

Clinical & Scientific Program



AMERICAN ACADEMY OF OROFACIAL PAIN

AAOP 2024

48th Clinical and Scientific Meeting

*Management of Orofacial Pain:
Weighing the Evidence*

May 9-12, 2024

Talking Stick Resort | Scottsdale, Arizona

Message from the 2024 Program Committee

Welcome to the 48th clinical & scientific meeting of the American Academy of Orofacial Pain (AAOP). We are honored to have you with us.

As the official sponsoring organization of the dental specialty of Orofacial Pain, the AAOP is the premier professional academy dedicated to alleviating the suffering of patients afflicted with painful disorders of the jaw, mouth, face, head and neck. This meeting provides a unique opportunity to tap into the interdisciplinary knowledge of dental and medical specialists, physical therapists, psychologists, and researchers whose expertise is dedicated to treating pain and promoting patient wellness.

The theme of our meeting – “Management of Orofacial Pain: Weighing the Evidence” – reflects AAOP’s commitment to provide attendees with information that is up to date, scientifically supported, and clinically relevant. We invite you to review the world-class speakers and the schedule of presentations, which includes sessions on temporomandibular disorders, headache, dental sleep medicine, pain neuroscience education, and more. We are confident that you will leave this meeting empowered with knowledge and tools to better serve your patients and to bolster your practice.

Be sure to take advantage of your time in Scottsdale to get to know your fellow attendees. The President’s Reception on Friday evening presents an excellent opportunity to socialize and network. We are also fortunate to have many high-quality sponsors and exhibitors at this year’s meeting. Please visit with each of them and listen to their presentations.

Again, thank you for joining us. Enjoy the meeting!

2024 Annual Scientific Meeting Committee:



Isabel Moreno Hay, DDS, PhD
Co-Chair



Thomas Weber, DDS, MS
Co-Chair

Jennifer Bassiur, DDS
Eveline Erni, PT, MA, CMA, CCTT, CODN
Alberto Herrero Babiloni, DDS

AAOP Council 2023–2024

Jeffrey I. Goldberg
President

Mariona Mulet
President-Elect

Michele A. Schultz-Robins
Treasurer

Isabel Moreno Hay
Secretary

Brijesh P. Chandwani
Secretary-Elect

Robert W. Mier
Council Chair

Jeffrey R. Shaefer
Council Vice-Chair

Council Members:

Sherwin Arman
Shuchi Dhadwal
James Hawkins
Jasjot K. Sahni
Alexander T. Vaughan
Thomas Weber

Nojan Bakhtiari
Parliamentarian

Allan O'Bryan
Executive Director



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OF OROFACIAL PAIN**

General Information

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.

Who Should Attend?

All interested dentists, physicians, physical therapists, researchers, mental health care professionals and other practitioners who diagnose, manage, and treat orofacial pain disorders.

ADA C.E.R.P.[®] | 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 and understand about the Orofacial Pain (OFP) dental specialty
2. Learn about and understand the relationship between OFP and headaches
3. Understand the diagnosis and management of pain in adults, adolescents, and children
4. Explore the role of the dentist in sleep medicine and understanding of sleep disorders
5. Explore the role of the dentist in patient wellness
6. Learn about the National Academies report on TMD
7. Explore the role of bruxism with regard to pain and wellness
8. Develop an understanding of access to care issues in orofacial pain practices



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General Information

How To Register

Register for AAOP 2024 online through the AAOP website. Visit aaop.org to register quickly and easily.

Your main registration includes:

- Admission to plenary scientific sessions
- Daily continental breakfast
- Refreshment breaks
- Lunch on Friday and Saturday
- Admission to the President's Reception on the evening of Friday, May 10
- Each Lunch and Learn session on Friday, May 10 and Saturday, May 11

Separate tickets are required for each of the pre-conference workshops on Thursday, May 9.

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

Hotel Location & Accommodations

Talking Stick Resort
9800 E Talking Stick Way
Scottsdale, AZ 85256

Exhibits

Educational and informational displays of companies relevant to the treatment of orofacial pain and/or your practice will be available for viewing and interaction during the conference.

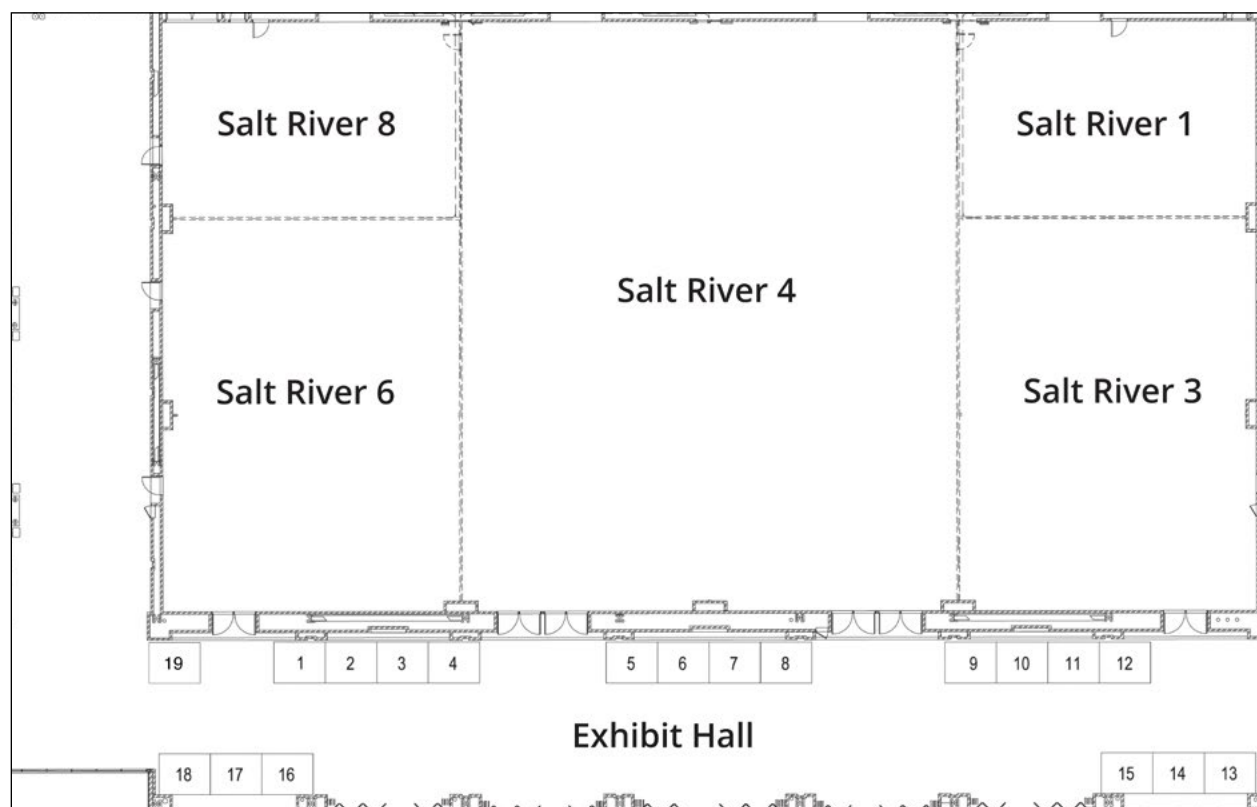
Questions

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



Floor Plan

Session Rooms and Exhibit Hall | Talking Stick Resort



Exhibitor Name	Table Number
OrthoApnea	1
Speed2Treat	2
Team Dentistry.....	3
Legally Mine.....	4
Nierman Practice Management	5
MedTech International Group.....	6
IB Natural.....	7
Institute for Advanced Airway Studies	8
True Function	9
Medical Expo Supplies.....	10

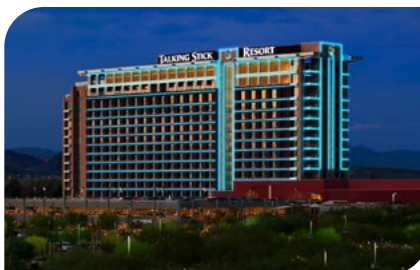
Exhibitor Name	Table Number
Physical Therapy Board of Craniofacial and Cervical Therapeutics.....	11
Diamond Orthotic Laboratory.....	12
AAOP Membership	15
Panthera Dental	16
American Headache Society	17
Facial Pain Association	18
Growth into Greatness Institute	19



Faculty

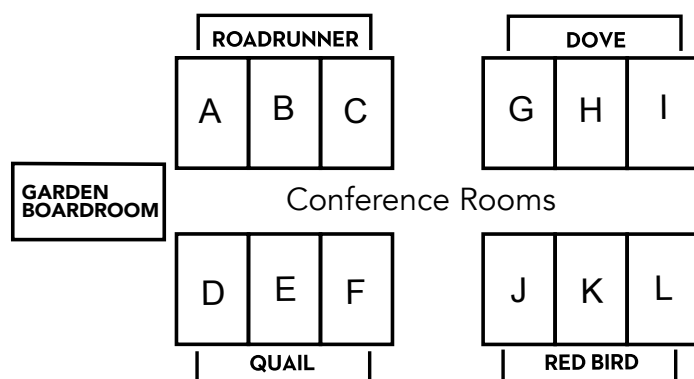
Thank you to all of our speakers who are contributing their expertise and experience to the AAOP 2024 program.

Adriaan Louw, PT, PhD	Fernando Exposto, DDS, MSc, PhD	Michele Schultz-Robins, DMD
Alan Withall	Frank Lobbezoo, DDS, PhD	Nick Rainey, PT, DPT
Alberto Herrero Babiloni, DDS, MS	Gary Klasser, DMD	Nojan Bakhtiari, DDS
Alex Vaughan, DDS, MS	Ian Boggero, PhD	Pratishtha Mishra, BDS, MDS, MS
Andres Pinto, DMD, MBA, MSCE	Ifrana Zaman, DDS	Roger Fillingim, PhD
Andrew Mitchell, DDS	Jack Botros, DDS	Seema Kurup, MDS, MS
Ashkan Saadi, DMD	James Hawkins, DDS, MS	Sherwin Arman, DMD, MPH
Beth Groenke, DDS, MS	Janey Prodoehl, PT, PhD, CCTT	Steven Bender, DDS
Brett Weiss, PT, DPT, CCTT, CEAS	Jelena Janjic, PhD, "Dr. J"	Steve Hargitai, DDS, MS
Brian McGeeney, MD, MPH, MBA	Katayoun Omrani, DDS	Thomas Stark, DDS
Brigitte Lovell, DMD	Marcia Rojas, DDS, MS, MPH	TJ Robbins, DMD
Brijesh Chandwani, DMD, BDS	Mark Balog, CPA	Willem De Hertogh, PT, MSc, MT, PhD
Dania Tamimi, BDS, DMSc	Micah Dowling, DDM	
Denielle Medynski, DDS	Michael Karegeannes, PT, MHSC, LAT, MTC, CFC, CCTT, CMTPT	
Donald Tanenbaum, DDS, MPH		
Emily Kahnert, DPT, CCTT, PhDc		
Fernanda Yanez, DDS, MS		



Pre-conference Committee Meetings

Day	Meeting Time	Committee	Room
Wednesday	6:00pm - 8:00pm	Executive Committee	Orange Sky
Thursday	11:30am - 1:00pm	CE Oversight and Program Committees	Dove I
Thursday	11:30am - 1:00pm	Professional Relations	Garden Boardroom
Thursday	11:30am - 1:00pm	Publications	Dove G
Thursday	11:30am - 1:00pm	Resident and Academic Training	Redbird J
Thursday	11:30am - 1:00pm	Strategic Planning	Dove H
Thursday	4:00pm - 5:30pm	Budget	Redbird J
Thursday	4:00pm - 5:30pm	Access To Care	Dove G
Thursday	4:00pm - 5:30pm	Membership	Dove H
Thursday	4:00pm - 5:30pm	Sister Academies	Garden Boardroom
Thursday	4:00pm - 5:30pm	Physical Therapy	Dove I
Thursday	6:30pm - 10:00pm	AAOP Council and Chairs	Salt River 4
Saturday	7:00am - 8:00am	Program Directors Breakfast	Salt River 8



You are Invited to the Inaugural

Condyle Classic

Sunday, May 12, 2024 | Talking Stick Golf Club

Sunday, May 12, 2024 | Talking Stick Golf Club

Time: 2:00 PM tee time

Cost: \$95 per person + \$75 club rental

To sign up, email Micah Dowling at drmicahdowling@gmail.com

To pay over the phone call the club directly at **(480) 860-2221**

talkingstickgolfclub.com



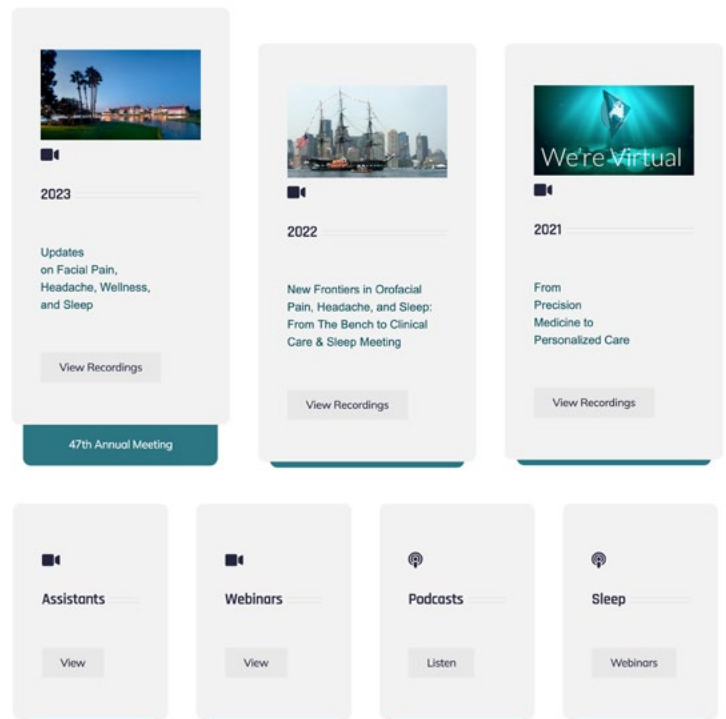
**AMERICAN ACADEMY
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Your AAOP Learning Portal

Did you know AAOP members have access to over 30 hours of accredited educational content at aaop.org?

Watch presentations on a range of topics in orofacial pain, sleep dentistry, and practice management – plus recorded sessions from the 2023, 2022, and 2021 AAOP scientific meetings. All are easy to watch in the AAOP Learning Portal at aaop.org.

Select an Event



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Access the AAOP Learning Portal

1

Go to
aaop.org/aaop-learning-portal

2

Log in using your email as username
and your AAOP member ID number
as the password.

Pre-conference Workshop

Orofacial Pain Introductory Program

8:00am – 5:00pm | Room 6 | Course directors: Fernanda Yanez, Seema Kurup

Summary

The Orofacial Pain Introductory course provides a basic overview of the evaluation, diagnosis and management of the most common Orofacial pain conditions encountered in the general practice setting. It provides an opportunity for clinicians to recognize different clinical scenarios and provides tools for identifying proper referral to Orofacial pain specialists.

8:30am – 8:55am

Welcome and Introduction to Orofacial Pain
Seema Kurup

12:00pm – 12:45pm

Refractory Tooth Pain “Think Outside the Box”
Pratishtha Mishra

9:00am – 9:40am

Anatomy and Imaging of the Masticatory System
Beth Groenke

12:45pm – 1:00pm

Question & Answer

1:00 pm – 2:00pm

Lunch Break

9:45 am – 10:30am

Interview Taking and Physical Examination of the OFP Patient
Marcia Rojas

2pm – 2:45 pm

Case Presentation
Seema Kurup

10:30am – 10:45am

Question & Answer

2:50pm – 3:40pm

Tools For Initial Management of Patient With Temporomandibular Disorder
James Hawkins

10:45 am – 11:00 am

Break

3:45pm – 4:15pm


Oral Appliance Therapy for TMD
Alex Vaughan

11:00 am – 11:55am

The Art of Diagnosis: Exploring Painful and non-Painful Temporomandibular Disorders
Fernanda Yanez

4:15pm – 4:30pm

Question & Answer

 *Ticket required to attend*

Pre-conference Workshop



The Neuroscience of Pain: Clinical Application Strategies for the Management of Persistent Pain

9:00am – 4:00pm | Room 4 | Course director: Eveline Erni

Summary

With high rates of chronic pain and the opioid epidemic, various strategies are being explored to help patients with chronic pain. In the last 20 years, pain neuroscience education (PNE) emerged in rehabilitation as an evidence-based, clinically applicable approach to help people with chronic pain. PNE aims to teach patients more about their underlying biology and physiology of their pain experience, using metaphors, examples, and images. To date, a dozen meta-analyses and systematic reviews have shown strong evidence for PNE to positively influence pain ratings, disability scores, limited movement, fear-avoidance, pain catastrophizing and healthcare utilization. Additionally, when PNE is combined with behavioral and movement-based treatments (PNE+), it yields even superior results. PNE literature is now becoming common-place in medical journals, and it is proposed that ideally all healthcare providers would collectively use PNE to provide evidence-based, multidisciplinary care for people with chronic pain. First, this lecture aims to update medical providers on the latest neuroscience of pain, followed by a session describing how PNE, along with other non-pharmacological treatments can help people in pain. A key part of the session will delve further emerging research that shows how interaction, especially words used by healthcare providers can increase pain (WordsHARM), but also, more importantly strategies to use to decrease fear, anxiety, catastrophizing and ultimately...pain (WordsHEAL). This session does not only apply to chronic pain, but all phases of pain and a must for all medical providers seeking to decrease pain, disability and suffering of those experiencing pain.

9:00am - 10:30am

The Neuroscience of Pain

Adriaan Louw

1:15pm - 2:45pm

Words that Harm and Words that Heal

Adriaan Louw

10:30am - 10:45am

Break

2:45pm - 3:00pm

Break

10:45am - 12:15pm

PNE + Nonpharmacological Treatment Strategies for Pain

Adriaan Louw

3:00pm - 3:45pm

Case-based Learning: Clinical Application and Clinical Pearls

Adriaan Louw

12:15pm - 1:15pm

Lunch Break

3:45pm - 4:00pm

Question & Answer



Ticket required to attend

Pre-conference Workshop



Introduction to the Management of Sleep-related Breathing Disorders with Oral Appliances

9:00am – 4:00pm | Room 8 | Course director: Sherwin Arman

Summary:

This pre-conference course is designed for dental professionals who plan to introduce sleep apnea treatment for their patients. It is a full day course that starts off with the basics: definitions, epidemiology of sleep-related breathing disorders (SRBD), and the role of dental treatments in the management of sleep apnea. The course will then move into explanations for the pathophysiology of SRBDs and phenotyping of OSA patients who are candidates for treatment with dental appliances.

The afternoon session will involve “hands on” teaching and practice for the examination and treatment of the OSA with the most used dental appliances.

9:00am - 10:00am

Course Introduction

Jeff Shaefer

10:00am - 11:00am

Understanding Sleep Apnea

Ashkan Saadi

11:00am - 11:15am

Coffee Break

11:15am - 12:00pm

Management of Obstructive Sleep Apnea

Steven Bender

12:00pm - 1:00pm

Oral Appliances

Sherwin Arman

1:00pm - 2:00pm

Lunch Break

2:00pm - 4:00pm

Hands-on Instruction for Dental Treatment of SRBDs

Facilitators: Jeff Shaefer, Sherwin Arman, Aurelio Alonso, Ashkan Saadi and others from AAOP Sleep Committee

4:00pm - 4:30pm

Question & Answer



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*Ticket required
to attend*

Pre-conference Workshop

Orofacial Pain Private Practice

9:00am – 4:00pm | Room 3 | Course director: Nojan Bakhtiari

Summary:

The Orofacial Pain (OFP) Private Practice course provides information that will help new and established OFP practitioners establish and maintain a financially successful OFP practice that is committed to the highest level of quality of care. Presentations will cover practice management models that will review private practice and hospital practices, transitioning from general to OFP practice, and in-house OFP services for multiple referring group practices. Start-up, corporate organization, supplier, and working with professional advisors will be covered.

9:00am - 9:30am

Introduction & Overview

Nojan Bakhtiari

9:30am - 10:15am

Practice Model 1: Hybrid OFP Private Practice and Hospital-affiliated OFP Practice

Katayoun Omrani

10:15am - 11:00am

Practice Model 2: Transitioning from General Dentistry to an OFP Private Practice

Michele Schultz-Robins

11:00am - 11:15am

Question & Answer

11:15am - 11:30am

Break

11:30am - 12:15pm

Practice Model 3: Start-up Orofacial Pain Practice

Nojan Bakhtiari

12:15pm - 12:30pm

Question & Answer

12:30pm - 1:30pm

Lunch

1:30pm - 2:15pm

Practice Model 4: Providing in-house OFP Services in Multiple Group Practices

Brijesh Chandwani

2:15pm - 3:00pm


Corporate Structuring and Working With Professional Advisors

Mark Balog

3:00pm - 3:45pm

Dental Supplier Perspective on the Nuances of an Orofacial Pain Practice

Alan Withall

 Ticket required to attend



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Scientific Program

Opening Remarks

8:00am - 8:15am | Room 4

Welcome New Members

Jeff Goldberg

Welcome New Fellows

Jasjot Sahni

Welcome New CCTTs

Janey Prodoehl

Keynote

8:15am - 9:00am | Room 4

Evidence-based Dentistry and Critical Thinking

Gary Klasser

Tributes

9:00am - 9:05am | Room 4

Tributes to Drs. Gary Klasser & Reny de Leeuw

Marcela Romero Reyes

Plenary

9:05am - 9:50am | Room 4

The Human Pain Experience: Clinical Insights from Pain Neuroscience Education

Adriaan Louw

Panel Discussion

9:50am - 10:05am | Room 4

Moderator: Tom Weber

Break

10:05am - 10:30am

Plenary

10:30am - 11:15am | Room 4

Bruxism: Facts and Fables

Frank Lobbezoo

Parallel 1A

11:15am - 12:00pm | Room 4

Mechanisms of Orofacial Pain Referral

Fernando Exposto

Panel Discussion

12:00pm - 12:15pm | Room 4

Moderator: Alberto Herrero Babiloni

Parallel 1B

11:30am - 12:15pm | Room 3

Ergonomics in Craniofacial Pain Management: A Practical Guide to Enhance Patient Care

Brett Weiss

Moderator: Isabel Moreno Hay

Industry-Sponsored Session

11:30am - 12:00pm | Room 8

Where Are Your Referrals? How to better track and control referrals for a better patient experience and improved practice revenue

Mike Webb

Session is supported by Team Dentistry. This session is not eligible for CE credits.

Scientific Program

Industry-Sponsored Lunch & Learn

12:15pm - 1:30pm | Room 6

Proper Use of Legal Entities for Lawsuit Protection & Tax Reduction

Legally Mine will show you how to stop the threat of lawsuits before they ever get started by protecting your assets in time tested and proven legal structures. These same structures allow us to help our tax attorneys save what you would normally pay in income taxes. These are little known tax helps that have significant case history and have stood the test of time.

** Session will be repeated at 1:30pm in room 6 **

Session is supported by Legally Mine. This session is not eligible for CE credits.

Lunch & Learn

12:15pm - 1:30pm | Room 4

Onabotulinum Toxin Injections for Pain Management

Brigitte Lovell

Lunch & Learn

12:15pm - 1:30pm | Room 3

Procedures in Headache Medicine

Brian McGeeney

Lunch & Learn

12:15pm - 1:30pm | Room 8

Manual Techniques for the Cervical Spine in Orofacial Pain

Nick Rainey

Parallel 2A

1:30pm - 2:15pm | Room 4

Targeted Immunomodulation with Nanomedicine Produces Long-Lasting Analgesia, Tissue, and Functional Recovery

Jelena Janjic, "Dr. J"

Parallel 2B

Max occupancy 30.

1:30pm - 2:30pm | Room 3

Practical Application of Trigger Point Injections and Dry Needling in the Management of Orofacial Pain: Similarities and Differences

Denielle Medynski, Janey Prodoehl

Moderator: Seema Kurup

** Session repeated at 2:30pm **

Parallel 2C

1:30pm - 2:30pm | Room 6

Proper Use of Legal Entities for Lawsuit Protection & Tax Reduction

** This session is an encore presentation of the earlier 12:15pm session. **

Session is supported by Legally Mine. This session is not eligible for CE credits.



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Scientific Program

\$50k for 50 Years

2:15pm - 2:30pm | Room 4
Beth Groenke

Parallel 3A

2:30pm - 3:15pm | Room 4
**Optimizing Sleep Apnea Management:
Dentistry's Role in Personalized Care through
the Identification of Endotypes**
Alberto Herrero Babiloni

Parallel 3B

Max occupancy 30.

2:30pm - 3:30pm | Room 3
**Practical Application of Trigger Point Injections
and Dry Needling in the Management of
Orofacial Pain: Similarities and Differences**
Denielle Medynski, Janey Prodoehl

Moderator: Fernanda Yanez

** Session repeat from 1:30pm **

Break

3:15pm - 3:45pm

Debate 1

3:45pm - 4:45pm | Room 4
**Do We Understand the Nature of Myofascial
Trigger Points?**
Fernando Exposto, Michael Karegeannes

Panel Discussion

4:45pm - 5:00pm | Room 4
Moderator: Elizabeth Hatfield

AAOP General Membership Meeting

5:00pm - 5:45pm | Room 4
Jeff Goldberg

Mentoring Program Reception

Requires reservation.

5:45pm - 6:15pm

President's Reception

6:15pm - 9:30pm | Fire Garden, Talking Stick Resort

Join your colleagues "around the fire" for our President's Reception outside at the Fire Garden, Talking Stick Resort. Registration as attendee, exhibitor, or guest is required to attend. Light food and drinks will be served.



**AMERICAN ACADEMY
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Scientific Program

Plenary

8:00am - 8:45am | Room 4

Tinnitus & Dizziness Demystified: A Roadmap for Dentists and Orofacial Pain Therapists

Willem De Hertogh

Plenary

8:45am - 9:30am | Room 4

Updates in Headache Medicine

Brian McGeeney

Break

9:30am - 10:00am

Plenary

10:00am - 10:45am | Room 4

Understanding the TMJ through Radiographic Imaging

Dania Tamimi

Plenary

10:45am - 11:30am | Room 4

Gender Differences in Chronic Pain

Roger Fillingim

Panel Discussion

11:30am - 12:00pm | Room 4

Moderator: Marcela Romero Reyes

Industry-Sponsored Lunch & Learn

12:00pm - 1:30pm | Room 6

Efficacy of the NOA® Mandibular Advancement Device in the Management of Obstructive Sleep Apnea

Fernanda Yanez Regonesi

Product Presentation

Pepe Repolles

Session is supported by OrthoApnea. This session is not eligible for CE credits.

Lunch & Learn

12:00pm - 1:30pm | Room 8

Conquering Coding and Insurance Challenges in Dental Sleep Medicine

Alex Vaughan

Lunch & Learn

12:00pm - 1:30pm | Room 4

Clinical Tools for Managing Tinnitus & Dizziness

Willem De Hertogh

Lunch & Learn

12:00pm - 1:30pm | Room 3

Acupuncture in Orofacial Pain

James Hawkins, Steve Hargitai

Debate 2

1:30pm - 2:30pm | Room 4

Is Botulinum Toxin Effective for TMD?

Steve Bender, Donald Tanenbaum

Scientific Program

Plenary

2:30pm - 3:15pm | Room 4

Best Practices for Pediatric Orofacial Pain

Thomas Stark

Panel Discussion

3:15pm - 3:30pm | Room 4

Moderator: Aurelio Alonso

Break

3:30pm - 4:00pm

Plenary

4:00pm - 4:45pm | Room 4

Evolution and Management of Burning Mouth Syndrome

Andres Pinto

Plenary

4:45pm - 5:30pm | Room 4

Behavioral Interventions for Insomnia in Chronic Orofacial Pain Patients

Ian Boggero

Panel Discussion

5:30pm - 5:45pm | Room 4

Moderator: Jeff Goldberg

JOIN US FOR AN EVENING OF FUN!

Saturday, May 11

6:30pm - 10:00pm

Mavrix and Octane Raceway

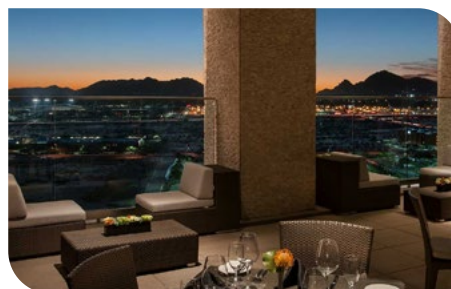
Join us for bowling, go-karts, axe throwing, billiards, and more social games, plus food and drink.

Shuttle transportation to and from Mavrix will be provided. First shuttle leaves Talking Stick Resort at 6:15pm and final return shuttle leaves Mavrix at 9:55pm.

Cost of food, drinks, and entertainment is the responsibility of each person attending and must be paid directly to the Mavrix and Octane Raceway.



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Scientific Program

AAOP Researcher Award

9:00am - 9:30am | Room 4

Telehealth PT is Effective for Individuals with TMD

Emily Kahnert

Oral Abstract Presentations

9:30am - 9:45am

Migraine and Headache Attributed to Temporomandibular Disorders: A Prospective Case-Control Study
Mayank Shrivastava

9:45am - 10:00am

Low Dose Naltrexone as a Novel Therapeutic Agent for Post-Traumatic Trigeminal Neuropathic Pain: A Retrospective Case Series
Scott Guthrie

10:00am - 10:15am

Development of a Machine-Learning-Based Screening Model for Detecting TMJ MRI Abnormalities Using TMJ Tomographic Imaging
Younjung Park

Poster Awards, Question & Answer, and Discussion

10:15am - 10:45am | Room 4

Moderator: Isabel Moreno Hay



Showdown at the Evidence Corral: What does the science say about popular TMD treatments?

10:45am - 11:45am | Room 4

Jack Botros, Micah Dowling, Andrew Mitchell, Ifrana Zaman

Panel Discussion

11:45am - 12:00pm | Room 4

Moderators: Tom Weber, Isabel Moreno Hay

Closing Remarks and 2025 Preview

12:00pm - 12:15pm | Room 4

Mariona Mulet, Seema Kurup



Thank you for attending
AAOP 2024

Poster abstracts

Poster abstracts are listed by the board number below. Posters are available for viewing in person on Friday, May 9 and Saturday, May 10. A digital version of the poster and a recording by the presenter will also be available at aaop.org.

1: Bell's Palsy as the Major Neurological Manifestation of SARS-CoV-2 Infection: A Literature Review
Azadeh Ahmadi

2: A Cross-Sectional Study Examining the Impact of Obesity on Orofacial Pain
Anna Alessandri-Bonetti

3: Vibrational Biofeedback Splint Therapy for Sleep Bruxism: A Meta-Analysis
Jack Botros

4: Reliability of MRI-Based Structural Phenotypes in Temporomandibular Joint Osteoarthritis: Adaptation of Knee ROAMES
Thayanne Calcia

5: Sleep Quality May Mediate the Relationship Between PTSD Symptoms and Pain Interference in Chronic Orofacial Pain: A Cross-Sectional Study
Mridul Chakarvarty

6: Patient Satisfaction With a Telehealth Behavioral Intervention for Chronic Orofacial Pain: A Repeated Measures Study
Vaishakhi Chetariya

7: Improvement of Orofacial Pain and Clinical Sleep Outcomes with Mandibular Advancement Device Use for Obstructive Sleep Apnea: A Retrospective Analysis
Priyanka Chiluri

8: Translating N-of-1 (Single Subject) Research Design into Clinical Pain Practice: Feasible N-of-1 Trials
Mark Drangsholt

9: Dietary Supplementation of Grape Seed Extract in Pregnant/Nursing Females Inhibits Gut Microbiome Dysbiosis in Offspring and Increases Levels of Commensal Bacterioides Acidifaciens
Paul Durham

10: Epigenetic Biomarkers for Chronic Painful Temporomandibular Disorder: A Pilot Study
Qiman Gao

11: Headache Attributed to TMD: Impact of Different Diagnostic Criteria on Headache Characteristics
Manavjot Gill

12: Diagnosis and Management of Hypomobility of the Temporomandibular Joint: Two Case Reports
Monica Hamilton

13: An Exploratory Study Investigating the Potential Application of Coping Strategies for Pain Used by Athletes and Their Potential Application to Patients Dealing with Chronic Pain
Joseph Harrington

14: The Development and Validation of an MRI-Compatible Bite Force Gauge for Standardizing Jaw Pain Provocation Tasks During MRI Sequencing
Graham Harris



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Maya Youness

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www.AmericanHeadacheSociety.org

Table 17

American Headache Society

The Core Goal of the American Headache Society (AHS) is to improve the lives of people impacted by migraine and other headache disorders. The AHS is a professional society of health care providers dedicated to the study and treatment of headache and face pain. The Society's objective is to promote the exchange of information and ideas concerning the causes and treatments of headache and related painful disorders. Educating physicians, health professionals, and the public and encouraging scientific research are the primary functions of our Society. AHS activities include an Annual Scientific Meeting, a comprehensive headache symposium, regional symposia for neurologists and family practice physicians, and publication of the journal Headache.



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Table 12

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.



FacialPain
Association

Table 18 | facepain.org

Facial Pain Association

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.



Table 19

Growth into Greatness Institute

At GIG, we work with our dentists to develop a practice that supports optimal health and wellness for the patients, the team, and the dentist; while empowering the dental business to increase profitability in any marketplace.

We believe in an individually customized approach following a step-by-step process to build systems based on the core values of the doctors. We base our process on the goals our dentists set for financial health and their philosophy of care. We focus on developing the team to create a solid strategic plan to bring peace of mind and prosperity.

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Table 7 | i-b-natural.com

IB Natural

Our vision is to revolutionize the healthcare industry through the advances of non-invasive laser therapy. We strive to be the leading authority in this field, inspiring professionals and consumers alike to embrace the transformative potential of this technology. By providing exceptional education, support, and cutting-edge products, we aim to improve the lives of individuals, enhance medical treatments, and ultimately contribute to a healthier and more vibrant world.



Table 8 | myairwaytraining.com

Institute for Advanced Airway Studies

The Institute for Advanced Airway Studies provides dentists with specialized training in implementing a simple, effective, and profitable airway program. Dentists learn to target the root causes of sleep-disordered breathing and sleep apnea while capitalizing on their existing patient base to create a new revenue stream. Unlike other airway programs, attending doctors are given all of the clinical and business tools to immediately put their training into action.



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Table 4

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.



Table 10

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 6

MedTech 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.

Sponsors and Exhibitors



Table 5 | niermanpm.com

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.



Table 16

Panthera Dental

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.

OrthoApnea

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Table 1

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.



Table 11

Physical Therapy Board of Craniofacial and Cervical Therapeutics

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.

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Table 2

Speed2Treat

Orofacial Therapeutics was co-founded by Brad Eli, DMD, MS (ABOP) and Ann McCulloch. QuickSplint anterior bite plane is now distributed by Kettenbach in North America, with European growth next. We are introducing the Speed2Treat Kit for acute head, neck and jaw pain in sports medicine. We are distributing www.tmd-eduction.com, the online course developed by Dr. Friction and AAOP colleagues.



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Table 3 | getteamdentistry.com

Team Dentistry

At Team Dentistry, we know that referrals are the lifeblood of dental specialists. Our referral management system allows specialists to better track and control referrals providing a better experience for patients. This leads to increased referral fulfillment, expanded market exposure and greater practice revenue.



Table 9 | truefunction.com

True Function Laboratory

At True Function, our goal is for our clients to spend less than 10 minutes on appliance delivery. Proactive communication is key to achieving that goal. Our team of highly skilled technicians will contact you and troubleshoot any issues with impressions, bite, or appliance selection to provide the best fit for the patient. Our 7 day in lab turnaround time allows your patients to begin treatment as quickly as possible.

Exhibit Hall

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FacialPain Association

[FacePain.org](https://facepain.org)

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.



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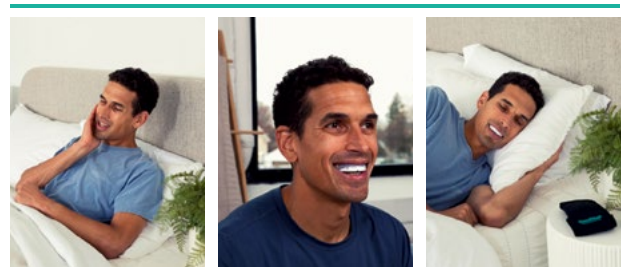
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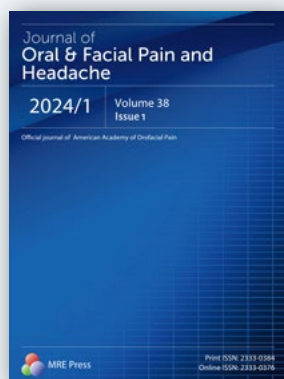
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The American Academy of Orofacial Pain
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