

38th Annual CHOP Pediatric Emergency Medicine CME Course

Nov. 3 – 5, 2021

*This will be a HYBRID Conference with virtual,
live and hybrid options for attendance.*

chop.cloud-cme.com

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 Children's Hospital
of Philadelphia
Breakthroughs. Every day.®



PROGRAM

WEDNESDAY, NOV. 3, 2021

8:30 a.m. Registration and Continental Breakfast

Moderator: Jill Posner, MD, MSCE, MSEd

9 a.m. Welcome

Jill Posner, MD, MSCE, MSEd

Khoon-Yen Tay, MD

9:15 a.m. **Keynote Presentation — Can't Throw Away Our Shot:
Proactive Firearm Violence Prevention for the Emergency Provider**

Ruth Abaya, MD, MPH

Injury Prevention Program Manager, Philadelphia Department of Public Health

Fellow, Stoneleigh Foundation

Assistant Professor of Pediatrics

10 a.m. **Ecstasy Turned to Agony: Novel Psychoactive Drugs**

Kevin Osterhoudt, MD, MSCE

10:40 a.m. **Heartache in the COVID Era: When Chest Pain is Not Just Musculoskeletal**

Mirna M'Farrej, MD

11:20 a.m. **ICYMI: What's New in the PEM Literature**

Jeffrey Seiden, MD, MHA

Noon **Boxed Lunch**

1 p.m. **Diagnostic Cases/Procedure Fair**

Procedure Fair Co-Directors: Eva Delgado, MD; Ellen Szydlowski, MD

Pediatric Emergency Medicine Faculty and Fellows

Case Presentation Faculty: Mercedes Blackstone, MD; Manoj Mittal, MD, MRCP;

Cynthia Mollen, MD, MSCE; Joseph Zorc, MD, MSCE

Wednesday afternoon's Procedure Fair will allow participants to get hands-on practice with procedures that are both common and uncommon in their daily practice setting, including primary care, urgent care and emergency medicine. Examples may include: airway management, intraosseous line placement, nasal foreign body removal, lumbar puncture, simple and complex laceration repair, and many more! Half the participants will participate in the Procedure Fair while half attend Diagnostic Cases. CHOP PEM faculty will present diagnostically challenging cases of patients seen in the CHOP ED. Half the group will be in each session and then switch at the break.

2:15 p.m. **Break for Travel and Snack**

2:30 p.m. **Diagnostic Cases/Procedure Fair**

3:45 p.m. **Adjourn**

PROGRAM

THURSDAY, NOV. 4, 2021

7:30 a.m. Continental Breakfast

Moderator: Khoon-Yen Tay, MD

8 a.m. Pediatric DERmergencies You May Have Never Considered

James Treat, MD

8:45 a.m. Breaking Tradition: Out with the Old, In with the New in Pediatric Orthopedics

Ellen Szydlowski, MD

9:30 a.m. Coffee Break

9:45 a.m. Are You Up to Code? Updates in PALS

Aaron Donoghue, MD, MSCE

10:30 a.m. Mythbusters: PEM Fact or Fiction?

*Senior PEM Fellows: Lillian Buchalter, MD, MPH; Hanae Fujii-Rios, MD, MPH;
Jacob Hemberger, MD; Vinay Kampalath, MD, DTMH; Richard Latuska, MD*

11:30 a.m. Boxed Lunch

12:30 p.m. Diagnostic Cases/Simulation

Simulation Faculty: Marleny Franco, MD; Michael Hrdy, MD; Khoon-Yen Tay, MD

PEM Fellows: Christopher Gaw, MD, MBE; Kaleena Patel, MD; Casey Pitts, MD;

Jasmine Umana, MD

Case Presentation Faculty: Daniel Corwin, MD, MSCE; Karen DiPasquale, DO;

Richard Scarfone, MD; Alexandra Vinograd, MD, MSHP, DTMH

Participants will rotate through three high-fidelity simulation scenarios facilitated by CHOP PEM simulation faculty and fellows. Due to COVID precautions, space may have to be limited. If you do not want to participate in simulation *or* space has to be limited, all participants are welcome to attend the concurrent session, Diagnostic Cases. The cases will *not* be repeated.

2 p.m. Coffee Break

2:15 p.m. Diagnostic Cases/Simulation

3:45 p.m. Adjourn

REGISTER ONLINE: [CHOP.CLOUD-CME.COM](https://chop.cloud-cme.com)

PROGRAM

FRIDAY, NOV. 5, 2021

7:30 a.m. Continental Breakfast

Moderator: Khoon-Yen Tay, MD

8 a.m. Take a Deep Breath: Biomarkers and Other Advances in Pediatric Pneumonia
Laura Sartori, MD

8:45 a.m. Gray Areas in Protecting Kids' Gray Matter (and White Matter, Too)
James Callahan, MD

9:30 a.m. Coffee Break

9:45 a.m. Disasters in Diapers: Non-infectious Neonatal Emergencies
K. Taylor Wild, MD

10:30 a.m. Are We There Yet? And Other Important Questions in Pediatric Transport
Panel Discussion: Robert Belfer, MD (Moderator)
Theresa Walls, MD, MPH
Nicholas Tsarouhas, MD
Samantha Burwell, BSN, RN, CCRN

11:30 a.m. Boxed Lunch

12:30 p.m. – to 3:15 p.m. Choose Two of Your Own Adventure Workshops

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|--------------------------|--|--|--|
| 12:30 – 1:45 p.m. | Ultrasound Workshop <i>A. Chen</i> <i>R. Marchese</i> <i>M. McWay</i> <i>M.K. Claiborne</i> <i>J. Hemberger</i> <i>V. Kampalath</i> | Radiology Workshop <i>S. Kaplan</i> <i>R. Rempell</i> <i>H. Fujii-Rios</i> | Sports Medicine Workshop <i>M. Grady</i> <i>A. Weiss</i> <i>R. Latuska</i> <i>L. Buchhalter</i> |
| 1:45 – 2 p.m. | BREAK | BREAK | BREAK |
| 2 – 3:15 p.m. | Ultrasound Workshop <i>A. Chen</i> <i>R. Marchese</i> <i>M. McWay</i> <i>M.K. Claiborne</i> <i>J. Hemberger</i> <i>V. Kampalath</i> | Radiology Workshop <i>S. Kaplan</i> <i>R. Rempell</i> <i>H. Fujii-Rios</i> | Sports Medicine Workshop <i>M. Grady</i> <i>A. Weiss</i> <i>R. Latuska</i> <i>L. Buchhalter</i> |

3:15 p.m. Adjourn

COURSE INFORMATION

PURPOSE AND TARGET AUDIENCE

The increasing number of acutely ill and injured pediatric patients presenting to Emergency Departments and offices requires that emergency physicians, pediatric emergency physicians, pediatricians, family physicians, pediatric nurse practitioners and physician assistants be prepared to assess, diagnose and expertly treat a wide variety of pediatric emergencies. Diagnostic and therapeutic practices continue to evolve, and patient care recommendations and guidelines continue to improve. This course will feature state-of-the-art teaching formats, including evidence-based lectures, workshops and simulation in procedural skills, resuscitation, and diagnostic reasoning.

COURSE OBJECTIVES

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

- Describe the approach to the resuscitation of a child in cardiopulmonary arrest based on the most recent Pediatric Advanced Life Support guidelines
- Discuss new approaches to the diagnosis and treatment of pneumonia
- Elaborate on areas of consensus and controversy in managing pediatric head trauma
- Describe newer indications and uses for point-of-care ultrasound in the pediatric emergency department
- Recognize newly emerging, COVID-associated causes of chest pain in children and adolescents
- Practice key features of the musculoskeletal exam when assessing sports-related injuries

ACCME ACCREDITATION STATEMENT

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

AMA CREDIT DESIGNATION STATEMENT

Children's Hospital of Philadelphia designates this live activity for a maximum of 17.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Virtual participants can claim up to 9.5 Category 1 credits.

MAINTENANCE OF CERTIFICATION STATEMENT

Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn 8.5 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABP MOC credit.

CANCELLATION AND REFUND POLICY

Refunds will be processed with written notification of cancellation if received by Monday, Oct. 25, 2021, subject to a \$75 service charge. Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of a cancellation or postponement, Children's Hospital of Philadelphia will refund the registration fees, but is not responsible for any related costs, charges or expenses to participants, including charges assessed by airlines, hotels and travel agencies.

We acknowledge the uncertainties related to the COVID-19 pandemic and as such, are offering this course with flexibility for both virtual and in-person attendance options. All in-person sessions will be conducted in accordance with local and national guidelines for masking and social distancing. In the event of CHOP- or government-mandated restrictions on in-person meetings, we will provide the morning sessions as virtual for all attendees and refund the difference in registration fees.

REGISTRATION

The conference will be held from Wednesday, Nov. 3 to Friday, Nov. 5, 2021. The course is offered as a hybrid course. Morning lectures will be offered in person and live streamed for registrants participating virtually (9.5 credits). Small group hands-on sessions including workshops, simulations, Procedure Fair, and Diagnostic Cases are offered only in-person (17.5 credits). Register online at chop.cloud-cme.com.

IN-PERSON CONFERENCE GUIDELINES RELATED TO COVID

- All learners are required to provide documentation of COVID vaccination by Monday, Oct. 25, 2021 to: mannices@chop.edu
- Masks must be worn in CHOP buildings at all times, including the conference room and hands-on stations, except for when eating breakfast or lunch in the cafeteria.
- Individual boxed breakfast and lunch are included both days during the course.
- There will be no food or drink allowed in the conference room or hands-on stations.

FEES

| | In-person Entire Course | Virtual Sessions Only |
|------------------------------------|-------------------------|-----------------------|
| Physicians | \$650 | \$300 |
| Other Healthcare Professionals | \$550 | \$250 |
| Residents, Fellows, Other Trainees | \$250 | \$150 |

HOTEL ACCOMMODATIONS

Rooms have been reserved at reduced rates at The Study at University City hotel in the heart of the University of Pennsylvania's bustling campus. The area features upscale shopping, dining, and nightlife, and offers convenient access to Center City Philadelphia, Amtrak's 30th Street Station, I-76 and the Philadelphia International Airport.

The special rate for a single or double occupancy room is \$209 plus a 16.36% percent room tax. Participants are required to make their own reservations by calling the hotel directly at 215-387-1400. Please mention the name of the conference when making your reservations. The special room rate will be available until Sunday, Oct. 3, 2021. After that date, reservations will be accepted based on space and rate availability.

SERVICES FOR PEOPLE WITH DISABILITIES

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

COURSE FACULTY

Unless otherwise noted, faculty is from Children's Hospital of Philadelphia (CHOP) and/or the Perelman School of Medicine at the University of Pennsylvania.

COURSE DIRECTORS

Jill C. Posner, MD, MSCE, MEd

Khoon-Yen Tay, MD

KEYNOTE SPEAKER

Ruth Abaya, MD, MPH

Injury Prevention Program Manager, Philadelphia Department of Public Health

Fellow, Stoneleigh Foundation

Assistant Professor of Pediatrics

CHOP EMERGENCY MEDICINE FACULTY

Mary Kate F. Abbadessa, MSN, RN, RN-BC, CPEN

Robert Belfer, MD

Mercedes Blackstone, MD

James Callahan, MD

Aaron Chen, MD

Mary Kate Claiborne, MD

Daniel Corwin, MD, MSCE

Eva Delgado, MD

Jeannine DelPizzo, MD

Karen DiPasquale, DO

Aaron Donoghue, MD, MSCE

Sarah Fesnak, MD

Marleny Franco, MD

Michael Hrды, MD

Heather House, MD

Ronald Marchese, MD

Michael McWay, MD

Mirna M'Farrej, MD

Manoj Mittal, MD, MRCP

Cynthia Mollen, MD, MSCE

Kevin Osterhoudt, MD, MSCE

Rachel Rempell, MD, RDMS

Laura Sartori, MD

Richard Scarfone, MD

Jeffrey Seiden, MD, MHA

Mamata Senthil, MD, MEd

Ellen Szydlowski, MD

Regina Toto, MD

Nicholas Tsarouhas, MD

Archana Verma, MD

Alexandra Vinograd, MD, MSHP, DTMH
Theresa Walls, MD, MPH
Anna Weiss, MD, MSc, MEd
Joseph Zorc, MD, MSCE

CHOP EMERGENCY MEDICINE FELLOWS

Lillian Buchhalter MD, MPH
Christopher Gaw, MD, MBE
Jacob Hemberger, MD
Hanae Fujii-Rios, MD, MPH
Vinay Kampalath, MD, DTMH
Richard Latuska, MD
Kaleena Patel, MD
Casey Pitts, MD
Jasmine Umana, MD

OTHER CHILDREN'S HOSPITAL OF PHILADELPHIA FACULTY

Samantha Burwell, BSN, RN, CCRN
CHOP Transport Team

Grace Good, RN, BSN, MA
Clinical Educator, CHOP Center for Simulation, Advanced Education and Innovation

Matthew Grady, MD
*Program Director, Primary Care Sports Medicine Fellowship
Associate Professor of Clinical Pediatrics*

Summer Kaplan, MD, MS
*Section Director for Emergency Radiology, Division of Body Imaging
Assistant Professor of Clinical Radiology*

Michael Kerrigan BS, RRT-NPS
Respiratory Clinical Specialist

Denise Simpkins, BS RRT-NPS
Respiratory Clinical Specialist

James Treat, MD
*Fellowship Director, Pediatric Dermatology
Professor of Clinical Pediatrics and Dermatology*

K. Taylor Wild, MD
Senior Fellow, Division of Neonatology and Division of Metabolism and Genetics