

# Master Course in Pediatric Thyroid Ultrasound

Friday, Nov. 11 and Saturday, Nov. 12, 2022

Buerger Center for Advanced Pediatric Care  
on the Raymond G. Perelman Campus

*Sponsored by  
Pediatric Thyroid Center  
Division of Interventional Radiology  
Department of Radiology*

 **Children's Hospital  
of Philadelphia**  
Breakthroughs. Every day.®



# Course Information

## OVERVIEW

A two-day ultrasound course hosted by the Pediatric Thyroid Center and the Department of Radiology at Children's Hospital of Philadelphia (CHOP).

On day one, participants will experience a comprehensive series of lectures from CHOP's expert multi disciplinary team designed to further demonstrate and highlight important factors to consider in pediatric thyroid ultrasound as compared with adults. The topics of discussion will range from workflow operations for point-of-care ultrasound at the bedside, examining both the thyroid and neck region for lymph nodes in a variety of disorders/conditions, review and utility of the Thyroid Imaging Reporting and Data Systems scoring system, and Fine Needle Aspiration Biopsy (FNAB).

On day two, participants will have an immersive, hands-on experience with CHOP's expert team to obtain hand-over-hand training in ultrasound technique. The target audience for this course is any healthcare worker providing care for pediatric patients with thyroid disease, thyroid nodules, or thyroid cancer; including but not limited to pediatric endocrinologists, interventional radiologists, trainees, sonographers/ultrasound techs, etc.

## REGISTRATION AND GENERAL INFORMATION

The conference will be held at the Buerger Center for Advanced Pediatric Care on the Raymond G. Perelman Campus.

The registration fee is \$200 and includes continental breakfast, breaks, lunch, parking and syllabus material.

## COURSE OBJECTIVES

1. Perform and interpret comprehensive thyroid/neck ultrasound studies in pediatric patients in ways that thoughtfully guide clinical decision-making for potential FNAB and surgical treatment of patients
2. Identify features of normal thyroid anatomy as well as features of thyroid diseases, nodules and cancer
3. Identify opportunities to create streamlined multidisciplinary style management of practice and program in their own departments/centers
4. Performing thyroid ultrasounds by holding the proper probes and understanding/ utilizing key functions on ultrasound equipment to improve image-taking



## ACCME ACCREDITATION STATEMENT

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

## AMA CREDIT DESIGNATION STATEMENT

Children's Hospital of Philadelphia designates this live activity for a maximum of 10 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## HOTEL INFORMATION

A block of rooms with reduced rates has been reserved at the following hotels. Participants are required to make their own hotel reservations by calling the hotel directly.

### **Homewood Suites by Hilton University City**

4109 Walnut Street, Philadelphia, PA 19104 • 215-382-1111

Group rate is \$209 King one bedroom suite (with pull-out), plus a 16.36% room tax. The special room rate will be available until 10/11/22.

The Group code is PTU.

Booking Link: <https://www.hilton.com/en/book/reservation/deeplink/?ctyhocn=PHLUPH&groupCode=CHWPTU&arrivaldate=2022-11-10&departuredate=2022-11-12&cid=OM,WW,HILTONLINK,EN,DirectLink&fromId=HILTONLINKDIRECT>

### **The Sonesta Philadelphia Rittenhouse Square**

1800 Market Street, Philadelphia, PA 19103 • 215-561-7500

Group rate is \$269 single occupancy, plus a 16.36% room tax.

The special room rate will be available until 10/13/22.

Booking Link: [Master Course in Pediatric Thyroid Ultrasound](#)

## REFUND AND CANCELLATION POLICY

CHOP reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, CHOP will refund any registration fees, less a service charge, but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines/travel agencies. In order to process refunds for course withdrawals, cancellations must be received in writing by Friday, October 28, 2022. No refunds will be issued thereafter.

## SERVICES FOR PEOPLE WITH DISABILITIES

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

## Program | Friday, Nov. 11, 2022

<b>7:30 a.m.</b>	<b>Registration and Continental Breakfast</b>
<b>8 a.m.</b>	<b>Welcome and Introduction</b> <i>Andrew J. Bauer, MD; Ganesh Krishnamurthy, MD, DNB</i>
<b>8:10 a.m.</b>	<b>Ultrasound Anatomy from Surgeon's Point of View</b> <i>Ken Kazahaya, MD, MBA</i>
<b>8:30 a.m.</b>	<b>Ultrasound of Diffuse Thyroid Disorders</b> <i>Abhay S. Srinivasan, MD</i>
<b>8:50 a.m.</b>	<b>Ultrasound of Thyroid Nodules</b> <i>Fernando A. Escobar, MD</i>
<b>9:10 a.m.</b>	<b>Sonographic Assessment of Cervical Lymph Nodes</b> <i>Ganesh Krishnamurthy, MD, DNB</i>
<b>9:40 a.m.</b>	<b>Break</b>
<b>9:50 a.m.</b>	<b>Ultrasound Interpretation of Non-thyroid Neck Pathology in Pediatrics</b> <i>Janet R. Reid, MD, MSED</i>
<b>10:10 a.m.</b>	<b>Reporting Findings of Thyroid Ultrasound: To TIRAD or Not to TIRAD</b> <i>Abhay S. Srinivasan, MD</i>
<b>10:40 a.m.</b>	<b>Bringing Ultrasound into Clinical Practice</b> <i>Andrew J. Bauer, MD</i>
<b>11:30 a.m.</b>	<b>Q&amp;A Panel</b>
<b>Noon</b>	<b>Lunch</b>
<b>1 p.m.</b>	<b>Techniques and Organization to Optimize Fine Needle Aspiration Biopsy</b> <i>Ganesh Krishnamurthy, MD, DNB</i>
<b>1:30 p.m.</b>	<b>Rapid Onsite Assessment</b> <i>Portia A. Kreiger, MD</i>
<b>1:50 p.m.</b>	<b>Image Guided Interventions of Thyroid Disease</b> <i>Fernando A. Escobar, MD</i>
<b>2:20 p.m.</b>	<b>Case Study</b> <i>Andrew J. Bauer, MD</i>
<b>2:40 p.m.</b>	<b>Break</b>
<b>2:50 p.m.</b>	<b>Workflow for Point of Care Ultrasound</b> <i>Summer L. Kaplan, MD</i>

- 3:20 p.m.      Considerations and Options for Purchasing an Ultrasound Machine for Point-of-care Ultrasound**  
*Andrew J. Bauer, MD; Ganesh Krishnamurthy, MD, DNB*
- 3:40 p.m.      Q&A**
- 4 p.m.          Closing Remarks**  
*Andrew J. Bauer, MD; Ganesh Krishnamurthy, MD, DNB*
- 4:15 p.m.      Adjourn**

## Program | Saturday, Nov. 12, 2022

- 7:30 a.m.      Registration and Continental Breakfast**
- 8 a.m.          Image Optimization and Body Positioning Tips and Tricks**  
*Trudy Morgan, BS, RDMS*
- 8:40 a.m.      Hands-on Skills**
- 10 a.m.          FNA and Ablation**
- 10:45 a.m.      Case Presentations**
- Noon            Adjourn**



Unless otherwise noted, faculty is from Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.

## **COURSE DIRECTORS**

### **Andrew J. Bauer, MD**

Medical Director, Pediatric Thyroid Center  
Endocrinologist  
Professor of Pediatrics

### **Fernando A. Escobar, MD**

Attending Radiologist

### **Ganesh Krishnamurthy, MD, DNB**

Interventional Radiologist

### **Abhay S. Srinivasan, MD**

Pediatric Radiologist  
Assistant Professor of Radiology

## **COURSE FACULTY**

### **Grace Baillie, AAS, RDMS**

Ultrasound Sonographer, Department of Radiology

### **Elizabeth Brennan, BS, RDMS**

Ultrasound Sonographer, Department of Radiology

### **Alyx Escamilla, AAS, RDMS, RVT**

Ultrasound Sonographer, Department of Radiology

### **Julie Geary, BS, RDMS**

Ultrasound Sonographer, Department of Radiology

### **Summer L. Kaplan, MD**

Pediatric Radiologist

### **Ken Kazahaya, MD, MBA**

Attending Physician, Division of Pediatric  
Otolaryngology  
Director, Pediatric Skull Base Surgery  
Medical Director, Pediatric Cochlear Implant  
Program  
Co-Lead Surgeon, Pediatric Thyroid Center  
Associate Professor of Clinical Otorhinolaryngology

### **Portia A. Kreiger, MD**

Chief, Anatomic Pathology  
Staff Pathologist  
Associate Professor of Clinical Pathology and  
Laboratory Medicine

### **Allison Lombardi, AAS, RDMS, RVT**

Ultrasound Sonographer, Department of Radiology

### **Kristin Marinello, BS, RT(R), RDMS, RVT**

Ultrasound Sonographer, Department of Radiology

### **Harry Matlack, AAS, RDMS**

Ultrasound Sonographer, Department of Radiology

### **Janet R. Reid, MD, MSEd**

Vice Chair of Education  
Professor of Clinical Radiology

### **Daniella Todaro-Sweeney, BS, RDMS**

Ultrasound Sonographer, Department of Radiology

## **PLANNING FACULTY**

### **N. Scott Adzick, MD, MMM**

Surgeon-in-Chief, Department of Surgery  
Director, Center for Fetal Diagnosis and  
Treatment  
Professor of Surgery, Obstetrics and Gynecology

### **Julia Baran, BA**

Clinical Research Coordinator, Pediatric  
Thyroid Center

### **Kassa Darge, MD, PhD**

Radiologist-in-Chief  
Chair, Department of Radiology  
Professor of Pediatrics and Professor of  
Radiology in Surgery

### **Amber R. Isaza, BA**

Program Manager, Pediatric Thyroid Center

### **Brandi Kozak, BS, RDMS**

Team Lead Ultrasound, Department of Radiology

### **Trudy Morgan, BS, RDMS**

Clinical Research and Education Coordinator  
Ultrasound, Department of Radiology

### **Tasleema Patel, BA**

Clinical Research Project Manager, Pediatric  
Thyroid Center

### **Laura Poznick, AAS, RDMS**

Radiology Service Line Manager  
Jefferson NJ Outpatient Imaging Center (OPIC)  
Jefferson NJ Ultrasound and Breast Imaging  
Jefferson Health

### **Stephanie Robbins, CRNP**

Masters-prepared Advanced Practice Register  
Nurse, Pediatric Thyroid Center

### **Lindsay Sisko, BSN**

Lead Nurse Navigator, Pediatric Thyroid Center