### Monday, March 23

#### Convention

### Day at a Glance

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<th>Time</th>
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<td>6:30 AM—4:00 PM</td>
<td>Registration Open</td>
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<tr>
<td>7:00 AM—8:00 AM</td>
<td>Just Images and Comprehensive Refresher Sessions</td>
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<td>AIUM Journal of Ultrasound in Medicine Editorial Board Meeting</td>
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<tr>
<td>8:15 AM—10:15 AM</td>
<td>Special Interest Sessions</td>
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<td>Hands-on Special Interest Session</td>
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<tr>
<td>9:30 AM—1:30 PM</td>
<td>Exhibit Hall Open</td>
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<td>E-Posters Open for Viewing</td>
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<td>10:15 AM—10:45 AM</td>
<td>Refreshment Break in the Exhibit Hall</td>
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<td>10:30 AM—12:30 PM</td>
<td>AIUM Community of Practice Meeting</td>
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<td>10:45 AM—12:00 PM</td>
<td>Special Interest Sessions</td>
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<td>Scientific Sessions</td>
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<td>Film Panel Session</td>
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<td>12:00 PM—1:00 PM</td>
<td>Lunch in the Exhibit Hall</td>
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<td>12:30 PM—1:30 PM</td>
<td>AIUM Presidential Advisory Council Meeting</td>
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<td>Special Interest Sessions</td>
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<td>Hands-on Special Interest Sessions</td>
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<td>1:30 PM—3:30 PM</td>
<td>AIUM Clinical Standards Committee Meeting</td>
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<td>3:00 PM—3:45 PM</td>
<td>AIUM Community Meetings</td>
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<td>3:00 PM—4:00 PM</td>
<td>AIUM Community Meeting</td>
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<td>3:00 PM—4:30 PM</td>
<td>WFUMB Safety Committee Meeting</td>
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<td>3:00 PM—5:00 PM</td>
<td>WFUMB Archives Committee Meeting</td>
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<td>3:45 PM—5:00 PM</td>
<td>AIUM Community Meeting</td>
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<td>3:45 PM—5:30 PM</td>
<td>Film Panel Session</td>
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<td>AIUM Journal of Ultrasound in Medicine Subspecialty Editor Meeting</td>
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<td>4:00 PM—5:00 PM</td>
<td>AIUM Community Meeting</td>
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<td>5:30 PM—6:30 PM</td>
<td>AIUM Community Meetings</td>
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<td>5:45 PM—6:30 PM</td>
<td>WFUMB General Assembly Meeting</td>
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<td>7:00 PM—10:00 PM</td>
<td>Dinner and Karaoke <em>(additional fee to attend)</em></td>
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7:00 AM–8:00 AM
Just Images and Comprehensive Refresher Sessions

Carotid and Upper Extremity Arterial Imaging: Challenges, Pitfalls, and Missed Diagnoses
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere I
Moderators: Gowthaman Gunabushanam, MD, Leslie Scoutt, MD

This session will provide a review of case studies in carotid and upper extremity vascular imaging to demonstrate examples of pitfalls in technique and interpretation and to stimulate discussion regarding diagnostic criteria and how to avoid technical and interpretive errors.

7:00 AM–7:30 AM
Carotid Imaging
Deborah Rubens, MD

7:30 AM–8:00 AM
Upper Extremity Imaging
Gowthaman Gunabushanam, MD

Guidelines for Examination of the Fetal Heart (Basic)
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Northern Hemisphere C
Moderator: Dolores Pretorius, MD

The objective of this session is to review recently published and updated guidelines for minimum standards for examination of the fetal heart.

7:00 AM–7:15 AM
AIUM Guidelines for Evaluation of The Fetal Heart in the Context of the Obstetric Ultrasound Examination
Dolores Pretorius, MD

7:15 AM–7:30 AM
ISUOG Practice Guidelines (Updated) Sonographic Screening Examination of the Fetal Heart
Juilene Carvalho, MD, PhD

7:30 AM–7:45 AM
Recommendations from the American Heart Association Scientific Statement on Diagnosis and Treatment of Fetal Cardiac Disease
Anita Moon-Grady, MD

7:45 AM–8:00 AM
Panel Discussion

Gynecologic Ultrasound in Pediatrics
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere IV
Moderator: Leann Linam, MD

This session will provide an evaluation through multiple cases presented by 3 lectures with information on neonatal, pediatric, and adolescent gynecologic ultrasound.

7:00 AM–7:20 AM
Gynecologic Anomalies
Harris L. Cohen, MD

7:20 AM–7:40 AM
Ovarian Torsion
Leann Linam, MD

7:40 AM–8:00 AM
Ovarian Cysts
Martha Munden, MD

Head Ultrasound of Hypoxic Ischemic Encephalopathy
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere V
Moderator: Beth Kline-Fath, MD

A review of normal head ultrasound will be followed by imaging findings of hypoxic ischemic injury in the preterm and term infant.

7:00 AM–7:30 AM
Normal Head Ultrasound
Martha Munden, MD

7:30 AM–8:00 AM
Head Ultrasound of Hypoxic Ischemic Encephalopathy
Beth Kline-Fath, MD

Just Images: Obstetric Basics
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere III
Moderator: Lorene Romine, MD

The objective of this session is to review tips for optimal imaging, on-line resources, and 3- and 4-dimensional ultrasound.

7:00 AM–7:20 AM
Optimal Imaging Tips: The Basics for Obstetric Scanning
Mishella Perez, BS, RDMS, RDCS
Just Images—Too Cool! Interesting Cases in Interventional Ultrasound: Novel and Practical Approaches to Procedures
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Northern Hemisphere E 1-2
Moderators: Corinne Deurdulian, MD

After attending this session, participants will be familiar with interesting cases incorporating new techniques and technologies involving ultrasound-guided interventional procedures.

Three-Dimensional Imaging of the Uterus: The Value of the Coronal Plane
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere II
Moderator: Rochelle Andreotti, MD

The participant will recognize 3-dimensional reconstruction in the coronal plane as the imaging modality of choice in the evaluation of uterine shape anomalies, to improve visualization of the entire intrauterine device and other methods of tubal contraception, and to better understand the relationship of masses and adhesions to the endometrial cavity with and without sonohysterography.

Alternative Acoustic Source Imaging
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere V
Moderators: Mark Holland, PhD, Thomas Szabo, PhD

On completion of this session, participants should be able to describe current alternative methods for generating ultrasonic images for research and potential clinical application and identify potential areas for collaboration and innovation.

Cutting-edge Musculoskeletal Ultrasound: Peripheral Nerves of the Upper Extremity
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere D-E
Moderator: Corrie Yablon, MD

On completion of this session, participants should know how and when to perform ultrasound examinations of the peripheral nerves of the upper extremity, including interventional techniques.
Endometriosis: Refining Our Approach
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere I
Moderator: James Shwayer, MD, JD

The session will discuss the following: a preoperative ultrasound-based staging system for women with potential endometriosis; correlation of sonographic findings and laparoscopic findings with advanced-stage endometriosis; and predicting pouch of Douglas obliteration by sonovaginography.

8:15 AM–8:45 AM
Endometriosis: An Overview
Beryl Benacerraf, MD

8:45 AM–9:15 AM
Correlation of Ultrasonographic and Laparoscopic Findings With Advanced-Stage Endometriosis
James Shwayer, MD, JD

9:15 AM–9:45 AM
New Technologies in the Diagnosis of Deep Infiltrating Endometriosis
George Condous, MD

9:45 AM–10:15 AM
Classifying Deep Infiltrating Endometriosis: The Leuven Protocol
Dirk Timmerman, MD, PhD

Fetal Growth and Obstetric Doppler Ultrasound
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere C
Moderator: Jacques Abramowicz, MD

The objective of this session is to discuss the diagnosis and management of fetal growth abnormalities and principles and applications of obstetric Doppler ultrasound.

8:15 AM–8:35 AM
Introduction: Normal Growth, Normal Doppler
Jacques Abramowicz, MD

8:35 AM–9:15 AM
Abnormal Growth: Which Test and Why or Why Not?
Aris Papageorghiou, MD

9:15 AM–9:55 AM
Doppler Ultrasound in Intrauterine Growth Restriction
Ahmet Baschat, MD

Hands-on Elastography
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Atlantic Hall A · First Level
Moderator: Richard Barr, MD, PhD

In this session, the learner will be able to look at a variety of ultrasound systems that offer elastography in a variety of applications and different techniques. The user will be able to see the capabilities on phantoms and, in some cases, models. The user can also engage clinicians to answer questions and provide insight into elastography and its value in ultrasound imaging.

Hands-on Faculty: Richard Barr, MD, PhD,
Giovanna Ferraioli, MD

Understanding Carotid Stenosis: Diagnosis, Treatment, and Follow-up
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere II
Moderator: Leslie Scoult, MD

On completion of this session, participants will understand the role of ultrasound and correlative imaging in the diagnosis of carotid stenosis, understand optimal management, and be able to analyze the role of ultrasound in follow-up of patients after interventions.

8:15 AM–8:35 AM
Society of Radiologists in Ultrasound Criteria for Grading Carotid Stenosis: The Case for Consensus
John Pelleitro, MD

8:35 AM–8:55 AM
Grading Carotid Stenosis: What the Society of Radiologists in Ultrasound Criteria Omit
Laurence Needleman, MD

8:55 AM–9:15 AM
When Is Ultrasound Not Enough?
Ajay Malhotra, MD

9:15 AM–9:35 AM
The Role of Carotid Endarterectomy
Roy Fujitani, MD, RVT

9:35 AM–9:55 AM
The Role of Carotid Stents
John Blebea, MD, MBA

9:55 AM–10:15 AM
Postintervention Imaging
Laurence Needleman, MD
WFUMB Ultrasound—Crucial to Improve Global Health Care: Part 1
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere IV
Moderators: Harvey L. Nisenbaum, MD, Christian Nolsøe, MD, PhD

In the first part of this 2-part series, 8 organizations will discuss their global outreach programs.

8:15 AM
Introduction
Harvey L. Nisenbaum, MD

8:15 AM–8:30 AM
World Federation for Ultrasound Medicine in Biology
Harald Lutz, MD, Byung Choi, MD

8:30 AM–8:45 AM
World Interactive Network Focused on Critical Ultrasound
Michael Blaivas, MD

8:45 AM–9:00 AM
International Society of Radiology
James Borgstede, MD

9:00 AM–9:15 AM
International Society of Ultrasound in Obstetrics and Gynecology
Alfred Z. Abuhamad, MD

9:15 AM–9:30 AM
World Federation of Pediatric Imaging
Dorothy Bulas, MD

9:30 AM–9:45 AM
Radiological Society of North America
Kristen De Stigter, MD

9:45 AM–10:00 AM
Imaging the World
Kristen De Stigter, MD

10:00 AM–10:15 AM
World Health Organization
Miriam Mikhail, MD

This session is supported in part by an unrestricted educational grant from:
GE Healthcare; Philips Medical Systems; Samsung Medison Co, Ltd; SonoSite, Inc; Toshiba Medical Systems Corporation

10:15 AM–10:45 AM
Refreshment Break in the Exhibit Hall
Atlantic Hall B/C • First Level

10:30 AM–12:30 PM
AIUM Committee Meeting

10:45 AM–12:00 PM
Film Panel Session

Peripheral Arterial Imaging: How Doppler Ultrasound and Noninvasive Testing Impact Patient Care
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere I
Moderator: John Pellerito, MD

This session will discuss the role of noninvasive testing and Doppler ultrasound in the diagnosis and management of patients with suspected peripheral arterial disease, including pitfalls, misdiagnoses, workup algorithms, and diagnostic criteria. This course will focus on what the clinician needs to learn from the ordered study.

Panelists: George Berdejo, BA, RVT, John Blebea, MD, MBA, Roy Fujitani, MD, RVT, Gowthaman Gunabushanam, MD, John Pellerito, MD

10:45 AM–12:00 PM
Special Interest Sessions
Perinatal Ultrasound and Magnetic Resonance Imaging Correlations (Fetus and Neonate)
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere E 1-2
Moderator: Harris L. Cohen, MD

The session will have audience response images and cases of perinatal works in the neonatal head, neck, and chest, as well as abdomen and pelvis.

Case Presentations: Carol Barnewolt, MD, Maria Calvo-Garcia, MD, Harris L. Cohen, MD, Teresa Victoria, MD
Wrong Diagnosis: Learning From Our Mistakes (Basic and Advanced)
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Northern Hemisphere
Moderator: Alfred Abuhamad, MD

The objective of this session is to present false-positive and false-negative cases of congenital heart disease.

10:45 AM–11:05 AM
Doppler Overdiagnosis and Underdiagnosis
Gregory DeVore, MD

11:05 AM–11:25 AM
Mistakes Due to Wrong Angle of Insonation
Boris Tutschek, MD, PhD

11:25 AM–11:45 AM
Learn From Our Mistakes: What Was the Real Diagnosis?
Reem Abu-Rustum, MD

11:45 AM–12:00 PM
Learn From Our Mistakes: What Was the Real Diagnosis?
Alfred Abuhamad, MD

Gynecologic Ultrasound
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere
Moderators: Rochelle Andreotti, MD, Dirk Timmerman, MD, PhD

10:45 AM–11:00 AM
Anchor Speaker: Dirk Timmerman, MD, PhD

11:00 AM–11:07 AM
2068948 Quality Assurance in Gynecologic Ultrasound
Elaine Stickrath,* William Brown

11:07 AM–11:14 AM
2092307 Clinical Relevance of Uterine Subseptations: Does the Differentiation Between Arcuate and Septate Uterus Still Matter?
Laura Detti,* Holly Norwich

11:14 AM–11:21 AM
2086248 Fallopian Tube Cancer: Description of Ultrasonographic Findings
Lourdes Hereter,* Betlem Graupera, M. Angela Pascual, Francisco Tressera, M. Angeles Martinez, Cristina Pedro

11:21 AM–11:28 AM
2065151 Relationship Between Clinical Symptoms of Bloating and Incidence of Ovarian Neoplasms on Pelvic Ultrasound
Charis Ripley-Hager, Evelyn Fleming, Robert Harris*

11:28 AM–11:35 AM
2086433 Management and Outcome of Cesarean Scar Pregnancies: Experience of 60 Cases in 1 Center
Ilan Timor-Trittsch

11:35 AM–11:42 AM
2086780 Levator Ani Muscle Function Changes to Accommodate Pregnancy and Returns to Baseline Postpartum
Timothy Canavan

11:42 AM–11:49 AM
2089671 Evaluation of the Clinical Efficacy of an Automated Hydrogen Peroxide–Based Device for High-level Disinfection of Ultrasound Probes
M. Robert De Jong

WFUMB Ultrasound—Crucial to Improve Global Health Care: Part 2
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Americas Seminar Room
Moderators: Harvey L. Nisenbaum, MD, Christian Nolsen, MD, PhD

In the second part of this 2-part series, using a roundtable discussion, companies will be asked questions to help us understand how they decide where to devote their resources to bring ultrasound to underserved areas, including what local conditions need to be in place. Other questions will be directed to help us understand how companies and organizations who have outreach programs can work together effectively to bring ultrasound to areas where it is the only imaging modality that is feasible and can transform their health care.

10:45 AM–11:30 AM
Roundtable Discussion With Participating Companies
FujiFilm Sonosite, Inc; GE Healthcare; Hitachi Aloka Medical, Ltd; Mindray North America; Philips Healthcare; Samsung Electronics America, Inc; Siemens Medical Solutions, USA, Inc; Toshiba America Medical Systems, Inc

11:30 AM–12:00 PM
Questions and Answers

This session is supported in part by an unrestricted educational grant from:
GE Healthcare; Philips Medical Systems; Samsung Medison Co, Ltd; SonoSite, Inc; Toshiba Medical Systems Corporation
Liver and Hepatobiliary Ultrasound
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere E 3-4

Moderators: Byung Inh Choi, MD, and Deborah Rubens, MD

10:45 AM–11:00 AM
Anchor Speaker: Byung Inh Choi, MD

10:50 AM–11:07 AM
LIVER STIFFNESS WITH AND WITHOUT SERUM α-FETOPROTEIN IN DISCRIMINATING SMALL HEPATOCELULAR CARCINOMA FROM CIRRHOTIC NODULES
Yan Luo

11:05 AM–11:15 AM
PHOTOACOUSTIC IMAGING OF VASCULAR OXYGENATION FOLLOWING DIELECTRIC BARRIER DISCHARGE PLASMA WOUND TREATMENT
Natalie Chernets, John Eisenbrey, Ji-bin Liu, Qianshi Zhang, Deepa Kurpad, Theresa Freeman, Flemming Forsberg*

11:15 AM–11:25 AM
QUANTITATIVE ASSESSMENT OF RADIOFREQUENCY ULTRASOUND SIGNALS TO MONITOR MYOCARDIAL FIBROSIS
Terri Swanson, *Christopher Salatto, Benjamin Maciejewski, Alan Opsahl, Theresa Tuthill

11:25 AM–11:35 AM
ROLE OF ULTRASOUND IN THE MAXILLOFACIAL REGION
Pramita Chaudhuri, *Nitin Chaudhuri, Rajas Chaudhury

11:35 AM–11:45 AM
ULTRASOUND EVALUATION AND GRADING OF ORAL SUBMUCOUS FIBROSI
Shyamsundar Joshi, Muralidhar Kamalapur, *Preetham Padi, Santosh Dasar, Santosh Patil, Vinayak Tonne

11:45 AM–11:55 AM
ULTRASOUND APPLICATIONS WITH HIGH-FREQUENCY TRANSDUCERS IN SKIN PATHOLOGIES
Marcio Bouer*

www.aium.org
11:42 AM–11:49 AM  
**2064557** Natural History and Clinical Significance of Isolated Biliary Sludge Diagnosed at Outpatient Sonography  
Paul Armstrong Hill,* Robert Harris

11:49 AM–11:56 AM  
**2083791** Interobserver Variation In Ultrasonographic Detection of Gallbladder Diseases  
Teresa Abbattista,* Francesco Ridolfi

11:56 AM–12:03 PM  
**2083667** Online System for Liver Disease Classification in Ultrasound  
Jasjit Suri,* Luca Saba, Nilanjan Dey, Sourav Samanta, Siddhartha Sankar Nath, Sayan Chakraborty, Dinesh Kumar, João Sanches

**Medical Education**

Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere III  
**Moderators:** David Bahner, MD, RDMS, Susan Campbell Westerway, PhD

10:45 AM–11:00 AM  
Anchor Speaker: David Bahner, MD, RDMS

11:00 AM–11:07 AM  
**2092331** Grassroots Ultrasound Education: Medical Student Opinions of Ultrasound in Medical Education and Student-Organized Ultrasound Education Initiatives  
Jennifer Cotton,* Carolyn Martinez, Matthew Dawson

11:07 AM–11:14 AM  
**2092280** An Assessment of the Ultrasound Curricula of Osteopathic Emergency Medicine Residencies  
Nicholas Avitabile,* Turandot Saul, Nicole Kaban, Sebastian Siadecki, Resa Lewiss

11:14 AM–11:21 AM  
**2090486** Competency Cut Point Identification Derived From a Mastery Learning Cohort Approach: A Hybrid Model  
David Tierney

11:21 AM–11:28 AM  
**2089700** Integration of Ultrasound in Medical Education in US Medical Schools: A National Survey of Directors  
Vi am Dinh, Jasmine Yaxun Fu,* Samantha Lu, Alan Chiem, John Christian Fox, Michael Blaivas, Richard Hoppmann

11:28 AM–11:35 AM  
**2081046** Competency Development and Complexities of Clinical Integration of Musculoskeletal Sonography by Nonphysician Rehabilitation Providers  
Shawn Roll,* Julie McLaughlin-Gray, Gelya Frank

11:35 AM–11:42 AM  
**2088803** Sonosteps: An Inaugural Report of Australian Sonographer Skill Teaching Practices  
Delwyn Nicholls,* Linda Sweet, Amanda Muller, Jon Hyett

11:42 AM–11:49 AM  
**2063550** Pair Scanning: Integrating the Student Sonographer Into the Work Flow Without Impacting Patient Care  
Marcia Docherty, Susan Burnett-Roy,* Samantha May, Kathleen Foran

11:49 AM–11:56 AM  
**2088750** Teaching Psychomotor Skills Effectively in the 21st Century  
Delwyn Nicholls,* Linda Sweet, Amanda Muller, Jon Hyett

11:56 AM–12:03 PM  
**2092010** Ultrasound Milestones for Physical Medicine and Rehabilitation in Graduate Medical Education  
Marcia Bockbrader,* Melanie Kennedy, Allison Nuovo, Rebecca Siegel, Melita Moore, David Way, David Bahner

**New Investigator Award Session 1**

Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere V  
**Moderators:** Phyllis Glanc, MDCM, BSC, FRCPC, Luis Izquierdo, MD, MBA, CPE

10:45 AM–10:55 AM  
**2076234** Feasibility and Safety of Substituting Lung Ultrasound for Chest X-Ray When Diagnosing Pneumonia in Children: A Randomized Controlled Trial  
Ee Tein Tay,* Brittany Jones, James Tsung

10:55 AM–11:05 AM  
**2070879** Change in Cardiac Axis Between Systole and Diastole in Normal Fetuses and Fetuses With Congenital Heart Defects  
Yili Zhao,* Sharon Horton, Elena Sinkovskaya, Małgorzata Młynarczyk, Letty Romary, Alfred Abuhamad
Impact of Ultrasound on Classification and Management of Crohn’s Disease Patients With Inconclusive Colonoscopy
Rune Wilkens,* Eleonore Lebeuf-Taylor, Kerri Novak, Stephanie Wilson

A Natural History of Twin-Twin Transfusion Syndrome by Quintero Stage
Elaine Duryea,* Sarah Happe, Donald McIntire, Jodi Dashe

Ultrasound-Guided Microwave Ablation in the Management of Inguinal Neuralgia: A Preliminary Study With 1-Year Follow-up
Priti Patil,* Kenneth Lee, Humberto Rosas, Lori Kenyon, Alejandro Munoz Del Rio

Contrast Enhanced Ultrasound in Remote and Under-Resourced Areas: Implementation Challenges and Potential Benefits
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Moderators: J. Brian Fowlkes, PhD, Christian Nolsøe, MD, PhD

This session will update registrants on approved indications for contrast-enhanced ultrasound, and experts will discuss ways to successfully navigate the approval process for ultrasound contrast agents with agencies around the globe.

Contrast Enhanced Ultrasound (CEUS) has been incorporated in clinical practice internationally. CEUS is increasingly used in both cardiac and non-cardiac diagnosis throughout the world and the collective experience of physicians could be particularly important in countries where different applications are being introduced. The regulatory approval of agents is a critical step in the process both in locations where ultrasound is widely used and where ultrasound is the first imaging modality to reach more rural settings. Each of these important stages of CEUS development will be represented in presentations from a group of international speakers.

Ultrasound Contrast Agent Global Approval Status
J. Brian Fowlkes, PhD

Indications for Contrast-Enhanced Ultrasound: Present Status
Christian Nolsøe, MD, PhD

Ultrasound Contrast Agent Approval Complexity: Food and Drug Administration Experience
Ira Kretling, MD

Ultrasound Contrast Agent Approval in Developing Countries: How to Speed Up the Process
Brian Garra, MD

Promotion of Ultrasound Contrast Agents Worldwide: The International Contrast Ultrasound Society Point of View
Michael Main, MD

Importance of World Health Organization Essential Medicines List in Global Public Health
Miriam Mikhail, MD

Successful Ultrasound Contrast Agent Approval: The Brazilian Case
M. Cristina Chammas, MD, PhD

Panel Discussion
Hands-on Workshop: Doppler Techniques and How to Scan—Part 1
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Atlantic Hall A
Moderators: Wui Chong, MD

Topics to be covered during this session include: knobology/image optimization for Doppler ultrasound; liver Doppler techniques; and renal Doppler techniques.

1:00 PM–1:20 PM
Knobology/Image Optimization of Doppler
Salvatore LaRusso, MEd, RDMS, RT(R)

1:20 PM–1:40 PM
Liver Doppler Technique
Wui Chong, MD

1:40 PM–2:00 PM
Renal Doppler Technique
Laurence Needleman, MD

2:00 PM–3:00 PM
Live Scanning

How to Do the Biopsy: Hands-on—SOLD OUT
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Europe 8
Moderator: Shweta Bhatt, MD

After attending this session, participants will be able to understand prebiopsy preparation, have hands-on experience with the techniques of doing biopsies of soft tissue masses, thyroid nodules, breast masses, the liver, and kidneys, and recognize and manage common complications.

Hands-on Faculty: Nami Azar, MD, Ulises Barajas MD, Shweta Bhatt, MD, Devang Butani, MD, Corrine Deurdulian, MD, Jill Dickerson, RDMS, Vikram Dogra, MD, Hamad Ghazle, EdD, APS, RDMS, Ulrike Hamper, MD, MBA, Mark Lockhart, MD, MPH, Dean Nakamoto, MD, Deborah Rubens, MD, Ruth Schaefter, RDMS, Leslie Scoutt, MD, Ravinder Sidhu, MD, Patricia Soto, RDMS, Hisham Tchelepi, MD

Perinatal Imaging of the Neck and Spine
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere V
Moderator: Dorothy Bulas, MD

The objective of this session is to review common prenatal neck and spine pathologies with postnatal correlation.

1:00 PM–1:40 PM
Prenatal Evaluations of Fetal Neck Masses With Postnatal Corrections
Christopher Cassady, MD, FRANZCR

1:40 PM–2:20 PM
Paraspinal Masses and Syndromic Spine Anomalies in the Fetus
Judy Estroff, MD

1:20 PM–3:00 PM
Prenatal Evaluation of Spinal Dysraphism With Postnatal Correlation
Dorothy Bulas, MD

Point-of-Care Assessment of Acute Bowel Pathology
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere III
Moderator: Bret Nelson, MD

The objectives of this session are to: (1) discuss the role of ultrasound in assessing acute bowel pathology compared with other imaging modalities; (2) recognize patterns of pediatric bowel pathology; and (3) describe techniques used to improve imaging of the bowel.

1:00 PM–1:05 PM
Introduction
Bret Nelson, MD
1:05 PM–1:30 PM
Diverticulitis, Hernias, and Appendicitis
Jorge Rabat, MD

1:30 PM–2:00 PM
Doppler Evaluation of Mesenteric Ischemia
John Pellerito, MD

2:00 PM–2:30 PM
Emergency Bedside Ultrasound of Bowel Complaints
David Riley, MD

2:30 PM–3:00 PM
Acute Pediatric Bowel Pathology
Rob Goodman, MD

Skeletal Dysplasias
Earn up to 2 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere C
Moderators: Janice Byrne, MD, Israel Meizner, MD

The objectives of this session are to: (1) evaluate challenging fetal skeletal dysplasia cases; (2) discuss a stepwise approach in evaluation of fetal skeletal dysplasias; (3) discuss imaging clues and pitfalls in the diagnosis of fetal skeletal dysplasias; and (4) describe complementary imaging as an adjunct to ultrasound in managing difficult cases.

1:00 PM–1:30 PM
Approach to Skeletal Dysplasias
Thomas Shipp, MD, RDMS

1:30 PM–2:00 PM
Perinatal Lethal Skeletal Dysplasias
Janice Byrne, MD

2:00 PM–2:30 PM
Prenatal Diagnosis of Nonlethal Skeletal Dysplasias
Israel Meizner, MD

2:30 PM–3:00 PM
When Is a Short Femur Really Just a Short Femur?
Manijeh Kamyar, MD

1:30 PM–3:30 PM
AIUM Community Meeting

Clinical Standards Committee
Europe 1

3:00 PM–3:45 PM
Break

3:00 PM–3:45 PM
AIUM Community Meetings

Emergency and Critical Care Ultrasound
Earn up to 0.75 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere III
Moderators: Bret Nelson, MD, RDMS, Eitan Dickman, MD, RDMS, Srikar Adhikari, MD, MS, RDMS, RPVI

Physicians and sonographers who image patients in acute and intensive care environments are welcome to join the Emergency and Critical Care Ultrasound Community. We believe that collaboration between point-of-care ultrasound users, sonographers, and clinicians performing comprehensive emergency imaging is vital to improving the care of our shared patients. A wide range of applications are practiced by our community members, and we welcome input on improving the educational and community activities at the Annual Convention and throughout the year.

Therapeutic Ultrasound
Earn up to 0.75 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Southern Hemisphere IV
Moderators: Keith Wear, PhD, Maggie Zhang, MD, PhD, Gregory Czarnota, PhD, MD, FRCPC

At this meeting, we will solicit suggestions for Therapeutic Ultrasound Special Interest Sessions for the 2016 Annual Convention. Attendees will vote on suggested Special Interest Sessions. We will appoint moderators for the sessions that receive the highest number of votes.

3:00 PM–4:00 PM
AIUM Community Meeting

Neurosonology
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.
Europe 7
Moderators: Mary Beth McCarville, MD, Digna Cabral, BS, Beth Kline-Fath, MD

The Neurosonology Community meeting is open to all individuals (sonographers and physicians) interested in the role of sonography in assessing neurologic conditions. This includes a wide array of conditions and patient populations ranging from topics as divergent as the role of transcranial Doppler ultrasound in the assessment of adults with stroke to ultrasound imaging of the newborn spine. We encourage your participation and appreciate your feedback regarding the value of this year’s neurosonology sessions. We seek your ideas and opinions regarding planning for next year’s Just Images Sessions, Hands-on Sessions, Film Panel Sessions, and Comprehensive Refresher Courses. We welcome the opportunity to collaborate with other communities on topics of shared interest.

www.aium.org
WFUMB Committee Meetings

3:00 PM–4:30 PM
Safety Committee
Europe 6

3:00 PM–5:00 PM
Archives Committee
Europe 2

3:45 PM–5:00 PM
AIUM Community Meeting

Fetal Echocardiography
Earn up to 1.25 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere E 3-4
Moderators: Liat Gines, MD, Lynn Simpson, MD, MSc, Anita Moon-Grady, MD, FAAP, FACC, FASE

This year’s meeting of the Fetal Echocardiography Community will cover important topics that you will not want to miss. With the addition this year of wonderful WFUMB International faculty, we are expecting a lively and interactive program. At the meeting, we will be discussing next year’s convention topics and speakers. The time is sure to include continued discussion of the new guidelines for the anatomic survey in low-risk pregnancies, which now recommend the inclusion of outflow tracts along with the 4-chamber view. We also anticipate discussion of the new, revamped AIUM Training Guidelines for Fetal Echocardiography and their impact on accreditation in fetal echocardiography. We welcome anyone with an interest in fetal cardiac imaging, as discussions thrive with input from a variety of perspectives and disciplines. Please join us for this annual meeting of the Fetal Echocardiography Community!

3:45 PM–5:30 PM
AIUM Committee Meeting

Journal of Ultrasound in Medicine
Subspecialty Editors
Americas Seminar Room

Just Images Sessions

3:45 PM–5:30 PM

Challenging Abdominal Vascular Cases, Including Transplants
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere D-E
Moderator: M. Robert De Jong, RDMS, RDMS, RTV

The objectives of this session are: (1) determine the pathophysiology related to abnormal findings; (2) review the protocol, techniques, and diagnostic criteria for evaluating the pathology; and (3) confirm diagnosis or pathologic prediction based on additional imaging: magnetic resonance imaging, computed tomography, angiography, nuclear medicine, or positron emission tomography.

3:45 PM–4:15 PM
Case Presentations
Margarita Reznik, MD, MS

4:15 PM–4:45 PM
Case Presentations
Melanie Caserta, MD

4:45 PM–5:15 PM
Case Presentations
M. Robert De Jong, RDMS, RDMS, RTV

5:15 PM–5:30 PM
Questions and Answers

Elastography: Just Cases (Liver, Thyroid, Musculoskeletal, and Gynecologic)
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Northern Hemisphere E 1-2
Moderator: Richard Barr, MD, PhD

In this session, the learner will see a variety of cases showing both compression strain and shear wave elastography and how the use of elastography is contributing to the overall interpretation.

3:45 PM–4:15 PM
Liver
Masatoshi Kudo, MD, PhD

4:15 PM–4:45 PM
Gynecologic
David Cosgrove, MA, MSc, FRCR, FRCR

4:45 PM–5:15 PM
Musculoskeletal
Patricia Delzell, MD

5:15 PM–5:30 PM
Questions and Answers
3:45 PM–5:30 PM
Film Panel Session

Unknown Cases: Gynecology
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Northern Hemisphere C
Moderator: Peter Doublet, MD

This session will present interesting and challenging gynecologic cases.

Panelists: William Brown, MD, Arthur C. Fleischer, MD, Dolores Pretorius, MD, Ian Timor-Tritsch, MD

3:45 PM–5:30 PM
Special Interest Session

High-Frequency Ultrasound Imaging: Dermatologic Applications
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere IV
Moderator: Terri Swanson, MA

Learn about the latest techniques in skin imaging and dermatology.

3:45 PM–3:55 PM
Introduction
Terri Swanson, MA

3:55 PM–4:25 PM
Three-Dimensional Imaging of Pigmented Lesions
Robert Bard, MD

4:25 PM–4:55 PM
Loco-Regional Staging of Cutaneous Melanoma
Orlando Catalano, MD

4:55 PM–5:25 PM
Ultrasound of Non-Melanoma Skin Cancer
Ximena Wortsman, MD

5:25 PM–5:30 PM
Questions and Answers

3:45 PM–5:30 PM
Scientific Sessions

Learn about the latest research in ultrasound in concise oral presentations.
* Indicates presenter.

Basic Science and Instrumentation: Bioeffects and Contrast Agents
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere V
Moderators: Philippe Arbelle, MD, PhD, Keith Wear, PhD

3:45 PM–3:55 PM
2091125 Modified Apodization Functions for Super-Resolution Imaging
Kevin Parker, * Shujie Chen

3:55 PM–4:05 PM
Keith Wear, * Yunbo Liu, Paul Gammel, Subha Maruvada, Gerald Harris

4:05 PM–4:15 PM
2074546 Tele-Operated Echograph and Motorized Probe Transducer for Remote Echography in an Isolated Environment: Applications in Space Exploration and Isolated Medical Centers
Philippe Arbelle

4:15 PM–4:25 PM
2072837 A Device to Monitor Blood Velocity in Shallow Peripheral Vessels
David Vikkomerson, * Tom Chilipka, John Turner

4:25 PM–4:35 PM
2092260 Long-Duration Real-time Assessment of Doppler Signals in Upper and Lower Extremities
Inder Raj Singh Makin, * Chandhana Pedapati, Deborah Heath

4:35 PM–4:45 PM
2092029 Obstetric Ultrasound Simulator for Self-Paced Training and Assessment
Peder Pedersen, * Li Liu, Jason Kutarnia, Petra Belady
Emergency and Critical Care Ultrasound

Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

Southern Hemisphere II

Moderators: Eitan Dickman, MD, RDMS, Jorge Rabat, MD

3:45 PM–4:00 PM
Anchor Speaker: Jorge Rabat, MD

4:00 PM–4:07 PM
209031 Development and Analysis of a Mobile Point-of-Care Ultrasound Tracking Tool
David Tierney

4:07 PM–4:14 PM
208505 Plethoric Inferior Vena Cava on Point-of-Care Ultrasound Predicts Mortality for Dyspneic Patients Presenting to the Emergency Department
Peter Keenan,* Meghan Herbst

4:14 PM–4:21 PM
207414 Ultrasound Imaging Overlap Between Radiology and Emergency Medicine for Emergency Department Patients: Volume and Billing Implications
Romolo Gaspar,* Morris Hayim, David Blehar

4:21 PM–4:28 PM
208322 A Meta-analysis of the Diagnostic Accuracy of Ultrasonography for Retained Foreign Bodies in the Skin and Soft Tissue
Joshua Davis, Byron Czerniak, Arthur Au, Isaac Farrell, Srikar Adhikari, Jason Fields*

4:28 PM–4:35 PM
2066744 Bridging the Gap: Hemodynamic Versus Anatomic Transthoracic Echocardiography in the Critically Ill
Jacob Glaser, Sarah Murthi, Thomas Scalea, Cassandra Cardarelli*

4:35 PM–4:42 PM
2061835 The High-Frequency Linear Transducer Improves Detection of an Intrauterine Pregnancy in the First Trimester
Matthew Tabbut,* Devin Harper, Diane Gramer, Robert Jones

4:42 PM–4:49 PM
2090953 Evaluation of Shoulder Injury in the Emergency Department: Utility of Bedside Ultrasound in the Diagnosis of Acute Shoulder Dislocation
Shadi Lahham, Patrick Lenehan, Nathan Lane, Linda Joseph, Melika Hosseini, Alex Trinh*, J. Christian Fox

4:49 PM–4:56 PM
2090165 The Impact of Ultrasound on Differential Diagnosis in Patients With Undifferentiated Abdominal Pain
Timothy Faust,* Azeem Tajani, Jeannette Goldwaser, Philippe Louissaint, Arthur Au, Jason Fields

5:03 PM–5:10 PM
2089557 A High Body Mass Index Is Strongly Correlated With Decreased Image Quality in Focused Bedside Echocardiography
Sebastian Siadecki,* Sarah Frasure, Turandot Saul, Resa Lewiss

5:03 PM–5:17 PM
2090775 A Prospective Evaluation of Real-time Transverse Tracheal Ultrasound in the Evaluation of Emergent Intubation by Minimally Trained Practitioners
Shadi Lahham, Jamie Baydoun, James Bailey, Nathan Lane, Linda Joseph, Sandy Sandoval, J. Christian Fox, Chanel Fischetti*

5:17 PM–5:24 PM
2066483 Effect of Physiologic Activity on the Optic Nerve Sheath Diameter Estimated by Sonographic Measurement
Kyle Friez,* Matthew Lyon
General Ultrasound: Abdomen and Small Parts
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere III
Moderators: Harald Lutz, MD, Stephanie Wilson, MD

3:45 PM–4:00 PM
Anchor Speaker: Dieter Nürnberg, MD

4:00 PM–4:07 PM
2102315 Surgical and Endoanal Sonographic Assessment of Complex Anal Fistulas in Patients Suspected of Having a Secondary Tract
Hae Jeong Jeon, * Mi Hye Yu, Young Jun Kim, Sung Il Jung, Sang Woo Park, Ung Chae Park, Seong Jun Park

4:07 PM–4:14 PM
2066826 Sonographic Diagnosis of Appendicitis: Standardizing Techniques to Improve Accuracy
Rabia Hasan, * Assaf Grail, Vinay Gheyi, Jason Nomura, Reza Daugherty

4:14 PM–4:21 PM
2091550 Ultrasound in Characterizing Parasitic Infestations
Rajas Chaubal, * Vivhek Pai

4:21 PM–4:28 PM
2065461 Fluid Overload and Impaired Motility in the Small Intestine Caused by an Activating Gycy2c Mutation
Hilde von Volkmann, * Kim Nylund, Rune Transtad, Nils Houvinden, Tityve Hauser, Torunn Fiskerstrand, Odd Helge Gilja

4:28 PM–4:35 PM
2075366 The Role of Renal Ultrasound in Acute Kidney Injury
Rebecca Gamss, Marjorie Stein, * Joanne Rispoli, Hillel Cohen, Jeffrey Roberts, Mortdecai Koenigsberg, Fernanda Mazzarolo

4:35 PM–4:42 PM
2073219 Epididymal Appearance in Congenital Absence of the Vas Deferens
Sudhre Gokhale, * Kapil Kochhar

4:42 PM–4:49 PM
2090882 Elastography of Thyroid Nodules: Which Elastographic Index Can Predict Malignancy?
Omar Salto, * M. Cristina Chammas, Sandra Tochetto, Giovanni Cerri

4:49 PM–4:56 PM
2069178 Does the Use of Elastography Decrease the Rate of Nondiagnostic Thyroid Nodule Fine-Needle Aspiration?
Elliot Landau, * Sanjiv Baij, Cheryl Lin, Bina Kvitkovsky, Jonathan Scheiner

4:56 PM–5:03 PM
2090311 Does Oral Radio Contrast Affect the Image Quality of Abdominal Sonography?
Christopher Dang, * Elton Dickman, Lawrence Haines, Mark Tessaro, Pranjal Patel, Maxim Dzeba

Obstetric Ultrasound: General, New Techniques, and Multiple Gestations
Earn up to 1.75 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.
Southern Hemisphere I
Moderators: Nasrin Benion, RDMS, Aris Papageorgiou, MD

3:45 PM–4:00 PM
Anchor Speaker: Aris Papageorgiou, MD

4:00 PM–4:07 PM
2095248 Effect of Sonographic Maternal Subcutaneous Thickness on Ultrasound Evaluation of Fetal Anatomy in Twin Gestations
Alison Wortman, * Jodi Dashe, Jennifer Hernandez, Kevin Worley, Jeanne Sheffield, Donald McIntire, Diane Twickler

4:07 PM–4:14 PM
2080799 Adverse Pregnancy Outcomes in Twin Pregnancies Reduced to Singleton Pregnancies and Ongoing Twin Pregnancies
Simi Gupta, Nathan Fox, Jessica Feinberg, Chad Klausner, Andrel Rebarber* 

4:14 PM–4:21 PM
2075277 Standardized Stepwise Approach to the Performance of the Basic Obstetric Ultrasound Examination for the Low-Resource Setting: Prospective Validation
Yili Zhao, * Elena Sinkovskaya, Lawrence Platt, Rashmi Rao, Alfred Abuhumaid

4:21 PM–4:28 PM
2076943 The Role of Ultrasound in the Lebanese Outreach Setting
Reem Abu-Rustum, * M. Fouad Zlade, Sameer Abu-Rustum, Hadi Danawi

4:28 PM–4:35 PM
2095290 Sonographic Interval and Diagnosis of Twin–Twin Transfusion Syndrome
Elaine Durye, * Sarah Happe, Donald McIntire, Jodi Dashe
4:35 PM–4:42 PM
2070168 The Relationship Between Intertwin Membrane Separation and Pregnancy Outcomes
Carolina Bibbo,* Mark Clapp, Daniela Carusi, Carol Benson, Julian Robinson

4:42 PM–4:49 PM
2091256 Fetal Blood Flow Measurement by Angle-Independent 3-Dimensional Sonography in High-Risk Patients
Stephen Pinter,* Oliver Kripfgans, Marjorie Treadwell, Anna Kneitel, J. Brian Fowlkes, Jonathan Rubin

4:49 PM–4:56 PM
2083673 Texture Analysis Using the Tissue Histogram Utility on Fetal Liver and Reference Organs in the Third Trimester
James Maher,* Curtis Boyd, Wainann Bejil, Phillip Watkins, Daniel Castracane

4:56 PM–5:03 PM
2076941 Feasibility of Visualizing the Cerebellum at the Time of Nuchal Translucency Assessment
Reem Abu-Rustum,* M. Fouad Ziade, Assaad Kesrouani, Sameer Abu-Rustum

5:03 PM–5:10 PM
2074928 Determining Fetal Adiposity In Utero Based on Sonographic Measurements of Fetal Buoyancy (Rate of Fetal Rise)
Kathleen Antony,* Dianne Glass, Emily Steinbis, Diana Racusin, Najma Aijiz, Kjersti Aagaard

5:10 PM–5:17 PM
2051009 The Natural History of Spontaneous Chorioamniotic Membrane Separation Diagnosed After 17 Weeks’ Gestation
Carolina Bibbo,* Sarah Little, Jad Bsot, Carol Benson, Rebecca Jessel, Julian Robinson

5:17 PM–5:24 PM
2087422 The Influence of Body Mass Index and Maternal Positioning on Measurement of the Amniotic Fluid Index
Lynn Amicone,* Terry Tressler, Claudia Taboada, Francis Martinez, Yijin Wert

5:24 PM–5:31 PM
2073212 Comparison of Cervical Lengths Using Magnetic Resonance Imaging With Transabdominal and Transvaginal Ultrasound in Pregnant Women
Amirhossein Moaddab,* Amy Mehollin-Ray, Bahram Salmanian, Pardis Hosseinzadeh, Jimmy Espinoza, Wesley Lee, Belfort Michael, Alireza Shamshirsaz

4:00 PM–5:00 PM
AIUM Community Meeting

Pediatric Ultrasound
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.

Europe 7
Moderators: Harris L. Cohen, MD, Leann Linam, MD, Rob Goodman, MB, BCHir

Come to the Pediatric Ultrasound Community meeting. Help take part in a group that takes care of key problems in the young. Diagnosis affects patients over many years of future life. Pediatric patients, particularly vulnerable to radiation, benefit greatly from modalities that lessen radiation exposure. Ultrasound and its well-known and developing uses are important in accomplishing this goal. Finally, pediatric radiologists are at the heart of many perinatal programs, helping diagnosis, care, and clinician communication on both sides of the boundary of birth . . . dealing with the fetus and neonate, the obstetrician (maternal-fetal medicine), and neonatologist. Come help the community grow and serve.

5:30 PM–6:30 PM
AIUM Community Meetings

Cardiovascular Ultrasound
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.

Northern Hemisphere D+E
Moderators: Leslie Scoult, MD, Jennifer McDowell, MM, RVT, RDMS, RT, George Berdejo, BA, RVT

The Cardiovascular Ultrasound Community welcomes you to attend a 1-hour planning meeting that will cover topics for the 2016 Annual Convention, as well as possible speakers and moderators. Everyone is invited to attend and will receive CME credit for participation. This community is responsible for addressing vascular imaging from diagnosis to treatment and follow-up after interventions. We will solicit your ideas and suggestions, which will steer the education offered throughout the year. Please join us and get plugged into the AIUM’s Cardiovascular Ultrasound Community!

Dermatologic Ultrasound Interest Group
Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.

Southern Hemisphere IV
Moderator: Ximena Wortsman, MD

All those interested in the new and challenging field of dermatologic ultrasound are invited to participate in the first meeting of the Dermatologic Ultrasound Interest Group. Bring your ideas, your experiences, your challenges, and your suggestions so that we might work on developing educational initiatives.
**Elastography**

Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.

**Moderators:** Richard Barr, MD, PhD, Amy Lex, MS, RT(R), RDMS, Shigao Chen, PhD

The use of elastography in ultrasound imaging continues to grow and evolve every day. We invite you to attend the Elastography Interest Group meeting to share your insights. We will also discuss ways to continue to educate the ultrasound community on the various kinds of elastography, the techniques, and the emerging concepts. Please come to share your ideas on speakers as well as topics for 2016. We look forward to hearing your ideas and questions.

**High-Frequency Clinical and Preclinical Imaging**

Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.

**Southern Hemisphere V**

**Moderators:** Ronald Silverman, PhD, Jonathan Mamou, PhD, Terri Swanson, MA

We invite those with an interest in any aspect of high-frequency clinical or preclinical imaging to join colleagues for a discussion about educational needs in this area. We will be accepting recommendations for speakers and course topics for the 2016 Annual Convention, which will be held in Las Vegas, Nevada.

**Obstetric Ultrasound**

Earn up to 1 AMA PRA Category 1 Credit™ (accepted by the ARDMS) or ARRT Category A Credit.

**Southern Hemisphere I**

**Moderators:** Jude Crino, MD, Joan Mastrobattista, MD, Julia Solomon, MD, CM

Obstetrics is an ever-growing field, and imaging is now available to many end users, from our medical, nursing, and sonography students to the practicing clinician. Our goal is "ultrasound first," and our Obstetric Ultrasound Community meeting is an excellent opportunity to network with others and to discuss common issues. Obstetrics remains the predominant area in which ultrasound is used, but the need for education has never been greater. Join us in discussing the hot topics in obstetric ultrasound. We encourage your participation and input for the educational format, topics, and speakers you would most like at the 2016 Annual Convention. We encourage you to send suggestions about course content, speakers, and opportunities for improvement to any of the Obstetric Ultrasound Community's officers via communities@aium.org.

**5:45 PM–6:30 PM**

**WFUMB Committee Meeting**

**General Assembly**

**Europe 6**