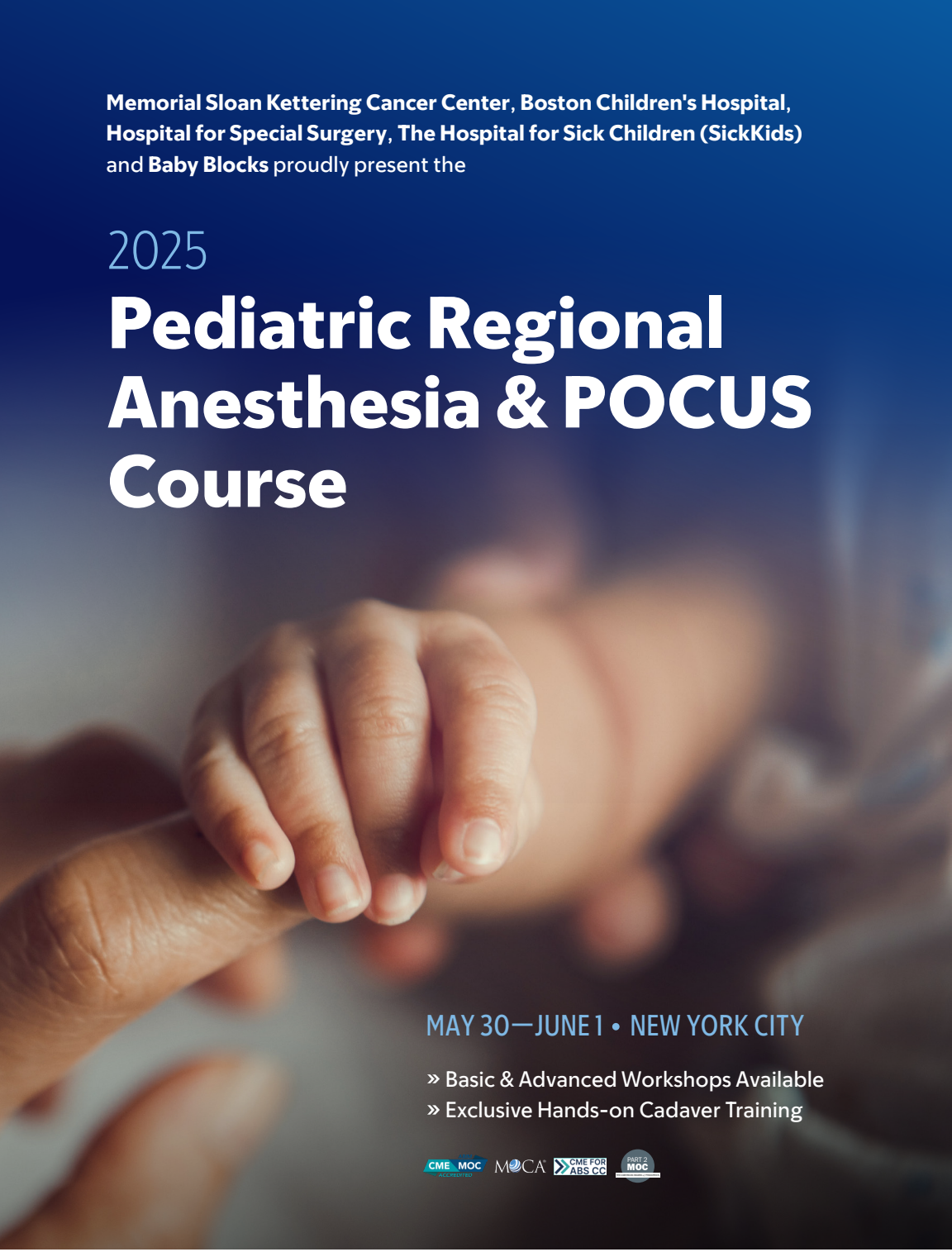
**Memorial Sloan Kettering Cancer Center**, **Boston Children's Hospital**, **Hospital for Special Surgery**, **The Hospital for Sick Children (SickKids)** and **Baby Blocks** proudly present the

2025

# Pediatric Regional Anesthesia & POCUS Course



MAY 30—JUNE 1 • NEW YORK CITY

» Basic & Advanced Workshops Available
» Exclusive Hands-on Cadaver Training

Memorial Sloan Kettering Cancer Center

Boston Children's Hospital Anesthesiology, Critical Care & Pain Medicine

HSS

SickKids

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# Overview

**Memorial Sloan Kettering Cancer Center**, **Boston Children's Hospital**, **Hospital for Special Surgery**, **The Hospital for Sick Children (SickKids)**, and **Baby Blocks** proudly present the inaugural **Pediatric Regional Anesthesia & POCUS Course**—an innovative, hands-on program designed specifically for physicians dedicated to pediatric care.

Over the course of three dynamic days, participants will immerse themselves in specialized sessions focused on ultrasound-guided regional anesthesia (UGRA) and Point-of-Care Ultrasound (POCUS). This course will provide essential skills, cutting-edge insights, and practical expertise to enhance your practice and improve patient outcomes.

**Participants can customize their registration based on their interests, opting for individual days or the full three-day course.** Additionally, each day offers flexible workshop selections, including **hands-on cadaver training**. Those who register for the full three-day program can take advantage of a discounted rate.

This course is designed for physicians interested in pediatric patient care, seeking to enhance their expertise in pediatric regional anesthesia and point-of-care ultrasound (POCUS). It is designed for a wide range of specialties, including anesthesiology, pediatrics, emergency medicine, pain medicine, internal medicine, and critical care. Whether you are a resident, fellow, or experienced physician aiming to refine your skills in ultrasound-guided regional anesthesia and POCUS, this course offers valuable, hands-on learning opportunities.

**Currently, registration is open exclusively to physicians.** Fellows and residents interested in attending may join the waitlist. If space becomes available, notifications will be sent on May 2, and a discounted registration rate will be offered. MSK employees must also register for the waitlist and will be notified on May 16 if space permits.

## Friday, May 30 — POCUS Essentials

The course will open with the **POCUS Essentials Workshop**, providing participants with a core set of high-value POCUS applications that seamlessly integrate into daily clinical practice. Through hands-on experience, participants will learn to apply these techniques to enhance clinical decision-making, improving both accuracy and efficiency in patient care.

Participants on the first day have the option to attend the **ASA Diagnostic POCUS Part IV** test (4:00–5:00 PM) to earn credit. This session is for those pursuing ASA Diagnostic POCUS certification and needing supervised exams by ASA-qualified observers. If access to observers is limited at your institution, this session provides an opportunity to complete those exams.

## Saturday, May 31 — Basic Regional Anesthesia (With or Without Cadaver Lab)

On day two, the **Basic Regional Anesthesia Workshop** focuses on essential pediatric nerve blocks, with participants rotating through interactive, small-group stations. Participants have the option to enhance their learning by registering for the **Cadaver Lab**, an immersive, hands-on workshop offering a controlled, risk-free environment for practicing and refining techniques. Guided by experts, attendees will gain confidence and develop essential skills before applying them in clinical practice.

## Sunday, June 1 — Advanced Regional Anesthesia (With or Without Cadaver Lab)

On day three, the **Advanced Regional Anesthesia Workshop** covers more complex pediatric nerve blocks and advanced ultrasound techniques. The **Cadaver Lab** is once again available, offering a valuable opportunity to safely experiment with advanced techniques in a controlled, immersive setting, allowing attendees to refine skills and enhance proficiency.

**Participants can register for individual days or the full three-day course. Each day offers flexible options, including hands-on cadaver training, which can be selected on one or both days. Cadaver labs are limited to 16 participants per day, so early registration is highly recommended to secure a spot.**

**This course will be hosted at Memorial Sloan Kettering Cancer Center, and the Cadaver Labs will be conducted at the Hospital for Special Surgery.**

## Course Location

**Memorial Sloan Kettering Cancer Center**
Zuckerman Research Center
417 East 68th Street
New York City


## Cadaver Lab*

**Hospital for Special Surgery**
Simulation Learning & Training Center
535 East 70th Street
New York City

*Participants registered for the Cadaver Lab will be escorted to and from HSS for their sessions.

The course is being held in collaboration with
**Memorial Sloan Kettering Cancer Center**, **Boston Children's Hospital**, **Hospital for Special Surgery**, **The Hospital for Sick Children (SickKids)**, and **Baby-Blocks**.

Memorial Sloan Kettering Cancer Center
Boston Children's Hospital Anesthesiology, Critical Care & Pain Medicine
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# Networking and Social Events

This course will also include social events designed to bring our community together and foster meaningful connections. Curated by the course directors, these engaging gatherings will offer exclusive opportunities to network with colleagues and experience the vibrant energy of New York City.

**Registered attendees will receive a detailed email before the course with information on these exciting events.**

**msk.org/PedsAnesthesiaCourse**

## Course Directors

**John Hagen, MD, MBA, FAAP, FASA**
Director of Pediatric Anesthesia
Director of Pediatric Regional Anesthesia
Associate Attending, Department of Anesthesiology
and Critical Care Medicine
Memorial Sloan Kettering Cancer Center
New York, NY

**Walid Alrayashi, MD**
Director, Regional Anesthesiology
Associate in Perioperative Anesthesia and Pain Medicine,
Department of Anesthesiology, Critical Care and Pain Medicine
Boston Children's Hospital
Assistant Professor of Anaesthesia, Harvard Medical School
Boston, MA

**Michelle Carley, MD**
Attending Anesthesiologist,
Hospital for Special Surgery
Clinical Assistant Professor of Anesthesiology,
Weill Cornell Medical College
New York, NY

**Deepa Kattail, MD, MHS, FAAP**
Associate Professor, Department of Anesthesiology & Pain Medicine
The Hospital for Sick Children (SickKids)
Toronto, Ontario, Canada

## Course Planners

**Rodrigo Daly Guris, MBBS, MSc, FAAP**
Assistant Professor of Anesthesiology
Children's Hospital of Philadephia
Philadelphia, PA

**Mariam Latif, MBChB**
NHS England
England, United Kingdom

**Sampaguita-Inez P. Tafoya, MD**
Vice Chair of the Department of Anesthesiology
Shriners Hospitals for Children
Sacramento, CA

## Course Faculty

**Can Aksu, MD, EDRA**
Pediatric Anesthesiologist
University of Kocaeli Medical School
Kocaeli, Turkey

**Teddy Barkulis, DO**
Clinical Medical Director,
Pediatric Spine Anesthesia
Cohen Children's Medical Center
New Hyde Park, NY

**Ignacio Cuevas, MD**
Director of Satellite Anesthesia Services,
Department of Pediatric Anesthesia
Pereira Rossell Hospital
Montevideo, Uruguay

**Kathryn (Kate) DelPizzo, MD**
Director of Pediatric Anesthesia
Hospital for Special Surgery
New York, NY

**Carine Foz, MD**
Pediatric Anesthesiologist
Boston Children's Hospital
Boston, MA

**Andrea Gomez Morad, MD**
Pediatric Anesthesiologist
Hilo Medical Center
Hilo, Hawaii

**Alejandra Hernandez, MD**
Pediatric Anesthesiologist
Boston Children's Hospital
Boston, MA

**Cassandra Hoffman, MD**
Pediatric Anesthesiologist
Akron Children's
Akron, OH

**Angela Renee Ingram, MD**
Assistant Professor of Anesthesiology
Memorial Sloan Kettering Cancer Center
New York, NY

**Shona Lee, MD**
Pediatric Anesthesiologist
Weill-Cornell Medical Center
New York, NY

**Benita Liao, MD**
Assistant Professor of Anesthesiology
Cohen Children's Medical Center
New Hyde Park, NY

**Saima Rashid, MD**
Assistant Professor of Anesthesiology
Memorial Sloan Kettering Cancer Center
New York, NY

**Kevin Rivera Vazquez, MD**
Assistant Professor of Anesthesiology
Cook Children's
Fort Worth, TX

**Jordan M. Ruby, MD**
Assistant Professor of Anesthesiology
Hospital for Special Surgery
New York, NY

Memorial Sloan Kettering Cancer Center adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. All relevant financial relationships have been mitigated prior to the commencement of the activity.

**msk.org/PedsAnesthesiaCourse**

## Friday, May 30

# POCUS Essentials Workshop

| TIME | SESSION/FACULTY |
|---|---|
| 7:00 AM | Breakfast and Check-in |
| 7:30 AM | **Welcome and Introduction**<br>Deepa Kattail, MD, MHS, FAAP |
| **Gastric Ultrasound** | |
| 7:40 AM | **Introduction to Gastric Ultrasound***<br>Andrea Gomez Morad, MD |
| 7:50 AM | Hands-on Practice<br>**Extended Practice of Gastric Ultrasound Techniques** |
| **Airway Ultrasound** | |
| 8:40 AM | **Overview of Airway Ultrasound***<br>Alejandra Hernandez, MD |
| 8:50 AM | Hands-on Practice<br>**Application of Airway Ultrasound Techniques** |
| 9:20 AM | Break |
| **Vascular Ultrasound** | |
| 9:30 AM | **Introduction to Vascular Ultrasound Techniques***<br>Mariam Latif, MBChB |
| 9:40 AM | Hands-on Practice<br>**Practice Vascular Ultrasound Skills** |
| **Lung Ultrasound** | |
| 10:10 AM | **Overview of Lung Ultrasound Techniques**<br>Rodrigo Daly Guris, MBBS(MD), MSc |
| 10:20 AM | Hands-on Practice<br>**Hands-on Lung Ultrasound Practice** |
| **Focused Assessment with Sonography in Trauma (FAST)** | |
| 10:40 AM | **Overview of the FAST Exam**<br>Walid Alrayashi, MD |
| 10:50 AM | Hands-on Practice<br>**Application of the FAST Exam** |
| 11:20 AM | Lunch Break |

*Eligible for Patient Safety Credits

## Cardiac Ultrasound

| | |
|---|---|
| 12:20 PM | **Overview of Cardiac Ultrasound Techniques (PSAX and S4C)**<br>John Hagen, MD, MBA, FAAP, FASA |
| 12:30 PM | Hands-on Practice<br>**Practice Cardiac Ultrasound Skills** |

## Post-Workshop Assessment Exams

| | |
|---|---|
| 1:20 PM | **Gastric Ultrasound** |
| 1:30 PM | **Airway Ultrasound** |
| 1:40 PM | **Vascular Ultrasound** |
| 1:50 PM | **Lung Ultrasound** |
| 2:00 PM | **Focused Assessment with Sonography in Trauma (FAST)** |
| 2:10 PM | **Cardiac Ultrasound** |
| 2:20 PM | Break |
| 2:40 PM | **Program Wrap-Up, Q&A, and Additional Hands-on Practice**<br>Deepa Kattail, MD, MHS, FAAP |
| 3:00 PM | **Extended Hands-on Practice of All Modules** |
| 4:00 PM | **Optional ASA Diagnostic POCUS Part IV Test**<br>Space is limited; pre-registration required. |
| 5:00 PM | Adjournment |

## Saturday, May 31

# Basic Regional Anesthesia Workshop

| TIME | SESSION/FACULTY |
|---|---|
| 7:00 AM | Breakfast and Check-in |
| 7:30 AM | **Welcome and Introduction**<br>John Hagen, MD, MBA, FAAP, FASA |

## Hands-On Rotations

Participants will rotate through five stations, with a **break from 10:30 to 10:40 AM**.

7:40 AM

STATION I
**Head and Neck Blocks**
Superficial Cervical Plexus Block, Infraorbital, and SZM

STATION II
**Upper Extremity Blocks**
Interscalene, Supraclavicular, and Infraclavicular Blocks

STATION III
**Lower Extremity Blocks**
Femoral, Adductor Canal, and Popliteal Sciatic Nerve Blocks

STATION IV
**Thoracic Blocks**
ESP, PECS Blocks, and Serratus Anterior Plane Block

STATION V
**Neuraxial/Paraspinal Blocks**
Epidural and Spinal Blocks

## Optional Hands-On Cadaver Lab Training

Participants and faculty will walk to the **Simulation Learning & Training Center at the Hospital for Special Surgery**. Participants will rotate through six stations, with a **break from 10:00 to 10:10 AM**. Space is limited for the Cadaver Lab; pre-registration is required.

7:40 AM **Introduction and Overview**
Michelle Carley, MD

STATION I
**Upper Extremity Blocks**
Interscalene, Supraclavicular, and Axillary Blocks

STATION II
**Thoracic-Posterior Blocks**
Erector Spinae Plane (ESP) and Paravertebral Block (PVB)

| | |
|---|---|
| | STATION III<br>**Thoracic-Anterior Blocks**<br>Serratus Anterior Plane Block (SAPB), External Oblique Intercostal (EOI), and Superficial and Deep Intercostal Plane Blocks (SPIP/DPIP)<br>STATION IV<br>**Neuraxial Blocks**<br>Spinal, Caudal, and Epidural Blocks<br>STATION V<br>**Lower Extremity Blocks**<br>PENG, Femoral, and Lateral Sciatic Nerve Blocks<br>STATION VI<br>**Head and Neck Blocks**<br>SZM, SCM, and Infraorbital Nerve Blocks |
| 12:10 PM | Conclude and Return to MSK |
| 12:20 PM | Lunch Break |
| 1:20 PM | **Abdominal Blocks**<br>TAP, sTAP, and Rectus Sheath Blocks |
| 2:10 PM | **Dosing of Local Anesthetics for Pediatric Regional Anesthesia***<br>Sampaguita-Inez P. Tafoya, MD |
| 2:40 PM | Break |

## Post-Workshop Assessment Exams

| | |
|---|---|
| 2:50 PM | **Head and Neck Blocks** |
| 3:00 PM | **Upper Extremity Blocks** |
| 3:10 PM | **Lower Extremity Blocks** |
| 3:20 PM | **Thoracic Blocks** |
| 3:30 PM | **Neuraxial/Paraspinal Blocks** |
| 3:40 PM | **Abdominal Blocks** |
| 3:50 PM | **Program Wrap-Up, Q&A, and Final Remarks**<br>John Hagen, MD, MBA, FAAP, FASA |
| 4:00 PM | Adjournment |

*Eligible for Patient Safety Credits

**msk.org/PedsAnesthesiaCourse**

## Sunday, June 1

# Advanced Regional Anesthesia Workshop

| TIME | SESSION/FACULTY |
|---|---|
| 7:00 AM | Breakfast and Check-in |
| 7:30 AM | **Welcome and Introduction**<br>Walid Alrayashi, MD |

## Hands-On Rotations

Participants will rotate through five stations, with a **break from 10:10 to 10:20 AM**.

7:40 AM

STATION I
**Head and Neck Blocks**
Superficial Cervical Plexus Block, Infraorbital, and SZM

STATION II
**Upper Extremity Blocks**
Superior Trunk, Suprascapular Nerve Block, and Costoclavicular

STATION III
**Lower Extremity Blocks**
PENG, Sciatic (Parasacral), Sciatic (Anterior), and Genicular Blocks

STATION IV
**Thoracic Blocks**
PVB, Parasternal, and EOI Blocks

STATION V
**Neuraxial/Paraspinal Blocks**
Epidural, Spinal, and Caudal Blocks

## Optional Hands-On Cadaver Lab Training

Participants and faculty will walk to the **Simulation Learning & Training Center at the Hospital for Special Surgery**. Participants will rotate through six stations, with a **break from 9:55 to 10:05 AM**. Space is limited for the Cadaver Lab; pre-registration is required.

7:40 AM **Introduction and Overview**
Michelle Carley, MD

STATION I
**Upper Extremity Blocks**
Superior Trunk, Suprascapular Nerve Block, and Costoclavicular Blocks

STATION II
**Thoracic-Posterior Blocks**
Erector Spinae plane (ESP), Paravertebral Block (PVB), and Serratus Anterior Plane Block (SAPB)

| | |
|---|---|
| | STATION III<br>**Thoracic-Anterior Blocks**<br>Serratus Anterior Plane Block (SAPB), External Oblique Intercostal (EOI), Superficial and Deep Intercostal Plane Blocks (SPIP/DPIP)<br>STATION IV<br>**Neuraxial Blocks**<br>Spinal, Caudal, and Epidural Blocks<br>STATION V<br>**Lower Extremity Blocks**<br>PENG, Femoral, and Lateral Sciatic Nerve Blocks<br>STATION VI<br>**Head and Neck Blocks**<br>SZM, SCM, and Infraorbital Nerve Blocks |
| 11:40 AM | Conclude and Return to MSK |
| 11:50 AM | Lunch Break |
| 12:50 PM | **Abdominal Blocks**<br>Lumbar Plexus, Posterior QL, Anterior QL Blocks |
| 1:40 PM | **Cryoablation Techniques**<br>Introduction to Cryo Techniques for Pain Management (LFCN/Anterior Femoral, Knee) |
| 2:30 PM | **Dosing and Utilization of Adjuvants for Pediatric Regional Anesthesia***<br>Teddy Barkulis, DO |
| 3:00 PM | Break |

## Post-Workshop Assessment Exams

| | |
|---|---|
| 3:10 PM | **Head and Neck Blocks** |
| 3:20 PM | **Upper Extremity Blocks** |
| 3:30 PM | **Lower Extremity Blocks** |
| 3:40 PM | **Thoracic Blocks** |
| 3:50 PM | **Neuraxial/Paraspinal Blocks** |
| 4:00 PM | **Abdominal Blocks** |
| 4:10 PM | **Program Wrap-Up, Q&A, and Final Remarks**<br>Walid Alrayashi, MD |
| 4:30 PM | Adjournment |

*Eligible for Patient Safety Credits

**msk.org/PedsAnesthesiaCourse**

# Accreditation

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## AMA Credit Designation Statement

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of **22.00** ***AMA PRA Category 1 Credits™***. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## MOC/CC Recognition Statements

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 22.00 credits/points in the following certification programs:

- Medical Knowledge MOC points in the American Board of Internal Medicine's (**ABIM**) Maintenance of Certification Assessment Recognition Program; and
- Lifelong Learning & Self-Assessment MOC points for the American Board of Pediatrics (**ABP**) Maintenance of Certification program; and
- Accredited CME and Self-Assessment credits for the American Board of Surgery (**ABS**) Continuous Certification program.

MOC/CC points will be reported to your board within 45 days of course completion.

## American Board of Anesthesiology® MOCA 2.0®

Maintenance of Certification in Anesthesiology™ program and MOCA® are registered trademarks of The American Board of Anesthesiology® MOCA 2.0® is a trademark of the American Board of Anesthesiology®.

This activity offers up to 22 CME credits, of which **1.25 credits contribute the patient safety CME** component of the American Board of Anesthesiology's redesigned Maintenance of Certification in AnesthesiologyTM (MOCA®) program, known as MOCA 2.0®. Please consult the ABA website, **theABA.org**, for a list of all MOCA 2.0® requirements.

## ASA POCUS Part 4 Diagnostic Credits

The ASA POCUS Part 4 program is accredited by the Accreditation Council for Continuing Medical Education (ACCME). This program is designed to enhance the skills of healthcare professionals in point-of-care ultrasound (POCUS) through structured training and assessment.

**For additional details and registration, scan the QR code or visit:**

**msk.org/PedsAnesthesiaCourse**

**Currently, registration is open exclusively to physicians.** Fellows and residents interested in attending may join the waitlist. If space becomes available, notifications will be sent on May 2, and a discounted registration will be offered. MSK employees must also register for the waitlist and will be notified on May 16 if space permits.

| **Daily Rate (Select One or Multiple Days)** | |
|---|---|
| Day 1: POCUS Essentials | $800 |
| Day 2: Basic Regional Anesthesia | $900 |
| Day 3: Advanced Regional Anesthesia | $900 |
| Full Course (All 3 Days, Discounted Rate) | $2,200 |

| **Optional Add-ons** | |
|---|---|
| Day 1: ASA POCUS Part 4 Diagnostic Credits | $100 |
| Day 2: Basic Regional Cadaver Lab | $300 |
| Day 3: Advanced Regional Cadaver Lab | $300 |

**Discounted registration is available for specific groups.** If eligible, you will receive further instructions and a promotion code to use during registration. View the course website for more information.

For details on our **cancellation terms**, visit the course website.

# Baby Blocks

Never stop learning. Crawl, Walk, RUN —

**In this quickly evolving field, we are stronger together. Baby Blocks builds a vanguard of theory and practice and cultivates a community of scholar-practitioners interested in a lively exchange of ideas and support.**

## Advanced Learning

From regional nerve blocks, to vascular access, to POCUS, our experts offer detailed descriptions to help you integrate this knowledge into your current practice. We serve trainees at the beginning of their careers, as well as more experienced clinicians looking to update and further their current clinical skill set.

In addition, we offer parents/caregivers guidance and information so they can make informed choices on their treatment options.

## Support for Our Community

Education happens within the context of a larger community. Diversity of thought, ideas, and viewpoints are the catalysts for learning. We create community for like-minded practitioners and foster a dialogue where we all continue to grow and learn.

**Learn more and join the Baby Blocks community:**

**baby-blocks.com**