

SOCIETY FOR PEDIATRIC PAIN MEDICINE

SPPM 12th Annual Meeting

March 27, 2025

Orlando, FL

WEDNESDAY, MARCH 26, 2025

WELLNESS DRIVE

Come Practice your "End Game" at our Driving Range Social Event and see if you can "Hit Different."

6:00PM - 8:00PM

6:00 PM – 8:00 PM

Join your friends and colleagues at the driving range for some fun and libations. Relax while taking some swings on the range and enjoying beverages and light hors d'oeuvres.

THURSDAY, MARCH 27, 2025

6:00 AM – 5:00 PM

Registration

CONTINENTAL BREAKFAST WITH EXHIBITORS

6:15AM - 7:15AM

7:15 AM – 7:30 AM

Welcome/Overview of Educational Program/Board Change

Amber N. Borucki, MD; Stephen R. Hays, MS, MD, FAAP; Yuan-Chi Lin, MD, MPH

SESSION I: Keynote - Lost in the Memory

Moderators: Rita Agarwal, MD, FAAP; Vidya Chidambaran, MBBS, MD

7:30 AM – 7:55 AM

Remembering the Pain of Childhood: How to Harness Children's Pain Memories for Intervention and Prevention

Melanie Noel, PhD

Objectives:

Upon completion of this presentation, the participant will be able to:

- * Understand how memories for pain are formed across development and their impact on pain, mental health and health care utilization in the future.
- * Describe how children's memories for pain are formed in a social context and are highly influenced by the ways in which adults (parents and clinicians) talk to them.
- * Outline a novel parent- and clinician-led intervention "Reframe the Pain" that involves reminiscing with children using 4 techniques to foster more realistic and positive memories of painful experiences and better future health care experiences.
- * Provide evidence for the feasibility, acceptability and efficacy of this intervention and provide practical tips on how to implement this intervention in clinics and in home environments immediately.

7:55 AM – 8:05 AM

Q & A Discussion

SESSION II: Bigger Than the Whole Sky: Updates on Pain and Gender

Moderators: Stephen R. Hays, MS, MD, FAAP; Galaxy Li, MD

8:05 AM – 8:25 AM

Sex, Gender and Pain: Biopsychosocial Considerations

Roger Fillingim, PhD

Objectives:

Upon completion of this presentation, the participant will be able to:

- * Describe sex differences in the prevalence and burden of chronic pain.
- * Explain findings regarding sex differences in pain perception.
- * Articulate some of the biological and p[er]sychosocial contributors to sex differences in pain.

8:25 AM – 8:45 AM

Chronic Pelvic Pain in Adolescents

Susan L. Sager, MD FAAP

Objectives:

Upon completion of this presentation, the participant will be able to:

- * Understand the relationship between dysmenorrhea and CNS sensitization.
- * Recognize common presentations of CPP in adolescents (male and female).
- * Develop an evidence-based treatment plan for adolescents with CPP.

9:00 AM – 9:15 AM

Bridging Care and Comfort: The Role of Pain Management in Perioperative Gender-Affirming Care

Travis L. Reece-Nguyen, MD, MPH, FASA, FAAP

Objectives:

Upon completion of this presentation, the participant will be able to:

- * Analyze the unique pain management considerations for gender-affirming surgeries.

- * Apply evidence-based pain management techniques to enhance comfort and recovery in gender-affirming perioperative care.*
- * Foster culturally-sensitive communication and care practices that address the perioperative needs of gender-diverse patients.*

8:45 AM – 9:00 AM

Physical Therapy and Gender Considerations

Sarah Pate, DPT, TPS

*Objectives:**Upon completion of this presentation, the participant will be able to:*

- * Explain the bony structure of the pelvis, the three layers of muscles that comprise the pelvic floor, and the interactions between the diaphragm, low back/SI joint, and abdominal wall.*
- * Understand clinical decision making used to determine how dyssynergia of the pelvic floor muscle groups impact voiding and defecation function through the use of case studies.*
- * Describe case examples and strategies used in the adolescent population to address deficits in the biomechanics for defecation.*

9:15 AM – 9:30 AM

Q & A Discussion**COFFEE BREAK WITH EXHIBITORS****9:30AM - 10:00AM****SESSION III: Heading into the Future: Updates on Pediatric Head and Neck Pain***Moderators: Michelle S. Kars, MD, FAAP; Robert B. Windsor, MD*

10:00 AM – 10:20 AM

Updates on Regional Anesthesia for Head and Neck Procedures

Ravi D. Shah, MD

*Objectives:**Upon completion of this presentation, the participant will be able to:*

- * Describe the indications for regional anesthesia for pediatric patients undergoing head and neck procedures.*
- * Understand safety and efficacy of regional anesthesia for pediatric head and neck procedures.*
- * Understand the relevant anatomy and technical approach to commonly performed pediatric head and neck blocks.*

10:20 AM – 10:40 AM

What's New in the Medical Management of Migraine

Alyssa A. LeBel, MD

*Objectives:**Upon completion of this presentation, the participant will be able to:*

- * Review the definition of pediatric migraine and potential variants and differential diagnoses.*
- * Review current treatment guidelines for acute and chronic care.*
- * Briefly review current approved neuro-modulatory treatments and infusion therapy for migraine.*
- * Suggest appropriate considerations for submitting prior authorizations for CGRP antagonists and Botox in selected adolescents less than 18 years.*

10:40 AM – 11:00 AM

Updates on Effective Biobehavioral Therapy for Youth Living with Migraine

Scott Powers, PhD

*Objectives:**Upon completion of this presentation, the participant will be able to:*

- * Learn about the evidence base and current treatment guidelines for a biobehavioral approach to management of migraine in children and adolescents.*
- * Become familiar with ongoing clinical trials focused on: understanding mechanisms underlying treatment success and developing approaches to enhance access to biobehavioral care.*

11:00 AM – 11:20 AM

Off With Their Head(ache)s! Interventional Pain Management for Head and Neck Pain

Cheryl J. Hartzell, MD

*Objectives:**Upon completion of this presentation, the participant will be able to:*

- * Review head and neck anatomy, as well as pathophysiology of common pain disorders of the head and neck.*
- * Describe common interventional procedures for head and neck pain and evaluate the current evidence for these procedures.*
- * Learn novel interventions for head and neck pain in the pediatric population.*

11:20 AM – 11:40 AM

Q & A Discussion**LUNCH WITH EXHIBITORS****11:40AM - 1:00PM****PBLD/ROUND TABLE DISCUSSION SESSION****12:00PM - 1:00PM**

12:00 PM – 1:00 PM

PBLD 1: Oh Where, Oh Where Did My Catheter Go? Sheared Epidural Catheter in a High-risk Patient

Kim Strupp, MD; Leah Webb, MD

*Objectives:**Upon completion of this PBLD, the participant will be able to:*

- * Analyze the anesthetic considerations for patients with myofibrillar myopathy, particularly intra-operative and*

post-operative pain management.

** Identify alternatives to epidural analgesia in high-risk patients.*

** Discuss the management of a retained epidural catheter fragment.*

** Discuss the management of infectious epidural complications.*

** Describe the options for identification of the epidural space and assessment of optimal catheter placement.*

12:00 PM – 1:00 PM

PBLD 2: Agitation in Post-operative Care Unit following Nuss Procedure in a Chronic Pain Patient on Low-dose Naltrexone

Hannah Masters, MD; David L. Moore, MD

Objectives:

Upon completion of this PBLD, the participant will be able to:

** Discuss how low-dose naltrexone for chronic pain can affect your pain plans for Nuss procedure.*

** Recognize the benefits and the pitfalls of using cryoablation.*

** Describe how to incorporate regional anesthesia including outpatient regional.*

** Discuss how emergence from anesthesia modifies agitation/acute hyperalgesia.*

** Describe recognition and treatment of hyperalgesia following surgery.*

12:00 PM – 1:00 PM

RTD 1: The Future of Intensive Interdisciplinary Pain Treatment: Changing Trends in Interdisciplinary Pain Treatment

Amber N. Borucki, MD; Alyson C. Hermé, PhD

Objectives:

Upon completion of this RTD, the participant will be able to:

** Demonstrate increased knowledge of how demographic factors and co-morbid disorders of patients presenting to IIP have changed since the start of the COVID-19 pandemic and how to identify these differences.*

** Discuss how to address challenges/adapt treatment related to the changing landscape of the IIP patient.*

** List strategies for adapting IIP programs to fit diverse patients and those with other common co-occurring conditions and characteristics.*

12:00 PM – 1:00 PM

RTD 2: End-of-Life Care for Children with Cancer and Non-Cancer Illnesses 'Will It Hurt When I Die?'

Stephen R. Hays, MS, MD, FAAP; Joann B. Hunsberger, MD

Objectives:

Upon completion of this RTD, the participant will be able to:

** Understand what's new (or old!) in palliative sedation and end-of-life pain management in children.*

** Explain the differences in managing end-of-life analgesia in children with cancer and non-cancer illnesses.*

** Discuss the challenges for the pediatric acute pain physician in managing end-of-life analgesia.*

12:00 PM – 1:00 PM

RTD 3: Is it All the Same? Infusion Therapies in Acute Pediatric Pain Conditions. How to Think Outside the PCA Box

Vipin Bansal, MD; Genevieve D'Souza, MD, FASA

Objectives:

Upon completion of this RTD, the participant will be able to:

** Identify solutions for improving pediatric acute pain management in situations where traditional pain management has not worked, primarily PCA.*

** Consider the indications for ketamine, lidocaine, dexmedetomidine, low dose naloxone infusions for acute pain in pediatric populations (including perioperatively, hematology, oncology, palliative care, neuropathic pain conditions).*

** Facilitate collaboration with information sharing between small and large institutions to share protocols. Discuss long term infusions when nothing else works. Create resources to assist nursing staff not familiar with these medications, in particular lidocaine and naloxone.*

12:00 PM – 1:00 PM

RTD 4: Pain Medicine Expert Research Roundtable

Roger Fillingim, PhD; Melanie Noel, PhD; Scott Powers, PhD; Suellen Walker, MBBS, MMed, MSc, PhD, FANZA, FFMANZCA, FFPMRCA

SESSION IV: Welcome to the ERAS Tour : Are you Ready for It?

Moderators: Amber N. Borucki, MD; Tricia M. Vecchione, MD

1:00 PM – 1:15 PM

Bejeweled: Updates on Regional Anesthesia in ERAS Protocols

Giovanni Cucchiari, MD

Objectives:

Upon completion of this presentation, the participant will be able to:

** Understand the value of ERAS protocols.*

** Recognize the role of regional anesthesia within ERAS protocols.*

** Identify how to include regional anesthesia in ERAS protocols.*

1:15 PM – 1:45 PM

The Tortured Anesthesiologists Department: ERAS Protocol Sharing Session

Megan Brockel, MD; Joann B. Hunsberger, MD; Wallis T. Muhly, MD

Objectives:

Upon completion of this presentation, the participant will be able to:

** Summarize current ERAS strategies for complex musculoskeletal interventions including posterior spine fusion and pectus correction in children.*

** Summarize current ERAS strategies for complex intestinal and urogenital interventions including colorectal surgery and urologic reconstruction in children.*

** Describe the challenges of implementing enhanced recovery pathways and consider strategies for successful implementation in pediatric patients.*

1:45 PM – 2:00 PM

Speak Now: Spain ACL Project - Key Outcomes You Need to Know

Kesavan Sadacharam, MD

Objectives:

Upon completion of this presentation, the participant will be able to:

- * Describe the variability in approaches to post ACL analgesia.*
- * Understand the variability in pain control in the perioperative time frame.*
- * Describe the impact of perioperative outcomes on longer term outcomes for patients undergoing ACL repair.*

2:00 PM – 2:15 PM

Q & A Discussion**COFFEE BREAK WITH EXHIBITORS****2:15PM - 2:45PM****SESSION V: Best Posters Session**

Moderators: Yuan-Chi Lin, MD, MPH; Rosalie Tassone, MD, MPH

2:45 PM – 3:05 PM

Innovative Research Award Updates

3:05 PM – 3:25 PM

Oral Poster Presentations

3:25 PM – 3:35 PM

Q & A Discussion**SESSION VI: You Need to Calm Down - PRO/CON Debate**

Moderators: Veronica Carullo, MD; Pradeep Dinakar, MD

3:35 PM – 4:15 PM

Use of Interventional Treatments in Pediatric Pain

Danette Beitra, PhD; Eugene Kim, MD; Alvina Rosales, PhD; Lisgelia Santana-Rojas, MD

Objectives:

PRO Physician: Eugene Kim, MD

PRO Psychologist Alvina Rosales, PhD

CON Physician: Lisgelia Santana-Rojas, MD

CON Psychologist: Danette Beitra, PhD

Upon completion of this presentation, the participant will be able to:

- * Review the current evidence for the benefits of interventional pain treatments in pediatric pain.*
- * Describe the importance of proper patient selection and working within the context of a biopsychosocial treatment approach to interventional treatments.*
- * Understand the evidence for psychological benefits of interventional techniques in children with pain.*
- * Describe psychosocial interventions used to optimize efficacy of interventional treatments for pediatric pain.*
- * Explain the risks and complications of interventional pain procedures in the treatment of youth with chronic pain.*
- * Discuss the psychological impact of interventional techniques in the children with pain.*

4:15 PM – 4:30 PM

Q & A Discussion**SESSION VI: Moderated Poster Session**

4:30 PM – 5:45 PM

Moderated Posters**SPA/SPPM WORKSHOP****5:00PM - 7:30PM****Visit spammg.org for more information!**

5:00 PM – 7:30 PM

SPA/SPPM WORKSHOP: Pediatric Advanced Ultrasound Guided Regional Anesthesia Workshop**WORKSHOP SESSION****5:45PM - 7:45PM**

5:45 PM – 7:45 PM

WORKSHOP: Integrating Acupuncture in Pediatric Perioperative Care and Pain Medicine

Coordinator: Yuan-Chi Lin, MD, MPH

Brenda Golianu, MD; Jamie Kitzman, MD, FASA, DABMA; Rosalie Tassone, MD, MPH; Cynthia Tung, MD; Shu-Ming Wang, MD; Robert B. Windsor, MD

Objectives:

Upon completion of this workshop, the participant will be able to:

- * Recognize the history and theory of acupuncture.*
- * Summarize the scientific evidence of acupuncture practice.*
- * Describe acupuncture meridian and micro-system paradigms.*
- * Explain how to incorporate acupuncture in perioperative anesthesia care and pain practice.*

5:45 PM – 7:45 PM

WORKSHOP: We've Got Your Back: Hands-On Ultrasound Skills for Neuraxial Procedures and a Guide to Create Your Own Phantom

Coordinator: Kim Strupp, MD; Leah Webb, MD

Alan Bielsky, MD; Camille Davis, MD; Melissa M. Masaracchia, MD; Jocelyn Mulkey, MD; Gibbs Yim,

*Objectives:**Upon completion of this workshop, the participant will be able to:*

- * Identify the ultrasound anatomy pertinent to performing neuraxial procedures.*
- * Demonstrate image acquisition of the six most relevant ultrasound views [paramedian sagittal interlaminar ("horse head" sign) and articular process ("camel hump") views; midline sagittal transverse process ("trident" sign) view; and transverse sacral cornua ("frog" sign), interspinous process ("bat" or "flying bat" sign), and spinous process views] for performing neuraxial procedures*
- * Acquire skills related to the performance of ultrasound-guided/-assisted neuraxial procedures through hands-on practice with neuraxial spine phantoms.*
- * Discuss the techniques, equipment, purchase sites, and cost for creating a spine phantom that is affordable, stable, and reproducible.*

5:45 PM – 7:45 PM

WORKSHOP: 'New Kids on the Block and New Blocks on the Kids' Workshop*Coordinator: Stephanie Pan, MD*

Vidya Chidambaran, MBBS, MD; Laura E.W. Chin, MD MPH; Isabella Jaramillo, MD, MSc; Carole Lin, MD; Suryakumar Narayanasamy, MD, MBBS

*Objectives:**Upon completion of this workshop, the participant will be able to:*

- * Gain a comprehensive understanding of the anatomy and sonoanatomy relevant to the most common and new pediatric nerve blocks.*
- * Compare the different indications and effectiveness of these newest regional anesthesia techniques, especially in relation to more traditional approaches.*
- * Apply clinical pearls and best practices to perform these new regional anesthesia blocks effectively and safely while avoiding potential complications.*
- * Enhance competency in using ultrasound guidance for accurate placement of these new blocks in pediatric patients.*

5:45 PM – 7:45 PM

WORKSHOP: Addressing a Crisis in Chronic Pain Management by Building Confidence in Treating Comorbid Functional Neurological Symptom Disorders: Diagnosis, Conceptualization, and Interdisciplinary Management
Coordinator: Christine D. Greco, MD, FAAP; Kendra J. Homan, PhD

Katherine Bentley, MD; Rashmi P. Bhandari, PhD; Talitha Black, OT; Deirdre Caplin, PhD; Andrew B. Collins, MD; Will Frye, PhD; Christopher Joseph, DPT; Eugene Kim, MD; Galaxy Li, MD; Alvina Rosales, PhD; Alexandra Szabova, MD; Anureet K. Walia, MD; Steven J. Weisman, MD

*Objectives:**Upon completion of this workshop, the participant will be able to:*

- * Better understand the diagnosis, conceptualization, and treatment of functional neurologic symptom disorder (FND).*
- * Learn several of the more common presentations of FND and the psychological comorbidities between FND and primary chronic pain conditions.*
- * Experience examples of how interdisciplinary teams work with patients with FND and chronic pain.*
- * Discuss why language and word choice matters and how acceptance of diagnosis significantly improves treatment.*
- * Appreciate how the presence of FND affects the approach to chronic pain treatment.*
- * Become aware of some of the "trip-wires" that can trigger exacerbation of FND, leading to impaired participation in pain-related therapies.*

FRIDAY, MARCH 28, 2025
**WORKSHOP SESSION
3:15PM - 5:15PM**

3:15 PM – 5:15 PM

WORKSHOP: Basic Ultrasound Guided Regional Anesthesia with Simulation Training on Phantoms*Coordinator: R. Scott Dingeman, MD, MEd, FAAP, FASA; Tricia M. Vecchione, MD*

Amber N. Borucki, MD; Philip C. Carullo, MD; Veronica Carullo, MD; Laura E.W. Chin, MD MPH; Sabina Khan, MD; DAVID RICO MORA, MD; Catherine Rim, MD; Karla Wyatt-Thompson, MD, MS

*Objectives:**Upon completion of this workshop, the participant will be able to:*

- * Describe the most common blocks performed in current regional anesthesia practice; including the supraclavicular, transversus abdominis plane/rectus sheath, femoral/adductor canal, and popliteal sciatic nerve blocks in addition to ultrasound guided caudal.*
- * Recognize the indications and best ultrasound-guided nerve block techniques for commonly performed blocks.*
- * Distinguish the anatomical structures on standardized patients by using ultrasound on live models.*
- * Practice on Phantoms to improve needle-probe coordination for all participants.*