

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



SickKids®

Baby Blocks
Never stop learning. Crawl, Walk, RUN —

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



SickKids

Baby Blocks
Never stop learning. Grow. Walk. Run.



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.

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 Philadelphia
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

Assistant Professor of Anesthesiology
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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.

Friday, May 30

POCUS Essentials Workshop

TIME	SESSION/FACULTY
7:00 AM	Breakfast and Check-in
7:30 AM	Welcome and Introduction Deepa Kattail, MD, MHS, FAAP
Gastric Ultrasound	
7:40 AM	Introduction to Gastric Ultrasound* Andrea Gomez Morad, MD
7:50 AM	Hands-on Practice Extended Practice of Gastric Ultrasound Techniques
Airway Ultrasound	
8:40 AM	Overview of Airway Ultrasound* Alejandra Hernandez, MD
8:50 AM	Hands-on Practice Application of Airway Ultrasound Techniques
9:20 AM	Break
Vascular Ultrasound	
9:30 AM	Introduction to Vascular Ultrasound Techniques* Mariam Latif, MBChB
9:40 AM	Hands-on Practice Practice Vascular Ultrasound Skills
Lung Ultrasound	
10:10 AM	Overview of Lung Ultrasound Techniques Rodrigo Daly Guris, MBBS(MD), MSc
10:20 AM	Hands-on Practice Hands-on Lung Ultrasound Practice
Focused Assessment with Sonography in Trauma (FAST)	
10:40 AM	Overview of the FAST Exam Walid Alrayashi, MD
10:50 AM	Hands-on Practice 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)**
John Hagen, MD, MBA, FAAP, FASA
- 12:30 PM **Hands-on Practice**
Practice Cardiac Ultrasound Skills
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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**
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**
Space is limited; pre-registration required.
- 5:00 PM Adjournment
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Saturday, May 31

Basic Regional Anesthesia Workshop

TIME	SESSION/FACULTY
7:00 AM	Breakfast and Check-in
7:30 AM	Welcome and Introduction 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

Thoracic-Anterior Blocks

Serratus Anterior Plane Block (SAPB), External Oblique Intercostal (EOI), and Superficial and Deep Intercostal Plane Blocks (SPIP/DPIP)

STATION IV

Neuraxial Blocks

Spinal, Caudal, and Epidural Blocks

STATION V

Lower Extremity Blocks

PENG, Femoral, and Lateral Sciatic Nerve Blocks

STATION VI

Head and Neck Blocks

SZM, SCM, and Infraorbital Nerve Blocks

12:10 PM Conclude and Return to MSK

12:20 PM Lunch Break

1:20 PM **Abdominal Blocks**
TAP, sTAP, and Rectus Sheath Blocks

2:10 PM **Dosing of Local Anesthetics for Pediatric Regional Anesthesia***
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**
John Hagen, MD, MBA, FAAP, FASA

4:00 PM Adjournment

*Eligible for Patient Safety Credits

Sunday, June 1

Advanced Regional Anesthesia Workshop

TIME	SESSION/FACULTY
7:00 AM	Breakfast and Check-in
7:30 AM	Welcome and Introduction 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

Thoracic-Anterior Blocks

Serratus Anterior Plane Block (SAPB), External Oblique Intercostal (EOI), Superficial and Deep Intercostal Plane Blocks (SPIP/DPIP)

STATION IV

Neuraxial Blocks

Spinal, Caudal, and Epidural Blocks

STATION V

Lower Extremity Blocks

PENG, Femoral, and Lateral Sciatic Nerve Blocks

STATION VI

Head and Neck Blocks

SZM, SCM, and Infraorbital Nerve Blocks

11:40 AM Conclude and Return to MSK

11:50 AM Lunch Break

12:50 PM **Abdominal Blocks**
Lumbar Plexus, Posterior QL, Anterior QL Blocks

1:40 PM **Cryoablation Techniques**
Introduction to Cryo Techniques for Pain Management
(LFCN/Anterior Femoral, Knee)

2:30 PM **Dosing and Utilization of Adjuvants for Pediatric Regional Anesthesia***
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**
Walid Alrayashi, MD

4:30 PM Adjournment

*Eligible for Patient Safety Credits

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®

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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 Anesthesiology™ (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.



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