

ULTRASOUND

104TH Scientific Assembly and Annual Meeting

Radiological Society of North America
McCormick Place, Chicago

November 25–30

Meeting.RSNA.org #RSNA18

RSNA[®] 2018
TOMORROW'S
RADIOLOGY TODAY 

Accreditation and Designation Statements

The Radiological Society of North America (RSNA®) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The RSNA designates this live activity for a maximum of **99.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Commission on Accreditation of Medical Physics Education Program (CAMPEP) has approved the direct transfer of *AMA PRA Category 1 Credit™* to MPCEC on a credit-for-credit basis for medical physicists.

Corporate Symposium

Please refer to each course description in the online program to determine if CME credit is offered for the session. Instructions on claiming credit will be provided during the course. CME credit for the Corporate Symposiums will be provided through a third party provider and not through RSNA.

Walk Through The Week

SUNDAY, NOV 25, 2018

Case of the Day

Ultrasound Sunday Case of the Day

Session ED014-SU Case of Day, Learning Center

10:45 AM–12:15 PM

Scientific Papers Sessions

Physics (Ultrasound in Imaging and Radiation Therapy)

Session SSA20 S102CD

2:00–3:30 PM

Educational Courses

Second and Third Trimester Obstetrical Ultrasound

Course RC110 N228

Emerging Technology: Contrast Enhanced Ultrasound -
Update 2018

Course RC117 S504CD

Nerve Ultrasound Based on a Regional Approach: Hip to Knee
(Hands-on)

Course RC152 E264

MONDAY, NOV 26, 2018

Case of the Day

Ultrasound Monday Case of the Day

Session ED014-MO Case of Day, Learning Center

8:30–10:00 AM

Educational Courses

Evolving Imaging Methods for the Cancer Patient - Part 1
(Interactive Session)

Course MSAS21 S105AB

Molecular Imaging Symposium: Basics of Molecular Imaging

Course MSMI21 S405AB

Advances in Gynecologic Ultrasound

Course RC210 S504AB

Emerging Technology: Elastography - Update 2018

Course RC217 S504CD

Hands-on Musculoskeletal Ultrasound: A Forum for Question
and Answer (Hands-on)

Course RC231 E258

Carotid and Renal Doppler (Hands-on)

Course RC252 E264

10:30 AM–12:00 PM

Scientific Papers Sessions

Science Session with Keynote: Gastrointestinal (LiRADS)

Session SSC05 **N228**

Gastrointestinal (Liver Diffuse Disease, Fibrosis)

Session SSC06 **N229**

3:00–4:00 PM

Scientific Papers Sessions

Gastrointestinal (Advanced Liver Ultrasound Techniques)

Session SSE07 **S402AB**

Neuroradiology/Head and Neck (Thyroid and Parathyroid Imaging)

Session SSE18 **E351**

TUESDAY, NOV 27, 2018

Case of the Day

Ultrasound Tuesday Case of the Day

Session ED014-TU **Case of Day, Learning Center**

8:30–10:00 AM

Educational Courses

Ultrasound in the First Trimester of Pregnancy

Course RC310 **S405AB**

Challenging Cases in Body Oncologic Imaging (Interactive Session)

Course RC318 **E353A**

Evolving Perspectives on Ultrasound Safety

Course RC323 **S504AB**

Live Ultrasound Interventional Procedures: Thermal Ablation, Cyst Aspiration, Abscess Drainage, Vascular Access, Core Biopsy, Foreign Body Removal (Hands-on)

Course RC352 **E264**

8:30 AM–12:00 PM

Educational Courses

Musculoskeletal Series: Ultrasound

Course RC304 **E450A**

10:30 AM–12:00 PM

Scientific Papers Sessions

Breast Imaging (Ultrasound Screening and Diagnostic Indications)

Session SSG01 S406A

1:30–2:45 PM

Plenary Sessions

Tuesday Afternoon Plenary Session

Session PS30 Arie Crown Theater

2:00–3:30 PM

Corporate Symposium

Ultrasound Enhancing Agent Use in the Clinical Setting: An Up-to-date Overview for Your Clinical Practice: Presented by Northwest Imaging Forums, educational grant provided by Bracco Diagnostics, Inc.

Session CS36 S105D

3:00–6:00 PM

Educational Courses

Pediatric Series: Gastrointestinal/Genitourinary

Course RC413 N228

3:00–4:00 PM

Scientific Papers Sessions

Breast Imaging (US Advanced Applications)

Session SSJ02 E353C

Science Session with Keynote: Genitourinary (Benign Gynecologic Disease)

Session SSJ10 S404CD

Musculoskeletal (Muscle, Tendon and Nerve)

Session SSJ16 E353B

4:30–6:00 PM

Educational Courses

Emergency Ultrasound Pitfalls

Course RC408 S102CD

Neck Sonography: TI-RADS, Parathyroids, and Other Masses

Course RC410 N227B

Tips, Tricks and Pitfalls in Body Oncological Imaging: Experts Tell All

Course RC418 N229

US for Thyroid Cancer: Diagnosis, Surveillance, and Treatment

Course RC450 E261

Dynamic Musculoskeletal US: Clicks and Clunks of the Upper Extremity (Hands-on)

Course RC452 E264

WEDNESDAY, NOV 28, 2018

Case of the Day

Ultrasound Wednesday Case of the Day

Session ED014-WE Case of Day, Learning Center

8:00–9:00 AM

Educational Courses

ASRT@RSNA 2018: Ultrasound versus MRI for Imaging of the Female Pelvis

Course MSRT41 N230B

8:30–10:00 AM

Educational Courses

Renal and Scrotal Ultrasound with Renal Contrast and Elastography

Course RC510 E350

BI-RADS Interactive Challenge (Interactive Game)

Course RC515 N227B

Liver Elastography (Hands-on)

Course RC552 E264

8:30 AM–12:00 PM

Educational Courses

Pediatric Series: Pediatric Radiology

Course RC513 S405AB

10:30 AM–12:00 PM

Scientific Papers Sessions

Gastrointestinal (Liver Diffuse Disease, Steatosis)

Session SSK07 S402AB

3:00–4:00 PM

Scientific Papers Sessions

Gastrointestinal (Gallbladder and Bile Ducts)

Session SSM09 S503AB

Genitourinary (Pelvic Ultrasound: Male and Female)

Session SSM10 E353A

Pediatrics (Interventional Radiology)

Session SSM20 E260

4:30–6:00 PM

Educational Courses

Controversy Session: CT or MRI after Equivocal Appendix Visualization on Pediatric Ultrasound?

Session SPSC43 N226

THURSDAY, NOV 29, 2018

Case of the Day

Ultrasound Thursday Case of the Day

Session ED014-THCase of Day, Learning Center

8:30–10:00 AM

Educational Courses

Case-based Review of Musculoskeletal Radiology (Interactive Session)

Course MSCS51. S100AB

Liver and Biliary Tree, Including Doppler, Contrast, and Elastography

Course RC610 S102CD

Advanced Ultrasound Technology and Applications

Course RC623. S404CD

Live Ultrasound Interventional Procedures: Joint Injections, Cyst Aspiration, Abscess Drainage, Vascular Access, Core Biopsy, and Foreign Body Removal (Hands-on)

Course RC652. E264

1:30–3:00 PM

Educational Courses

Case-based Review of Ultrasound (Interactive Session)

Course MSCU51 E450B

3:30–5:00 PM

Educational Courses

Case-based Review of Ultrasound (Interactive Session)

Course MSCU52 E450B

4:30–6:00 PM

Educational Courses

Vascular Ultrasound and Doppler

Course RC710 N226

US-guided Interventional Breast Procedures (Hands-on)

Course RC752. E264

FRIDAY, NOV 30, 2018

8:30–10:00 AM

Educational Courses

Pediatric Sonography (Interactive Session)

Course RC813 E353B

Breast Elastography (Hands-on)

Course RC852. E264

10:30 AM–12:00 PM

Scientific Papers Sessions

Genitourinary (Imaging of Pregnancy)

Session SST04 E260

Posters and Exhibits Discussions

(CME is available when the author is present for discussion during the lunch period)

SUNDAY, NOV 25, 2018

12:30–1:00 PM

Scientific Posters

Detection of Calcification in the Breast Using Ultrasound Tomography: A Feasibility Study

PH202-SD-SUA3 Station #3

The Echogenic Appearance of the Diabetic Deltoid Muscle on Shoulder Ultrasound: Is This Simply from Adipose Tissue Infiltration, Can This Appearance Predict Type 2 Diabetes and be Used to Detect Pre-Diabetes?

MK346-SD-SUA1 Station #1

1:00–1:30 PM

Scientific Posters

3D Contrast-enhanced Ultrasound and 3D Ultrasound Molecular Imaging for Response Assessment in Models of Triple-negative Breast Cancer

PH207-SD-SUB3 Station #3

1:00–1:30 PM

Education Exhibits

Breast Elastography: How Does It Help? Interactive Case Review Including Helpful Tips for Incorporating Elastography in Your Practice

BR173-ED-SUB9 Station #9

MONDAY, NOV 26, 2018

12:15–12:45 PM

Scientific Posters

Retrospectively Evaluation of Contrast-Enhanced Ultrasound Liver Imaging Reporting and Data System on 2022 Nodules and Proposed Adjustments to Improve the Diagnostic Performance

GI342-SD-MOA5 Station #5

12:15–12:45 PM**Education Exhibits**

Pitfalls, Tricks, and Tips in the Sonographic Evaluation of Breast. What the Radiology Residents Need to Know?

BR178-ED-MOA9 **Station #9**

12:45–1:15 PM**Scientific Posters**

Does the Tumor Stiffness of Shear Wave Elastography Correlate with Tumor Hypoxia or Fibrosis of Breast Cancer?

BR235-SD-MOB1 **Station #1**

The Value of Shear Wave Elastography and Contrast Enhanced Ultrasound for Benign-Malignant Lymph Nodes Differentiation in Rabbits

PH218-SD-MOB1 **Station #1**

12:45–1:15 PM**Education Exhibits**

2018 New Trends! Axillary Ultrasound

BR187-ED-MOB12 **Station #12**

TUESDAY, NOV 27, 2018**12:15–12:45 PM****Scientific Posters**

Analysis of Background Echotexture on Automated Breast Ultrasound: Correlation with Mammographic Density

BR246-SD-TUA6 **Station #6**

The B-Mode Image-Guided Ultrasound Attenuation Parameter Accurately Detects Hepatic Steatosis in Chronic Liver Disease

GI358-SD-TUA4 **Station #4**

12:45–1:15 PM**Scientific Posters**

Comparison of Automated Breast Ultrasound (ABUS) QCAD Standalone Performance on Somo-v and Invenia Cases

BR253-SD-TUB7 **Station #7**

Quantitative Assessment of Skin Stiffness Using Ultrasound Shear Wave Elastography in Systemic Sclerosis

MK378-SD-TUB2 **Station #2**

12:45–1:15 PM**Education Exhibits**

Radiofrequency Ablation for Thyroid Nodules: Current Evidences and Future Perspectives

VI164-ED-TUB9 **Station #9**

WEDNESDAY, NOV 28, 2018

12:15–12:45 PM

Education Exhibits

Inserting Colors into the Diagnosis: When Doppler Makes the Difference in Breast Ultrasound

BR203-ED-WEA12 Station #12

12:45–1:15 PM

Scientific Posters

Ductal Carcinoma in Situ Detected on Ultrasound Only Showed More Favorable Features Than Ductal Carcinoma in Situ Detected on Mammography in Asymptomatic Women with Dense Breasts

BR262-SD-WEB2 Station #2

High-Frequency Ultrasound Evaluation of the Nail and Terminal Extensor Tendon in Psoriasis

MK391-SD-WEB2 Station #2

Transvaginal Ultrasonography with Bowel Prepare is a Useful Tool for Predicting the Surgical Staging of Endometriosis

GU245-SD-WEB6 Station #6

Utility of Targeted Ultrasound for the Evaluation of Palpable Breast Symptoms in Breastfeeding Women

BR261-SD-WEB1 Station #1

THURSDAY, NOV 29, 2018

12:15–12:45 PM

Scientific Posters

Comparison of Novel Wireless Ultrasound Transducers to Existing Diagnostic Ultrasound Machines Using the ATS Model 539 Multipurpose Phantom

GI383-SD-THA2 Station #2

12:15–12:45 PM

Education Exhibits

Non-mass Findings on Breast Ultrasound (US): Detection, Differential, Diagnosis

BR215-ED-THA11 Station #11

12:45–1:15 PM

Education Exhibits

Superficial Breast Lesions That We Need to Know

BR216-ED-THB6 Station #6

What Radiologists Should Know to Avoid Mistakes in Screening Breast US

BR007-EB-THB Hardcopy Backboard

Education Exhibits

SPACE NO.	EXHIBIT TITLE
BR124-ED-X	MRI-Detected Breast Lesions: Comparison with Second-look US Using Real-time Virtual Sonography and Histopathological Findings
BR147-ED-X	Second Look Breast Ultrasound: A Practical Approach
VI111-ED-X	Sonographic Evaluation of Dialysis Grafts and Arteriovenous Fistulas: Assessment of Graft Function and Locoregional Emergent Complications
VI115-ED-X	Reflections of the Heart: Spectral Doppler Abnormalities Indicative of Occult Cardiovascular Disease
VI119-ED-X	Surfing the Waveform: A Tutorial for Vascular Waveform Analysis from A to Z
VI123-ED-X	Ultrasound-Guided Percutaneous Core Needle Biopsy: When? Where? How?
VI131-ED-X	The Emerging Role of Contrast-Enhanced Ultrasound in Oncological Intervention

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