

The 9th Annual Pediatric Radiology Continuing Medical Education Course

SATURDAY, March 13, 2021

Course Information

Saturday, March 13, 2021

8:00 a.m. - 11:30 a.m. EST

Virtually via Zoom

Course Overview

This one-day, national, comprehensive post-graduate course — organized by the Department of Radiology at The Children’s Hospital of Philadelphia, Perelman School of Medicine at the University of Pennsylvania as part of the CHOP Pediatric Radiology Outreach Program, in collaboration with the Radiological Society of Ethiopia — is intended for radiologists, radiology residents, radiology technologists, pediatricians, and pediatric subspecialists such as pediatric surgeons and others. The faculty includes experts in the field of pediatric radiology, pediatric neuroradiologists and pediatric interventional radiologists infectious disease who engage in state-of-the-art clinical imaging, dynamic teaching and cutting-edge research.

Course Objectives

Upon completion of this educational activity, participants will be able to:

1. Describe dedicated pediatric imaging techniques.
2. Recognize unique imaging features of pediatric pathologies.
3. Understand specific advanced pediatric imaging modalities.

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AGENDA

Lecture time below is in EST. The local time is 4pm - 7:30pm.

8:00am Introduction to the program/
link to unknown cases
Hansel Otero, MD

SESSION 1 - Imaging Innovations

8:10 am Artificial Intelligence in
Pediatric Radiology
Susan Sotardi, MD, MS

8:25 am Current and future applications of
Dual Energy CT in Children
Jordan Rapp, MD, MSS

8:40 am Advances in pediatric ultrasound
Misun Hwang, MD

8:55 am Q&A

SESSION 2 - Neuroradiology

9:10 am Congenital torticollis
Aashim Bhatia, MD, MS

9:25 am Brain US: beyond the neonatal ICU
Hansel Otero, MD

9:40 am Epilepsy Imaging
Lorena Vidal, MD

9:55 am Q&A

SESSION 3 - Body Imaging

10:10 am Imaging in Pediatric COVID-19
Summer Kaplan, MD

10:25 am Stomach and proximal small bowel
masses in children: Multimodality
imaging approach
Rebecca Dennis, DO

10:40 am Imaging vascular malformations
Abhay Srinivasan, MD

10:55 am Q&A

11:10 am Black Lion Pediatric Radiology Fellowship:
Clinical Cases
Abrehet Zeray, MD

Closing

11:20 am "Pediatric Radiology Unknown Cases" Winner
Abass Noor, MD

11:30 am Closing Remarks
Kassa Darge, MD, PhD

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Jointly organized by Radiological Society of Ethiopia and Children's Hospital of Philadelphia/Dept. of Radiology, Addis Ababa University

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About Us

The CHOP Pediatric Radiology International Outreach Program

The Children's Hospital of Philadelphia (CHOP) Global Pediatric Radiology Education & Outreach Program now directed by Hansel Otero, MD, was established in 2008 by Kassa Darge, M.D., Ph.D., Radiologist-in-Chief and Chairman of the Department of Radiology at CHOP. With the continued support of the Department of Radiology, the program has grown to support educational and outreach activities around the world with a special focus in Ethiopia. In Addis, the educational outreach is cosponsored by the World Federation of Pediatric Imaging (WFPI) supporting a partnership with Addis Ababa University's Department of Radiology, Faculty of Medicine to promote and support pediatric radiology education during residency and fellowship. Also, in collaboration with the Radiological Society of Ethiopia (RSE) we are proud to bring to you the ninth annual national pediatric radiology continuing medical education course. Learn more about our outreach program at www.pedradethio.org.

The Children's Hospital of Philadelphia

The Children's Hospital of Philadelphia (CHOP) was established in 1855 as the first children's hospital in the United States. Over the past years, CHOP has grown to be one of the most active pediatric facilities in the nation — with more than 500 beds and more than 1.2 million patients each year — and is nationally renowned as one of the top children's hospitals. CHOP and the University of Pennsylvania jointly run the largest pediatric program, which has consistently been named the No. 1 program in the nation by U.S. News & World Report. CHOP also has the largest research budget from the National Institutes of Health (NIH) among pediatric hospitals.

The Department of Radiology

The Department of Radiology at the Children's Hospital of Philadelphia is a fully accredited program made up of six divisions:

- Division of Body Imaging
- Division of Neuroradiology
- Division of Interventional Radiology
- Division of Nuclear Medicine
- Division of Imaging Research
- Division of Fetal Imaging

The Department has more than staff members, including pediatric radiologists, pediatric radiology fellows, rotating residents, Ph.D. researchers, research assistants and nurses, and annually hosts more than 200 national and international observers.

The Department's state-of-the-art imaging technologies include:

- MRI
- PET MRI
- CT
- PET-CT
- MEG
- Ultrasound
- Fluoroscopy
- Interventional Radiology Suites
- SPECT/CT
- Dual head SPECT nuclear cameras
- Digital Radiography

**All imaging is digital and archived in a PACS system*

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CHOP FACULTY

From the Department of Radiology at Children's Hospital of Philadelphia



Hansel J. Otero, MD
CME course director
Director of Global Radiology
Outreach & Education
Assistant Professor of Radiology
University of Pennsylvania



Lorena Vidal, MD
Neuroradiologist
Children's Hospital of Philadelphia
Philadelphia, PA, USA



Susan Sotardi, MD, MS
Neuroradiologist
Program Director, RAD-AID Ethiopia
Children's Hospital of Philadelphia
Philadelphia, PA, USA



Abhay Srinivasan, MD
Assistant Professor of Clinical Radiology
Interventional Radiology
Children's Hospital of Philadelphia
Philadelphia, PA, USA



Rebecca Dennis, DO
Diagnostic Pediatric Radiology
Children's Hospital of Philadelphia
Philadelphia, PA, USA



Aashim Bhatia, MD, MS, DABR
Assistant Professor, Department of Radiology
Pediatric Neuroradiologist/Pediatric Radiologist
Director of Academic Affairs, Radiology Department
at Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA, USA



Misun Hwang, MD
Diagnostic Pediatric Radiology
Assistant Professor of Radiology
Children's Hospital of Philadelphia
Philadelphia, PA, USA

CHOP/AAU PEDIATRIC RADIOLOGY FELLOW



Abrehet Zeray, MD
Addis Ababa University,
College of Health Sciences,
Tikur Anbessa Hospital



Summer Kaplan, MD
Assistant Professor of Clinical Radiology
Children's Hospital of Philadelphia
Philadelphia, PA, USA

UPenn Resident



Jordan Rapp, MD, MMS
Diagnostic Pediatric Radiology
Assistant Professor of Radiology
Children's Hospital of Philadelphia
Philadelphia, PA, USA



Abass Noor, MD
Diagnostic Radiology
Hospital of the University of Pennsylvania

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Past Faculty

Over the years a number of faculty members from CHOP — as well as guest faculty members from other institutions in the United States and Europe — have participated in this program.

CHOP Faculty:

Savvas Andronikou, MBBCb, PhD, PhD

Anne Marie Cabill, MD

Robert Carson, MRSC (R) (MR)

Kassa Darge, MD, PhD

Suzanne Debari, RDMS, RVT, RT (R)

Stanford Ewing, MD

Marian Gaballah, DO

Chris Harris, RT, MR

Lamont Hill, MHA, RT(R), RDMS

Diego Jaramillo, MD, MPH

Marc Keller, MD

Sung H. Kim, MD

Andrew Mong, MD

Hansel Otero, MD

Laura Poznick, RDMS, AAS

Shankar Rajeswaran, MD

Janet Reid, MD

Sabah Servaes, MD

Karuna Shekdar, MD

Susan Sotardi, MD

Andrew Steenboff, MS, MBBCb, DCH

Seth Vatsky, DO

Teresa Victoria, MD, PhD

Joseph C. Wildenberg, MD

Jonathan Zember, MD

Guest Faculty:

David Aria, MD, Phoenix, Arizona

Bruno Betsch, MD, Weinstrasse, Germany

Aashim Bhatia, MD, Nashville, Tennessee

Giles Boland, MD, Boston, Massachusetts

Michael Gee, MD, PhD, Boston, Massachusetts

Wolfgang Hirsch, MD, PhD, Leipzig, Germany

Camilo Jaimes, MD, Boston, Massachusetts

Tracy Kilborn, MD, Cape Town, South Africa

Lillian Lai, MD, Los Angeles, CA

Kieran McHugh, MB, London, United Kingdom

Mitchell Miller, MD, New York, New York

Edsa Negussie, MD, Detroit, Michigan

Pooja Renjen, MD, New York, New York

Peter Taylor, MD, Albany, New York

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Course Support

This pediatric radiology continuing medical education (CME) course was jointly organized by the Department of Radiology, The Children's Hospital of Philadelphia (CHOP), as part of the Pediatric Radiology Global Outreach Program and the Radiological Society of Ethiopia (RSE) under the auspices of the World Federation of Pediatric Imaging (WFPI).

The organization of the course was made possible through generous support from the following entities:

Sponsors:



Philadelphia, PA, USA



Philadelphia, PA, USA

