

9th Annual Le Bonheur Radiology  
**UPDATE AND REVIEW IN  
PEDIATRIC IMAGING**  
*Hybrid Conference*

**Friday, April 4, 2025**

Le Bonheur Children's Hospital • Memphis, Tenn.



**Le Bonheur**  
Children's Hospital

# 9th Annual Le Bonheur Radiology **UPDATE AND REVIEW IN PEDIATRIC IMAGING** *Hybrid Conference*

**Friday, April 4, 2025**

Le Bonheur Children's Hospital • Memphis, Tenn.

## **COURSE DESCRIPTION**

This program is designed to provide up-to-date information on pediatric imaging while reviewing basic and advanced imaging core principles. A faculty both clinically and academically oriented will address state-of-the-art practices and trends in the diagnostic evaluation and treatment of the pediatric patient.

## **TARGET AUDIENCE**

This course is designed for radiologists, pediatricians, primary care physicians, emergency physicians, nurse practitioners, physician assistants, radiographers, sonographers and other health care professionals involved in pediatric care and pediatric imaging, including those still in training.

## **COURSE CO-DIRECTORS**

### **Harris L. Cohen, MD, FACR**

Executive Chair, Radiology,  
Professor, Radiology, Obstetrics and Pediatrics,  
University of Tennessee Health Science Center  
Radiologist in Chief, Medical Director of Radiology,  
Le Bonheur Children's Hospital

### **Jorge Lee-Diaz, MD**

Associate Professor, Radiology,  
University of Tennessee Health Science Center (UTHSC)  
Section of Neuroradiology,  
Le Bonheur Children's Hospital

### **Vijetha V. Maller, MD**

Associate Professor, Radiology,  
University of Tennessee Health Science Center  
Chief, Cardiac CT and Thoracic Imaging,  
Le Bonheur Children's Hospital

### **Preet Sandhu, MD**

Associate Professor, Radiology,  
University of Tennessee Health Science Center  
Le Bonheur Children's Hospital

# FACULTY

## **Vijay Agrawal, MD**

Associate Professor, Radiology, UTHSC  
Chief, Pediatric Interventional Radiology,  
Director, Advanced Interventional  
Radiology Lab, Department of Radiology,  
Le Bonheur Children's Hospital

## **Som Biswas, MD, MS, DNB, MBA**

Fellow, Pediatric Radiology, UTHSC

## **Asim Choudhri, MD**

Professor and Associate Chair of  
Research Affairs, Radiology, UTHSC  
Chief, Pediatric Neuroradiology,  
Le Bonheur Children's Hospital

## **Akosua Sintim-Damoa, MD**

Associate Professor, Radiology, UTHSC  
Chief of Operations,  
Le Bonheur Children's Hospital

## **Austin Dillard, MD**

Assistant Professor, Radiology, UTHSC,  
Associate Chief of Operations,  
Le Bonheur Children's Hospital

## **Dushyant Dobaria, MD**

Fellow, Pediatric Radiology, UTHSC

## **Jason Johnson MD, MHS**

Professor of Pediatrics and Radiology,  
UTHSC  
Chief of Cardiology, Director, Cardiac  
MRI, Le Bonheur Children's Hospital

## **Fnu Lakhmi, MD**

Fellow, Pediatric Radiology, UTHSC

## **Vinod Maller, MD**

Associate Professor, Radiology,  
UTHSC  
Interventional Radiology,  
Le Bonheur Children's Hospital

## **Stephen Miller, MD**

Professor, Radiology and Pediatrics  
(genetics), UTHSC  
Department of Radiology,  
Le Bonheur Children's Hospital

## **Vijay Pande, MD**

Assistant Professor, Radiology, UTHSC  
Chief of Radiation Safety,  
Le Bonheur Children's Hospital

## **Chinky Patel, MD**

Fellow, Pediatric Radiology, UTHSC

## **Pratit Pokharel, MD**

Fellow, Pediatric Radiology, UTHSC

## **Preeti Prasad, MD**

Assistant Professor, Radiology, UTHSC  
Department of Radiology,  
Le Bonheur Children's Hospital

## **Anand Raju, MD**

Assistant Professor, Radiology, UTHSC  
Pediatric Radiology Fellowship Director  
Le Bonheur Children's Hospital

## **Muhammad Ramzan, MD**

Assistant Professor, Radiology, UTHSC  
Section of Neuroradiology,  
Le Bonheur Children's Hospital

## **Dosti Regmi, MD**

Fellow, Pediatric Radiology, UTHSC

## **Eugene Sheffield, MD**

Associate Professor, Radiology, UTHSC  
Chief of Radiology Quality Assurance,  
Le Bonheur Children's Hospital

## **Adeel Siddiqui, MD**

Associate Professor, Radiology, UTHSC  
Section of Neuroradiology,  
Le Bonheur Children's Hospital

## **Steven Sogge, MD**

Assistant Professor, Radiology, UTHSC  
Section of Neuroradiology,  
Le Bonheur Children's Hospital

## **Chandrea Smothers, MD**

Assistant Professor, Radiology, UTHSC  
Chief of Radiology Education,  
Chief of Fluoroscopy,  
Le Bonheur Children's Hospital

## **Khem Uprety, MD**

Assistant Professor, Radiology, UTHSC  
Le Bonheur Children's Hospital

## **Sarah Weatherspoon, MD**

Assistant Professor, UTHSC  
Neurology, Le Bonheur Children's  
Hospital

# OBJECTIVES

**Upon completion of this course, the participant should be able to:**

- Identify different patterns of traumatic brain injury and describe distinguishing features of abusive head trauma
- Summarize an approach to image interpretation of emergency room trauma
- Review various central nervous system (CNS) infectious entities in the pediatric population and examine the key imaging features
- Enumerate inflammatory demyelinating disorders and their imaging features in children
- Learn about modern imaging techniques for evaluation of epilepsy, currently available surgical options for epilepsy and how imaging can play an important role in consultation with the epileptologist and neurosurgeon
- Demonstrate key teaching points in the evaluation of normal and abnormal neonatal brain with a concentration on neurosonographic techniques, perinatal brain anomalies, intraventricular hemorrhage and periventricular leukomalacia
- Describe and analyze imaging characteristics of pediatric CNS tumors and the advanced imaging available for treatment
- Demonstrate and explain imaging findings in various pediatric CNS abnormalities
- Discuss basics in pediatric chest imaging. Describe various causes of respiratory distress in neonates and children
- Discuss the applications of interventional cardiovascular magnetic resonance imaging (MRI) in children to optimize clinical care
- Discuss how to identify, characterize, and classify congenital coronary artery anomalies
- Discuss the principles of thrombosis and thrombolysis in the pediatric population
- Discuss and explain various cases in pediatric vascular and non-vascular interventions
- Recognize key plain film and fluoroscopic imaging and methods in evaluating or treating bowel emergencies in children, including obstruction, perforation and necrosis
- Learn to differentiate traumatic intra-abdominal solid organ injuries. Review other imaging features, including bowel and mesenteric injuries
- Describe and understand cross sectional imaging findings of non-traumatic causes of abdominal emergencies
- Describe and discuss the imaging of various pediatric abdominal neoplasms
- Describe key imaging findings in evaluations of ovarian and testicular torsion
- Discuss basic and more advanced assessments of genitourinary (GU) system abnormalities
- Learn imaging features of various abdominal (GI and GU) pediatric abnormalities
- Describe the important imaging findings for non-accidental trauma (NAT) diagnosis concentrating on skeletal system, brain and abdominal trauma
- Discuss key imaging findings for emergency analysis of osteomyelitis, common and uncommon fractures and hip effusions
- Learn cardinal imaging features of several common lethal and nonlethal skeletal dysplasias
- Learn imaging features of various musculoskeletal pediatric abnormalities

# FRIDAY, APRIL 4, 2025

7:30 a.m. **Welcome and Introduction**  
Harris L. Cohen, MD, FACR

## **PART 1 – Pediatric Neuroradiology**

*Moderator: Jorge Lee-Diaz, MD*

7:35 a.m. **Trauma including Abusive Head Trauma** - Adeel Siddiqui, MD

7:55 a.m. **Infection in Neuroradiology** - Steven Sogge, MD

8:15 a.m. **Non-infectious Inflammatory demyelinating disorders**  
Vijay Pande, MD

8:35 a.m. **Imaging for Epilepsy Surgery Planning** - Asim Choudhri, MD  
and Sarah Weatherspoon, MD

9:00 a.m. **Neurosonography** - Harris L. Cohen, MD, FACR

9:20 a.m. **Brain tumors** - Jorge Lee-Diaz, MD

9:40 a.m. **Cases in Neuroradiology** - Muhammad Ramzan, MD  
and Som Biswas, MD

10:00 a.m. **Q & A**

10:10 a.m. **Break**

## **Part 2 – Pediatric Chest Imaging and Pediatric Intervention Radiology**

*Moderator: Vijetha V. Maller, MD*

10:15 a.m. **Congenital and Diffuse Lung Disease** - Vijetha V. Maller, MD

10:45 a.m. **Introduction to Interventional Cardiovascular MRI**  
Jason Johnson, MD

11:05 a.m. **Coronary Artery Anomalies** - Vijetha V. Maller, MD

11:25 a.m. **Intravenous Thrombosis in Pediatric Population**  
Vijay Agrawal, MD

11:45 a.m. **Interesting cases Pediatric Interventional Radiology**  
Vinod Maller, MD

12:05 p.m. **Q & A**

12:15 p.m. **Lunch**

## **Part 3 – Pediatric Abdomen: GU & GI Systems**

*Moderator: Harris L. Cohen, MD, FACR*

12:45 p.m. **Plain Film & Fluoroscopy in Abdominal Emergencies**  
Chandrea Smothers, MD

1:05 p.m. **Abdominal Trauma** - Anand Raju, MD

1:25 p.m. **Non-traumatic Acute Abdomen Imaging** - Preeti Prasad, MD

1:45 p.m. **Abdominal Neoplasms** - Austin Dillard, MD

2:05 p.m. **Ovarian and Testicular Torsion** - Akosua Sintim-Damoa, MD

2:25 p.m. **Genitourinary Anomalies** - Khem Uprety, MD

2:45 p.m. **Just Images** - Anand Raju, MD, Chinky Patel, MD, Lakhmi, MD,  
and Dushyant Dobarra, MD

3:15 p.m. **Q & A**

3:25 p.m. **Break**

## **Part 4 – Musculoskeletal Imaging**

*Moderator: Preet Sandhu, MD*

3:30 p.m. **Non-accidental trauma** - Preet Sandhu, MD

3:50 p.m. **Emergency Musculoskeletal Imaging** - Eugene Sheffield, MD

4:10 p.m. **Skeletal Dysplasias** - Stephen Miller, MD

4:35 p.m. **Just Images** - Eugene Sheffield, MD, Dosti Regmi, MD  
and Pratit Pokharel, MD

5:00 p.m. **Q & A**

5:05 p.m. **Adjourn**

## ACCREDITATION

Methodist Le Bonheur Healthcare is accredited by the Accreditation Council for Continuing Medical Education to provide continuing education for physicians.

## CREDIT

Methodist Le Bonheur Healthcare designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## FACULTY DISCLOSURE

As a provider accredited by The Accreditation Council for Continuing Medical Education (ACCME), Methodist Le Bonheur Healthcare must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director, planning committee, faculty and all others who are in a position to control the content of this educational activity are required to disclose all relationships with ineligible companies.

Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these financial relationships or absence of relevant financial relationships will be disclosed to the audience.

## TUITION

The fee is \$70 for physicians; \$30 for NPs and APRNs; \$20 for nurses and sonographers; FREE for fellows, residents and students. A full refund will be given for cancellation notice in writing before March 24, 2025. No refunds will be given after March 31, 2025.

Methodist Le Bonheur Healthcare reserves the right to alter, reschedule or cancel this program should circumstances so dictate. For further information, call (901) 516-8933 or visit [www.methodistmd.org](http://www.methodistmd.org).

## CONFERENCE SITE

Hybrid Conference

Le Bonheur Children's Foundation Research Institute  
Russell Chesney Auditorium  
50 N. Dunlap St. • Memphis, Tenn. 38105

Free guest parking available in the Family/Guest Parking Garage on 130 N. Manassas St.

## CONFERENCE MATERIALS

Materials will be sent to you and available for download the following week after the conference.

PROGRAM REGISTRATION FORM  
9th Annual Le Bonheur Radiology  
**UPDATE AND REVIEW IN  
PEDIATRIC IMAGING**

*Hybrid Conference*

**Friday, April 4, 2025**

Name: \_\_\_\_\_

MD    DO    NP    PA    RN    Other: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: (     ) \_\_\_\_\_

Specialty: \_\_\_\_\_

NPI#: \_\_\_\_\_

Email address required for CME: \_\_\_\_\_

**On-line registration available at [lebonheur.org/conference-registration](http://lebonheur.org/conference-registration)  
or mail your completed registration form and fees to:**

**Continuing Medical Education  
Methodist Le Bonheur Healthcare**

251 S. Claybrook, Ste. 512 • Memphis, Tennessee 38104

**Method of Payment**

Check for \$ \_\_\_\_\_ enclosed (payable to **Methodist Le Bonheur Healthcare**)

Credit Card: Charge \$ \_\_\_\_\_ to my:

American Express    MasterCard    VISA    Discover

Credit Card #: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ CSC #: \_\_\_\_\_

Card Holder's Name: \_\_\_\_\_

(Please print)

Signature: \_\_\_\_\_

(Card holder's signature)

Statement Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_



848 Adams Ave,  
Memphis, Tennessee 38103