

The logo for the American Academy of Orofacial Pain (AAOP) is displayed in a bold, teal, sans-serif font. The letters 'A', 'A', and 'O' are stylized with a slight gap between them, and the 'P' is a solid block letter.

AAOP

American Academy of
Orofacial Pain

The text '49th Clinical & Scientific Meeting' is written in a white, serif font, following the curve of a white line that arches over a stylized white line-art illustration of the Arlington skyline, including the Washington Monument and the US Capitol dome. The background of the entire poster is a scenic photograph of cherry blossoms in full bloom along the Potomac River, with the Washington Monument visible in the distance under a sunset sky.

49th Clinical & Scientific Meeting

AAOP 2025

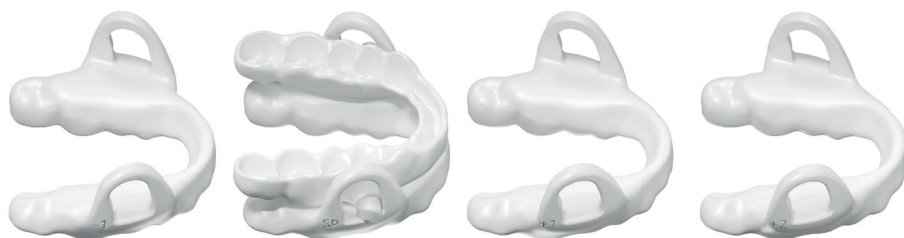
Arlington, Virginia
May 1-4, 2025

Clinical & Scientific Program



OrthoApnea NOA

The solution to Obstructive Sleep Apnea and Snoring



The dentist decides the titration sequence which can be progressive and controlled with the exchange of the lower splints.

Default sequence: -1, SP, +1, +2

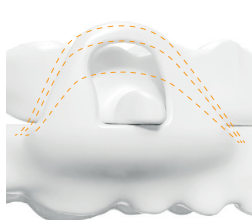
OrthoApnea NOA allows a wide range of customization to adapt to the clinical needs of each patient.



Controlled advancement sequence.



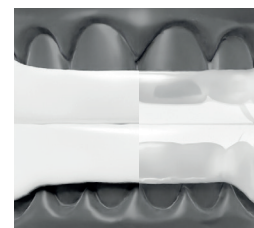
Designed based on the patient's mandibular movement.



Mouth opening limitation.



Laterality.



Increase/Decrease Vertical dimension.



Arlington, Virginia
May 1-4, 2025



Invitation from the 2025 Program Committee

Join us for the AAOP's 49th Clinical and Scientific Meeting in Arlington, Virginia over May 1-4, 2025.

Our theme in 2025 is: Current Insights, Bridging Gaps and Exploring Opportunities.

The meeting will open on Thursday with a full day of ticketed courses. The main program will begin Friday morning and feature a single track of sessions in the morning and afternoon with regular breaks for coffee and visits to the exhibition area. Multiple lunch sessions are scheduled for Friday and Saturday. The program on Sunday will take place only in the morning and feature two plenary sessions, presentations of abstracts, and closing remarks.

Session Topics

- Orofacial pain management
- Temporomandibular disorders
- Sleep-disordered breathing
- Biopsychosocial factors in orofacial pain
- Private practice management
- Physical therapy
- Headache medicine
- Pharmacotherapeutics

2025 Annual Scientific Meeting Committee



Seema Kurup
Co-Chair



Steven Bender
Co-Chair

AAOP Council 2024-2025

President

Mariona Mulet Pradera

President-Elect

Michele A. Schultz-Robins

Treasurer

Isabel Moreno Hay

Secretary

Brijesh P. Chandwani

Secretary-Elect

Thomas Weber

Council Vice-Chair

Robert W. Mier

Council Chair

Jeffrey I. Goldberg

Parliamentarian (Ex-Officio)

Maureen E. Lang

Council Members

Sherwin Arman

Shuchi Dhadwal

Alexander T. Vaughan

Jasjot K. Sahni

Seema Kurup

Maria F. Hernandez

General Information

Registration

Registration includes:

- Admission to all sessions on Friday, Saturday, and Sunday (May 2 – 4)
- Daily continental breakfast
- Refreshment breaks
- Lunch on Friday and Saturday (May 2 and 3)
- Admission to the President's Reception on the evening of Friday, May 2

Separate, individual tickets are required for each of the pre-conference workshops on Thursday, May 1.

Guest registrations are also available, allowing admission to the President's Reception and to the foyer area of the conference.

Conference Location

Crystal Gateway Marriott
1700 Richmond Highway
Arlington, VA 22202

Exhibits

Friday: 8:00am – 4:30pm
Saturday: 8:00am – 4:30pm

Poster Presentations

Poster presentations are on display in Salon 5 from Friday morning until the end of the day on Saturday. A brief video presentation by the author of each poster is available on the AAOP website.

Questions

If you have any questions or need additional information, contact the AAOP office at office@aaop.org.

AAOP Mission & Orofacial Pain Specialty

The American Academy of Orofacial Pain, an organization of dentists and other health professionals, is dedicated to alleviating pain and suffering through the promotion of excellence in education, research, and patient care in the specialty of orofacial pain and associated disorders.

Orofacial Pain (OFP) is the specialty of dentistry that encompasses the diagnosis, management and treatment of pain disorders of the jaw, mouth, face and neck. The specialty of Orofacial Pain is dedicated to the evidenced-based understanding of the underlying pathophysiology, etiology, prevention, and treatment of these disorders and improving access to interdisciplinary patient care.

ADA CERP® | Continuing Education Recognition Program

American Academy of Orofacial Pain 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.

Conference Clinical and Academic Learning Objectives

During the meeting attendees will:

1. Learn about the Orofacial Pain (OFP) dental specialty
2. Learn about and understand the relationship between OFP and headaches
3. Understand the interplay of biological, psychological, and social aspects of OFP
4. Explore the role of the dentist in sleep medicine and understanding of sleep disorders
5. Explore opportunities for interdisciplinary collaboration to foster better outcomes for patients
6. Learn about the role artificial intelligence (AI) currently plays
7. Explore the role of bruxism with regard to pain and wellness
8. Develop an understanding of challenges and opportunities related to management of a private practice

Better Together

The Facial Pain Association is the world's largest patient organization for those living with neuropathic facial pain and we are on a mission to provide resources and support to those in need.

In addition, we offer CE to general dentists to help them recognize orofacial pain and refer to specialists (like you). We're always looking for experts who can **help educate dentists AND treat people living with orofacial pain.**



**We can achieve more together
- make a difference and
get involved.**



FacialPain
Association

FacePain.org

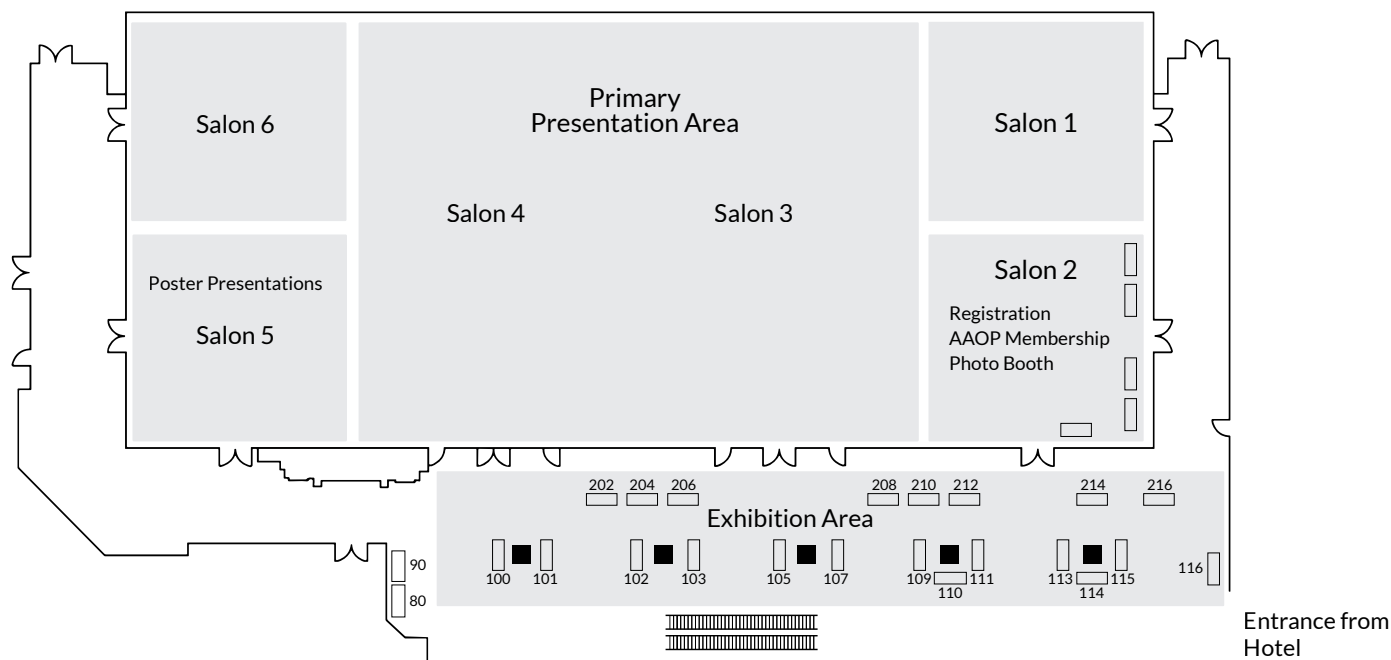
Committee Meetings

Committee	Chair(s)	Date	Time	Location
Membership	Jasjot Sahni Julie Smith	Thursday, 5/1	2:00pm	Manassas
Guidelines	James Hawkins Marcela Romero-Reyes	Thursday, 5/1	3:00pm	Manassas
CEOC	Gary Klasser Michele Schultz-Robins	Thursday, 5/1	4:00pm	Manassas
Resident/Academic Training	Sowmya Ananthan Hong Chen	Friday, 5/2	7:00am	Fairfax
Past President's Luncheon	Jeffrey Goldberg	Friday, 5/2	12:15pm	McLean
Residents & Recent Grads Luncheon	Maram Taema	Friday, 5/2	12:15pm	Alexandria
Mentorship	Seema Kurup	Friday, 5/2	5:50pm	Grand Ballroom Foyer

For a full list of committees and chairs, please visit aaop.org

Floor Plan and Exhibitors

Session Rooms and Exhibit Hall | Crystal Gateway Marriott



Exhibitor Name Table Number

AAOP Registration & Membership	Salon 2
AAOP Research Committee	#80
American Academy of Oral Medicine	#100
BioRESEARCH.....	#214
Diamond Orthotic Laboratory	#111-113
Facial Pain Association	#116
Fotona	#103
Kettenbach, LP	#109
Legally Mine	#202-206
Medical Expo Supplies	#110
MedTech International Group	#208

Exhibitor Name Table Number

Nierman Practice Management	#102
Oral IQ	#107
OrthoApnea	#115
Panthera Dental	#210
PTBCCT	#90
SomnoMed	#216
Synapse Dental	#101
Tian Medical	#105
True Function	#212
US Navy Dental Recruiting	#114

Speaker List

Thank you to all our speakers who are contributing their expertise and experience to the AAOP 2025 program. Speaker biographies are available online at aaop.org under the 2025 meeting website.

Alex Vaughan, DDS, MS	Luana Colloca, MD, PhD, MS
Amrittej Virk, DMD	Michael Glick, DMD
Arthur Moore III, DMD	Michael Strunc, MD
Aurelio Alonso, DDS, PhD, MS	Mitch Levine, MD
Clete Kushida, MD, PhD	Mojgan Hodaie, MD, MSc, FRCSC
Daniele Manfredini, DDS, MSc, PhD	Praveen Arany, PhD, DDS
Frank Dolwick, DMD, PhD	Richard Ohrbach, DDS, PhD
Jacy Stauffer, DMD	Ricardo Tesch, DDS, MS, PhD
Jan Dommerholt, PT, DPT, MPS	Rob Stanborough, PT, DPT, MHSc, MTC, CMTPT, FAAOMPT
Jenna Buth-Croes PsyD, LP	Steve Hargitai, DDS, MS
Jessica Ailani, MD, PhD	Tian Xia, DO
Joan Wang, DDS, MS	Steven Pohlhaus, DDS
Lori Reisner, PharmD, FCSHP	Vincent Ziccardi, DMD, MD



American Academy of
Orofacial Pain

50k by 50 Years

The American Academy of Orofacial Pain is approaching a significant milestone: **OUR 50TH ANNIVERSARY!**

To celebrate our history, the AAOP has launched an ambitious fundraising campaign to invest in the future of our field. Our goal is to raise \$50,000 by our 50th anniversary in 2026.

Funds raised in the 50k by 50 Years campaign are dedicated to funding research projects that advance the basic and/or clinical science of orofacial pain.

Give Directly →



Pre-conference Workshop

Half
Day



Ultrasound Guided Injections for the TMJ - Morning & Afternoon Session

8:00am – 12:00pm & 1:00pm – 4:30pm | Mast Labs 6400 Goldsboro Rd, Ste. 360 Bethesda, MD 20817

Program Directors: Ricardo Tesch, Aurelio Alonso

Learning objectives:

- **Treatment Selection:** Understand the indications and contraindications for lysis and lavage therapies, as well as intra-articular injections, in patients with TMJ osteoarthritis.
- **Blind Techniques:** Demonstrate the techniques for performing blind arthrocentesis and intra-articular injections using anatomical landmarks in the upper TMJ compartment.
- **Ultrasound Guidance:** Practice performing arthrocentesis and intra-articular injections in the lower TMJ compartment using ultrasound guidance, including proper probe manipulation and interpretation of ultrasound images.

Workshop Description:

When conservative therapies are not sufficient for management of temporomandibular joint (TMJ) osteoarthritis, minimally invasive procedures—such as joint lysis and lavage via arthrocentesis, followed by intra-articular injections of biologically active products—can provide substantial benefits. Biologics have shown efficacy in controlling tissue damage and alleviating associated symptoms, offering hope for improved quality of life for affected individuals.

While these procedures have historically relied on anatomical landmarks for guidance, recent advances in ultrasound-guided techniques have helped transform the landscape of TMJ interventions. By enabling real-time visualization, ultrasound guidance greatly enhances precision and effectiveness of procedures – improving patient outcomes and minimizing procedural risks.

Despite the potential benefits of ultrasound-guided procedures, teaching these advanced techniques presents unique challenges. Unlike other medical interventions that can be easily simulated, TMJ procedures require a deep understanding of the joint's complex anatomy and pathology. Furthermore, opportunities for hands-on practice in clinical settings are often limited, making it crucial to provide extensive training to ensure competency.

To overcome these challenges, this workshop aims to bridge the gap between theory and practice by offering participants comprehensive training in minimally invasive TMJ procedures, with a particular focus on ultrasound guidance. Participants can acquire the knowledge and skills necessary to confidently integrate these techniques clinically thanks to this course's blend of didactic lectures, demonstrations, and hands-on exercises.



**Ticket required
to attend**

Thursday, May 1

Pre-conference Workshop

Half
Day



Photobiomodulation for Pain Management

8:30am – 12:30pm | Salon 6 | Program Director: Praveen Arany

Learning objectives:

- To appreciate the fundamental biological rationale for individual light therapy;
- To understand the applications of PBM therapy in craniofacial pain management;
- To learn about recent advances in PBM mechanisms and dosing protocol.

8:30am – 10:00am

**Light Therapies, Safety, and Photobiomodulation
(PBM) Therapy**

10:00 – 10:30am

Break

10:30am – 11:15am

**PBM for Craniofacial Pain & TMD: Mechanisms &
Clinical Dosing**

11:15am – 12:30pm

Hands-on Demonstration and Exercises



*Ticket required
to attend*

Pre-conference Workshop

Full Day



The Conundrum of Pediatric Obstructive Sleep Apnea: An Interdisciplinary Approach

9:00am – 4:30pm | McLean 2nd Level | Program Directors: Clete Kushida, Mitch Levine

Learning objectives:

- Describe current interdisciplinary approaches to screening, assessing, and managing pediatric obstructive sleep apnea (OSA).
- Differentiate between various diagnostic considerations in pediatric sleep disorders, including OSA and other potential diagnoses, and understand the importance of considering endotype, phenotype, and the natural progression of untreated pediatric OSA in treatment planning.
- Identify and discuss various treatment modalities for pediatric OSA, including but not limited to rapid palatal expansion and functional appliances, while understanding the key differences in assessment, diagnosis, and treatment compared to adult OSA management

Workshop Description:

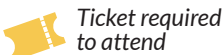
This session will integrate dentistry and medicine to provide attendees with an up-to-date review of coordinated efforts in managing pediatric obstructive sleep apnea (OSA).

The morning will begin with Jacy Stauffer, Assistant Professor and Program Director for the Advanced Education Program in Pediatric Dentistry at Oregon Health & Science University. Dr. Stauffer will introduce screening, intake, and assessment techniques for OSA, review etiological considerations, and present interdisciplinary case studies from her clinic.

Mitchell Levine, orthodontist and faculty member at UNC-Chapel Hill, will address the misconception of orthodontics as a singular solution for pediatric OSA. He will discuss the importance of considering endotype and phenotype, the natural progression of untreated pediatric OSA, and the role of facial growth. He will then explore the use of rapid palatal expansion and functional appliances in managing this condition.

Michael Strunc, child neurologist and sleep doctor, will present on pediatric sleep disorders broadly, sharing his approach to patient evaluation. His presentation will emphasize the importance of recognizing diagnoses beyond OSA.

Finally, Clete Kushida, Division Chief and Medical Director of Sleep Medicine at Stanford University, will discuss the assessment, diagnosis, and treatment of pediatric OSA, highlighting the key differences from adult OSA management.



**Ticket required
to attend**

Thursday, May 1

Pre-conference Workshop

Full Day



Manual Therapy for Myofascial Pain

9:00am – 5:00pm | Salon 4 | Program Director: Rob Stanborough

Learning objectives:

- Demonstrate a systematic approach to examining the cervical spine, sub-cranial spine and temporomandibular region.
- Identify common referred pain patterns generated by head, neck, and face musculature.
- Appropriately palpate and assess myofascial trigger points within upper quadrant musculature.
- Apply effective manual therapy techniques to eliminate myofascial trigger points in the head, neck and face.
- Apply effective manual therapy techniques to improve mobility and function of the sub-cranial and cervical thoracic junction.
- Provide appropriate instruction for patient self-management related to myofascial pain.

Workshop Description: The relationship between neck issues and temporomandibular disorders (TMD) is significant, with approximately 70% of TMD patients also experiencing neck pain. Optimal function of the head, neck, and jaw requires the integrated action of their structural and neural components. Unfortunately, current clinical approaches often treat the jaw and upper spine in isolation, overlooking the impact of myofascial connections, central sensitization, and referred pain, which are key factors in the persistent pain experienced by many with TMD. This course will delve into the anatomical, neurophysiological, and biomechanical links between the upper spine and TMD, explaining its contribution to both the development and persistence of pain. It will advocate for collaborative care and a systematic evaluation that considers the myofascial link between the jaw and spine, offering intervention strategies to unite these areas for more effective conservative TMD treatment.

Ticket required to attend

Manual Therapy For Myofascial Pain

Rob Stanborough, PT, DPT, MHC, MTC, FAAOMPT

This course explores how the cervical-thoracic connects to TMD-related pain and dysfunction, emphasizing collaborative care and a systematic approach to evaluation. It covers myofascial assessment and treatment strategies to integrate the jaw and spine for effective conservative management

Pre-Con Sign up

Register for AAOP Main Conference
May 2-4

Group room block until April 3

Thursday May 1st, 2025 at 8a-4p
Crystal Gateway Marriott, Arlington, VA
\$325 Contact Hours: 5.5

Join us for PTCON
Free social for PTs directly after Pre-Con!

Join the Conversation on Discord

All are welcome to engage! There will be discussions, meet-ups, and polls

Download Discord Now

Pre-conference Workshop

Half Day



Non-Invasive Pain Management: Tx360® Targeted SPG Block Therapy

1:00pm – 4:00pm | Salon 6 | Program Directors: Joan Wang, Tian Xia

Learning objectives:

- Review Sphenopalatine Ganglion (SPG) anatomy
- Understand role of the SPG in OFP and Headache disorders
- Review of literature and OFP applications for SPG block therapy
- Review of OFP clinical cases using SPG block therapy
- Understand the various methods currently available to administer SPG block therapy
- Understand what the Tx360® device is and how to use the device
- Understand how to handle insurance billing for SPG block therapy
- Hands-On Demo for participants to learn how to use the Tx360®

1:00pm – 1:05pm

Welcome / Intro / Overview of SPG block and Role in Managing OFP/Headaches

1:05pm – 1:20pm

SPG Anatomy

1:20pm – 1:40pm

Review of OFP Applications/Evidence for SPG Block

1:40pm – 2:10pm

OFP Case Reports

2:10pm – 2:20pm

Question & Answer Session

2:20pm – 2:35pm

Break

2:35pm – 2:45pm

Review of SPG Block Methods

2:45pm – 3:00pm

Overview of Tx360® and device use

3:00pm – 3:05pm

Billing: Insurance Coding

3:05pm – 3:15pm

Question & Answer Session

3:15pm – 4:00pm

Hands-On Demo with Tx360® device



Ticket required to attend



Arlington, Virginia
May 1-4, 2025

Friday, May 2

Scientific Program

Unless otherwise noted, all sessions are in Salons 3 & 4

7:15am - 8:00am | Arlington Foyer
Breakfast

8:00am - 8:06am
Welcome to AAOP 2025
Seema Kurup, Mariona Mulet

8:06am - 8:15am
Introduction to New AAOP Fellows
Mariona Mulet

8:15am - 8:20am
Introduction to New CCTTs
Mike Karegeannes

8:20am - 8:25am
\$50k for 50 Years
Beth Groenke

8:25am - 8:30am
Introduction to Keynote Address
Seema Kurup

8:30am - 9:15am
Keynote: Placebo & Nocebo Effects in OFP: Clinical, Social, & Biological Mechanisms
Luana Colloca

9:15am - 10:00am
Single Needle Arthrocentesis
Daniele Manfredini

10:00am - 10:15am
Question & Answer Session
Moderator: Steve Bender

10:15am - 10:30am
Break

10:30am - 11:15am
Sleep in Adolescent Patients & Special Populations
Michael Strunc

11:15am - 12:00pm
What is the Current Evidence for Dry Needling in Orofacial Practice?
Jan Dommerholt

12:00pm - 12:15pm
Question & Answer Session
Moderator: Mike Karegeannes

Scientific Program

12:15pm – 1:15pm

Lunch & Learn: Dry Needling Demonstration

Jan Dommerholt

12:15pm – 1:15pm | Salon 1

Lunch & Learn: Understanding and Implementing Accurate Orofacial Pain Coding

Alex Vaughan

12:15pm – 1:15pm | Salon 6

Industry-Sponsored Lunch & Learn: The Healing Power of PBM: An In-Depth Look at Fotona ComfortLase

Steven Pohlhaus (Fotona)

12:15pm – 1:15pm | Alexandria

Residents & Recent Grads Lunch Session

12:15pm – 1:15pm | McLean

Past Presidents' Luncheon

1:30pm – 2:15pm

Mapping the Neural Signatures of Pain: Artificial Intelligence Approaches to Trigeminal Neuralgia and Facial Pain

Mojgan Hodaie

2:15pm – 3:00pm

Headaches in Women

Jessica Ailani

3:00pm – 3:15pm

Question & Answer Session

Moderator: Marcela Romero-Reyes

3:15pm – 3:30pm

Break

3:30pm – 4:15pm

Oral Mucosal Pains

Steve Hargitai

4:15pm – 5:00pm

Functional Medicine in OFP

Arthur Moore III

5:00pm – 5:15pm

Question & Answer Session

Moderator: Andres Pinto

5:15pm – 5:50pm

AAOP General Membership Meeting

5:50pm – 6:30pm | Grand Ballroom Foyer

Mentorship Program Reception

6:30pm – 9:30pm | Grand Ballroom

President's Reception

Presidential Reception

Join us for a fun evening in the **grand ballroom** on **Friday** from **6:30-9:30PM**. Enjoy music, food and drinks, and the chance to connect with fellow attendees.

Open to all attendees/registered guests with badges



Arlington, Virginia
May 1-4, 2025

Saturday, May 3

Scientific Program

Unless otherwise noted, all sessions are in Salons 3 & 4

7:00am - 8:00am | Arlington Foyer

Breakfast

7:00am - 8:00am | Salon 1

Workshop: Access to Care: A Pathway Towards Improved Recognition of Our Specialty

Andres Pinto

7:00am - 8:00am | Salon 2

Workshop: Interdisciplinary Care: How to Improve Dentist/Physical Therapist Collaboration

Leslie Hovda, Vanessa Benavent, Erienne Blanchard

7:00am - 8:00am | Salon 6

Workshop: Shaping Future Strategies for Advancing Orofacial Pain Research

Ian Boggero, Beth Groenke

8:05am - 8:15am

Research Raffle

Beth Groenke

8:15am - 8:23am

Presidential Award & Honorary Membership Bestowment

Mariona Mulet

8:23am - 8:27am

An Update on ADEA Initiatives

Jack Botros

8:30am - 9:15am

Indications for Joint Surgery

Frank Dolwick

9:15am - 10:00am

Topical Review of Novel Therapies and OSA

Mitch Levine

10:00am - 10:15am

Question & Answer Session

Moderator: Jeff Shaefer

10:15am - 10:30am

Break

10:30am - 11:15am

The Intersection of Pain and Trauma

Jenna Buth-Croes

11:15am - 12:00pm

Trigeminal Nerve Injuries

Vincent Ziccardi

Scientific Program

12:00pm – 12:15pm

Question & Answer Session

Moderator: Jeffrey Goldberg

12:15pm – 1:15pm

Industry-Sponsored Lunch & Learn: Safeguard Wealth: Lawsuit Prevention and Tax Strategy
Legally Mine

1:25pm – 1:30pm

Research Raffle

Beth Groenke

1:30pm – 2:15pm

A Sceptic's Guide to Literature

Michael Glick

2:15pm – 3:00pm

Models of Care & Future of Orofacial Pain Medicine

Richard Ohrbach

3:00pm – 3:15pm

Question & Answer Session

Moderator: James Hawkins

3:15pm – 3:30pm

Break

3:30pm – 4:15pm

Pharmacotherapeutics

Lori Reisner

4:15pm – 5:00pm

Sleep: Advanced Monitoring

Clete Kushida

5:00pm – 5:15pm

Question & Answer Session

Moderator: Isabel Moreno Hay

5:15pm – 5:20pm

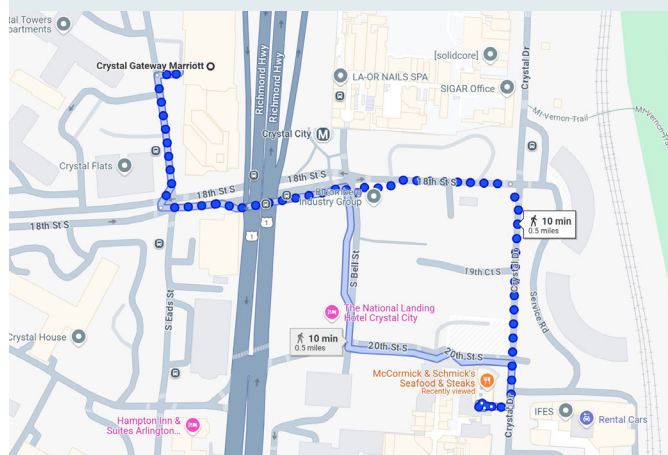
Research Raffle

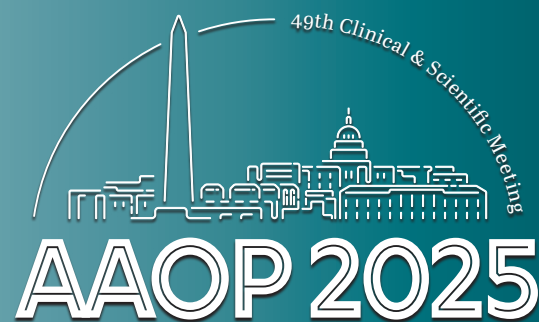
Beth Groenke

Join Us: AAOP Social Event

Enjoy complimentary light appetizers and the opportunity to connect with fellow conference attendees during a social hour at the **Highline RxR Beer Hall on Saturday from 7:00-10:00PM.**

Address: 2010 Crystal Dr Arlington, VA 22202





Arlington, Virginia
May 1-4, 2025

Sunday, May 4

Scientific Program

Unless otherwise noted, all sessions are in Salons 3 & 4

7:15am - 8:15am | Arlington Foyer

Breakfast

8:15am – 8:25am

Research Raffle

Beth Groenke, Fernanda Yanez Regonesi

8:30am – 9:30am

An Update on Bruxism: From the Definition to Management

Daniele Manfredini

9:30am – 10:30am

Practice Management

Amrittej Virk

10:30am – 10:40am

Question & Answer Session

Moderator: Steve Bender

10:40am – 10:55am

Oral Abstract Presentation: Transient Maximum Jaw Opening Causes Sustained Nociception and Changes in Proteins Implicated in Pain Signaling in Female but Not Male Sprague Dawley Rats: Evidence of Sexual Dimorphism in a Novel Preclinical TMD Model

Paul Durham

10:55am – 11:10am

Oral Abstract Presentation: Circulating Pituitary Adenylate Cyclase-Activating Polypeptide-38 in Adults with Migraine and Painful Temporomandibular Disorders: A Case-Control Study

Inna Tchivileva

11:10am – 11:25am

Oral Abstract Presentation: Enhancing Diagnostic Accuracy in Orofacial Pain: An Original Research

Anette Vistoso Monreal

11:30am – 11:45am

Video Presentation & Poster Awards

Moderator: Maria Hernandez Nuno de la Rosa

11:45am – 11:50am

Thank You from Meeting Chair

Seema Kurup

11:50am – 12:00pm

Looking Towards 2026

Michele Schultz-Robins, James Hawkins, Nojan Bakhtiari

Poster Abstracts

Poster presentations are on display in Salon 5 from Friday morning until the end of the day on Saturday. A brief video presentation by the author of each poster is available on the AAOP website.

1: Relationship Between Condyle-Capsule Distance and Effusion Volume and Location in the Temporomandibular Joint: A Case Report

Luciana Arcas

2: Unveiling the Unseen Culprit: A Case Report of Trigeminal Neuralgia in a Young Adult Revealing an Epidermoid Cyst

Vijay Asrani

3: Parotid Adenoid Cystic Carcinoma Presenting as a Temporomandibular Disorder: A Case Report

Stefany Barba

4: Assessment of the Communication Between the Superior and Inferior Compartments of the Temporomandibular Joint: An Ex Vivo Study

Thayanne Calcia

5: Facial Pain Presenting as Bell's Palsy Associated With Arachnoid Cyst Displacement of Cranial Nerves VII, VIII, and IX: A Case Report

Andy Cheung

6: Evaluating Handheld Ultrasound as an Innovative Tool for Chairside Masseter Muscle Assessment: A Pilot Study

Jonathan Chu

7: Calcitonin Gene-Related Peptide Modulates the Excitability State of Trigeminal Ganglion A δ and C Fiber Neurons to Depolarizing Stimuli: Implications for TMD and Migraine Pathology

Paul Durham

8: Diagnostic Accuracy of Ultrasonography for Temporomandibular Joint Disorders: A Cross-Sectional Study with Magnetic Resonance Imaging Correlation

Maria Geovania Ferreira

9: Diagnostic Challenging Case of Vector-Borne Illness

Sheetal Gajra

10: Photobiomodulation as a Non-Invasive Approach for the Treatment of Local Painful Post-Traumatic Trigeminal Neuropathy: A Clinical Case Report

Lais Granzoti

11: Effect of Tongue Posture on Masticatory Musculature Activity: A Review of Electromyography Studies

Scott Guthrie

12: Participation Patterns, Retention, and Adherence Barriers in a Randomized Clinical Trial of a Brief Psychological Intervention for Chronic Orofacial Pain

Salma Habib

13: Rabid, Effective Treatment of Myofascial Pain: A Large-Scale Multicenter Observational Study

Alain Haggiag

14: Low-Dose Naltrexone for Burning-Chin Pain After Inferior Alveolar Nerve Injury: A Case Report

Monica Hamilton

15: Botulinum Toxin for Chronic Neurovascular and Myofascial Orofacial Pain: A Case Report

Yaron Haviv

16: Impaired Keratinization in Burning Mouth Syndrome: Uncovering a Key Mechanism in Pathogenesis

Yaron Haviv

17: Long-Term Efficacy of Photobiomodulation Therapy in Burning Mouth Syndrome: A Retrospective Observational Study

Yaron Haviv

Poster Abstracts

18: Osteoporosis and Temporomandibular Disorders: A Systematic Review

Lauran Hensick

19: Characterizing Jaw Pain After Traumatic Brain Injury: A Case Control-Study

Talia Just

20: Persistent Pain on Chewing: A Case Report on When Myalgia May Indicate a Bigger Problem

Homa Kamyabi

21: Effectiveness of Photobiomodulation Therapy and Occlusal Splints in Managing Myofascial Pain Syndrome: A Randomized Controlled Trial

Akshay Katara

22: Progressive Condylar Growth With Ipsilateral Facial Pain and Occlusal Changes: A Case Report

Ziad Khoury

23: Retrospective Magnetic Resonance Imaging Analysis for Subchondral Bone Assessment in Different Phenotypes of Temporomandibular Joint Osteoarthritis

Isolanda Lemos

24: Condylar Resorption and Bone Regeneration Following Mandibular Trauma: A Case Report

Thiago Lima

25: Vestibular Migraine as a Co-Morbidity of Post-Traumatic Superior Semicircular Canal Dehiscence Syndrome: A Case Report

Bitu Maraghehpour

26: Platelet-Rich Fibrin Injections for the Management of Temporomandibular Disorders: A Case Report

Sachi Mehrotra

27: Management of Orofacial Pain in Multiple Sclerosis Patient: A Case Report

Chan Young Moon

28: Multimodal Management of Post-Traumatic Myofascial Orofacial Pain and TMD-Related Headache: A Case Report

Rutuja Markhede

29: Pre-Trigeminal Neuralgia Masquerades as a Toothache: A Case Report

Masakazu Okubo

30: Overlapping Symptoms of Chronic Paroxysmal Hemicrania and Temporomandibular Joint Disorders: A Case Report Highlighting Diagnostic Challenges

Manushi Patel

31: Overcoming Management Hurdles in Post-Traumatic Trigeminal Neuropathy: A Case of Unresolved Pain Despite Multiple Treatments

Manushi Patel

32: Transient Deafness Secondary to Mouth Closure: A Rare Case of Soft Tissue Compression on the External Auditory Canal

Bahareh Pouya

33: Platelet-Rich Plasma as a Regenerative Therapy for Temporomandibular Joint Osteoarthritis: A Case Report With Imaging Evidence of Bone Regeneration

Bahareh Pouya

34: Occlusal Discomfort Caused by Mucus Retention in the Masticator Space: A Case Report

Moe Sakurai

35: Current Status of Temporomandibular Disorders Education in U.S. Predoctoral Dental Curricula: A Nationwide Survey

Linda Sangalli

Poster Abstracts

36: Conservative Management of Burning Mouth Syndrome: A Case Report

Shabnam Seyedzadeh Sabounchi

37: Patient-Reported Outcome Measure Recall Periods for Symptoms and Dysfunction in Temporomandibular Disorders: A Targeted Literature Review

Jacob Soliman

38: Patterns and Periodicity of Jaw Pain in Temporomandibular Disorders: A Patient Survey to Inform Clinical Trial Design

Jacob Soliman

39: Influence of Demographic, Clinical, and Psychosocial Factors on Patient Expectations in the Treatment of Orofacial Pain and Temporomandibular Disorders: A Retrospective Study

Juliana Stuginski-Barbosa

40: Alternative Interventions for Hypnic Headache Using Caffeine: A Clinical Case Report

Sunaina Swatantramath

41: Analysis of Synovial Fluid Concerning the Optimal Volumes for the Inferior Temporomandibular Joint Compartment Lavage: A Case Report

Esther Takamori

42: Interaction Between Chondrocytes With Hyaluronic Acid Associated or Not With Platelet-Rich Fibrin: An in Vitro Study

Esther Takamori

43: Evaluation of the Oral Behavior Checklist in Patients with Temporomandibular Disorders: A Retrospective Study

Leticia Tesch

44: Unilateral Facial Nerve Paralysis Secondary to an odontogenic Infection: A Case Report

Maryam Yazdizadeh

45: Construction of a Novel Surgical Implant to Address Iatrogenic Atypical Trigeminal Neuralgia Following Obstructive Sleep Apnea Surgery: A Case Report

Kun Yoon

46: Chronic Postsurgical Pain After Temporomandibular Joint Surgery: A Prospective Study Documenting Clinical Characteristics and Comorbidities

Maya Youness

Sponsors, Exhibitors, and Non-Profit Partners

Thank you to our sponsors and exhibitors for supporting AAOP 2025 in Arlington! We encourage our attendees to connect and network with our participating companies during exhibition, special lunch sessions, and the President’s Reception on Friday evening.

Gold Sponsor



Silver Sponsor



Bronze Sponsor



Exhibitors



Non-Profit Partners



Sponsors, Exhibitors, and Non-Profit Partners

Organizations listed in alphabetical order.



Table #80

American Academy of Oral Medicine

American Academy of Oral Medicine (AAOM) is the membership organization representing the discipline of Oral Medicine. Our membership provides care to thousands of our nation's youth and adults whose underlying medical condition affects oral health and the delivery of dental care.



Table #214

BioRESEARCH

BioRESEARCH is the world leader in therapeutic laser therapy for reduction of pain and inflammation. Immediate gratification for your patients can be yours with cutting edge MLS Laser Therapy. Help your patients get off of their meds, prescriptions, opioids within just a few treatments.



Table #111-113

Diamond Orthotic Laboratory

Diamond Orthotic Laboratory (DOL) is a specialized laboratory that offers a full line of orthotics and digital solutions to treat patients with chronic and acute orofacial/craniofacial pain and sleep breathing disorders. Our foundation was built upon quality, accuracy, and providing our clients with a consistent pathway to better assist their patient's needs. We are committed to innovation in healthcare, offering biofriendly appliances for better health, ensuring the well-being and comfort of our patients.



Table #116

Facial Pain Association | facepain.org

The Facial Pain Association (FPA) is the world's largest patient organization supporting all people affected by neuropathic facial pain. Leading the world in resources and healthcare guidance, the FPA's mission is to serve those with neuropathic pain, including trigeminal neuralgia, through support, education and advocacy. Guiding the FPA is a volunteer Board of Directors and Medical Advisory Board composed of experts in neurosurgery, neuroscience, pain management, mental health, and dentistry.



Silver Sponsor

Table #103

Fotona | fotona.com

Globally recognized for exceptional product performance and versatility, Fotona® designs, engineers and distributes award-winning dental, aesthetic and medical lasers. The Fotona LightWalker® is a state-of-the-art, high performance medical laser that offers dental professionals the widest range of highly effective hard and soft tissue treatments, in the world. The Fotona LightWalker®'s easy-to-select operating modes and advanced laser-beam delivery systems enhance the precision and performance of each laser treatment for optimal clinical efficacy.



Table #109

Kettenbach, LP | kettenbach-dental.us

Kettenbach is an industry leader in developing and manufacturing elite, German made, impression, resin restorative, bite management and preventive materials that allow the clinician to experience exceptional, predictable results. We now offer QuickSplint Temporary Anterior Bite Plane designed to provide an easy, quick method to deprogram a bite. Enjoy the Kettenbach® Advantage. Performance and Price, Sold Direct to you. 877-532-2123.



Gold Sponsor

Table #202-206

Legally Mine

Legally Mine is a legal services company designed to protect business and personal assets as well as finding legitimate means of lowering tax liabilities. The company has been in business in its current format since 2007 and currently has more than 12,000 clients primarily coming from the medical and dental communities. Our priorities are education of the medical and dental communities through our seminars and preparing our clients to defeat both trial attorneys and over burdensome taxes.

Sponsors, Exhibitors, and Non-Profit Partners



Table #110

Medical Expo Supplies

We offer a micro current device used for pain and sleep disorders. Our wearable devices are designed to reactivate the brain and encourage the body's own natural recovery process.



Table #208

Med-Tech International Group

Med-Tech International is a mission-driven company. For us, that means a strong collaboration with our clinical partners to continuously deliver innovative and alternative therapies to fulfill clinical needs and improve patient outcomes.



Table #102

Nierman Practice Management

Nierman Practice Management's (NPM) software and medical billing solutions for TMD, orofacial pain, and sleep apnea treatment include DentalWriter Plus+, a complete cloud software to streamline cases. Customizable questionnaire and exam forms, fluid narrative reports, powerful referral building, and seamless reimbursement through Nierman Medical Billing Services, DentalWriter Plus+ saves time and facilitates growth. With 36 years of trust, NPM provides the education, systems and support for success in orofacial pain and sleep apnea services.



Bronze Sponsor

Table #107

Oral IQ

Oral IQ LLC are the self-proclaimed World leaders in affordable, handheld PBM (Photobiomodulation) devices with the revolutionizing PBM Light + and PBM PRO developed for preventing post-op pain, reducing inflammation and promote wound healing, safely and efficiently. The PBM Light series is the ultimate self-care tool for medical professionals and dental patients, to be used both in clinic and at home.

OrthoApnea

Table #115

OrthoApnea

OrthoApnea is a global company specialized in developing, producing and distributing MADs. Our main device is the OrthoApnea NOA, a new and uniquely sophisticated mandibular advancement device clinically proven to treat obstructive sleep apnea and snoring. Our own patented Orthoapnea NOA is completely manufactured in a digital and personalized environment considering the mandibular biomechanics of each patient. In addition, NOA is a nylon splint making a strong, flexible and lightweight yet durable appliance.

Sponsors, Exhibitors, and Non-Profit Partners

Sponsors and exhibitors listed in alphabetical order.



Table #210

Panthera Dental | pantheradental.com

Panthera Dental is committed to design and manufacture custom-made dental restorations, sleep breathing disorder solutions and implantology products using proprietary CAD/CAM processes, smart manufacturing and superior quality materials. Panthera's highly skilled and passionate team is dedicated to provide the highest quality outcomes and to deliver state-of-the-art solutions to dental, medical and sleep professionals who strive to improve patients' quality of life worldwide.



Table #90

PTBCCT

The PTBCCT functions as an independent 501-C non-profit organization offering annual continuing education opportunities and certification examinations to physical therapists that meet specific clinical and educational eligibility requirements. Our ultimate goal is to improve the delivery of patient care in this specialty area by enhancing and promoting the evaluative and therapeutic areas in which an experienced physical therapist can enhance the dental management of the patients that we treat.



Table #216

SomnoMed

SomnoMed is the global leader in Oral Appliance Therapy (OAT), operating in 28 countries and helping over 940,000 patients to date. Highlighting OAT as an effective first-line therapy option, SomnoMed fosters collaborative treatment partnerships and frictionless pathways between sleep physicians and qualified dental sleep professionals.

Known for First Time Fit quality, comfort, durability, and industry-leading warranties, SomnoMed oral devices are crafted

using advanced manufacturing methods to ensure a reliable fit and long-lasting performance. Our SomnoDent Avant® and SomnoDent Herbst Advance Elite® are designed for both optimal patient comfort with our proprietary b-flex Comfort Liner™ and exceptional durability using precured PMMA. With PDAC-approved devices - the SomnoDent Avant® (PDAC code K1027), the SomnoDent Herbst Advance Elite® (Medicare E0486), and the SomnoDent Flex® (PDAC code K1027) - SomnoMed is expanding access to oral appliance therapy while ensuring compliance with Medicare reimbursement guidelines.

Committed to clinical excellence, innovation, and accessibility, SomnoMed continues to set the standard in treating OSA patients - delivering patient-friendly solutions that support both providers and their patients. Together, let's treat more OSA patients, more effectively!



Table #101

Synapse Dental

Synapse Dental is the maker of the award-winning Dental Pain Eraser, the world's first electronic dental anesthesia solution that prevents and relieves oral pain instantly without needles, drugs or gels!

Using neuromodulation technology, the Dental Pain Eraser sends gentle, subsensory electric pulses to calm the nerves in the mouth and block both soft and hard tissue pain. It is a non-invasive and non-pharmacologic solution that provides the most comfortable patient experience in the dental chair AND at home.

Get ready to increase starts, referrals and revenue by giving patients a uniquely positive experience that sets your practice apart. In addition to providing a new standard of patient care, the practice-branded Dental Pain Eraser acts as a powerful marketing tool.

Sponsors, Exhibitors, and Non-Profit Partners



Table #105

Tian Medical

Tian Medical is primarily engaged in research and development of biotechnology and life sciences. Tian Medical’s innovation, the Tx360® Nasal Applicator, through its unique design and superior functionality, is making groundbreaking strides in targeting the SPG. The Tx360® is FDA cleared, a testament to the commitment of offering modernized, minimally invasive method of delivering medication. This device allows easy, safe, and instant access to the innermost hidden area of the nasal pathway, including the area of the inferior turbinate, superior turbinate, and sphenopalatine foramen.

The Tx360® is proudly manufactured in the USA, and distributed to hundreds of healthcare professionals, hospitals and institutions throughout the United States, Canada, and the European Union.



Table #212 | truefunction.com

True Function Laboratory

In 1999, when Frank Madrigal was working as a dental assistant, he noticed a lack of expertise, service, and quality in the dental appliance industry. He envisioned creating the most hassle-free laboratory for clinicians offering modern high-tech fabrication and old-fashioned customer service. In that moment, True Function found its humble beginnings.

What started as a small dental lab operating out of a dentist’s office has grown to become a leading fabricator of dental appliances for the treatment of OSA, TMJ splints, and Occlusal guards. True Function has and will always be committed to providing its clients with peace of mind to their patients with a device that is true to fit and function.



Table #114

United States Navy Dental Recruiting

U.S. Navy Dental Corps. Become a global ambassador of dental health – with financial assistance available. Learn more at the Navy booth or visit navy.com/healthcare.

Exhibit Hall	
Exhibitor	Table Number
AAOP Registration & Membership	Salon 2
AAOP Research Committee	#80
American Academy of Oral Medicine	#100
BioRESEARCH.....	#214
Diamond Orthotic Laboratory	#111-113
Facial Pain Association	#116
Fotona	#103
Kettenbach, LP	#109
Legally Mine	#202-206
Medical Expo Supplies	#110
MedTech International Group	#208
Nierman Practice Management	#102
Oral IQ	#107
OrthoApnea	#115
Panthera Dental	#210
PTBCCT	#90
SomnoMed	#216
Synapse Dental	#101
Tian Medical	#105
True Function	#212
US Navy Dental Recruiting	#114

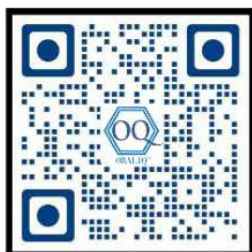
PBM Light from Oral IQ



Oral IQ is a healthcare company who developed portable PBM Light devices that emit multiple red and infrared light to relieve pain, promote healing and recovery. The PBM Light devices are suitable for clinics and at home treatments.

PhotoBioModulation Therapy Units

- Safe, Effective
- User friendly
- Portable
- Affordable
- Pain reduction
- Healing benefits
- Versatile application
- FDA, CE Certified



Oral IQ LLC
www.theOQ.shop
www.PBMTPRO.com
hello@theOQ.shop
+1 (818) 925-4497
Los Angeles, Ca USA



Keep
What You
Earn.



LEARN TO USE THE SAME
STRATEGIES AMERICA'S MOST
SUCCESSFUL CORPORATIONS
HAVE BEEN USING FOR OVER
40 YEARS.

LUNCH
PROVIDED

Saturday, May 3rd
12:15pm-1:15pm



TAX SAVINGS

Tax saving strategies designed to
put money back in your pocket



ASSET PROTECTION

Entity structuring to maximize
protection from lawsuits



ESTATE PLANNING

The best way to protect your family if
something happens to you



1-800-375-2453

1337 E 750 N Orem, UT 84097

legallymine.com



AAOP 2026

Disney's Grand Floridian Resort

April 30 - May 3, 2026