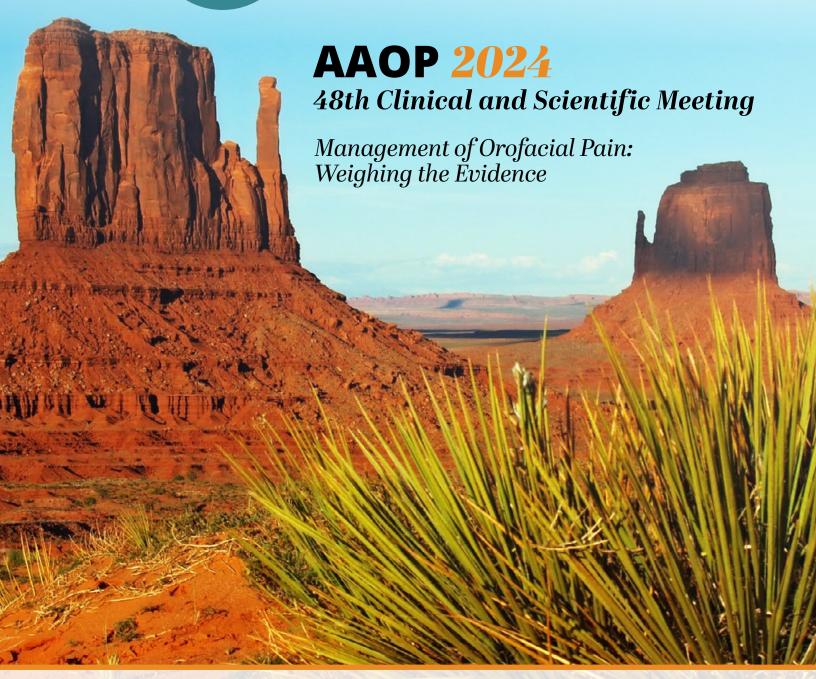


AMERICAN ACADEMY OF OROFACIAL PAIN



May 9-12, 2024

Talking Stick Resort | Scottsdale, Arizona

Message from the 2024 Program Committee

The American Academy of Orofacial Pain (AAOP) is honored to invite you to its 48th clinical & scientific meeting on May 9-12, 2024 at the Talking Stick Resort in Scottsdale, Arizona. 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. Our meeting in Scottsdale presents dentists and other healthcare professionals with a unique opportunity to tap into the interdisciplinary knowledge of dental specialists, physicians, physical therapists, 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 worldclass 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.

We encourage you to register as soon as possible by visiting our registration page at aaop.org. Room reservations for the Talking Stick Resort are available at a discounted rate to meeting attendees. We welcome submissions for abstracts to be presented at the meeting; **submissions** are due by February 15, 2024.

We look forward to seeing you in Scottsdale!

2024 Annual Scientific Meeting Committee:



Isabel Moreno Hay, DDS, PhD Co-Chair 2024 Annual Scientific Meeting



Thomas Weber, DDS, MS Co-Chair 2024 Annual Scientific Meeting

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

Jeffry 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**



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 associated regions. The specialty of Orofacial Pain is dedicated to the evidenced-based understanding of the underlying pathophysiology, etiology, prevention, and treatment of these disorders and the improvement of 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.

American Academy of Orofacial Pain designates this activity for 27.0 continuing education credits.

Conference Clinical and Academic Learning Objectives

During the meeting attendees will:

- 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

General **Information**

How To Register

Register for AAOP 2024 online through the AAOP website. Visit aaop.org to register quickly and easily. You may also register by completing the form on page 15 and emailing it to office@aaop.org.

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 following sessions:

 Each pre-conference workshop 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

Hotel reservations are available now directly through the hotel's website. Click on the following link: http://bookings.ihotelier.com/bookings. jsp?groupID=4075982&hoteIID=73351

The link is available only for conference meeting nights. If you need to book any before or after nights, please contact the Reservations Department at 1-866-877-9897 and use the booking ID 18879 or the group name "AAOP 2024 Annual Scientific Meeting" to receive the group hotel rate.

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.

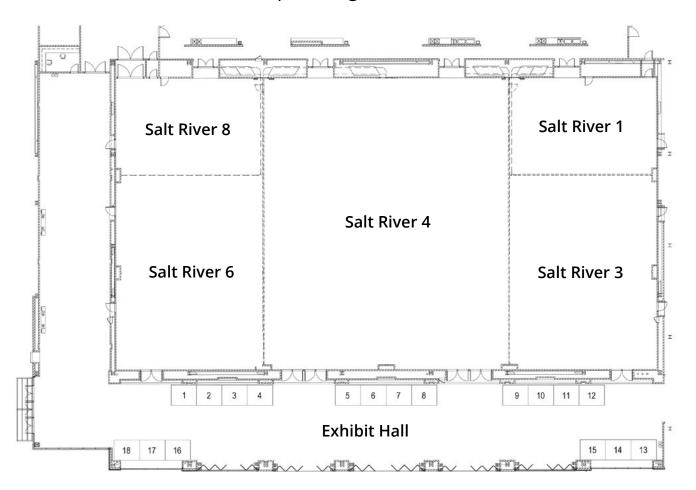






Floor Plan

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
I.B. Natural	7
True Function	9
AAOP Membership	15
Panthera Dental	16
American Headache Society	17



Faculty

Alex Vaughan, DDS, MS

Andrew Mitchell, DDS

Ashkan Saadi, DMD

Beth Groenke, DDS, MS

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

Alan Withall Frank Lobbezoo, DDS, PhD

Alberto Herrero Babiloni, DDS, MS Gary Klasser, DMD Nojan Bakhtiari, DDS

Ian Boggero, PhD

Andres Pinto, DMD, MBA, MSCE Ifrana Zaman, DDS Roger Fillingim, PhD

Jack Botros, DDS Seema Kurup, MDS, MS James Hawkins, DDS, MS

Janey Prodoehl, PT, PhD, CCTT

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 Marcela Romero Reyes, DDS, PhD TJ Robbins, DMD, ABOP

Brijesh Chandwani, DMD, BDS Marcia Rojas, DDS, MS, MPH Willem De Hertogh, PT, MSc, MT, PhD

Dania Tamimi, BDS, DMSc Mark Balog, CPA

Denielle Medynski, DDS Micah Dowling, DDM

Donald Tanenbaum, DDS, MPH Michael Karegeannes, PT, MHSC,

LAT, MTC, CFC, CCTT, CMTPT Emily Kahnert, DPT, CCTT, PhDc

Last updated March 25, 2024



Fernanda Yanez, DDS, MS





Nick Rainey, PT, DPT

Prathishtha Mishra, BDS, MDS, MS

Sherwin Arman, DMD, MPH

Steven Bender, DDS

Pre-conference Workshop



Orofacial Pain Introductory Program

8:00am – 5:00pm | 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

9:00am - 9:40am

Anatomy and Imaging of the Masticatory

System

Beth Groenke

9:45 am - 10:30am

Interview Taking and Physical Examination

of the OFP Patient

Marcia Rojas

10:30am - 10:45am

Question & Answer

10:45 am - 11:00 am

Break

11:00 am - 11:55am

The Art of Diagnosis: Exploring Painful and

non-Painful Temporomandibular Disorders

Fernanda Yanez

12:00pm - 12:45pm

Refractory Tooth Pain "Think Outside the Box"

Prathishtha Mishra

12:45pm - 1:00pm

Question & Answer

1:00 pm - 2:00pm

Lunch Break

2pm - 2:45 pm

Case Presentation

Seema Kurup

2:50pm - 3:40pm

Tools For Initial Management of Patient With

Temporomandibular Disorder

James Hawkins

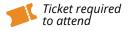
3:45pm - 4:15pm

Oral Appliance Therapy for TMD

Alex Vaughan

4:15pm - 4:30pm

Question & Answer



Pre-conference Workshop



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

9:00am – 4:00pm | 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

10:30am - 10:45am

Break

10:45am - 12:15pm

PNE + Nonpharmacological Treatment

Strategies for Pain

Adriaan Louw

12:15pm - 1:15pm

Lunch Break

1:15pm - 2:45pm

Words that Harm and Words that Heal

Adriaan Louw

2:45pm - 3:00pm

Break

3:00pm - 3:45pm

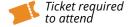
Case-based Learning: Clinical Application and

Clinical Pearls

Adriaan Louw

3:45pm - 4:00pm

Question & Answer



Pre-conference Workshop



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

9:00am - 4:00pm | 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

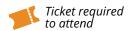
12:00pm - 1:00pm **Oral Appliances** Sherwin Arman 1:00pm - 2:00pm Lunch Break

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





Pre-conference Workshop



Orofacial Pain Private Practice

9:00am – 4:00pm | 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

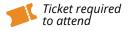
3:00pm - 3:45pm

Dental Supplier Perspective on the Nuances of

an Orofacial Pain Practice

Alan Withall





Opening Remarks

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

8:00am - 8:05am

Welcome New Members

Jeff Goldberg

8:05am - 8:10am

Welcome New Fellows

Jasjot Sahni

8:10am - 8:15am

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

Presentation by Team Dentistry

Session is supported by Team Dentistry. This session is not

eligible for CE credits.

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 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 **Headache Procedures 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. Sign-up begins April 9.

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

\$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



^{*} Session repeated at 2:30pm *

Parallel 3B

Max occupancy 30. Sign-up begins April 9.

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: Prathista Mishra

* Session repeat from 1:30pm *

Break

3:15pm - 3:45pm

Debate 1

3:45pm - 4:45pm | Room 4

Do We Understand the Nature of Myofasical Trigger Points?

Fernando Exposto, Michael Karegeannes

Panel Discussion

4:45pm - 5:00pm | Room 4 Moderator: Isabel Moreno Hay

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.







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

Limited class size of 25 people.

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

Acupuncture in Orofacial Pain – Demonstration James Hawkins, Steve Hargitai

Debate 2

1:30pm - 2:30pm | Room 4 **Is Botulinum Toxin Effective for TMD?** Steve Bender, Donald Tanenbaum

Plenary

2:30pm - 3:15pm | Room 4 **Best Practices for Pediatric Orofacial Pain**Thomas Stark

Panel Discussion

3:15pm - 3:30pm | Room 4 Moderator: Jeff Goldberg

Break

3:30pm - 4:00pm

Plenary

4:00pm - 4:45pm | Room 4 **Evolution and Management of Burning Mouth Syndrome**Andres Pinto

Moderator: Marcia Rojas

Plenary

4:45pm – 5:30pm | Room 4 **Behavioral Interventions for Insomnia in Chronic Orofacial Pain Patients**lan Boggero

Panel Discussion

5:30pm – 5:45pm | Room 4 Moderator: Aurelio Alonso



AAOP Researcher Award

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

Telehealth PT is Effective for Individuals with TMD

Emily Kahnert

Oral Abstract Presentations

9:30am - 10:15am | Room 4 Chair: Isabel Moreno Hay

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: 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

Chair: Isabel Moreno Hay | Room 4 10:15am - 10:30am



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

10:30am -11:45am | Room 4 Jack Botros, Micah Dowling, Andrew Mitchell, Ifrana Zaman

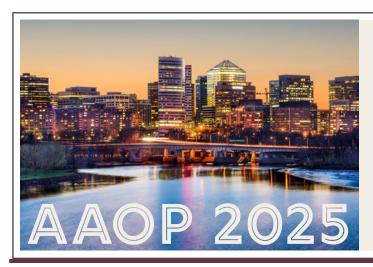
Panel Discussion

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





See you in Arlington, Virginia for AAOP 2025!

May 1-4, 2025 Crystal Gateway Marriott 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



Registration Form

AAOP 2024

48th Clinical and Scientific Meeting

May 9-12, 2024

Talking Stick Resort | Scottsdale, Arizona

Register for AAOP 2024 by completing this form and emailing it to **office@aaop.org**. You may also register online through the AAOP website. Visit **aaop.org** to register quickly and easily.

Contact Information: (please type or print) Name:			
Degree(s) / Credential(s):	Practice / Employer / Position Information:		
Address:			
City:	State/Province:	State/Province: Postal Code:	
Country:			
Email:	Phone:		
Guest Name (social function admission):	Dietary Restrictions:		
Registration Type Early registration ra	ates good through February 15, 2024		
Registration for the meeting includes plenary session AAOP Member - Fellow of Academy\$795 AAOP Member - Active	After Feb 15 \$895 □ Non-member Profess \$895 □ Physical Therapist \$895 □ Student / Resident Me \$550 □ Student / Resident No	After Feb 1 \$1,300 \$1,300 \$425 \$425 \$425 \$350 \$550 \$550 \$15	
Method of Payment			
If you require special payment arrangements,	please email office@aaop.org. Please	check one payment option below.	
□ Enclosed is a check payable to AAOP . Chechecks returned unpaid. □ I wish to pay my fees by credit card . Please □ Amex (15 digits) □ Master Card (16 digits) □ Master Card (16 digits) □ Walidation Address associated with card if different from Name on card (please print): Authorizing signature:	e note this charge will appear on your state igits) Visa (16 digits) n Code: (3 digit code on the back of V/Mi	ement as "AAOP". C cards and 4 digit code on front of AMEX card)	

Cancellation Policy: If you must cancel your registration, all requests must be received in writing by AAOP Registration via email to **office@aaop.org** no later than March 31, 2024. All fees paid will be refunded minus a \$50.00 processing fee. **There will be no refunds offered after March 31, 2024**.

