

The 12th Annual Pediatric Radiology Continuing Medical Education Course

SATURDAY, March 9, 2024

Course Information

SATURDAY, March 9, 2024

8:00 a.m. - 4:30 p.m.

Inter Luxury Hotel

Addis Ababa, Ethiopia

Course Overview

This one-day, comprehensive, national post-graduate course is intended for radiologists, radiology residents, radiology technologists, pediatricians, and pediatric subspecialists. It was organized by the Department of Radiology at Children's Hospital of Philadelphia—affiliated with the Perelman School of Medicine at the University of Pennsylvania and as part of the CHOP Pediatric Radiology Outreach and Education Program—in collaboration with the Radiological Society of Ethiopia. The faculty includes experts in the field of pediatric radiology, 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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CHOP Faculty

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



Abass M Noor, MD
*Endowed Chair for Pediatric Global Outreach
Director of Global Radiology Outreach & Education
Assistant Professor of Clinical Radiology
Children's Hospital of Philadelphia
University of Pennsylvania*



Lorena Lourhance Moreira Vidal, MD
*Pediatric Neuroradiologist
Assistant Professor of Radiology
Children's Hospital of Philadelphia
University of Pennsylvania*



Hansel Otero, MD, FAAP
*Vice Chair of Clinical Research
John Westgate Hope Endowed Chair
Assistant Professor of Radiology
Children's Hospital of Philadelphia
University of Pennsylvania*



Abhay Srinivasan, MD
*Pediatric Radiologist
Associate Professor of Clinical Radiology
Children's Hospital of Philadelphia
University of Pennsylvania*



Kassa Darge, MD, PhD, FAIUM, FSAR
*Radiologist-in-Chief
William L. Van Alen Endowed Chair
Children's Hospital of Philadelphia
Professor of Radiology and Surgery
University of Pennsylvania*



Hamza Alizai, MD
*Pediatric Radiologist
Assistant Professor of Radiology
Children's Hospital of Philadelphia
University of Pennsylvania*

External Faculty



Michael Fadell, MD
*Division Chief of Pediatric Radiology
Duke University*

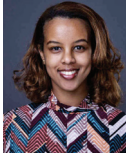


Jennifer Lynn Nicholas, MD, MHA, MEd
*Section Chief of Ultrasound
Associate Professor of Radiology
Cincinnati Children's Hospital Medical Center*

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CHOP Pediatric Radiology Research Fellow



Hermon Miliard Derbew, MD
*Research Fellow, Global Pediatric Radiology
Outreach and Education
Children's Hospital of Philadelphia*

CHOP Pediatric Radiology Clinical Fellow



Samantha C Lee, MBBS
*Fellow, Diagnostic and Interventional
Pediatric Radiology
Children's Hospital of Philadelphia*

CHOP/AAU Pediatric Radiology Fellow



Leul Adane Chemed, MD
*Assistant Professor of Radiology
College of Health Sciences
Addis Ababa University*



Michael Hornick, MD
*Fellow, Diagnostic Pediatric Radiology
Children's Hospital of Philadelphia*

CHOP Sonographer



Grace M Baillie, AAS, RDMS
(AB, PS, OB/GYN)
*Ultrasonographer
Children's Hospital of Philadelphia*



Alyx Escamilla, AAS, RDMS, RVT
*Sonographer
Children's Hospital of Philadelphia*

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AGENDA

8:00am Registration

8:50am Introduction
Mesfin Mulugeta, MD
Abass Noor, MD

SESSION 1

Moderator:
Samuel Sisay Hailu, MD

9:00am Contrast Ultrasound in Children
Kassa Darge, MD, PhD

9:20am Q&A

9:25am US Elastography and MR Elastography
Jennifer Nicholas, MD, MHA, MEd

9:45am Q&A

9:50am Bowel Ultrasound in the Acute
Neonatal Abdomen
Alyx Escamilla, AAS, RDMS, RVT &
Grace Baillie, AAS, RDMS

10:10am Q&A

10:15am Are All Swirls Volvulus?
Leul Adane Chemed, MD

10:35am Q&A

10:40am Break

10:55am The Basics of Research: Idea to Paper
Hermon Miliard Derbew, MD

SESSION 2

Moderator:
Alemayehu Bedane Worke, MD

11:10am Imaging of UTI
Hansel Otero, MD

11:30am Q&A

11:35am Renovascular Hypertension
Samantha Lee, MBBS

11:55am Q&A

12:00pm Optimization of Doppler Sonography
Abhay Srinivasan, MD

12:20pm Q&A

12:25pm The Single Ventricle
Abass Noor, MD

12:45pm Q&A

12:50pm Lunch

SESSION 3

Moderator:
Abrehet Zeray Gebresillasie, MD

2:20pm MSK Infections
Michael Hornick, MD

2:40pm Q&A

2:45pm Juvenile Idiopathic Arthritis
Hamza Alizai, MD

3:05pm Q&A

3:10pm Developmental Dysplasia of the Hip:
Updates in Imaging
Michael Fadell, MD

3:30pm Q&A

3:35pm Updates in Pediatric Cerebral Malaria
Lorenna Vidal, MD

3:55pm Q&A

4:00pm Unknown Case Discussion and Announce Winner
Michael Hornick, MD & Samantha Lee, MBBS

4:20pm Closing Remarks
Abass Noor, MD
Kassa Darge, MD, PhD

4:30pm Meeting Adjourn

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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

CHOP Global Pediatric Radiology Outreach and Education Program

The Children's Hospital of Philadelphia (CHOP) Global Pediatric Radiology Outreach and Education Program, now directed by Abass Noor, MD, was established in 2008 by Kassa Darge, MD, PhD, 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 Ababa, the educational outreach is co-sponsored by the World Federation of Pediatric Imaging (WFPI), enabling a partnership with Addis Ababa University's Department of Radiology, School 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 you to the 12th Annual National Pediatric Radiology Continuing Medical Education Course. Learn more about our outreach program at www.pedradethio.org.

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

The Department has more than 500 staff members, including pediatric radiologists, pediatric radiology fellows, rotating residents, PhD Researchers, research assistants and nurses, and annually hosts more than 20 national and international observers

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

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

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



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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:

Michael Acord, MD
Hamza Alizai, MD
Savvas Andronikou, MBChB, PhD, PhD
Aashim Bhatia MD, MS, DABR
Anne Marie Cabill, MD
Robert Carson, MRSC (R) (MR)
Kassa Darge, MD, PhD
Suzanne Debari, RDMS, RVT, RT (R)
Rebecca Dennis, DO
Stanford Ewing, MD
Marian Gaballah, DO
Chris Harris, RT, MR
Lamont Hill, MHA, RT(R), RDMS
Minh-Huy Huynh, MD
Misun Hwang, MD
Diego Jaramillo, MD, MPH
Summer Kaplan, MD
Marc Keller, MD
Sung H. Kim, MD
Andrew Mong, MD
Abass Noor, MD
Hansel Otero, MD
Laura Poznick, RDMS, AAS
Shankar Rajeswaran, MD
Jordan Rapp, MD, MMS
Janet Reid, MD
Sabah Servaes, MD
Karuna Shekdar, MD
Susan Sotardi, MD
Abhay Srinivasan, MD
Andrew Steenhoff, MS, MBChB, DCH
Seth Vatsky, DO

Teresa Victoria, MD, PhD
Lorenna Vidal, MD
Joseph C. Wildenberg, MD
Jonathan Zember, MD

Guest Faculty:

David Aria, MD, Phoenix, Arizona
Bruno Betsch, MD, Weinstrasse, Germany
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, Children's Hospital of Philadelphia (CHOP), as part of the Global Pediatric Radiology Outreach and Education 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

