

Thursday, April 2
Preconvention Program

Separate Registration

Schedule at a Glance

6:00 AM–4:00 PM	Registration Open
6:45 AM–7:30 AM	Preconvention Course Breakfast
7:30 AM–11:30 AM	Basic Techniques: Real-time Demonstration of Transcranial Doppler Ultrasound in Daily Practice
7:30 AM–11:30 AM	Guided Tour of the Fetal Heart: Step by Step
7:30 AM–5:00 PM	Doppler Ultrasound in Obstetrics: Basic and Advanced
7:30 AM–5:00 PM	The Future Is Here: New Horizons in Ultrasound
7:30 AM–5:00 PM	Ultrasound Present and Future: Emerging Markets and New Technologies
8:00 AM–12:00 PM	Technical Standards Committee Meeting
11:30 AM–1:00 PM	Preconvention Lunch (<i>on your own</i>)
11:30 AM–1:00 PM	Annual Convention Committee Meeting
1:00 PM–7:00 PM	Bioeffects Committee Meeting
1:00 PM–5:00 PM	Critical Care Ultrasound: Current Applications and Future Challenges
1:00 PM–5:00 PM	Recognizing Ovarian Cancer and How to Screen for It
1:30 PM–3:00 PM	Finance and Executive Committee Meeting
7:00 PM–9:00 PM	Presidential Reception for New Members and Leadership (<i>by invitation only</i>)



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6:45 AM-7:30 AM

Preconvention Course Breakfast

Preconvention course breakfast will be served outside each room.

7:30 AM-11:30 AM

Basic Techniques: Real-time Demonstration of Transcranial Doppler Ultrasound in Daily Practice

Moderator: Tatjana Rundek, MD, PhD

Soho/Herald Complex • Seventh Floor

After this course, participants will understand clinical indications for transcranial Doppler (TCD) testing, basics of TCD testing procedures (insonation and vessel identification) and normal blood flow velocity parameters, basics of TCD interpretation and reporting, the use of bio-informatics and various platforms for TCD interpretation, the role of TCD in stroke, subarachnoid hemorrhage, and other neurovascular conditions, and setting up the TCD laboratory, technical and professional requirements, and laboratory certification.

Faculty

Zsolt Garami, MD

Randolph Marshall, MS, MD

Tatjana Rundek, MD, PhD

Charles Tegeler, MD

7:30 AM-11:30 AM

Guided Tour of the Fetal Heart: Step by Step

Moderators: Thomas Nelson, PhD, and Lami Yeo, MD

Empire Complex • Seventh Floor

This course is intended as a tutorial for those individuals who are not familiar or comfortable with fetal heart anatomy or scanning strategies. It is intended as an introduction to a step-by-step approach to fetal heart evaluation, including examples of congenital heart disease, scanning methods for identifying cardiac structures, and more.

Faculty

Alfred Abuhamad, MD

Greggory DeVore, MD

Julia Drose, BA, RT, RDMS, RVT, RDCS

Wesley Lee, MD

Mark Sklansky, MD

7:30 AM-5:00 PM

Doppler Ultrasound in Obstetrics: Basic and Advanced

Moderator: Ahmet Baschat, MD

Marquis Ballroom • Ninth Floor

The objectives of this course are to describe the technique of how to perform both basic and advanced Doppler ultrasound examinations in obstetrics and to discuss the clinical applications of Doppler ultrasound.

Faculty

Ahmet Baschat, MD

Giancarlo Mari, MD

Lynn Simpson, MD

Sifa Turan, MD, RDMS

7:30 AM-5:00 PM

The Future Is Here: New Horizons in Ultrasound

Moderators: Mark Kliewer, MD, Mark Lockhart, MD, MPH, Diana Gaitini, MD, Vikram Dogra, MD, and Wui Chong, MD

Astor Ballroom • Seventh Floor

This course is a state-of-the-art review of new ultrasound technology. Participants will learn about the latest advances in ultrasound contrast, elastography, volumetric imaging, ergonomically user-friendly equipment, and transducer technology. Potential applications of new technology in obstetric, vascular, breast, and abdominal imaging will be presented by experts in the field. There will be an update on the availability of ultrasound contrast agents in the United States and the status of negotiations with the US Food and Drug Administration.

Faculty

Richard Barr, MD, PhD

Stamatia Destounis, MD

Flemming Forsberg, PhD

Caterina Gallippi, PhD

Barry Goldberg, MD

Luis Gonçalves, MD

Timothy Hall, PhD

Mark Kliewer, MD

Andrej Lyshchik, MD, PhD

Robert Mattrey, MD

Rendon Nelson, MD

Thomas Nelson, PhD

Jonathan Rubin, MD, PhD

Franklin Tessler, MD, CM

James Zagzebski, PhD

7:30 AM-5:00 PM

Ultrasound Present and Future: Emerging Markets and New Technologies

Moderator: M. Robert De Jong, RDCS, RDMS, RVT

Gramercy/Olmstead • Seventh Floor

At the completion of this course, participants will have a basic understanding of new technologies as they relate to the ultrasound machine, transducers, and ancillary equipment. Technologies to be discussed will include matrix transducers, compound imaging, elastography, volume imaging, fusion technologies, and picture archiving and communications systems. The second half of this course will give the participant a basic understanding of new emerging areas for ultrasound, including expanding biopsy areas, musculoskeletal ultrasound, 3- and 4-dimensional ultrasound outside obstetrics and gynecology, and the handheld market being used outside the radiology setting.

Faculty

Ruben Acherman, MD

Michael Blaivas, MD, RDMS

Deborah D'Agostini, RDMS

Ulrike Hamper, MD, MBA

Salvatore LaRusso, MEd, RDMS, RT(R)

Jennifer McDowell, RVT, RDMS

William Medford, RDMS

Paul Mullen, BSEE

Philip Ralls, MD

James Zagzebski, PhD

1:00 PM-5:00 PM

Critical Care Ultrasound: Current Applications and Future Challenges

Moderator: David Bahner, MD, RDMS

Soho/Herald • Seventh Floor

This course will address the following topics: ultrasound approaches in different areas of a hospital, emergency medicine versus intensive care unit use of critical care ultrasound, and decoding pulmonary ultrasound. It will conclude with a panel discussion on the future of critical care ultrasound and pushing the envelope on organizational ultrasound initiatives.

Faculty

Michael Blaivas, MD, RDMS

Daniel Lichtenstein, MD

Paul Mayo, MD

1:00 PM-5:00 PM

Recognizing Ovarian Cancer and How to Screen for It

Moderator: Arthur Fleischer, MD

Empire Complex • Seventh Floor

Following this course, attendees will have an overview of the clinical aspects and new information on screening, especially with proteomics, and be able to discuss and illustrate the use of sonographic techniques, including morphologic assessment, color Doppler ultrasound, 3-dimensional ultrasound, and, potentially, contrast.

Faculty

David Fishman, MD

Arthur Fleischer, MD

Andrej Lyshchik, MD, PhD

Ilan Timor-Tritsch, MD, RDMS

Presidential Reception for New Members and Leadership

7:00 PM-9:00 PM

JW Marriott Suite • 43rd Floor

This event is by invitation only.

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