

# 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](http://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*



**Loreнна 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*



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



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



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

## GUEST FACULTY



**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*

## CHOP/AAU PEDIATRIC RADIOLOGY FELLOW



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

## UPenn Resident



**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 Rajesvaran, MD*

*Janet Reid, MD*

*Sabah Servaes, MD*

*Karuna Shekdar, MD*

*Susan Sotardi, MD*

*Andrew Steenhoff, 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

