

RSNA® 2019
DECEMBER 1-6

Breast (Imaging and Interventional)

**RADIOLOGICAL SOCIETY
OF NORTH AMERICA**
105TH Scientific Assembly
and Annual Meeting

Meeting.RSNA.org
#RSNA19

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 94.00 *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.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit *Meeting.RSNA.org*.

Walk Through the Week

Sunday, Dec. 1, 2019

Case of the Day
Breast Sunday Case of the Day
Session ED001-SU Case of Day, Learning Center

10:15 AM–5:00 PM
Vendor Workshops
AI-based Mammography Reading: Self-guided Reading
Session: Presented by Siemens Healthineers
Session VW01 North Building, Booth 8563

50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers
Session VW05 North Building, Booth 8563

10:30 AM–12:00 PM
Educational Courses
RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)
Session SPA11 AI Showcase North Building Level 2

10:30–11:00 AM
Vendor Workshops
AI Deep Learning Radiology Assist in Reviewing ABUS Cases: Presented by GE Healthcare
Session VW34 South Building, Booth 5135

10:45 AM–12:15 PM
Educational Courses
Best Clinical Trials @ RSNA 2019
Session SPCT10E352

10:45 AM–12:15 PM
Scientific Papers Sessions
Breast Imaging (Artificial Intelligence in Screening)
Session SSA01 S406A

Breast Imaging (MRI Diagnostics)
Session SSA02 S402AB

10:45–11:45 AM
Vendor Workshops
DBT: Why Another Technology to Detect the Same Disease?: Presented by Fujifilm
Session VW79 South Building, Booth 5147

**11:00–11:45 AM****Vendor Workshops**

Efficacy in Diagnosis with Tomosynthesis in Daily Practice (En Español): Presented by Hologic, Inc.

Session VW63 South Building, Booth 5119

11:30 AM–12:00 PM**Vendor Workshops**

Personalized and Risk-Stratified Screening Using ABUS Technology: Presented by GE Healthcare

Session VW35 South Building, Booth 5135

11:40 AM–12:50 PM**Vendor Workshops**

More Confidence in Tomosynthesis Reading with Synthetic 2D Reading Session: Presented by Siemens Healthineers

Session VW13 North Building, Booth 8563

12:00–1:00 PM**Vendor Workshops**

Ongoing Measures against Breast Density Issues on Screening Mammography in Japan: Presented by Fujifilm

Session VW80 South Building, Booth 5147

12:15–1:30 PM**Vendor Workshops**

Implementing Contrast Enhanced Digital Mammography into your Practice: Presented by Hologic, Inc.

Session VW64 South Building, Booth 5119

12:30–1:00 PM**Posters and Exhibits: Discussions**

Breast Sunday Poster Discussions

Session BRS-SUA BR Community, Learning Center

12:30–1:00 PM**Vendor Workshops**

ABUS in China: Progress on the Multicenter Study: Presented by GE Healthcare

Session VW36 South Building, Booth 5135

1:00–1:30 PM**Posters and Exhibits: Discussions**

Breast Sunday Poster Discussions

Session BRS-SUB BR Community, Learning Center

1:15–2:15 PM**Vendor Workshops**

The Evolution of Digital Breast Tomosynthesis and Synthetic 2D: Presented by Fujifilm

Session VW8 South Building, Booth 5147

1:30–2:00 PM**Vendor Workshops**

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Session VW37 South Building, Booth 5135

2:00–3:30 PM**Educational Courses**

Advanced MRI Applications

Course RC115 E353C

MR Imaging-guided Breast Biopsy (Hands-on)

Course RC150 E260

2:00–3:15 PM**Vendor Workshops**

Increase Confidence and Improve Workflow Efficiencies with High Resolution Imaging Technology: Presented by Hologic, Inc.

Session VW65 South Building, Booth 5119

2:30–3:00 PM**Vendor Workshops**

AI-based Decision Support for Diagnostic Breast Ultrasound: Presented by GE Healthcare

Session VW38 South Building, Booth 5135

2:30–3:30 PM**Vendor Workshops**

The Role of Dual-angle Tomosynthesis in Assessment and Risk Situations: Presented by Fujifilm

Session VW82 South Building, Booth 5147

3:30–4:00 PM**Vendor Workshops**

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Session VW39 South Building, Booth 5135

3:45–5:00 PM**Vendor Workshops**

Clinical Perspective on 3D™ Guided Breast Biopsy and Real-Time Specimen Imaging: Presented by Hologic, Inc.

Session VW66 South Building, Booth 5119

3:45–4:45 PM**Vendor Workshops**

Contrast-enhanced Digital Mammography as an Adjunct to MRI: Presented by Fujifilm

Session VW83 South Building, Booth 5147



3:50–5:00 PM

Vendor Workshops

The Benefits of 50° Wide-Angle Tomosynthesis: Presented by Siemens Healthineers

Session VW16 North Building, Booth 8563

4:00–5:45 PM

Plenary Sessions

Sunday Afternoon Plenary Session

Session PS12 Arie Crown Theater

4:30–5:00 PM

Vendor Workshops

ABUS: A Personalized Screening Solution for Dense Breasts: Presented by GE Healthcare

Session VW40 South Building, Booth 5135

Monday, Dec. 2, 2019

Case of the Day

Breast Monday Case of the Day

Session ED001-MO Case of Day, Learning Center

8:30–9:30 AM

Corporate Symposium

High Resolution Breast Imaging: Implementation and Work-flow Optimization: Presented by Hologic, Inc.

Session CS22 S102AB

Density "Inform" and Insurance Legislation Update: Presented by Bayer

Session CS23 S105D

8:30–10:00 AM

Educational Courses

BOOST: Breast-Case-based Multidisciplinary Review (Interactive Session)

Course MSRO25 S103CD

US-guided Interventional Breast Procedures (Hands-on)

Course RC252 E264

8:30 AM–12:00 PM

Educational Courses

Breast Series: MRI

Course RC215 Arie Crown Theater

10:15 AM–5:00 PM

Vendor Workshops

AI-based Mammography Reading: Self-guided Reading session: Presented by Siemens Healthineers

Session VW02 North Building, Booth 8563

50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers

Session VW06 North Building, Booth 8563

10:30 AM–12:00 PM

Educational Courses

RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)

Session SPAI21 AI Showcase North Building Level 2

10:30 AM–12:00 PM

Scientific Papers Sessions

Physics (Breast X-Ray Imaging)

Session SSC13 S503AB

10:30–11:00 AM

Vendor Workshops

Breaking Down Barriers in AI Development for Lesion Identification in Breast Care using Ultrasound: Presented by GE Healthcare

Session VW41 South Building, Booth 5135

10:30–11:30 AM

Vendor Workshops

Differentiating DBT Implementation in Assessment Mammography: Presented by Fujifilm

Session VW84 South Building, Booth 5147

10:30–11:15 AM

Vendor Workshops

Transformative Breast US Technology: Clinical Benefits of Specialized Breast Ultrasound Systems: Presented by Hologic, Inc.

Session VW67 South Building, Booth 5119

11:30 AM–12:00 PM

Vendor Workshops

Risk-based Breast Cancer Screening and Breast Density Assessment: Presented by GE Healthcare

Session VW42 South Building, Booth 5135

11:40 AM–12:40 PM

Vendor Workshops

Integrating Tomosynthesis into your Breast Imaging Practice: Presented by Fujifilm

Session VW85 South Building, Booth 5147

11:40 AM–12:50 PM

Vendor Workshops

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Session VW18 North Building, Booth 8563



11:45 AM–12:30 PM

Vendor Workshops

Personalizing Mammography: Managing the High-risk Patient to the Dense Breast Patient: Presented by Hologic, Inc.

Session VW68 South Building, Booth 5119

12:15–12:45 PM

Posters and Exhibits: Discussions

Breast Monday Poster Discussions

Session BRS-MOA BR Community, Learning Center

12:30–1:00 PM

Vendor Workshops

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Session VW43 South Building, Booth 5135

12:45–1:15 PM

Posters and Exhibits: Discussions

Breast Monday Poster Discussions

Session BRS-MOB BR Community, Learning Center

12:50–1:50 PM

Vendor Workshops

Diagnosing Millimeter-sized Cancers with ASPIRE Cristalle: Presented by Fujifilm

Session VW86 South Building, Booth 5147

1:00–2:00 PM

Vendor Workshops

Open Discussion on the Implementation of Contrast Enhanced Digital Mammography: Presented by Hologic, Inc.

Session VW69 South Building, Booth 5119

1:30–2:30 PM

Educational Courses

BOOST: GYN/Breast

Course MSRO27 S103CD

1:30–2:30 PM

Vendor Workshops

Introduction to 3D ABUS Screening Workshop: Presented by GE Healthcare

Session VW44 South Building, Booth 5135

2:00–3:00 PM

Vendor Workshops

With DBT, Are Spots & Mags Still Needed? Presented by Fujifilm

Session VW87 South Building, Booth 5147

2:30–3:45 PM

Vendor Workshops

Clinical Perspective on 3D™ Guided Breast Biopsy and Real-time Specimen Imaging: Presented by Hologic, Inc.

Session VW70 South Building, Booth 5119

2:30–3:40 PM

Vendor Workshops

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Session VW20 North Building, Booth 8563

3:00–4:00 PM

Scientific Papers Sessions

Breast Imaging (Risk and Density)

Session SSE01 E450A

Breast Imaging (Ultrasound Screening)

Session SSE02 E451B

3:00–3:30 PM

Vendor Workshops

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Session VW45 South Building, Booth 5135

3:10–3:40 PM

Vendor Workshops

Ongoing Measures against Breast Density Issues on Screening Mammography in Japan: Presented by Fujifilm

Session VW88 South Building, Booth 5147

3:50–5:00 PM

Vendor Workshops

More Confidence in Tomosynthesis Reading with Synthetic 2D Reading Session: Presented by Siemens Healthineers

Session VW21 North Building, Booth 8563

4:00–5:00 PM

Vendor Workshops

Advanced 3D ABUS Reading Workshop: Interesting Cases: Presented by GE Healthcare

Session VW46 South Building, Booth 5135

DBT Based on Clinical Evidence (Session in SPANISH): Presented by Fujifilm

Session VW89 South Building, Booth 5147

4:15–5:00 PM

Vendor Workshops

Efficacy in Diagnosis with Tomosynthesis in Daily Practice (En Español): Presented by Hologic, Inc.

Session VW71 South Building, Booth 5119

**4:30–6:00 PM****Educational Courses**

Special Interest Session: The Best of Radiology in 2019-The Editors of Radiology Keep You Up to Date

Session SPSI21 **N227B**

Tuesday, Dec. 3, 2019**Case of the Day**

Breast Tuesday Case of the Day

Session ED001-TU **Case of Day, Learning Center**

8:30 AM–12:00 PM**Educational Courses**

Breast Series: Emerging Technologies (The In-Person Presentation is Supported by an Unrestricted Educational Grant from Hologic)

Course RC315 **Arie Crown Theater**

10:15 AM–5:00 PM**Vendor Workshops**

AI-based Mammography Reading: Self-guided Reading

Session: Presented by Siemens Healthineers

Session VW03 **North Building, Booth 8563**

50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers

Session VW07 **North Building, Booth 8563**

10:15–11:25 AM**Vendor Workshops**

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Session VW22 **North Building, Booth 8563**

10:30 AM–12:00 PM**Scientific Papers Sessions**

Breast Imaging (CESM, DBT)

Session SSG01 **S102CD**

10:30–10:50 AM**Showcase Presentations**

RSNA AI Theater: AI-powered Precision Diagnostics: Beyond Expert Level Imaging Biomarkers for Chest and Breast Imaging: Presented by Lunit

Session AI31 **AI Showcase North Building Level 2**

10:30–11:30 AM**Vendor Workshops**

Diagnosing Millimeter-sized Cancers with ASPIRE Cristalle:

Presented by Fujifilm

Session VW90 **South Building, Booth 5147**

10:30–11:45 AM**Vendor Workshops**

Increase Confidence and Improve Workflow Efficiencies with High-Resolution Imaging Technology: Presented by Hologic, Inc.

Session VW72 **South Building, Booth 5119**

10:30–11:00 AM**Vendor Workshops**

Screening Breast Ultrasound: Where Are We Today?

Presented by GE Healthcare

Session VW47 **South Building, Booth 5135**

11:30 AM–12:00 PM**Vendor Workshops**

Breaking Down Barriers in AI Development for Lesion

Identification in Breast Care using Ultrasound: Presented by GE Healthcare

Session VW48 **South Building, Booth 5135**

11:40 AM–12:40 PM**Vendor Workshops**

The Evolution of Digital Breast Tomosynthesis and Synthetic 2D: Presented by Fujifilm

Session VW91 **South Building, Booth 5147**

12:15–12:45 PM**Posters and Exhibits: Discussions**

Breast Tuesday Poster Discussions

Session BRS-TUA **BR Community, Learning Center**

12:15–1:30 PM**Vendor Workshops**

Clinical Perspective on 3D™ Guided Breast Biopsy and

Real-Time Specimen Imaging: Presented by Hologic, Inc.

Session VW73 **South Building, Booth 5119**

12:30–1:30 PM**Lunch and Learns**

Lunch and Learn: Where the AI 'Rubber' Meets the Road:

Making Deep Learning Technology Clinically Safe and Operationally Impactful for Breast Screening: Presented by Kheiron Medical Technologies (RSVP-required)

Session LL23 **S403A**

**12:30–1:30 PM****Vendor Workshops**

Introduction to 3D ABUS Screening Workshop: Presented by
GE Healthcare

Session VW49 South Building, Booth 5135

12:45–1:15 PM**Posters and Exhibits: Discussions**

Breast Tuesday Poster Discussions

Session BRS-TUB BR Community, Learning Center

12:50–1:20 PM**Vendor Workshops**

Improvements of Synthetic 2D - Case examples: Presented by
Fujifilm

Session VW92 South Building, Booth 5147

1:30–2:30 PM**Vendor Workshops**

Imaging of Triple-negative Breast Cancer: Presented by
Fujifilm

Session VW93 South Building, Booth 5147

2:00–3:15 PM**Vendor Workshops**

A Revolution in Localization: Presented by Hologic, Inc.

Session VW74 South Building, Booth 5119

2:00–2:30 PM**Vendor Workshops**

Launching a Progressive and Prosperous ABUS Program:
Presented by GE Healthcare

Session VW50 South Building, Booth 5135

2:30–3:40 PM**Vendor Workshops**

More Confidence in Tomosynthesis Reading with Synthetic 2D
Reading Session: Presented by Siemens Healthineers

Session VW25 North Building, Booth 8563

2:40–3:40 PM**Vendor Workshops**

Differentiating DBT Implementation in Assessment
Mammography: Presented by Fujifilm

Session VW94 South Building, Booth 5147

3:00–4:30 PM**Educational Courses**

RSNA AI Deep Learning Lab: Beginner Class: Classification
Task (Intro)

Session SPA133 . . . AI Showcase North Building Level 2

3:00–4:00 PM**Scientific Papers Sessions**

Breast Imaging (Quantitative Imaging and CAD)

Session SSJ01 E450A

Breast Imaging (Artificial Intelligence in Mammography)

Session SSJ02 E451B

3:00–3:30 PM**Vendor Workshops**

Automating Breast Ultrasound: A Live Experience: Presented
by GE Healthcare

Session VW51 South Building, Booth 5135

3:30–4:30 PM**Vendor Workshops**

Advanced ABUS Screening Workshop: The 3D Coronal View:
Presented by GE Healthcare

Session VW52 South Building, Booth 5135

3:45–5:00 PM**Vendor Workshops**

Implementing Contrast Enhanced Digital Mammography into
your Practice: Presented by Hologic, Inc.

Session VW75 South Building, Booth 5119

4:00–5:00 PM**Vendor Workshops**

Contrast-enhanced Digital Mammography as an Adjunct to
MRI: Presented by Fujifilm

Session VW95 South Building, Booth 5147

4:30–6:00 PM**Educational Courses**

The Newly Diagnosed Cancer: Different Viewpoints

Course RC415 E451A

4:30–5:00 PM**Vendor Workshops**

Meet the Expert: Experiences with ABUS: Presented by GE
Healthcare

Session VW53 South Building, Booth 5135

Wednesday, Dec. 4, 2019**Case of the Day**

Breast Wednesday Case of the Day

Session ED001-WE Case of Day, Learning Center

8:30–10:00 AM**Educational Courses**

BI-RADS Interactive Challenge (Interactive Session)

Course RC515 E451A



10:00–10:30 AM

Vendor Workshops

AI-based Decision Support for Diagnostic Breast Ultrasound:
Presented by GE Healthcare

Session VW54 South Building, Booth 5135

10:15 AM–5:00 PM

Vendor Workshops

AI-based Mammography Reading: Self-guided Reading
Session: Presented by Siemens Healthineers

Session VW04 North Building, Booth 8563

50° Wide-angle Tomosynthesis and Contrast-enhanced
Mammography Self-guided Reading Sessions: Presented by
Siemens Healthineers

Session VW08 North Building, Booth 8563

10:30 AM–12:00 PM

Educational Courses

Essentials of Breast Imaging

Course MSES42 S100AB

10:30 AM–12:00 PM

Scientific Papers Sessions

Breast Imaging (Tomosynthesis Screening)

Session SSK01 E451B

Breast Imaging (Ultrasound)

Session SSK02 E450A

10:30–10:50 AM

Showcase Presentations

RSNA AI Theater: AI-assisted Breast Cancer Screening-
Bringing the Winning Algorithm of the DREAM Challenge to
Production: Presented by Therapixel

Session AI41 AI Showcase North Building Level 2

10:30–11:45 AM

Vendor Workshops

Increase Confidence and Improve Workflow Efficiencies with
High Resolution Imaging Technology: Presented by Hologic,
Inc.

Session VW76 South Building, Booth 5119

10:30–11:30 AM

Vendor Workshops

Integrating Tomosynthesis into your Breast Imaging Practice:
Presented by Fujifilm

Session VW96 South Building, Booth 5147

11:00 AM–12:00 PM

Vendor Workshops

Introduction to 3D ABUS Screening Workshop: Presented by
GE Healthcare

Session VW55 South Building, Booth 5135

11:40 AM–12:50 PM

Vendor Workshops

More Confidence in Tomosynthesis Reading with Synthetic 2D
Reading Session: Presented by Siemens Healthineers

Session VW28 North Building, Booth 8563

11:40 AM–12:10 PM

Vendor Workshops

Ongoing Measures against Breast Density Issues on
Screening Mammography in Japan: Presented by Fujifilm

Session VW97 South Building, Booth 5147

12:15–12:45 PM

Posters and Exhibits: Discussions

Breast Wednesday Poster Discussions

Session BRS-WEA BR Community, Learning Center

12:15–1:30 PM

Vendor Workshops

Clinical Perspective on 3D™ Guided Breast Biopsy and
Real-Time Specimen Imaging: Presented by Hologic, Inc.

Session VW77 South Building, Booth 5119

12:20–1:20 PM

Vendor Workshops

DBT: Why Another Technology to Detect the Same Disease?
Presented by Fujifilm

Session VW98 South Building, Booth 5147

12:30–1:00 PM

Vendor Workshops

Practice Guidelines for ABUS, Automated Breast Ultrasound:
Presented by GE Healthcare

Session VW56 South Building, Booth 5135

12:45–1:15 PM

Posters and Exhibits: Discussions

Breast Wednesday Poster Discussions

Session BRS-WEB BR Community, Learning Center

1:05–2:15 PM

Vendor Workshops

The Benefits of 50° Wide-angle Tomosynthesis: Presented by
Siemens Healthineers

Session VW29 North Building, Booth 8563

**1:30–1:50 PM****Showcase Presentations**

RSNA AI Theater: iCAD's Advancements in Mammography for Cancer Detection and Risk Prediction: Presented by iCAD, Inc.

Session AI47 **AI Showcase North Building Level 2**

1:30–2:30 PM**Vendor Workshops**

Advanced 3D ABUS Reading Workshop: Interesting Cases: Presented by GE Healthcare

Session VW57 **South Building, Booth 5135**

Fujifilm's Breast Biopsy Solutions: Presented by Fujifilm

Session VW99 **South Building, Booth 5147**

2:00–3:15 PM**Vendor Workshops**

A Revolution in Localization: Presented by Hologic, Inc.

Session VW78 **South Building, Booth 5119**

2:50–3:50 PM**Vendor Workshops**

Imaging of Triple-negative Breast Cancer: Presented by Fujifilm

Session VW100 **South Building, Booth 5147**

3:00–4:30 PM**Educational Courses**

RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)

Session SPAI43 . . . **AI Showcase North Building Level 2**

3:00–4:00 PM**Scientific Papers Sessions**

Breast Imaging (Functional Imaging)

Session SSM01 **E451B**

Breast Imaging (Radiomics)

Session SSM02 **E451A**

3:00–3:30 PM**Vendor Workshops**

ABUS in China: Progress on the Multicenter Study:

Presented by GE Healthcare

Session VW58 **South Building, Booth 5135**

4:00–5:00 PM**Vendor Workshops**

DBT Based on Clinical Evidence (Session in SPANISH):

Presented by Fujifilm

Session VW101 **South Building, Booth 5147**

Advancing Breast Care Globally with ABUS through Clinical Research: Presented by GE Healthcare

Session VW59 **South Building, Booth 5135**

Thursday, Dec. 5, 2019**Case of the Day**

Breast Thursday Case of the Day

Session ED001-TH **Case of Day, Learning Center**

8:30–10:00 AM**Educational Courses**

Tomosynthesis: Case-based Interactive Challenge (Interactive Session)

Course RC615 **E350**

10:15 AM–2:00 PM**Vendor Workshops**

AI-based Mammography Reading: Self-guided Reading

Session: Presented by Siemens Healthineers

Session VW32 **North Building, Booth 8563**

50° Wide-angle Tomosynthesis and Contrast-enhanced

Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers

Session VW33 **North Building, Booth 8563**

10:30 AM–12:00 PM**Scientific Papers Sessions**

Breast Imaging (Radiomics and Radiogenomics)

Session SSQ01 **S406B**

Nuclear Medicine (Breast/General Oncology Nuclear Medicine and PET)

Session SSQ14 **S402AB**

10:30–10:50 AM**Showcase Presentations**

RSNA AI Theater: The Economic Impact of AI on

Mammography-The MD Anderson Experience: Presented by CureMetrix

Session AI51 **AI Showcase North Building Level 2**

10:30–11:00 AM**Vendor Workshops**

AI-based Decision Support for Diagnostic Breast Ultrasound:

Presented by GE Healthcare

Session VW60 **South Building, Booth 5135**

**11:30 AM–12:00 PM****Vendor Workshops**

Advancing Personalized Breast Care: Setting up the UK
BRAID Trial: Presented by GE Healthcare

Session VW61 South Building, Booth 5135

12:15–12:45 PM**Posters and Exhibits: Discussions**

Breast Thursday Poster Discussions

Session BRS-THA BR Community, Learning Center

12:30–1:00 PM**Vendor Workshops**

Automating Breast Ultrasound: A Live Experience: Presented
by GE Healthcare

Session VW62 South Building, Booth 5135

12:45–1:15 PM**Posters and Exhibits: Discussions**

Breast Thursday Poster Discussions

Session BRS-THB BR Community, Learning Center

1:30–3:00 PM**Educational Courses**

Case-based Review of the Breast (Interactive Session)

Course MSCB51 N230B

3:00–4:00 PM**Educational Courses**

Hot Topic Session: Management of the Axilla-Biopsy and
Staging

Session SPSH51 E353C

Hot Topic Session: Imaging of Traumatic Brain Injury-Present
and Future

Session SPSH54 E451A

3:30–5:00 PM**Educational Courses**

Case-based Review of the Breast (Interactive Session)

Course MSCB52 N230B

4:30–6:00 PM**Educational Courses**

New Science: A Bridge to Breast Cancer Screening

Course RC715 S102CD

MR Imaging-guided Breast Biopsy (Hands-on)

Course RC750 E260

Breast Elastography (Hands-on)

Course RC752 E264

Friday, Dec. 6, 2019**8:30–10:00 AM****Educational Courses**

The Neoadjuvant Patient

Course RC815 E352

10:30 AM–12:00 PM**Scientific Papers Sessions**

Breast Imaging (Interventional and Pathological Correlation)

Session SST01 E450A

**Posters and Exhibits
Discussions**

*[CME is available when the author is present for discussion
during the lunch period]*

Sunday, Dec. 1, 2019**12:30–1:00 PM****Scientific Posters**

Association of the Kaiser Score with Invasiveness of Breast
Cancer: Could it Provide Actionable Information?

BR258-SD-SUA5 Station #5

Diagnostic Performance of HHUS in Differentiating Benign
and Malignant Complex Cystic and Solid Breast Lesions

BR223-SD-SUA3 Station #3

Mammography Performance Benchmarks in a Population-
Based Screening Cohort of One Million Digital Examinations

BR257-SD-SUA4 Station #4

MRI Radiomics Signature: Association with Disease-Free
Survival in Patients with Triple Negative Breast Cancer

BR224-SD-SUA1 Station #1

We Are All SO Dense: The Continuing Challenge of
Mammographic Density Assessment

BR222-SD-SUA2 Station #2

12:30–1:00 PM**Education Exhibits**

BI-RADS 5 – NOT!

BR191-ED-SUA8 Station #8

Imaging Features and Biopsy Techniques of Internal Mammary
Lymph Nodes in Breast Cancer

BR192-ED-SUA9 Station #9



Risk-y Business: ATMs to CHEKs: Understanding Risk of Breast Cancer in Patients with Genetic Mutations

BR189-ED-SUA6 **Station #6**

The Picture is Clear: Acoustic Parameters in Breast Ultrasound (A Primer for Residents and Fellows)

BR190-ED-SUA7 **Station #7**

1:00–1:30 PM

Scientific Posters

Assessment of Perfusion Parameters and Enhancing Characteristics of Breast Cancer on Dynamic Contrast Enhanced Magnetic Resonance Imaging (DCE-MRI)

BR226-SD-SUB3 **Station #3**

Combined Use of Automated Volumetric Analysis of Breast Cancer Vascularization, Machine Learning and MRI: A Perfect Trio to Predict Survival Outcome in Breast Cancer Patients?

BR221-SD-SUB1 **Station #1**

In the National Mammography Database (NMD), BI-RADS 3 Lesions Are Suspicious in Women with a Personal History of Breast Cancer

BR259-SD-SUB4 **Station #4**

Mammographic Mean Glandular Dose in the Implant Displaced View: Proceed with Caution

BR225-SD-SUB2 **Station #2**

Unenhanced Breast Cancer Screening with Diffusion Weighted MRI: Increased Image Quality and Lesion Visibility Using Synthetic b-Values

BR260-SD-SUB5 **Station #5**

1:00–1:30 PM

Education Exhibits

Beyond BI RADS: Non-Mass Lesions (NMLs) on Breast Ultrasonography -Concept and Clinical Relevance

BR193-ED-SUB6 **Station #6**

Everything but BRCA: Imaging Hereditary Breast Cancer Genes

BR196-ED-SUB9 **Station #9**

Missteps in Mammography and Approaches to Avoid Them

BR195-ED-SUB8 **Station #8**

Radiological Findings After Breast Lipofilling: What Radiologists Need to Know

BR194-ED-SUB7 **Station #7**

Monday, Dec. 2, 2019

12:15–12:45 PM

Scientific Posters

Association of Average Glandular Dose Difference with Breast Cancer Risk: A Pilot Study

BR229-SD-MOA3 **Station #3**

Learning Effective Radiomic Features for Characterization of Breast Lesions with Multi-b Diffusion-Weighted MR Imaging

BR253-SD-MOA6 **Station #6**

Measurement Error Due to Terminal Digit Preference in Breast Cancer Tumor Diameter Reporting: A Population-Based Study

BR227-SD-MOA1 **Station #1**

Supplementary Screening Axillary After Breast Cancer Surgery in Clinically and Mammographically Negative Patients

BR252-SD-MOA5 **Station #5**

The Study of Image Quality and Radiation Dosage with Patient-Assisted Compression in Mammography

BR228-SD-MOA2 **Station #2**

Tissue Sound Speed is More Strongly Associated with Breast Cancer Risk than Mammographic Percent Density: A Comparative Case-Control Study

BR251-SD-MOA4 **Station #4**

12:15–12:45 PM

Education Exhibits

False Negatives and Missed Opportunities on Breast MRI: How Can We Do Better?

BR198-ED-MOA8 **Station #8**

Knack for the NAC: A Comprehensive Review of the Nipple-Alveolar Complex (NAC)

BR197-ED-MOA7 **Station #7**

Malignant Papillary Tumors of the Breast: Radiologist's Role for a Complete Diagnostic Assessment

BR199-ED-MOA9 **Station #9**

12:45–1:15 PM

Scientific Posters

Assessment of Residual Breast Cancer After Neoadjuvant Chemotherapy by Using Texture Analysis of Dynamic Contrast-Enhanced MRI

BR256-SD-MOB6 **Station #6**

Automatic 3D Segmentation of Breast MR T1 Images Using 3D Convolutional Neural Network

BR231-SD-MOB2 **Station #2**



Impact of Native and Artificially Improved AI-Based CADx on Breast US Interpretation

BR254-SD-MOB4 Station #4

Positive Predictive Value for Malignancy of the Molecular Breast Imaging Lexicon

BR230-SD-MOB1 Station #1

Relative Mammographic Density Quantification: Deep Learning and Elo Rating

BR255-SD-MOB5 Station #5

Shear Wave Elastography for Early Prediction of Response to Neoadjuvant Chemotherapy in Patients with Invasive Breast Cancer

BR232-SD-MOB3 Station #3

12:45–1:15 PM

Education Exhibits

A Pictorial Review of Breast Procedures Complications

BR201-ED-MOB8 Station #8

RECIST Applied to Breast MRI: The Real Life

BR202-ED-MOB9 Station #9

Unusual Breast Implant-Associated Complications and Pathology Correlation

BR200-ED-MOB7 Station #7

Tuesday, Dec. 3, 2019

12:15–12:45 PM

Scientific Posters

Contrasted Bilateral Network: Explore How Expert Knowledge Can Benefit Deep Learning Model in Mammogram Mass Detection

BR268-SD-TUA7 Station #7

Diffusion Tensor MRI in the Diagnostic Workup of Pregnancy Associated Breast Cancer (PABC): Clinical and Technical Considerations

BR265-SD-TUA4 Station #4

Independent Validation of Diagnostic Machine Learning Radiomics on a Large Clinical Dataset of Consecutive Breast MRIs

BR235-SD-TUA3 Station #3

Overweighting of Individual Outcomes is the Main Source of Base Rate Neglect in Mammography

BR233-SD-TUA1 Station #1

Perceived Realism of Generative Adversarial Network-Derived Synthetic Mammograms

BR266-SD-TUA5 Station #5

The Usefulness of Bayesian Network in Assessment of Triple-Negative Breast Cancer Risk

BR234-SD-TUA2 Station #2

Weakly-Supervised Deep-Learning Modeling on Sub-Volumes for Pre-Assessment of Digital Breast Tomosynthesis

BR267-SD-TUA6 Station #6

12:15–12:45 PM

Education Exhibits

Abbreviated Breast MRI: Past, Present, and Future

BR205-ED-TUA10 Station #10

Breast Radiotherapy: What the Breast Radiologist Should Know

BR203-ED-TUA8 Station #8

How Artificial Intelligence May Help Improve Accuracy and Reading Times in the Interpretation of Digital Breast Tomosynthesis Screening Studies

BR204-ED-TUA9 Station #9

12:45–1:15 PM

Scientific Posters

Developing an Artificial Intelligence Algorithm Pipeline for Predicting Malignancy Risk for Mammographic Microcalcifications Leveraging the ACR Data Science Institute (DSI) Use Case Library

BR271-SD-TUB6 Station #6

Qualitative Analysis of the Intensity and Patterns of Enhancement on Contrast-Enhanced Spectral Mammography

BR272-SD-TUB7 Station #7

Quantitative Analysis of Background Parenchymal Enhancement in Breast MRI May be Predictive of Breast Cancer Risk

BR269-SD-TUB4 Station #4

Radiation Dose Reduction in Digital Mammography by Image Reconstruction Using Deep Learning Algorithm: Clinical Evaluation

BR237-SD-TUB2 Station #2

Tissue Sound Speed: A Novel Imaging Biomarker for Measuring Tamoxifen Response

BR238-SD-TUB3 Station #3

Whole-Breast Malignancy Rating for MRI Using Deep Learning

BR270-SD-TUB5 Station #5

12:45–1:15 PM

Education Exhibits

Beware the Axillae: Presentations of Breast Cancer Recurrence in the Axilla

BR206-ED-TUB8 Station #8



Help Your Pathologist Help You: Successfully Arriving at a
Diagnosis on Breast Biopsy

BR207-ED-TUB9 Station #9

Mixed and Purely Hyperechoic Breast Lesions: A Radiologic-
Pathologic Review

BR208-ED-TUB10 Station #10

Wednesday, Dec. 4, 2019

12:15–12:45 PM

Scientific Posters

3D Printing of Whole Breast and Individual Breast Tissue

Types based on Transmission Ultrasound

BR273-SD-WEA4 Station #4

Breast Invasive Ductal Carcinoma: Preoperative Predictive
Ki-67 Index Based on Radiomics of MRI

BR240-SD-WEA2 Station #2

Comparative Radiomics Analysis of Contrast-Enhanced
Mammography and Magnetic Resonance Imaging for
Differentiation of Tumor Invasiveness, Hormone Receptor
Status, and Tumor Grade in Breast Cancer Patients

BR276-SD-WEA7 Station #7

Low Dose Molecular Breast Imaging (MBI) in Multidisciplinary
Patient Care: Initial Clinical Experience

BR274-SD-WEA5 Station #5

Morbidity of Breast Cancer as a Function of Screening
Interval: Annual versus Biennial

BR275-SD-WEA6 Station #6

Using Generative Adversarial Networks (GANs) to Synthesize
and Remove Lesions in X-Ray Mammograms Improves
AI-Based Cancer Detection

BR241-SD-WEA3 Station #3

Utility and Outcomes of Digital Mammography for Imaging
Asymptomatic Autologous Flap Reconstructions after
Mastectomy

BR239-SD-WEA1 Station #1

12:15–12:45 PM

Education Exhibits

An Unusual Package From Amazon: Atypical Breast Cancers

BR209-ED-WEA8 Station #8

Breast Cancer Imaging and Risk Profiles in Women with
Moderate Risk Genetic Mutations: A Case-Based Review

BR210-ED-WEA9 Station #9

Test Yourself! MR Evaluation of Response to Neoadjuvant
Therapy

BR211-ED-WEA10 Station #10

12:45–1:15 PM

Scientific Posters

A Radiogenomics Approach to Predicting Immune and
Stromal Cell Line Invasion in Breast Cancer Lesions

BR279-SD-WEB6 Station #6

Are There Differences in 18F-FDG PET-MRI Imaging
Biomarkers of Contralateral Healthy Tissue between Patients
with Benign and Malignant Breast Lesions?

BR277-SD-WEB4 Station #4

Correlation of Female Hormone Levels with Quantitative BPE
and ADC Values in Breast Cancer Patients: The Effect of BPE
and ADC Values on Cancer Detectability

BR244-SD-WEB3 Station #3

Management and Outcomes of One-View Architectural
Distortions Seen on Screening Breast Tomosynthesis

BR243-SD-WEB2 Station #2

Role of the Anchoring and Adjustment Heuristic in
Radiological Decision-Making

BR242-SD-WEB1 Station #1

Screening Mammography with Digital Breast Tomosynthesis
in Women Aged 40–54: Is It Effective or Harmful?

BR280-SD-WEB7 Station #7

Whole Breast Tissue Characterization with Ultrasound
Tomography

BR278-SD-WEB5 Station #5

12:45–1:15 PM

Education Exhibits

Putting the Pieces Together: Multimodality Review of Puzzling
Benign Breast Lumps

BR213-ED-WEB9 Station #9

Stromal Fibrosis: A Diagnostic Challenge for Radiologists

BR212-ED-WEB8 Station #8

Trials and Tribulations in the Early Implementation of an
Abbreviated Screening Breast MR Program

BR214-ED-WEB10 Station #10

Thursday, Dec. 5, 2019

12:15–12:45 PM

Scientific Posters

A Machine Learning Approach to Radiogenomics of Breast
Cancer to Predict Prognostic Biomarkers Using Low-Dose
Perfusion Breast CT

BR247-SD-THA3 Station #3



A Radiomics Approach to Classification of Fibroepithelial Lesions on Breast Ultrasonography

BR262-SD-THA5 **Station #5**

Low-Dose Imaging Technique (LITE) MRI: Introduction of a Reduced-Dosage Dynamic Contrast-Enhanced MRI Technique in Breast Imaging

BR246-SD-THA2 **Station #2**

The Crowd-Within Effect in Expert Radiologists: Independent Ratings of the Same Case Lead to Better Performance in Mammography Diagnosis

BR245-SD-THA1 **Station #1**

Trends in Use of Percutaneous versus Open Surgical Breast Biopsy: An Update

BR261-SD-THA4 **Station #4**

12:15–12:45 PM

Education Exhibits

Abbreviated and Ultrafast Breast Magnetic Resonance Imaging (MRI) in Clinical Practice: What the Radiologist Needs to Know

BR215-ED-THA6 **Station #6**

Breast MR Imaging Response to Neoadjuvant Chemotherapy: Learning through Pathology Correlation

BR216-ED-THA7 **Station #7**

Collecting Pearls: An Interactive Review of Breast Cancer Staging

BR217-ED-THA8 **Station #8**

12:45–1:15 PM

Scientific Posters

False Negative in Digital Mammography with Tomosynthesis in Clinically Appreciable Nodular Lesions Over One Centimeter in Size: Histo-Pathological Correlation

BR248-SD-THB1 **Station #1**

Machine Learning Model Generalizes Across Manufacturers and Clinical Sites

BR250-SD-THB3 **Station #3**

Preoperative Prediction of Regional Lymph Node Metastasis of Breast Cancer by Radiomics of DCE-MRI with an Ensemble of Deep Learning Models

BR263-SD-THB4 **Station #4**

Staging Nodal Ultrasound in Breast Cancer: Can Metastases Skip Contiguous Nodal Basins or Do They Always Follow Expected Pathways?

BR249-SD-THB2 **Station #2**

Usefulness of Imaging Findings in Predicting Tumor Infiltrating Lymphocytes in Patients with Invasive Breast Cancer

BR264-SD-THB5 **Station #5**

12:45–1:15 PM

Education Exhibits

Developing Asymmetries without Sonographic Correlates: Our Experience, Teaching Points, and Review of Literature

BR218-ED-THB6 **Station #6**

Make RHEUM for Breast Disease

BR220-ED-THB8 **Station #8**

Papillary Lesions of the Breast Diagnosed at Percutaneous Biopsy: Is Surgery Mandatory?

BR219-ED-THB7 **Station #7**

Education Exhibits

SPACE NO.

EXHIBIT TITLE

BR001-EB-X

Seeing More Clearly: Improving Mammography Interpretive Performance through Pictorial Review of Common Causes of False Negative Mammography with Standard 2D Mammography (DM) and 3D Digital Breast Tomosynthesis

BR002-EB-X

Incidental Breast Findings on Chest CT: When to Worry

BR003-EB-X

Variable Imaging Appearances of Fat Necrosis and Autologous Fat Injections in the Era of Breast Conserving Therapy and Variable Mastectomy Approaches: A Multimodality Approach

BR004-EB-X

Complications of Long-Standing Diabetes in Breast Radiology: Diagnostic Pearls and Imaging Spectrum of Associated Mastopathy

BR100-ED-X

Breast Enlargement: A Radiopathological Pictorial Review and Diagnostic Work-Up

BR101-ED-X

Demystifying Breast MRI: A Pictorial Review of the ACR BI-RADS MRI Lexicon and Reporting

BR102-ED-X

Wireless Localization of Non-Palpable Breast Lesions: Techniques, Limitations, Pitfalls and Solutions

BR103-ED-X

Endocrinology in Benign Breast Disease: What the Breast Radiologist Needs to Know



BR104-ED-X	Large Masses in Young Women: A Pictorial Review	BR122-ED-X	Contrast-Enhanced Mammography: Current Indications and Future Directions
BR105-ED-X	A Delivery from Amazon: Metastases to the Breast	BR123-ED-X	The Skinny on Cutaneous Disorders of the Breast
BR106-ED-X	Imaging Inflammatory Conditions of the Breast: Radiopathological Pictorial Review	BR124-ED-X	Male Breast: Gynecomastia and Beyond
BR107-ED-X	Biomarkers in Breast Imaging	BR125-ED-X	How Identify and Report Breast Gossypiboma: Medicolegal Obligations
BR108-ED-X	EQUIP: What, Why and How?	BR126-ED-X	Percutaneous Management of Breast Abscesses by US-Guided Catheter Drainage and Daily Aspiration without Sterile Saline Irrigation
BR109-ED-X	Imaging the Post Mastectomy and Post Implant Breast: Challenges and Pitfalls	BR127-ED-X	Morphea of the Breast and Its Mimickers
BR110-ED-X	Rules of Engagement: Implementing Student-Centered Learning in the Breast Imaging Medical Student Elective	BR128-ED-X	Interactive Mammography Outcomes Audit
BR111-ED-X	A Pictorial Review of Electromagnetic Wave Reflector Breast Localization Device Placement Techniques	BR129-ED-X	Adding Value: An Easy Guide to the FDA's EQUIP Initiative
BR112-ED-X	Imaging Spectrum of Breast Augmentation in Native and Post-Mastectomy Breast and Common Complications: A Pictorial Review	BR130-ED-X	False Negative Lesions of Breast Cancer: The Variable Features in Previous MRI
BR113-ED-X	Outside the Breast: Findings in the Periphery of Breast Imaging	BR131-ED-X	Breast Edema Terminology: To Standardize the Language of T2WI Breast MRI
BR114-ED-X	MRI Features of Breast Implant-Associated Anaplastic Large Cell Lymphoma: A Pictorial Review	BR132-ED-X	Contrast Enhanced Mammography versus Dynamic Contrast-Enhanced MRI: Which is Right for Who?
BR115-ED-X	Dynamic Duo: Imaging the Pregnant and Lactating Patient	BR133-ED-X	Multigene Panels: What are they and How are they used in Breast Cancer?
BR116-ED-X	The Role of Ultrasound in Predicting the Molecular Subtype of Breast Cancer: A Guide for Trainees and Experts Alike	BR134-ED-X	Digital Breast Tomosynthesis: An Update on the State of the Technology, Evidence, and Clinical Practice
BR117-ED-X	Catch Me Before I Go Invasive! The Role of Ultrasound in Depicting Calcified and Non-Calcified DCIS	BR135-ED-X	Breast Density Included in the Modern Rules of Mammographic Screening
BR118-ED-X	Invasive Lobular Carcinoma, the Great Imitator of the Breast: A Practical Multimodality Diagnostic Guide for Residents	BR136-ED-X	Digital Breast Tomosynthesis: Where Does It Fail?
BR119-ED-X	Complex Cystic and Solid Masses of the Breast: Friend or Foe?	BR137-ED-X	Axillary "Calcifications" - Oh My!
BR120-ED-X	Looking Beyond Your Limitations: Diagnosing Malignancy in the Augmented Breast	BR138-ED-X	Spectrum of Imaging Findings in Breast Cancer Recurrence
BR121-ED-X	Problem Solving with Breast MRI	BR139-ED-X	Is it Breast Cancer? Breast Imaging and Pathology Correlation of Incidental Breast Findings Identified on CT
		BR140-ED-X	Inflammatory Breast Cancer (IBC): What Radiologists Know and What We Need to Learn
		BR141-ED-X	Will You Pass the Test? A Diagnostic Strategy for Breast MRI Interpretation



BR142-ED-X	Assessment of Extent of Disease with Breast MRI Pitfalls for Residents	BR158-ED-X	Stationary Digital Breast Tomosynthesis: An Alternative Scanning Method
BR143-ED-X	The New Era for Breast Cancer Screening: Abbreviated Breast Magnetic Resonance Imaging	BR159-ED-X	More is Best: Optimising Reader Protocol
BR144-ED-X	A Primer on Machine Learning and Artificial Intelligence Applications in Breast Imaging	BR160-ED-X	Dreadful Tuberculosis Affecting the Mammary Tissue
BR145-ED-X	Digital Breast Tomosynthesis Guided Interventions: How We Do It	BR161-ED-X	What We Missed with DBT: Lessons Learnt
BR146-ED-X	Not Another CESM Poster: Implementation in a Rapid Diagnostic Circuit and Radiopathological Correlation	BR162-ED-X	Preventing Physician Burnout in Breast Imaging: Scope of the Problem and Keys to Success
BR147-ED-X	To Scan or Not to Scan, that is the Question: Role of Breast MRI in Cancer Staging	BR163-ED-X	Breast Injectables: The Aunt Minnies and the Head-Scratchers
BR148-ED-X	Imaging of Breast Pathologies in Pregnancy and Lactation	BR164-ED-X	Don't Judge a Pie by Its Crust: Appearances Can Be Deceiving in Breast Imaging
BR149-ED-X	Implant Associated Complications: Spectrum of Imaging Findings from Benign to Malignant	BR165-ED-X	More Than What Meets the Eye: Benign and Malignant Cutaneous Lesions of the Breast
BR150-ED-X	How Can Radiologists Help Surgeons in the Assessment of the Axilla? Ultrasound-guided Localization of Axillary Lymph Nodes Using Activated Charcoal Before Neoadjuvant Chemotherapy in Breast Cancer Patients	BR166-ED-X	Can Contrast-Enhanced Spectral Mammography (CESM) Replace MRI Breast as a Tool to Assess Disease Extent in Lobular Breast Carcinomas: Our Experience in a District General Hospital
BR151-ED-X	Get it Off Your Breast: Differential Diagnosis of Superficial Breast Lesions	BR167-ED-X	Integrating Digital Breast Tomosynthesis into a Hybrid Academic-Private Practice
BR152-ED-X	Diffusion-Weighted Imaging (DWI) and ADC Features of Triple Negative Breast Cancer (TNBC) Pre and Post Neoadjuvant Chemotherapy	BR168-ED-X	Quality Assessment of the BI-RADS 3 Classification and Utility of a BI-RADS 3 Audit
BR153-ED-X	Beware! It's Not a Malignant Lesion, it's a Charcoal Granuloma: Pictorial Review	BR169-ED-X	To Be or Not to Be: An Approach to Assessment and Management of BI-RADS Category 3 and 4 Breast Masses
BR154-ED-X	Clinical and Radiological Approach to Different Causes of Mastitis	BR170-ED-X	An Educational Perspective: Surveillance Following Breast Conservation Therapy
BR155-ED-X	Non-Contrast-Enhanced Breast MR Screening for Women with Dense Breasts	BR171-ED-X	Are We Ready to Substitute Synthesized Mammography for Full-Field Digital Mammography?
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BR157-ED-X	Novel Image-Guided Micro-Invasive Percutaneous Treatments of Breast Lesions: Where Do We Stand?	BR173-ED-X	Breast Cancer Recurrence: Diagnostic Guide - What Residents Need to Know About Frequent Imaging Findings and Their Correct Interpretation
		BR174-ED-X	Multimodality Shakedown of the Retromammary Fat: What is it Smuggling?



- BR175-ED-X** Prognostic Staging: The New Method for Staging Breast Cancer
- BR176-ED-X** Expanding the Differential Diagnosis of Malignant Breast Neoplasms: Going from the Ordinary to the Extraordinary - A Multi-Modality Imaging Approach with Histopathology Correlation
- BR177-ED-X** Young at Breast: Unique Features of Breast Cancer in Young Women
- BR178-ED-X** I've Got this Feeling: A Radiology-Pathology Review of Benign and Malignant Palpable Masses Following Mastectomy
- BR179-ED-X** How to Get Away with Breast MRI Guided Biopsy: A Guide for a Good Rad-Path Correlation
- BR180-ED-X** Breast MRI: Identification of Malignancy in the Lactating Patient
- BR181-ED-X** A-Z of HER 2 Breast Cancer
- BR182-ED-X** The Word Soup of Artificial Intelligence (AI): Basics of AI for the Breast Imager
- BR183-ED-X** The More the Messier: Diagnostic and Management Challenges in Multiple Papillomatosis of the Breast
- BR184-ED-X** Basic Knowledge in Breast Therapies: Improving Radiologists Skills to Keep Them Essential in the AI Era
- BR185-ED-X** Breast Imaging in Women with Neurofibromatosis 1 (NF1): What is the Role for Enhanced Screening?
- BR186-ED-X** Evaluation of Breast Implants by Traditional Methods, Mammography, and Ultrasonography: When Suspicious of Rupture
- BR187-ED-X** Not Blind Enough: What Radiologists Need to Know to Avoid Over-Reporting Implant Failures Magnetic Resonance Imaging
- BR188-ED-X** What the...? in the Breast: A Radiologic-Pathologic Review of Uncommon Breast Pathologies and Their Clinical Implications

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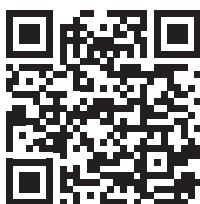
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