

Diet is closely linked to two of our most recent epidemics—diabetes and obesity, which are themselves interconnected. While obesity and diabetes are recognized as diseases with oral manifestations, eating disorders have not received as much attention among dental professionals. Eating disorders represent a complex spectrum of chronic illnesses, with medical and psychologic complications that lead to the highest mortality of all psychiatric disorders. It is a problem that is an epidemic on college campuses. Members of the dental team, and especially periodontists, may be the first health care providers to encounter such patients and will be instrumental in making appropriate referrals for further diagnostic work-up and treatment. This session will provide the periodontal team with valuable information on the risk imposed by these diseases and conditions for periodontal diseases.

Educational Objectives:

- Identify how obesity and diabetes affect periodontal health, and how to recognize oral manifestations of these conditions.
- Gain an understanding of the psychologic and medical issues associated with eating disorders.
- Recognize how to address and manage periodontal issues associated with diabetes, obesity, and eating disorders.

FCE12: The Winners Circle: Clinical and Research Showcase



10:45 a.m. - 12:15 p.m.

Moderator: Eboné Jordan

Speakers:

Sukirth Ganesan

2016 Balint Orban Memorial Program Winner - Clinical Science Category

Juan C. Rodriguez

2016 Balint Orban Memorial Program Winner - Basic Science Category

Luciana M. Safioti

2016 Research Forum Poster Competition Winner

Julie Sutton

2016 Research Forum Poster Competition Winner

Investigations in the science of periodontology inform the next generation of clinical decisions and laboratory exploration. Promising findings in research explorations in turn help inspire innovations for clinical applications. This course will highlight some of the recent award-winning investigations, providing a sneak peak into future directions for discovery and development.

Educational Objectives:

- Explain the relationship between implant surface titanium degradation and its potential role in peri-implantitis.
- Recognize the importance of targeted gene therapy in enhancing periodontal bone and tissue formation and maturation.
- Identify a biologically-validated time point for periodontal therapy during smoking cessation based on the shift over time in functional characteristics of the subgingival microbiome.
- Comprehend the negative impact of secondhand tobacco smoke and non-traditional routes of nicotine exposure (e.g., e-cigarettes) on the periodontal health of non-smoking adults.

Schedule of Events

Monday, Oct. 29, 2018

Lunch Service in the Exhibit Hall

11 a.m. - 3 p.m.

Professional registrants will receive complimentary grab-and-go lunch tickets with their registration materials that may be redeemed in the Exhibit Hall on Sunday, Monday, and Tuesday. Each daily voucher is valid for one grab-and-go lunch with three options to choose from. The grab-and-go lunch will include one bottle of water per person. Meals for spouses, guests, and exhibitors may be purchased at the Bistro in the Exhibit Hall as well as additional beverages.

EV4/EV10: Joint Pre- and Postdoctoral Educators Workshop: Findings from the World Workshop: A Perspective for Educators

1 - 3 p.m.

Speakers: Jack Caton and Henry Greenwell

This complimentary program is for periodontal faculty only.

GS3: Explore Anterior Single Immediate Implant Placement and Provisionalization (IIPP) in the Esthetic Zone (Live-Streaming Surgery)

2 - 4 p.m.

 Implant Surgery and Prosthetic Rehabilitation

Moderator: Nick Caplanis

Speaker: Joseph Y. Kan



Immediate implant placement and provisionalization (IIPP) of anterior single failing tooth is a challenging and demanding procedure. Site preservation for the eventual implant restorations with harmonious gingival contour that emulate nature is a fusion of science and art. Understanding the biologic and physiologic limitations of the soft and hard tissue will facilitate predictability in simple to complex esthetic situations.

Besides a live surgical demonstration of IIPP, this session will also show bone and soft tissue grafting techniques to optimize the surgical site. In addition, current implant treatment philosophies and methodologies for IIPP with an emphasis on how to maintain the facial tissue level and contour will be discussed.

Educational Objectives:

- Consider treatment planning for esthetic IIPP.
- Explore technique for IIPP.
- Evaluate methods to maintain facial tissue level and contour.
- Grasp methods for immediate provisionalization.

General Assembly Business Session

5 - 6 p.m.

Voting members (Active and Life Active membership categories) are encouraged to attend as the Academy's budget for the coming year will be proposed, new and re-elected Trustees installed, and outgoing Trustees recognized.

Perio Perks Partners

Membership resources = benefits, savings, and value

The American Academy of Periodontology is excited to announce **Perio Perks!** Make the most of your AAP membership and visit AAP's Perio Perks partners during the Annual Meeting in the Exhibit Hall and take advantage of members-only discounts!

ASPIDA
Booth #1133

Doctor.com
Booth #308

Offcite
Booth #1135

Sowingo
Booth #1131

Southern Anesthesia
Booth #409

Treloar & Heisel
Booth #927 in the Member Resource Center

These are just a few of the AAP partners. For more detailed information on all Perio Perks partners, visit perio.org/members/Perio-Perks



Tuesday, Oct. 30, 2018

Registration

7 a.m. - 2 p.m.

AAP Foundation Booth and Silent Auction

7 a.m. - 2 p.m.

AAP Foundation Last Chance Bid Breakfast

7:30 - 9 a.m.

Join the AAP Foundation for hearty breakfast fare as you peruse the silent auction and make your final bids. This is a first-come, first-served breakfast!

GS4: Management of Deficiencies in the Esthetic Zone: Bone Reconstruction vs. the Prosthetic Alternative "Interface Planning"

8 - 10 a.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderator: Alan Rosenfeld

Speakers: David A. Garber, Sascha Jovanovic, and Craig M. Misch

Bone deficiencies in the esthetic zone continue to be one of the most challenging dilemmas confronting interdisciplinary management of implant supported restorations. Correction of horizontal and vertical deficiencies is critical to achieving both esthetic and functional prosthetic outcomes. However, regenerative and reconstructive surgery has benefits, risks, and cost considerations which can influence treatment decisions. On the other hand, a prosthetic alternative "interface planning" can become an integral part of esthetic implant dentistry.

Educational Objectives:

- Assess treatment dilemmas associated with management of deficiencies in the esthetic zone.
- Recognize the critical surgical details of GBR and autogenous block bone grafting in the deficient anterior maxilla.
- Explain the value of cross-disciplinary "interface planning" as a prosthetic alternative to bone reconstruction.

Coffee Break in the Exhibit Hall

10 - 10:45 a.m.

Exhibition

10 a.m. - 3 p.m.

Member Resource Center

10 a.m. - 3 p.m.

See page 60 for more information.

Research Forum Poster Session

10 a.m. - 3 p.m.

JACP/JSP Poster Session

10 a.m. - 3 p.m.

IP4: Innovations in Periodontics Session 4



10:45 a.m. - 12:15 p.m.

Treatment of Periodontal Diseases and Peri-Implant Diseases

Moderator: Thaigo Morelli

Speakers:

Dharmarajan Gopalakrishnan - *Prospective Evaluation of Molars in Diabetic Patients Using the MMPPi*

Stephen K. Harrel - *Videoscope Removal of Foreign Particles Associated with Peri-Implant Disease*

Ok-Su Kim - *Associations between Serum vit.D and Periodontal Status in Korean Adults*

Toshiya Morozumi - *Biological Response and Clinical Effect Following One-Stage, Full-Mouth Scaling and Root Planing*

This session will address innovations and advances in clinical periodontics, basic science, or related subjects. Each speaker will give a 15-minute presentation on a specific topic, followed by a five-minute question-and-answer period. Speakers are selected by a blind review of abstracts submitted to the Academy.

Educational Objectives:

- Gain knowledge of innovations and advances in clinical periodontics, basic science, or related subjects.
- Explain a new concept, technique, or product used to take back your practice.

Schedule of Events

Tuesday, Oct. 30, 2018

FCE14: Digital Workflows from Surgical Planning to Final Restoration



10:45 a.m. - 12:15 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: Serge Dibart

Speakers: Harold S. Baumgarten and Howard Fraiman

Patients' esthetic demands have never been higher than they are today. Maximizing the restorative outcome requires precision implant planning, placement, as well as meticulous development of the gingival environment. Digital workflows can increase precision, decrease morbidity, and improve esthetic outcomes. This lecture will discuss the complete digital workflow from surgical planning to the final restoration.

Educational Objectives:

- Discuss the digital implant surgical planning process and digital surgical guide fabrication.
- Learn how to establish an ideal gingival environment.
- Review the digital restorative process.

FCE15: Full-Arch Immediate Placement and Loading: A Non-Grafting Alternative for the Periodontist

10:45 a.m. - 12:15 p.m.

Implant Surgery and Prosthetic Rehabilitation

Moderator: George V. Duello

Speakers: Jeffrey Ganeles and Sonia Leziy

Immediate dental rehabilitation with fixed restorations can be a life-changing event for patients. Delivering this service to someone in need is one of the most gratifying and rewarding services a periodontist can provide, frequently reversing decades of anxiety, disease, and unsuccessful treatment. It is also one of the most complex procedures done in dentistry as it forces sophisticated surgical, prosthetic, and laboratory procedures, often performed by different individuals, to be done in a compressed time period. Successful outcomes demand proficiency in many technical aspects of surgery that form part of the periodontist's skillset.

Educational Objectives:

- Explain how the digital workflow can simplify the planning, enhance the surgery, and advance the transitional restoration.
- Grasp the use of angled implants and/or short implants to avoid pneumatized sinuses and other vital anatomical structures.

- Identify how bone density-based preparations and densification protocols can increase the probability of immediate restoration.
- Consider different restorative options to simplify and improve provisionalization.

FCE16: Predictable Ridge Augmentation with Rigid Membranes



10:45 a.m. - 12:15 p.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderator: David Rolf, II

Speakers: Hsun-Liang (Albert) Chan and James G. Woodyard

Clinically applying the principles of guided-bone regeneration for predictable ridge augmentation can present challenges such as increased complications when using rigid membranes. This session will discuss the reality and precautions of using rigid membranes, based on the literature and clinical case experiences, and will comprehensively review variables that dictate clinical outcomes. What if you could create your own scaffold to design how you wanted the bone to grow? Using a combination of a poly-DL-lactic acid (PDLLA) scaffold, allogenic bone graft, platelet rich fibrin, and acellular dermal matrix, this course will demonstrate how to achieve very predictable ridge augmentation results in a short amount of surgical chair time. Participants will benefit from discussion about the key factors that influence the success of ridge augmentation such as treatment planning and indications for this procedure, hard/soft tissue defect characteristics, biomaterial properties and selection, flap design and closure, strategies to minimize and manage complications, as well as provisional design and post-operative care.

Educational Objectives:

- Learn the indications for using rigid membranes for horizontal and vertical ridge augmentation and how to treatment plan these cases.
- Gain an understanding of existing and new rigid membranes and the importance of material selection and use of biologic growth factors for ridge augmentation.
- Clinically evaluate soft tissues to optimize flap closure following ridge augmentation, and recognize the causes and management of complications using rigid membranes.



Tuesday, Oct. 30, 2018

FCE17: Marijuana and E-Cigarettes



10:45 a.m. - 12:15 p.m.

Periodontal and Systemic Interrelationships

Moderator: Cynthia Yee

Speakers: Purnima Kumar and David A. Scott

Over the past few years, both electronic cigarettes and marijuana have dramatically increased in use. E-cigarettes have emerged as popular alternatives to conventional cigarettes. Seven years after their introduction in the U.S., 20.4 million individuals (including 2.5 million high schoolers) are using this product. They are legal, touted in the media as effective smoking cessation aids, and have surpassed conventional cigarettes as the most popular "tobacco" product among young adults. Similarly, marijuana is legal for adults over the age of 21 in nine states, and medical marijuana is legal in 29. Evidence is emerging that these two habits may have implications for oral health, particularly periodontal health. This presentation will discuss the latest evidence by two of the leaders in research in this area.

Educational Objectives:

- Describe the chemistry of the compounds in these two habit inducing products.
- Examine how these products impact oral and periodontal health.
- Gain action items to take into practice and share with their patients.

FCE18: Restorative Materials: What Every Surgeon Should Know

10:45 a.m. - 12:15 p.m.

Emerging Concepts and Innovative Therapies

Moderator: Alejandro Kovacs

Speakers: David L. Guichet and Chandur Wadhvani

The long-term success of dental implants is directly correlated with the placement of an adequate restoration. Restorative driven treatment planning in implant dentistry is paramount for the achievement of predictable results. This set of lectures will demonstrate how the introduction of digital technologies can predictably lead to remarkable treatment outcomes and how choosing the proper abutment materials can help with the maintenance of the implant/soft tissue barrier seal.

Educational Objectives:

- Describe how to implement a fully-digital, facially-driven workflow in interdisciplinary treatment planning.

- Introduce a pragmatic step-by-step process where guided dentistry, treatment simulation, digital preparations, printed restorations, and team communication come together to help design beautiful smiles.
- Explain the importance of choosing the correct abutment material and how it relates with the long-term health of the soft tissue implant interface.
- Comprehend limitations of newer abutment materials and how they represent a potential hazard with biocompatibility.

FCE19: Predictable Periodontal Surgery Outcomes: Flap Designs, Defect Management, and Wound Closure



10:45 a.m. - 12:15 p.m.

Treatment of Periodontal Diseases and Peri-Implant Diseases

Moderators: Flavia Q. Pirih and Takahiro Taniguchi

Speakers: Tetsuya Mizukami and Shaun A. Rotenberg

Periodontal surgery is constantly evolving giving clinicians a multitude of means by which to regenerate the hard and soft tissues of the oral cavity. Therefore, there is a need to appropriately choose treatment procedures and strategies. This course will discuss surgical methods that combine the benefits of flap design techniques and regenerative materials to provide effective and predictable results for the most common surgical situations encountered by a periodontist. This course will empower the clinician to make decisions that will lead to effective and predictable results.

Educational Objectives:

- Recognize the goals of technique selection.
- Discuss the characteristics, benefits, and limitations of flap design, including anatomic factors.
- Identify techniques and regenerative materials to provide effective and predictable results.

Lunch Service in the Exhibit Hall

11 a.m. - 2 p.m.

Professional registrants will receive complimentary grab-and-go lunch tickets with their registration materials that may be redeemed in the Exhibit Hall on Sunday, Monday, and Tuesday. Each daily voucher is valid for one grab-and-go lunch with three options to choose from. The grab-and-go lunch will include one bottle of water per person. Meals for spouses, guests, and exhibitors may be purchased at the Bistro in the Exhibit Hall as well as additional beverages.

Schedule of Events

Periodontal Career Fair in the Exhibit Hall

Noon - 2 p.m.

See page 32 for more information.

GS5: Emerging Regenerative Approaches to Periodontal Reconstruction

2 - 4 p.m.

Tissue Engineering and Hard Tissue Reconstruction

Moderators: Jill Bashutski and Hidemi Kurihara

Speakers: William Giannobile, Bradley McAllister, and Shinya Murakami

Repair of alveolar bone defects caused by development abnormalities, trauma, or disease is a major goal of oral-reconstructive therapy. The field of tissue engineering combines advances in materials, science, and biology to repair tissues and organs. One of the most promising treatments to stimulate periodontal regeneration is the use of cytokines and other growth factors. Over the past

decade investigators have utilized growth factor biologics, barriers, and bone replacement grafts to restore lost tooth support due to damage of the alveolus. This presentation will highlight emerging technologies in cytokines such as Fibroblast Growth Factor (FGF-2), 3-D printing, bioprinting, biomaterials, and growth factor biologics for application to the clinical arena.

Educational Objectives:

- Identify the principles involved in tissue engineering of tooth- and implant-supporting periodontal structures such as bone, periodontal ligament, gingival, and cementum.
- Gain the latest innovations in periodontal tissue engineering, including cytokine and stem cell therapies, as well as the mechanisms of action of growth factors to repair periodontal and dental implant bone defects.
- Describe the modes of action, indications, and limitations of both patient-specific and implant-specific factors affecting treatment outcomes of regenerative therapies.
- Determine the potential of new emerging therapies such as FGF-2, stem cells 3-D printing technology, and interactive scaffold matrices.



Saturday, Oct. 27
8 a.m. - 5 p.m.
Includes lunch
\$149 per person

2018 Dental Hygiene Symposium

Provided in collaboration with the American Dental Hygienists Association and the Canadian Dental Hygienists Association



THE CANADIAN DENTAL
HYGIENISTS ASSOCIATION
L'ASSOCIATION CANADIENNE
DES HYGIÉNISTES DENTAIRES

All hygienists are invited to attend this year's new and improved Dental Hygiene Symposium. Three unique sessions led by seasoned periodontal and dental hygiene experts will cover the latest topics in periodontics, including:

New evidence in perio-systemic interactions

Brian L. Mealey, DDS, MS and Mia L. Geisinger, DDS, MS

Using the new classification of periodontal and peri-implant diseases in case management

Kenneth S. Kornman, DDS, PhD

The critical role of the hygienist in interdisciplinary care

Nancy Adair, RDH

See page 39 for more information on this dynamic and interactive program.

Bundle and save! Pre-register for both the Dental Hygiene Symposium and full Annual Meeting for \$600—a savings of US\$100!

Thanks to Crest+Oral-B, Dentsply Sirona Preventive, OraPharma, and Philips for sponsoring the Dental Hygiene Symposium.



Working Together

Visit the AAP Foundation booth in the Burrard Foyer of the Vancouver Convention Centre



Did you know?

The AAP Foundation is the only charitable organization dedicated exclusively to periodontology.

The AAP Foundation distributes more than \$450,000 each year in scholarships, fellowships, grants, and awards.

The AAP Foundation is a separate sister organization of the AAP, with its own Board of Directors, executive director, and staff.

Come visit our booth to get to know the AAP Foundation!



- Enter to win fun prizes
- Grab a giveaway
- Take a hockey-themed selfie
- Learn about the AAP Foundation and how we're strengthening the specialty
- Browse this year's silent auction offerings
- Donate \$200 or more to cozy up with a super soft chenille blanket (first 30 donors)

This year's AAP Foundation silent auction is online!



Starting Oct. 22, text AAPF to 52182 to check out this year's exciting offerings, make a donation, and more!

Member Resource Center

Perio Store

The Member Resource Center (MRC) will be located in the Exhibit Hall, booth #927

Visit the MRC to...

- Learn about the many benefits of AAP membership, services, events, and programs.
- Purchase AAP merchandise, including scrubs, branded merchandise, and patient education brochures. Plus, check out our new merchandise!
- Collect free samples of new AAP patient education pages to use to educate patients on a variety of periodontal health topics.
- Learn more about the consumer awareness campaign, Love the Gums You're With.
- Visit Treloar & Heisel, Inc. and MedPro to review insurance options.
- Take a complimentary headshot complete with hair and makeup touch-ups for your AAP Connect profile and practice website.
- Enter a drawing for a chance to win \$150 in free AAP merchandise!
- Mingle with other International members in the International Lounge.

NEW!

New this year, stop by and say hello to AAP Perio Perks partners throughout the Exhibit Hall.

We look forward to seeing you there!

Exhibition General Information

Explore the products and services of more than 300 exhibit booths. The 2018 Annual Meeting Exhibition will take place at the Vancouver Convention Centre, West Building inside Exhibit Halls ABC.

Please support the Exhibit Hall by visiting all the various participating companies.

Exhibit Hall Dates and Hours:

Sunday, Oct. 28	10 a.m.–6:30 p.m.
Monday, Oct. 29	10 a.m.–6 p.m.
Tuesday, Oct. 30	10 a.m.–3 p.m.

Regulations

Please note, children under 18 years of age are not permitted into the Exhibit Hall. This policy has been established for the safety of the children of members and other attendees. Participant support and compliance are appreciated. A registration badge is required for access to the Exhibit Hall.

CE Pavilion

Participants will be able to log continuing education (CE) credits at the CE Pavilion located in the Exhibit Hall. The CE Pavilion will be designated to print certificates of attendance and/or presentation. The terminals will be located directly in front of the 1600 aisle. New this year, CE verification forms for Hands-On Workshops and the Dental Hygiene Symposium will be issued to all participants via email and post-meeting.

Poster Sessions

Two poster sessions will be featured this year.

The AAP's Research Forum Poster Session provides a platform for clinical and basic research to be presented by those in the field of periodontics. Finalists and authors will present their research on Sunday at 10 a.m.

Posters from the Japanese Academy of Clinical Periodontology and the Japanese Society of Periodontology will also be on display.

Coffee Breaks

Complimentary coffee will be available to registrants from 10-10:45 a.m. Sunday, Monday, and Tuesday in the Exhibit Hall.

Lunches

Professional registrants will receive complimentary grab-and-go lunch tickets with their registration materials that may be redeemed in the Exhibit Hall on Sunday, Monday, and Tuesday. Each daily voucher is valid for one grab-and-go lunch with three options to choose from. The grab-and-go lunch will include one bottle of water per person. Meals for spouses, guests, and exhibitors may be purchased at the Bistro in the Exhibit Hall as well as additional beverages.

Extended Welcome Reception

Kick off the 2018 Annual Meeting at this year's extended Welcome Reception on Sunday from 5-6:30 p.m.! This festive, fun-filled event will be a global celebration of periodontics and feature hors d'oeuvres and time with exhibitors. Professional attendees will receive two drink tickets in their registration packets. This is a great opportunity to network and show support to the exhibitors.

Perio Park

Join fellow attendees in Perio Park, located in the Exhibit Hall. Perio Park is a great place to relax, continue conversations with colleagues, charge your electronic devices, view the job information exchange board, and purchase food and beverages. Stay tuned to **members.perio.org/am2018** for updates to Perio Park events!

Speaker Studio

Visit the Speaker Studio at booth #533 for an opportunity to interact with some of the Academy's expert speakers. Participate in a Q&A session or a group discussion with invited speakers in an intimate setting. Stay tuned to **members.perio.org/am2018** for updates.

Periodontal Career Fair

Are you a new practitioner or recent graduate looking for that perfect job, or an established periodontist looking for a partner or associate? If so, the Periodontal Career Fair is the place to be. It is a great opportunity for employers and recent graduates to meet, network, and get the leads you have been looking for. See page 32 for details.

Exhibitors

Exhibitors

3D Diagnostix, Inc.	Geistlich Biomaterials	Osstell, Inc.
3Shape	Glustitch, Inc.	Osteogenics Biomedical
Accelerated Practice Concepts, Inc.	Gumchucks and VISTA Institute	Pacific Dental Services
Accurate Manufacturing, Inc.	Hartzell Instruments	Panda Perio
ACE / SAS	Henry Schein Dental	PBHS, Inc.
ACTEON North America	H & H Company	PDT, Inc./Paradise Dental Technologies
Actwell Technology, Inc.	HMI (Hesira Med Inc.)	Perio-Exec by DSN Software
Adin Dental Solutions USA, Inc.	HuberMed, Inc.	PeriOptix
AD Surgical	Hu-Friedy Manufacturing Company, LLC	Philips Sonicare and Zoom Whitening
American Association of Independent Periodontists, Inc.	Impladent Ltd.	Piezosurgery, Inc.
American Dental Society of Anesthesiology	Implant Direct	Pinhole Academy
Aseptico, Inc.	Implant & Perio Care (Stop White Spots Now!! LLC)	PLANMECA USA, Inc.
Aspida	Integrated Dental Systems	Porter Instrument
A. Titan Instruments, Inc.	Intra-Lock, Inc.	Power Dental USA & Rx Honing Machine
BeamReaders, Inc.	J. Morita USA	ProNorth Solutions, Inc.
Beutlich Pharmaceuticals, LLC	Karl Schumacher Dental	Quality Aspirators & Q-Optics
Bien Air Dental	Keystone Dental, Inc.	Quintessence Publishing Company, Inc.
BioHorizons	KLS Martin	RGP, Inc.
BIOLASE	Laschal Surgical Instruments, Inc.	Salvin Dental Specialties, Inc.
Birdeye	Lighthouse by Web.Com	Snoasis Medical
Blue & Green, Inc.	LightScalpel	Sowingo
BQ Ergonomics, LLC	LOOK/ Surgical Specialties	Straumann
Brasseler USA	MacPractice	SUNSTAR Americas
BTI of North America	Maxxeus Dental	Surgitel
Carestream Dental	MedPro Group	Synca Marketing
ClaroNav, Inc.	Meisinger USA	TePe Oral Health Care, Inc.
Collagen Matrix, Inc.	Microsurgery Instruments, Inc.	Treloar & Heisel
Consult-Pro/DHC Marketing, Inc.	Millennium Dental Technologies, Inc.	UltraLight Optics
Crest Oral-B	Navigate Surgical Technologies, Inc.	VERSAH, LLC
DCI Donor Services	NDX nSequence	Water Pik, Inc.
Dentstply Sirona	Neocis	W&H Impex, Inc.
Dental Canada - Instrumentation	Neoss	Wiley
Dental Implant Technologies/Hi Tec Implants	Nobel Biocare USA	Xemax Surgical Products, Inc.
Dentatus USA Ltd.	Novabone Products	X-Nav Technologies
Dentium USA	NSK America Corp	Zest Dental Solutions
Designs For Vision, Inc.	Officite	Zimmer Biomet Dental
Doctor.com	OMNIA, LLC	Zoll-Dental
Doctor Multimedia	OraPharma, Inc.	
Dowell Dental Products, Inc.	Orascope	
Florida Probe Corp.	Osada, Inc.	
Fotona	Osseofuse International, Inc.	

As of March 30, 2018

The AAP has appointed Experient as its official housing and registration company and has secured a block of hotel rooms near the Vancouver Convention Centre. All housing is reserved through Experient for the AAP room block; hotels cannot accept accommodation requests made directly. Reservations will be filled on a first-come, first-served basis. A CAN\$17 per room per night fee is included in the room rates and will be paid to Experient. **All hotel fees are listed in Canadian dollars.**

Attendees must register for the Annual Meeting to secure housing. Room rates listed do not include the current tax per night of 16.5% (consisting of the following: GST 5%, PST 8%, MDRT 2%, and DMF 1.5%). Taxes and fees are subject to change.

Please review the cancellation policy for your hotel carefully. Changes and cancellations must be made before the cancellation deadline or you will lose your hotel deposit. Please refer to your housing confirmation for the cancellation policy for your selected hotel. **Please note that these three hotels all require that cancellations be made no later than 21 days prior to arrival and that no refunds will be issued by those hotels for cancellations made after that deadline: Fairmont Waterfront; Fairmont Pacific Rim; Pan Pacific Vancouver.**

Official AAP Hotels

Descriptions provided by hotel properties.

Coast Coal Harbour Hotel by APA

1180 W Hastings St., Vancouver, BC V6E 4R5, Canada
CAN\$215 Standard single/double occupancy

Set against the waterways of Coal Harbour and the stunning peaks of the North Shore Mountains is the Coast Coal Harbour Hotel by APA. Welcoming and spacious, the hotel combines city sophistication with West Coast comfort. It's fresh, it's modern, and it has Vancouver at its doorstep with the best of everything the city has to offer. The hotel is near Stanley Park, Gastown, the Vancouver Art Gallery, Vancouver Convention Centre, Robson Street's trendy shopping district, and gourmet food market, Urban Fare, is just around the corner. The 20-story hotel has 220 spacious rooms and all the amenities you've come to expect from us. Private boardrooms, business center, fully equipped gym, locker room, and the landscaped roof deck with an outdoor lap pool and hot tub have been designed with your comfort in mind. Invite your friends and colleagues to join you at our Prestons Restaurant + Lounge serving Pacific North West cuisine at its freshest. You'll feel rejuvenated by the vibrant yet serene energy in this contemporary hotel.

Fairmont Pacific Rim

1038 Canada Place, Vancouver, BC V6C 0B9, Canada
CAN\$335 Run of House single/double occupancy

Luxury, naturally inspired, sophisticated, and contemporary—featuring the best of the Pacific Rim in its plan, décor, and culinary offerings. Stylish rooms and unique suites integrate naturally inspired materials and state-of-the-art technology. Our Vancouver hotel is sure to impress with captivating views of the water and mountains. Guests can experience Willow Stream Spa, an urban oasis featuring a private outdoor terrace, jacuzzis, infrared sauna, meditation pods,

and 24-hour fitness center. Botanist is Vancouver's hottest new restaurant featuring four diverse spaces: cocktail bar and lab, garden, dining room and lounge; all inspired by the principles of Botany and the Pacific Northwest. Helmed by Botanist Executive Chef Hector Laguna, the menu represents the abundant botany of British Columbia and the Pacific Northwest. There is also giovane café, an eatery and market—Italian fare with a comfortable, modern space. In the Lobby Lounge, see and be seen in Vancouver's hot spot, offering handcrafted cocktails, rave-worthy sushi, with live music seven days a week.

The Fairmont Waterfront (co-headquarters hotel)

900 Canada Place, Vancouver, BC V6C 3L5, Canada
CAN\$260 City View single/double occupancy

Immerse yourself in relaxed West Coast luxury at Fairmont Waterfront, a AAA Four Diamond urban retreat in the heart of Vancouver. Our 489 guest rooms and suites tastefully accentuate the lush West Coast landscape, with floor-to-ceiling windows, rain spa showers, and dark wood furnishings. Breathtaking views of Vancouver's harbor, coastal mountains, and sparkling city skyline greet you at every turn, while the essence of local cuisine—fresh seafood, delectable vegetables from our rooftop garden, creative craft beer—await your discovery in ARC, our signature restaurant. Or, head straight to the source by visiting our rooftop garden and honeybee apiary. Our 24-hour health club offers a 50-foot outdoor heated year-round pool, eucalyptus steam rooms, and indoor whirlpool, fantastic equipment, and massage therapy by appointment. We are just steps from the Vancouver Convention Centre and easy access to nearby attractions, including Granville Island, fabulous shopping on Robson Street, dining and nightlife in nearby Gastown and Chinatown, and endless recreational opportunities all along the waterfront and Stanley Park.

Housing and Travel

Four Seasons Hotel Vancouver

791 W Georgia St., Vancouver, BC V6C 2T4, Canada
CAN\$246 Run of House single/double occupancy

In the center of it all and with outdoor adventure just minutes away, Four Seasons Hotel Vancouver encompasses the very best of this active, forward-looking city. Staff showcase their pride in the hotel with caring and personal service that gets at the heart of what guests want. With creativity, a sense of humor, and a touch of rebelliousness, Four Seasons transforms even the smallest moments into special experiences. Four Seasons Hotel Vancouver is proud to be a recipient of the prestigious Forbes Five Star rating, a coveted honor awarded to only two high-achieving Vancouver hotels.

Hyatt Regency Vancouver

655 Burrard St., Vancouver, BC V6C 2R7, Canada
CAN\$244 Run of House single/double occupancy

The Hyatt Regency Vancouver is cosmopolitan, urbane, and stylish. Located in the heart of downtown, Hyatt Regency Vancouver is the perfect location to stay for both business and leisure travelers. Guests will enjoy easy access to exciting attractions, like the unique shops of Robson Street and Stanley Park. From the moment you arrive at our downtown Vancouver hotel near the Vancouver Convention Centre, you will feel right at home. Relax in our spacious rooms and suites with breathtaking views, Hyatt Grand Beds,[®] large wall mounted HDTVs, and complimentary Wi-Fi. Our hotel is within minutes of Vancouver Convention Centre and Rogers Arena, home of Vancouver's professional hockey team. Dine overlooking downtown at Mosaic Grille serving modern comfort food made from locally sourced produce, sustainable seafood, and fresh ingredients. Get refreshed, energized, and rejuvenated in our heated outdoor pool, oversized hot tub, 24-hour StayFit™ Gym, and at the Life Luxe Spa. Welcome to Hyatt Regency Vancouver!

Marriott Vancouver Pinnacle Downtown

1128 W Hastings St., Vancouver, BC V6E 4R5, Canada
CAN\$279 City View single/double occupancy

Elegance, convenience, and modern comfort await you here at the Vancouver Marriott Downtown. We're ideally situated in the heart of the city center, just moments from all of the things that make Vancouver such a popular tourist destination—including Stanley Park, Cruise Ship Terminal, and Rogers Arena. Settle in to your hotel room or suite, which is awash with natural light and offers perks like pillow-top bedding, high-speed internet, and an ergonomic workspace—not to mention striking views of downtown Vancouver and the harbor. Join us at Showcase Restaurant & Bar for international cuisine and local beer

and wine, or enjoy 24-hour room service. Stay healthy with a visit to the fitness center, or a swim in our indoor pool. Whatever brings you to our beautiful city, we're confident you'll enjoy your stay at the Vancouver Marriott Downtown.

Pan Pacific Vancouver (co-headquarters hotel)

300 - 999 Canada Place, Vancouver, BC V6C 3B5, Canada
CAN\$275 Deluxe single/double occupancy

The award-winning Pan Pacific Vancouver enjoys a privileged position atop Canada Place, home to the Vancouver Convention Centre. Featuring floor-to-ceiling windows with stunning views of Vancouver's magnificent North Shore Mountains, Coal Harbour, and city skylines, the hotel's sleek, contemporary design, beautifully complimented throughout with Birdseye maple, creates a warm, inviting environment. The lobby's four-story atrium provides natural light and breathtaking views of the harbor and mountains. Just steps away from shopping, attractions, restaurants, public transit, and the Canada Line to Vancouver International Airport, the Pan Pacific Vancouver shares this privileged location with the Cruise Ship Terminal, making it an ideal choice for pre or post cruise stays. All 503 exquisitely appointed guest rooms and suites feature views of the harbor, mountains, or city, pillow-top beds, spacious work desks, impressive floor-to-ceiling windows, luxury linens, and well-appointed bathrooms. Guest services include 24-hour in-room dining, Concierge, and business center with internet. Other services and amenities include Oceans 999 Restaurant, Coal Harbour Bar, Fitness Centre, Spa Utopia Health & Wellness Centre, and a roof-top outdoor saltwater swimming pool and hot tub—all options to enjoy during your stay.

Pinnacle Hotel Harbourfront

1133 W Hastings St., Vancouver, BC V6E 3T3, Canada
CAN\$279 Run of House single/double occupancy

The Pinnacle Hotel Harbourfront is located in Vancouver's prestigious Coal Harbour neighbourhood, and just a three-minute walk from the Vancouver Convention Centre. Experience downtown's vibrant shopping, dining, and entertainment districts, which are all just steps away from the Pinnacle Harbourfront. Vancouver's famous attractions, such as the Seawall, Stanley Park, and Canada Place are also within easy walking distance. Take in breathtaking views of the waterfront, mountains, or the dynamic skyline from our spacious guestrooms and suites. Enjoy breakfast, lunch, dinner, or a Happy Hour cocktail in our restaurant P2B Bistro & Bar. The hotel also features a full-service fitness room and a spacious indoor pool facility. Come experience the Pinnacle Difference.

Hotel Cancellations and Refunds

Experient will accept new reservation requests, changes, and cancellations until 5 p.m. EST, Oct. 2, 2018. Experient will accept changes, cancellations, and new reservations on a space-available basis after that date. Beginning Oct. 15, 2018, please contact the hotels directly for changes, cancellations, and new reservations. **Please refer to your booking confirmation for individual hotel cancellation policies.**

Cancellations and requests for changes must be made in writing and received by Experient at the address below:

Experient/AAP Annual Meeting 2018
5202 President's Court, Ste. G100
Frederick, MD 21703
Email: aap@experient-inc.com

Air Travel

United and Delta Airlines are the AAP's official airline carriers offering discounts on all airfares to Vancouver.

Delta Airlines

Using Delta's meetings website delta.com/meetings, select 'Book Your Flight' and enter your Meeting Code **NMS24** in the meeting event code box. If booking by phone, call the Delta Meeting Network at 800-328-1111 (Monday-Friday 7 a.m.-7 p.m. CDT) and reference Meeting Code **NMS24**. Please note there is no service fee for reservations booked and ticketed via phone.

United

Using United's website united.com, enter **ZF7T** in the offer code box. If booking by phone, call 800-426-1122. Please note that United charges a US\$25 fee for phone reservations. For calls outside of the U.S., please contact your local United Airlines Reservation office. If booking through a travel professional, provide the agent with the AAP's "Z code" **ZF7T** and agreement code **528330**.

Direct Travel

Direct Travel, AAP's official travel partner, is available to assist with your air travel needs to attend the 2018 Annual Meeting. Call the Direct Travel Desk toll-free at 800-853-0972, Monday-Friday 8 a.m.-5 p.m. CDT, or email ord@dt.com. A service fee of US\$35 applies for agent assistance. The United or Delta Airlines discount will automatically be applied when booking through Direct Travel.

Ground Transportation

Airport Transportation

For information about ground transportation to and from the Vancouver International Airport, visit yvr.ca/en/passengers/transportation.

For light rail public transit, the Canada Line services downtown Vancouver to/from Vancouver International Airport in 26 minutes. At the airport, the Canada Line station is centrally located between the Vancouver International Airport's International and Domestic Terminals. Follow all signs that reference Canada Line.

Check the Canada Line website for the latest schedules, news, and events: thecanadaline.com. For information about fares, visit translink.ca. All transit users traveling on the Canada Line leaving the airport are subject to a CAN\$5 Canada Line YVR AddFare, in addition to the regular zone fare. Credit cards are accepted.

Taxis and wheelchair-accessible vehicles are available at taxi stands located on Level 2 of the Domestic Terminal and through the exit doors of the International Arrivals Area at Vancouver International Airport.

Vehicle Rentals

Special rental rates are available by contacting Hertz directly, and referring to the specially designated AAP reservation code. Call 800-654-2240 or 405-749-4434 or visit hertz.com. Use discount code: **CV#020V0016** (applicable for advance reservations only).

Annual Meeting Shuttle

No shuttle service will be provided at the 2018 Annual Meeting.

Registration

Key dates:

Early-bird registration rates:

Sept. 10, 2017 – March 30, 2018

Advance registration rates:

April 1, 2018 – Oct. 25, 2018

On-site registration rates:

Oct. 26 – 30, 2018

Helpful Hints:

- General meeting registration is required to select ticketed events and programs with the exception of the Insurance Workshops and the Dental Hygiene Symposium.
- Utilize one method of registration to avoid duplicate records.
- All professionals must register in the appropriate category in order to claim continuing education (CE) credits.
- Acceptable forms of payment include Visa, American Express, MasterCard, Discover, and checks drawn on a U.S. bank in U.S. dollars.
- Registered spouses and/or guests are not permitted to attend CE courses, but may attend the Corporate Forum and enter the Exhibit Hall. Registered attendees who wish to bring a spouse and/or guest to a ticketed event will need to purchase an additional ticket.
- A state- or government-issued photo ID is required at registration.
- There will be a US\$50 replacement fee for any lost name badges.
- All credentials will need to be picked up at the meeting. No credentials will be mailed in advance.
- **All registration fees are in U.S. dollars.**

Frequently Asked Questions (FAQs)

How can I register?

Attendees can register one of four ways:

- 1) Online at **members.perio.org/am2018** (preferred method)
- 2) Via fax to 301-694-5124
- 3) Via phone to 800-424-5249 (U.S.) or +1-847-996-5829 (international)
- 4) Via mail to:
Experient/AAP Annual Meeting 2018
5202 President's Court Ste. G100
Frederick, MD 21703

What is Experient's customer service phone number?

800-424-5249 (U.S.) or +1-847-996-5829 (international).

What is the refund and cancellation policy?

Refunds will be granted to registrants who submit written refund requests by Sept. 18, 2018, less a US\$75 administrative fee based on handling costs. Requests for refunds will not be accepted in any form after Sept. 18, 2018.

Before Sept. 19, 2018:

Submit requests via mail, fax, or email to:
Experient/AAP Annual Meeting 2018
5202 President's Court, Ste. G100
Frederick, MD 21703
Local and international fax: 301-694-5124
Email: **aap@experient-inc.com**

When does registration open in Vancouver?

Registration will be located in the West Building of the Vancouver Convention Centre.

Friday, Oct. 26	3–5 p.m.
Saturday, Oct. 27	7 a.m.–5 p.m.
Sunday, Oct. 28	7 a.m.–5 p.m.
Monday, Oct. 29	7 a.m.–5 p.m.
Tuesday, Oct. 30	7 a.m.–2 p.m.

I'm a dental hygienist, but don't know in which category I should register.

If you're interested in attending the entire meeting, register as a dental hygienist/full conference. Proof of dental hygienist license/appropriate credentials must be submitted with registration.

How do I register for the Dental Hygiene Symposium?

The Symposium is an additional cost and separate from the Annual Meeting's dental hygienist registration category. Complete and submit the registration form or register online. Registration for this symposium is available to non-dental hygienists.

I registered in advance of the meeting but have yet to receive my credentials.

All participants regardless of registration date, will need to pick up their credential packets on site. This may be done by utilizing the Express Registration stations or registration counters located in the AAP registration area of the Vancouver Convention Centre. Please bring confirmation and a photo ID to expedite the process.

I registered as a spouse and/or guest; what does that include? Can I participate in the Exhibit Hall lunches?

The spouse and/or guest registration fee includes access to the Corporate Forum and Exhibit Hall. Spouses and/or guests may purchase meals on site in the Exhibit Hall. Spouses needing to earn CE credit must register in a professional category.

I am a non-member student. May I attend the Student/New Periodontist Member Reception?

Only AAP Student members and new periodontist members (who have graduated within the last two years) are eligible to attend. Attendance is limited.

Who may register in the categories that begin with the designation CAP, JACP, or JSP?

The AAP presents the 104th Annual Meeting in collaboration with the Canadian Academy of Periodontology (CAP), the Japanese Academy of Clinical Periodontology (JACP), and the Japanese Society of Periodontology (JSP). Only members of these three organizations may register in their respective categories.

Who may register as a General Assembly Voter Only?

Active and Life Active members who would like to attend the General Assembly Business Session may register in this category at no charge, but will be unable to participate in any other portion of the Annual Meeting and will not receive attendance credit.

What does Corporate Forum registration include?

This registration type allows access to the Corporate Forum on Saturday, Oct. 27, 2018 only. There is no charge for this category, but participants who select it will be unable to participate in any other portion of the Annual Meeting and will not receive CE credits from the AAP.

* The AAP does not offer CE credit for the Corporate Forum.

How does one register as a Sponsored Non-Member Dentist/Periodontist?

Active members who register for the Annual Meeting will receive a one-time use code on their confirmation. They may provide this code to a colleague dentist or periodontist, who is not currently a member of the AAP. The code would be used during online registration to receive a special registration discount.

What is the VIP Experience listed on the registration form?

This offer allows registrants access to an express registration counter on site, a VIP ribbon, and an exclusive lounge to relax, refresh, and network. The VIP Experience also includes reserved seating at general sessions and an exclusive meet-and-greet with the AAP's Executive Committee. Full registration is required to select this option, and the cost is US\$200 per person.

**Contact meetings@perio.org
with additional questions.**

**Register now at
members.perio.org/am2018.**

Registration

All registration fees listed below are in U.S. dollars.

Category	Advance Apr. 1 – Oct. 25, 2018	On Site Oct. 26 – 30, 2018
Active Member	\$819	\$924
Associate Member	\$819	\$924
International Member	\$819	\$924
Life Active Member	\$819	\$924
Retired Member	\$499	\$614
Student Member*	\$310	\$415
General Assembly (only)	Complimentary (no access to any other portion of the meeting)	
Non-Member Student **	\$423	\$642
Non-Member Dentist/Periodontist	\$1,542	\$1,660
Sponsored Non-Member Dentist/Periodontist	\$1,391	\$1,509
Dental Student Interest Group (DSIG) ***	\$89	\$116
Dental Hygienist/Full Conference	\$551	\$665
Office Staff	\$551	\$665
Spouse/Guest	\$132	\$132
Dental Hygiene Symposium (only)	Course fees (must register for EV3)	
Insurance Workshops (only)	Course fees (must register for at least one IW)	
Corporate Forum Registration	Complimentary (no access to any other portion of the meeting)	
Student Exhibits (only)****	\$25 (on site for Tuesday, Oct. 30, 2018; no access to any other portion of meeting)	
JSP/JACP Member	\$819	\$924
JSP/JACP Student Member	\$310	\$415
JSP/JACP Dental Hygienist/Full Conference	\$551	\$665
JSP/JACP Office Staff	\$551	\$665
CAP Member	\$819	\$924
CAP Student Member	\$310	\$415
CAP Dental Hygienist/Full Conference	\$551	\$665
CAP Office Staff	\$551	\$665

Note: see eligibility requirements below for categories marked with an asterisk.

Eligibility Requirements:

*AAP Student Member (U.S., Canadian, or International) – For those currently enrolled in a periodontal program and whose membership is up-to-date in Student or International Student categories. Note, if you are a member who has graduated from a periodontal program within the last two years, please register as an Active or International member.

**Non-Member Student – All non-member students require full-time enrollment status. Documentation of such status on institutional letterhead must accompany registration form. If registering online, proof of enrollment must be faxed within two business days.

***Dental Student Interest Group (DSIG) – This fee is for predoctoral students who are currently enrolled in a dental program accredited by the Commission on Dental Accreditation and would like to explore the field of periodontology. To be eligible, you must go to perio.org/education/dsig.htm and join the AAP Dental Student Interest Group (there is a fee to join); requirements must be met prior to registration submission.

****Students who would like to visit the Exhibit Hall only on Tuesday, Oct. 30, 2018, may register for this category on site and must bring a valid student ID to on-site registration. There will be no access to any other portion of the meeting.

Note: All student categories (with the exception of Student Exhibits Only) require full-time enrollment status at a college or university. Documentation of such status on institutional letterhead must accompany your registration form. If registering online, proof of enrollment must be faxed within two business days.



104TH ANNUAL MEETING

October 28-30, 2018 | Vancouver, BC

American Academy of Periodontology

Housing and Registration Form



HOW TO REGISTER

Please complete all applicable sections (one professional registrant per form) prior to submitting the registration form. Forms submitted without payment information will not be processed. Checks drawn on a U.S. bank in U.S. dollars made payable to the American Academy of Periodontology, or credit card (Visa, MasterCard, Discover, or American Express only) are acceptable forms of payment. In order to receive the member rate, 2018 membership dues must be paid prior to registration.

Registration forms must be received by 11:59 p.m. EST on March 30, 2018, for the early-bird Vancouver pricing. Confirmations will be emailed to the email address provided; allow 72 hours for receipt. If you do not receive your information within this time period, call Experient at 800-424-5249 (U.S. participants) or +1-847-996-5829 (international participants).

PERSONAL INFORMATION *City and state will be printed on your badge.*

AAP Membership # _____ (required for members) ☐ Check here if you are an ABP Diplomate
☐ Check here if you are a first-time attendee

First Name _____ Last Name _____

Call Name for Badge _____ ☐ DDS ☐ DMD ☐ RDH ☐ Other (specify) _____

Address _____

City _____ State _____ Postal Code _____ Country (other than USA) _____

Phone _____ Fax _____ Email _____

Emergency Contact (mandatory) _____ Phone _____

Demographic Information: ☐ Male ☐ Female | **Years in practice:** ☐ 0-5 years ☐ 6-10 years ☐ 11-15 years ☐ 16-20 years ☐ 21+ years

■ **Online** (preferred method)
members.perio.org/am2018

■ **Mail** (check or credit card)
Experient/AAP Annual Meetings 2018
5202 Presidents Court, Suite G100
Frederick, MD 21703

■ **Fax** (credit card)
301-694-5124

■ **Phone** (credit card)
800-424-5249 +1-847-996-5829
(U.S. participants) (international participants)

☐ AAP recognizes the need to comply with the Americans with Disabilities Act. Please check here if you have special needs. An Experient staff member will contact you regarding your requirements.



SECTION A: Registration Categories (select one)

Please note: All registration fees are in U.S. dollars

MEMBERS	Early Bird	Advance	On Site
<input type="checkbox"/> RG01: Active Member	\$704	\$819	\$924
<input type="checkbox"/> RG02: Associate Member	\$704	\$819	\$924
<input type="checkbox"/> RG03: International Member	\$704	\$819	\$924
<input type="checkbox"/> RG04: Life Active Member	\$704	\$819	\$924
<input type="checkbox"/> RG05: Retired Member	\$394	\$499	\$614
<input type="checkbox"/> RG06: Student Member	\$205	\$310	\$415
<input type="checkbox"/> RG07: General Assembly Only (<i>no meeting participation</i>)	Complimentary (only available to Active/Life Active members)		
NON-MEMBERS/OTHER	Early Bird	Advance	On Site
<input type="checkbox"/> RG08: Non-Member Dentist/Periodontist	\$1,425	\$1,542	\$1,660
<input type="checkbox"/> RG09: Sponsored Non-Member Dentist/Periodontist Sponsor Code:	\$1,274	\$1,391	\$1,509
<input type="checkbox"/> RG10: Dental Student Interest Group (DSIG)	\$63	\$89	\$116
<input type="checkbox"/> RG11: Non-Member Student	\$316	\$423	\$642
<input type="checkbox"/> RG12: Dental Hygienist	\$428	\$551	\$665
<input type="checkbox"/> RG13: Office Staff	\$428	\$551	\$665
<input type="checkbox"/> RG14: Spouse/Guest Name:	\$132	\$132	\$132
<input type="checkbox"/> RG15: Insurance Workshops Only (<i>must register for at least 1 IW</i>)	Course fees shown in SECTION C		
<input type="checkbox"/> RG16: JACP/JSP Member	\$704	\$819	\$924
<input type="checkbox"/> RG17: JACP/JSP Student Member	\$205	\$310	\$415
<input type="checkbox"/> RG18: JACP/JSP Dental Hygienist	\$428	\$551	\$665
<input type="checkbox"/> RG19: JACP/JSP Office Staff	\$428	\$551	\$665
<input type="checkbox"/> RG20: CAP Member	\$704	\$819	\$924
<input type="checkbox"/> RG21: CAP Student Member	\$205	\$310	\$415
<input type="checkbox"/> RG22: CAP Dental Hygienist	\$428	\$551	\$665
<input type="checkbox"/> RG23: CAP Office Staff	\$428	\$551	\$665
<input type="checkbox"/> RG25: Corporate Forum Registration	Complimentary (no access to any other portion of meeting)		
<input type="checkbox"/> RG29: Dental Hygiene Symposium Only	Course fees (must register for EV3)		
SECTION A: Registration Categories Total	\$		

Arrival Date ____/____/____ Departure Date ____/____/____

Rank hotels (1 to 8) by preference and check occupancy for each (one room per professional registrant). A credit card guarantee is necessary at the time of booking (expiration date of 10/18 or later). Experient will forward the credit card information to your hotel. The hotel will charge a one night's room and tax deposit to the credit card upon receipt of the reservation data in September 2018. Rates below are inclusive of a CAD\$17 per room per night rebate to Experient.

___ **Fairmont Waterfront (Co-Headquarters) City View Room**

☐ CAD\$260 Single ☐ CAD\$260 Double ☐ CAD\$290 Triple ☐ CAD\$320 Quad

___ **Pan Pacific (Co-Headquarters) Deluxe Room**

☐ CAD\$275 Single ☐ CAD\$275 Double ☐ CAD\$295 Triple ☐ CAD\$315 Quad

___ **Coast Coal Harbour Hotel Standard Room**

☐ CAD\$215 Single ☐ CAD\$215 Double

___ **Fairmont Pacific Rim Run of House**

☐ CAD\$335 Single ☐ CAD\$335 Double ☐ CAD\$365 Triple ☐ CAD\$395 Quad

___ **Four Seasons Run of House**

☐ CAD\$246 Single ☐ CAD\$246 Double ☐ CAD\$286 Triple

___ **Hyatt Regency Vancouver Standard Room**

☐ CAD\$244 Single ☐ CAD\$244 Double ☐ CAD\$279 Triple ☐ CAD\$314 Quad

___ **Marriott Pinnacle Downtown City View Room**

☐ CAD\$279 Single ☐ CAD\$279 Double ☐ CAD\$309 Triple ☐ CAD\$339 Quad

___ **Pinnacle Hotel Harbourfront Run of House**

☐ CAD\$279 Single ☐ CAD\$279 Double ☐ CAD\$309 Triple ☐ CAD\$339 Quad

☐ I plan to share with (full name): _____

☐ No hotel reservation needed.

If staying outside the AAP room block, indicate hotel: _____

Special needs: ☐ Audio ☐ Visual ☐ Mobile ☐ Other: _____



SECTION C: Ticketed Courses/Events (check box at left, indicate number of tickets, and total at right.) Please note: All course/event fees are in U.S. dollars. Availability is limited for ticketed courses/events. Visit members.perio.org/am2018 for the most up-to-date information and availability.

SATURDAY, OCT. 27	Time	Cost	Quantity	\$ Total
<input type="checkbox"/> IW2: Insurance Workshop: The Science of Coding: IW2A-D (all four sessions at discounted rate shown)	8 a.m. - 4 p.m.	\$275		
<input type="checkbox"/> IW2A: Insurance Workshop: The Science of Coding: Non-Surgical Periodontal Therapy	8 - 9:30 a.m.	\$80		
<input type="checkbox"/> EV1: The Periodontist in Turbulent Times: Systems to Stay Relevant	8 a.m. - noon	Complimentary ^a		
<input type="checkbox"/> EV3: Dental Hygiene Symposium	8 a.m. - 5 p.m.	\$149		
<input type="checkbox"/> HW1: Hands-On Workshop: Vertical Ridge Augmentation	8 a.m. - 5 p.m.	\$1,500		
<input type="checkbox"/> HW2: Hands-On Workshop: CBCT-Based Guided Treatment Planning and Advanced Surgical Therapies	8 a.m. - 5 p.m.	\$1,400		
<input type="checkbox"/> HW3: Hands-On Workshop: Full-Arch Immediate Load Conversion Prosthesis	8 a.m. - 5 p.m.	\$1,200		
<input type="checkbox"/> HW4: Hands-On Workshop: Treating Implant Complications	8 a.m. - 5 p.m.	\$1,400		
<input type="checkbox"/> EV5: Predoctoral Directors Business Meeting	8:30 - 10 a.m.	Complimentary ^c		
<input type="checkbox"/> IW1: Insurance Workshop: Medical Coding	9 a.m. - noon	\$250		
<input type="checkbox"/> IW2B: Insurance Workshop: The Science of Coding: Bone Grafting for Edentulous Areas	10 - 11:30 a.m.	\$80		
<input type="checkbox"/> IW2C: Insurance Workshop: The Science of Coding: Full-Arch Immediate Implant Treatment	12:30 - 2 p.m.	\$80		
<input type="checkbox"/> IW2D: Insurance Workshop: The Science of Coding: Anesthesia	2:30 - 4 p.m.	\$80		
SUNDAY, OCT. 28	Time	Cost	Quantity	\$ Total
<input type="checkbox"/> IW3: Insurance Workshop: Primer 101 and 201 (both sessions IW3A-B at discounted rate shown)	9 a.m. - 4 p.m.	\$450		
<input type="checkbox"/> IW3A: Insurance Workshop: Periodontal Coding Insurance Primer 101	9 a.m. - noon	\$250		
<input type="checkbox"/> EV11: Postdoctoral Directors Business Meeting	10:30 a.m. - noon	Complimentary ^d		
<input type="checkbox"/> EV6: Student and New Periodontist Session: Pearls and Pitfalls	12:30 - 3 p.m.	Complimentary ^d		
<input type="checkbox"/> IW3B: Insurance Workshop: Periodontal Coding Insurance Primer 201	1 - 4 p.m.	\$250		
<input type="checkbox"/> EV8: Student and New Periodontist Reception	7 - 9 p.m.	Complimentary ^d		
MONDAY, OCT. 29	Time	Cost	Quantity	\$ Total
<input type="checkbox"/> EV12: AAPF Estate Planning Breakfast	6:30 - 8 a.m.	Complimentary		
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