

SOCIETY FOR PEDIATRIC PAIN MEDICINE

SPPM 9th Annual Meeting

March 30 - 31, 2022

Tampa, FL

WEDNESDAY, MARCH 30, 2022

12:30 PM – 5:00 PM

Registration

1:00 PM – 1:15 PM

Welcome

Deepa Kattail, MD; Robert T. Wilder, MD, PhD

Session I: KEYNOTE Speaker

Moderators: Deepa Kattail, MD; Robert T. Wilder, MD, PhD

1:15 PM – 1:50 PM

Pediatric Pain Medicine....Then & Now

Myron Yaster, MD

1:50 PM – 2:00 PM

Discussion**Session II: The Gut-Brain Connection**

Moderators: Kenneth R. Goldschneider, MD, FAAP; Sara Williams, PhD

2:00 PM – 2:30 PM

It Isn't That Complicated; Demystifying the Nomenclature of Regional Anesthesia

Karen R. Boretzky, MD

*Objectives:**Upon completion of this lecture, the participant will be able to:*** Identify the significant heterogeneity in nomenclature and anatomical descriptions of several regional anesthetic techniques.*** Explain the process for standardizing nomenclature of regional anesthetic blocks from the ASRA-ESRA Delphi consensus study of abdominal wall, paraspinal and chest wall blocks.*** Present the results of the standardization committee relevant to new regional anesthesia techniques.*** Identify the applications of the new blocks in pain management plans for children.*

2:30 PM – 2:55 PM

When Your Guts Hurt, Surgery Doesn't Have To

Ellise Cappuccio, MD

*Objectives:**Upon completion of this lecture, the participant will be able to:*** Review perioperative considerations for patients with inflammatory bowel disease.*** Discuss options for pain management, including regional anesthetic techniques.*** Present data for implementation of ERAS protocols.*

2:55 PM – 3:20 PM

When Eating is a Pain: Identification and Treatment of Eating Disturbance in Pediatric Chronic Pain

Leslie Sims, MD

*Objectives:**Upon completion of this lecture, the participant will be able to:*** Describe the continuum of eating disturbance in chronic pain syndromes.*** Recognize shared risk factors in chronic pain and eating disorders.*** Apply a neurobiological mechanism to understanding the overlap between chronic pain and eating disorders.*** Discuss techniques for identifying and treating eating disturbance in medical settings.*

3:20 PM – 3:45 PM

Prehab Prevents Persistent Post-surgical Pancreatectomy Pain in Pediatric Patients

Matthew A. Armfield, MD

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

3:45 PM – 4:00 PM

Discussion**Workshop Session**

4:00 PM – 6:00 PM

WORKSHOP: Fascial Plane Blocks: Expanding Pediatric Regional Anesthesia for Every-day Practice

Coordinator: Karen R. Boretzky, MD; Michelle S. Kars, MD, FAAP

Vipin Bansal, MD; Alan Bielsky, MD; Abhijit Biswas, MD; Ryan E. Marcelino, MD; Melissa M. Masaracchia, MD; Nihar V. Patel, MD; Rani A. Sunder, MD; Tricia M. Vecchione, MD

*Objectives:**Upon completion of this workshop, participants will be able to:*** Define anatomy and identifying landmarks for fascial plane blocks including: Rectus sheath, erector spinae plane, quadratus lumborum, serratus plane and PECS, fascia iliaca, and pudendal nerve blocks.*** Using portable ultrasound, acquire real-time images of the fascial plane anatomy and relevant landmarks.*

- * Review safety of regional anesthesia with regards to correct needle placement, local anesthetic dosing, and additives.
- * Discuss strategies for overcoming the most common barriers to regional anesthesia expansion at your institution.

4:00 PM – 6:00 PM

WORKSHOP: A Day in the Life of a Chronic Pain Patient in an Intensive Interdisciplinary Pain Treatment Program

Coordinator: Sara Williams, PhD

Katherine S. Bentley, MD; Talitha Black, OT; Amber N. Borucki, MD; Kenneth R. Goldschneider, MD, FAAP; Alyson C. Herme, PhD; Christopher Joseph, DPT; Eugene Kim, MD; Alvina Rosales, PhD

Objectives:

Upon completion of this workshop, participants will be able to:

- * Discuss the background, framework, and efficacy of IIPT programs.
- * Review the role and therapeutic approaches of 4 disciplines in intensive interdisciplinary pain treatment programs.
- * Describe the experience of focusing on function from the point of view of a pediatric patient with chronic pain.

4:00 PM – 6:00 PM

WORKSHOP: Ultrasound Guided Interventional Techniques in Chronic Pain Management

Coordinator: M-Irfan Suleman, MD, FAAP, FASA

Charles B. Berde, MD, PhD; Sabrina Carrie, MD; Pradeep Dinakar, MD; Anjali Koka, MD; Bobbie Riley, MD, FAAP

Objectives:

Upon completion of this workshop, participants will be able to:

- * Learn the ultrasound-guided pediatric chronic pain interventional procedures.
- * Identify and describe the ultrasound images of different chronic pain injection targets.
- * Demonstrate proper technique of handling the ultrasound probe while scanning the live model.

THURSDAY, MARCH 31, 2022

6:00 AM – 5:00 PM

Registration

Continental Breakfast with Exhibitors

6:15AM - 7:30AM

Session: PBLDs & Round Table Discussions - Offered Virtually

6:15 AM – 7:30 AM

PBLD #1: Google says I have MALS and Need a Celiac Plexus Block! To Block or Not...There is More Than That Question.

Kenneth R. Goldschneider, MD, FAAP; Cheryl J. Hartzell, MD

Objectives:

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

- * Develop a full differential diagnosis list for epigastric abdominal pain in pediatric patients.
- * Describe the celiac plexus block, approaches, indications, risks, and role as a diagnostic and therapeutic tool in patients with abdominal pain.
- * Identify and discuss the role pain practitioners can provide as a consultant not only in the treatment of abdominal pain, but also in developing differential diagnoses and diagnostic plans.
- * Review visceral hyperalgesia, treatment approaches and discuss how to present this to a patient who is wanting a "definitive diagnosis" based on a positive diagnostic test.
- * Develop an approach to patients who "self-diagnose-by-internet" and an approach to outside opinions that run counter to one's own.

6:15 AM – 7:30 AM

PBLD #2: How to Develop an Outpatient Acute Migraine Plan for the Pediatric Pain Specialist

Elisha Peterson, MD, FAAP; Robert B. Windsor, MD

Objectives:

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

- * Understand the diagnostic criteria for migraine with and without aura.
- * Understand the various mechanisms of acute migraine medications.
- * Appreciate the step and stratified approaches to acute migraine treatment.
- * Develop and troubleshoot a sample acute migraine plan.

6:15 AM – 7:30 AM

PBLD #3: Perioperative Pain Management in the Child with Cerebral Palsy undergoing Proximal Femoral Osteotomy with Acetabuloplasty

Nichole M. Doyle, MD; Emily L. Weisberg, MD

Objectives:

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

- * Highlight the goals of perioperative pain management in this patient population.
- * Discuss options for regional and neuraxial modalities for management of perioperative pain for this procedure
- * Examine options for multimodal perioperative pain management including opioid administration, anti-spasmodics, and other adjunct medications.
- * Review our institution's current management with a ERAS protocol.

6:15 AM – 7:30 AM

RTD #1: Pediatric Pain Medicine...Then and Now

Charles B. Berde, MD, PhD; Lynne Gerson Maxwell, MD, FAAP; Myron Yaster, MD

Objectives:

Upon completion of the Round Table Discussion, the participant will be able to:

- * Initiate scholarly endeavors and manage challenging clinical and professional scenarios.

** Develop a personalized approach for initiating scholarly projects and explore various techniques for dealing with difficult or controversial clinical and professional situations.*

6:15 AM – 7:30 AM

RTD #2: Getting the "Buy In" for Psychology: Proven Strategies for Providers and Systems to Increase Patient Access and Engagement with Evidence-based Psychological Intervention for Pediatric Pain

Simona Bujoreanu, PhD; Amy Hale, PhD

Objectives:

Upon completion of the Round Table Discussion, the participant will be able to:

** Initiate scholarly endeavors and manage challenging clinical and professional scenarios.*

** Develop a personalized approach for initiating scholarly projects and explore various techniques for dealing with difficult or controversial clinical and professional situations.*

6:15 AM – 7:30 AM

RTD #3: Psychophysical, Physiology and Data Mining Research Tools for Pediatric Pain and Their Clinical Implications

Thomas A. Anderson, MD, PhD; Vidya Chidambaran, MBBS, MD; Olubukola O. Nafiu, MD, FRCA

Objectives:

Upon completion of the Round Table Discussion, the participant will be able to:

** Initiate scholarly endeavors and manage challenging clinical and professional scenarios.*

** Develop a personalized approach for initiating scholarly projects and explore various techniques for dealing with difficult or controversial clinical and professional situations.*

7:35 AM – 7:45 AM

Welcome (Part II)/Housekeeping

Deepa Kattail, MD; Robert T. Wilder, MD, PhD

Session III: Pain Syndromes

Moderators: Christine D. Greco, MD, FAAP; Anjana Kundu, MBBS, MD

7:45 AM – 8:10 AM

Complex Regional Pain Syndrome: Medical Perspective

Galaxy Li, MD

8:10 AM – 8:35 AM

Complex Regional Pain Syndrome: Physical Therapy Perspective

Anita L Davis, BS, PT

8:35 AM – 9:00 AM

Myofascial Pain Syndrome

Andrew B Collins, MD

9:00 AM – 9:25 AM

Does ACNES Stand for Abdominal Cutaneous Nerve Entrapment Syndrome or for Absolutely Controversial Neurological Explanation Suggested?

Christine Lamontagne, MDCM

Objectives:

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

** Review two cases of ACNES.*

** Define ACNES and discuss the controversy behind its pathophysiology.*

** Review the evidence behind the different non-surgical and surgical treatment options for chronic abdominal wall pain in the context of its etiology.*

9:25 AM – 9:55 AM

Person Living With Pain (In Collaboration with US Pain Foundation)

Lyric's Journey with CRPS

Moderator: Rita Agarwal, MD, FAAP

Lyric Peters; Jade Peters

Objectives:

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

** Recognize the struggles many patients have had in order to get their pain properly diagnosed and treated.*

** Discuss the patient's experience with interdisciplinary pain clinic: evaluation and treatment.*

** Review the impact of neuropathic pain on patient's lives.*

9:55 AM – 10:15 AM

Discussion

Coffee Break with Exhibitors

10:15AM - 10:45AM

Session IV: Hot Topics in Pain

Moderators: Amber N. Borucki, MD; Vidya Chidambaran, MBBS, MD

10:45 AM – 10:50 AM

Introduction

10:50 AM – 11:05 AM

Collision of Stressors: Intersection of Gender Identity and Chronic Pain

Laura S. Gray, PhD

Objectives:

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

** Recall at least 4 gender identity terms.*

** Describe how gender identity intersects with chronic pain for youth.*

** Formulate their own gender-affirming care plan of action.*

11:05 AM – 11:20 AM

It Hurt Too Much to Cry so Instead He Smiled: Racial Inequities in Pain Management

Elisha Peterson, MD, FAAP

Objectives:

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

** Recognize the presence of racial disparities in pain management.*

** Identify the drivers of these disparities.*

** Discuss approaches to address these disparities.*

11:20 AM – 11:35 AM

IASP Classification of Chronic Pain: Impact of a Common Nomenclature for Diagnosis

Sheri Findlay, MD

Objectives:

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

** Describe what 'Chronic Primary Pain' is and differentiate it from 'Chronic Secondary Pain'.*

** Apply the new ICD 11 chronic pain classification system to common pediatric pain presentations.*

11:35 AM – 11:50 AM

You Do Not Use Dexmedetomidine? Are You from the Pleistocene?

Thomas A. Anderson, MD, PhD

Objectives:

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

** Discuss the positive effects of perioperative dexmedetomidine use in pediatric patients and describe its adverse effects.*

** Analyze patient and operative factors to determine when perioperative dexmedetomidine use is appropriate.*

** Construct perioperative anesthetic and analgesic plans incorporating dexmedetomidine.*

11:50 AM – 12:00 PM

Panel Discussion

Lunch with Exhibitors

12:00PM - 1:00PM

Session V: The Great Debate - Liposomal Bupivacaine Pro/Con

Moderators: Stephen R. Hays, MD, FAAP; Sophie R. Pestieau, MD

1:00 PM – 1:15 PM

The PRO SIDE of the Use of Liposomal Bupivacaine in the Pediatric Population

Veronica Carullo, MD

Objectives:

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

** Describe the safety and efficacy of liposomal bupivacaine for the treatment of acute perioperative pain in pediatric patients.*

** Understand the role and utility of liposomal bupivacaine in pediatric perioperative care.*

** Evaluate the scientific evidence supporting the use of liposomal bupivacaine for perioperative analgesia in pediatric patients.*

1:15 PM – 1:30 PM

The CON Side - Liposomal Bupivacaine: Is it Just Better Packaging?

Harshad G. Gurnaney, MBBS, MPH

Objectives:

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

** Discuss the current evidence regarding use of liposomal bupivacaine for local infiltration at the surgical site.*

** Discuss the current evidence regarding the use of liposomal bupivacaine for peripheral nerve blocks.*

** Demonstrate the cost vs. the benefit of the addition of liposomal bupivacaine for postoperative analgesia.*

1:30 PM – 1:40 PM

Discussion

Session VI: Compassionate Care for the Pediatric Cancer Patient

Moderators: Alina Lazar, MD; Yuan-Chi Lin, MD, MPH

1:40 PM – 2:00 PM

Neuroablative Techniques in Cancer Pain

Zvonimir Bebic, MD

2:00 PM – 2:20 PM

Interdisciplinary Management of Acute Cancer Pain

Anjali Koka, MD

Objectives:

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

** Describe perioperative goals related to acute and chronic cancer pain.*

** Compare regional analgesia options for cancer surgery-related pain in infants and children.*

** Design an interdisciplinary perioperative pain management plan including psychosocial interventions for youth undergoing surgery for cancer.*

2:20 PM – 2:30 PM

Discussion

Break with Exhibitors

2:30PM - 3:00PM**Session VII: Poster Awards/Presentations**

Moderator: Benjamin H. Lee, MD, MPH

3:00 PM – 3:30 PM

Poster Awards & Presentations

Objectives:

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

- * Discuss the latest scientific studies that are being performed in pediatric pain medicine and regional anesthesia to advance the specialty.
- * Discuss the advantages and disadvantages of new techniques and data related to pediatric pain medicine and regional anesthesia studies
- * Understand specific lessons learned from the literature as they relate to various aspects pediatric pain management and regional anesthesia.

3:30 PM – 4:30 PM

Moderated Poster Sessions

Moderator: Petra Meier-Haran, MD, DEAA

Objectives:

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

- * Discuss the latest scientific studies that are being performed in pediatric pain medicine and regional anesthesia to advance the specialty.
- * Discuss the advantages and disadvantages of new techniques and data related to pediatric pain medicine and regional anesthesia studies
- * Understand specific lessons learned from the literature as they relate to various aspects pediatric pain management and regional anesthesia.

Workshop Session

4:30 PM – 6:30 PM

WORKSHOP: Integrating Acupuncture in Pediatric Perioperative Care and Pain Medicine

Coordinator: Yuan-Chi Lin, MD, MPH

Brenda Golianu, MD; Jamie Kitzman, MD; Rosalie Tassone, MD, MPH; Cynthia Tung, MD; Shu-Ming Wang, MD

Objectives:

Upon completion of this workshop, participants will be able to:

- * Recognize the history and theory of acupuncture.
- * Summarize scientific evidence of acupuncture practice.
- * Describe acupuncture meridian and micro-system paradigms.
- * Explain incorporating acupuncture in peri-operative anesthesia care and pain practice.

4:30 PM – 6:30 PM

WORKSHOP: Pain and Symptom Management in Pediatric Palliative Care

Coordinator: Anjali Koka, MD; Bobbie Riley, MD, FAAP

Doralina L. Anghelescu, MD; Charles B. Berde, MD, PhD; Sabrina Carrie, MD; Andrea Cuvillo, MD; R. Scott Dingeman, MD, FAAP; Liza-Marie Johnson, MD, MPH, MSB; Monique Ribeiro, MD

Objectives:

Upon completion of this workshop, participants will be able to:

- * Identify goals of care and psychosocial support in pediatric palliative care.
- * Review concepts and controversies around palliative sedation therapy and PST algorithms.
- * Review advanced palliative pain management therapies in pediatric patients including psychopharmacology.
- * Identify a variety of regional and interventional techniques that can be used to treat refractory pain in pediatric patients with life-limiting conditions.
- * Demonstrate practical skills in having EOL conversations.

4:30 PM – 7:30 PM

SPA WORKSHOP: Know Pain, Know Gain: An Interdisciplinary Approach to Managing Acute and Transitional Perioperative Pain

Coordinator: Niveditha Karuppiah, MD; Ushma J. Shah, MD

Fatima Di Valentini; Heather Hardy; Abirami R. Kandasamy; Kathleen Lynch

Objectives:

Upon completion of this workshop, participants will be able to:

- * Articulate and value roles of members on an interdisciplinary pain team.
- * Outline and deconstruct perioperative assessment of pain and goal setting.
- * Identify risk factors for persistent post-surgical pain, and implement strategies for addressing them.
- * Formulate and implement effective pharmacological and non-pharmacological pain management strategies.
- * Devise effective strategies for knowledge translation and sustainability of the program within own individual institutions.

4:30 PM – 7:30 PM

SPA WORKSHOP: Advanced Ultrasound Guided Regional Anesthesia

Coordinator: Amod Sawardekar, MD

Tarun Bhalla, MD, MBA, FASA, FAAP; Adrian T. Bosenberg, MB, ChB, FFA; Candice M. Burrier, MD; Arjunan Ganesh, MBBS; Chris D. Glover, MD; Jared Hylton, MD; Kim-Phuong Thi Nguyen, MD; Nihar V. Patel, MD; Elizabeth M. Ross, MD; Ravi D. Shah, MD; Angelica A. Vargas, MD; Benjamin J. Walker, MD

Objectives:

Upon completion of this workshop, participants will be able to:

- * Understand the advanced functions of the ultrasound machine.
- * Differentiate the ultrasound probes for various age groups.

** Define anatomy using ultrasound guidance of advanced peripheral nerve blocks including upper and lower extremity, truncal, and head and neck blocks.*

** Scan and perform the common and advanced peripheral nerve blocks utilized in pediatric anesthesia practice.*