

About Us

The CHOP Pediatric Radiology International Outreach Program

The Children's Hospital of Philadelphia (CHOP) Pediatric Radiology International Outreach Program was established in 2008 with instrumental support from Kassa Darge, M.D., Ph.D., Chief of the Division of Body Imaging at CHOP. With continued support from the Department of Radiology and its Radiologist-in-Chief Diego Jaramillo, M.D., the program has flourished. Today, activities focus on promoting pediatric radiology through education in Ethiopia, Botswana, Colombia and Eastern Europe.

Outreach in Ethiopia is conducted under the umbrella of the World Federation of Pediatric Imaging (WFPI) and has two components:

1. A partnership with Addis Ababa University's Department of Radiology, Faculty of Medicine to:
 - Promote and support pediatric radiology education during radiology residency
 - Establish and support an international pediatric radiology fellowship
2. A partnership with the Radiological Society of Ethiopia (RSE) to:
 - Conduct an annual national pediatric radiology continuing medical education course

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 160 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 resident training program, which has consistently been named the No. 1 program in the nation by *U.S. News & World Report*, and CHOP 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 five divisions:

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

The Department has more than 350 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
- Fluoroscopy
- CT
- Interventional radiology suites
- PET-CT
- SPECT/CT
- MEGs
- Dual head SPECT nuclear cameras
- Ultrasound
- Digital radiography

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



Penn Medicine



The Children's Hospital of Philadelphia®
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Course Information

Saturday, October 10, 2015

8 a.m. – 5 p.m.

Elilly International Hotel

Addis Ababa, Ethiopia

Course Overview

This one-day, national, comprehensive post-graduate course — organized by the Department of Radiology at The Children's Hospital of Philadelphia and the Perelman School of Medicine at the University of Pennsylvania as part of the CHOP Pediatric Radiology International 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 who engage in state-of-the-art clinical imaging, dynamic teaching and cutting-edge research.

For this course, 6 continuing education units (CEUs) will be granted.

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.



Agenda

Saturday, October 10, 2015

MORNING SESSIONS

8 a.m. - Registration

8:30-10:45 a.m. - Session I

Moderator: *Abebe Mekonnen, M.D.,
Radiological Society of Ethiopia*

8:30 a.m. - Sunrise Session

A Potpourri of Pediatric Cases –
Part I Miscellaneous: Test Your Diagnostic Skills
Pooja Renjen, M.D.

9 a.m.

Opening of the 5th Annual Pediatric Radiology
CME Course
*Tesfaye Kebede, M.D., President, Radiological
Society of Ethiopia*

9:10 a.m.

Introduction: CHOP Pediatric Radiology
International Outreach Program Faculty
Kassa Darge, M.D., Ph.D.

9:15 a.m.

Musculoskeletal (MSK) Ultrasound: A Primer
Sung H. Kim, M.D.

9:45 a.m.

Pediatric Neuroimaging: CT and MR Protocols
and Basic Techniques
Karuna Shekdar, M.D.

10:15 a.m.

Ultrasound of the Brain: The Basics and Beyond
Kassa Darge, M.D., Ph.D.

10:45 a.m. - Coffee Break

11 a.m.-1 p.m. - Session II

Moderator: *Abebe Habtamu, M.D.,
Pediatric Gastroenterologist, Ethiopian Pediatric Society*

11 a.m.

Review of Pediatric Gastrointestinal Imaging
Pooja Renjen, M.D.

11:30 a.m.

MRI of the Knee: Techniques and Findings
Sung H. Kim, M.D.

Noon

Emergency Pediatric Neuroimaging:
What Every Radiologist Should Know
Karuna Shekdar, M.D.

12:30 p.m.

MRI of the Ankle: Techniques and Findings
with Ultrasound Correlates
Sung H. Kim, M.D.

1 p.m. - Lunch Break

AFTERNOON SESSIONS

2-3:45 p.m. - Session III

Moderator: *Daniel Admassie, M.D.,
Radiological Society of Ethiopia*

2 p.m.

A Potpourri of Pediatric Cases –
Part II Neuroimaging: Test Your Diagnostic Skills
Karuna Shekdar, M.D.

2:30 p.m.

Review of Pediatric Musculoskeletal Imaging
Pooja Renjen, M.D.

3 p.m.

MRI of the Shoulder: Techniques and Findings
with Emphasis on Sports Injuries
Sung H. Kim, M.D.

3:30 p.m.

Pediatric Radiology Unknown Cases: A Quiz with a Prize
Organized by Shankar Rajeswaran, M.D.;
Presented by Kassa Darge, M.D., Ph.D.

3:45 p.m. - Coffee Break

4-5 p.m. - Session IV

Moderator: *Ayalew Moges, M.D.,
Pediatric Neurologist, Ethiopian Pediatric Society*

4 p.m.

Neuroimaging in Pediatric Epilepsy
Karuna Shekdar, M.D.

4:30 p.m.

Urinary Tract Dilation: The New Classification System
Kassa Darge, M.D., Ph.D.

4:50 p.m.

Prize Awarded to the Winner of “Pediatric Radiology
Unknown Cases” & Closing Remarks
*Kassa Darge, M.D., Ph.D., and Alemayehu Bedane, M.D.,
Radiological Society of Ethiopia*

5 p.m. - Course Ends

Faculty

2015 Faculty

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



*Kassa Darge, M.D., Ph.D.**
Chief, Division of Body Imaging
The John W. Hope Endowed Chair for
Radiology Faculty Development
Coordinator, CHOP Pediatric Radiology
International Outreach Program
Professor of Radiology and Professor
of Radiology in Surgery

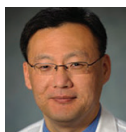


*Karuna Shekdar, M.D.**
Pediatric Neuroradiology
Attending Physician
Assistant Professor of Clinical Radiology



Shankar Rajeswaran, M.D.
Pediatric Radiology Fellow

From the Department of Radiology at
the Hospital of the University of Pennsylvania:



*Sung H. Kim, M.D.**
Musculoskeletal Imaging
Fellowship Director
Assistant Professor of Clinical Radiology

Guest Faculty



Pooja Renjen, M.D.
Assistant Attending Radiologist
Pediatric Radiology Unit,
Department of Radiology
New York-Presbyterian Hospital
Assistant Professor of Radiology
Weill Cornell Medical College
New York, N.Y.

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:

Anne Marie Cahill, M.D.

Kassa Darge, M.D., Ph.D.

Stanley Ewing, M.D.

Diego Jaramillo, M.D., M.P.H.

Marc Keller, M.D.

Andrew Mong, M.D.

Janet Reid, M.D.

Sabah Servaes, M.D.

Teresa Victoria, M.D., Ph.D.

Guest Faculty:

Savvas Andronikou, M.B.B.Ch., Ph.D. —
Capetown, South Africa

Bruno Betsch, M.D. —
Neustadt a.d. Weinstrasse, Germany

Giles Boland, M.D. — Boston, Mass., USA

Wolfgang Hirsch — Leipzig, Germany

Mitchell Miller, M.D. — New York, N.Y., USA

Kieran McHugh — London, UK

Edsa Negussie — Detroit, Mich., USA

Hansel Otero, M.D. — Washington, D.C., USA

Pooja Renjen, M.D. — New York, N.Y., USA

Peter Taylor, M.D. — Albany, N.Y., USA

*Faculty of the Perelman School of Medicine at the University of Pennsylvania

Course Support

The 5th Annual Pediatric Radiology Continuing Medical Education Course



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 International 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 financial support from the following entities:

Main Sponsors:



DEPARTMENT OF RADIOLOGY

Radiology Associates of Children's Hospital (RACH)
The Children's Hospital of Philadelphia
Philadelphia, Pennsylvania, USA



Ethiopian Medical Association (EMA)
Addis Ababa, Ethiopia

Additional Sponsors:



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INTERNATIONAL MEDICINE

The Global Health Center
The Children's Hospital of Philadelphia
Philadelphia, Pennsylvania, USA

