Dear workshop participant,

This small group, one-day, hands-on ultrasound (US) course for radiologists, sonographers and US application specialists is designed to teach the basic principles of pediatric contrast US applications. We cover intravenous and intracavitary US, including intravesical, contrast applications in children. The workshop is conducted using case-based presentations, didactic lectures, hands-on in vitro demonstrations and live US scanning. We teach how to start a pediatric contrast US program, as well as how to perform the studies and interpret results. In addition, we demonstrate the specific contrast imaging modalities of a few US scanners. The objective of this workshop is to provide focused and intensive insight into pediatric contrast US so that you have all the necessary information and understanding to go back to your institution and start your own contrast US program or enhance your skills.

REGISTRATION
To register for a workshop, contact Sphoorti Shellikeri, MS, Program Manager, at shellikers@email.chop.edu or 267-425-7184, or email poznickl@email.chop.edu.

Registration Fee
Sonographers: $75
Radiologists and other MDs: $125
Company representatives: $200

This fee includes breakfast, lunch and a pediatric contrast ultrasound information package.

Checks should be made payable to Radiology Associates of Children’s Hospital and mailed to:

Children’s Hospital of Philadelphia
Department of Radiology
Attn: Sphoorti Shellikeri
3401 Civic Center Blvd.
Philadelphia, PA 19104

When you register, we will send you a screening form that must be filled out and sent back at least one week prior to your scheduled workshop date in order for you to observe during direct patient care. In addition, you will receive a previsit questionnaire to fill out that will help us tailor the workshop according to your needs.

CME credits are available for sonographers. CME credits for physicians are pending.

Children’s Hospital of Philadelphia
3401 Civic Center Blvd.
Philadelphia, PA 19104
Radiology, Third Floor, Rm. 3NW58

Live scans will be performed in the Ultrasound Unit next to the conference room.
PROGRAM
8:30 a.m. – 4:00 p.m.
The timing of each part of the program varies depending on the number of patients scheduled for contrast US study and the times they are scheduled. We are flexible and make live scans of patients a priority. Participants rotate between being in the examination room and following a live and narrated transmission of the examination that will have the US images, the US scanner with the knobs, the transducer, and the patient body part being scanned on a large screen.

INTRODUCTION
• The CHOP Center for Pediatric Contrast Ultrasound (CPCU)
• Organization of the Pediatric Contrast Ultrasound Workshop

DIDACTIC LECTURES
• Microbubbles: The Basics and Beyond
• Starting a Pediatric Contrast Ultrasound Program: Made Simple
• Preparing the FDA-approved Ultrasound Contrast Agent Lumason™
• Intravenous Contrast-enhanced Ultrasound in Children: From Head to Toe
• Contrast-enhanced Voiding Urosonography: Intravesical Contrast Application
• Contrast Ultrasound in Pediatric Interventional Radiology: Impactful and Practical Use
• Frequently Asked Questions in Pediatric Contrast Ultrasound and Their Answers

CASE PRESENTATIONS
• Intravenous Contrast-enhanced Ultrasound (CEUS)
• Contrast-enhanced Voiding Urosonography (ceVUS)

HANDS-ON IN-VITRO DEMONSTRATION
• Ultrasound Contrast Phantom: Visualization of Variations in Scan Techniques
• Scanning the Microbubbles On Your Own

LIVE PATIENT EXAMINATION
Depending on availability.
• Observation During a Contrast Ultrasound Scan
• Participation in Live Transmission Demonstration of a Contrast Ultrasound Scan

WORKSHOP FACULTY
Founder: Kassa Darge, MD, PhD
Director: Susan J. Back, MD
Co-Director: Laura Poznick, RDMS

Pediatric Radiologists
Sudha Anupindi, MD
Susan J. Back, MD
Richard Bellah, MD
David Biko, MD
Anne Marie Cahill, MD
Kassa Darge, MD, PhD
Judit Machnitz, MD
Abhay Srinivasan, MD

Pediatric Sonographers
Brandi Kozak, RDMS
Trudy Morgan, RDMS
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Researchers
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Christine Harris, RT, R, MR, MRSO