

MEETING PREVIEW



*The complete meeting now **ON DEMAND** with credit!*



Dear Colleague,

Join us for the 2019 Annual Meeting in Honolulu, Hawaii, May 5–10, to connect, learn, and advance with leading radiology professionals from across the world! As radiology advances in the midst of a changing healthcare environment, the need for *trusted* education and *true* professional connections is greater than ever—making the ARRS Annual Meeting the perfect opportunity to advance your skills and career.

ARRS is committed to providing an unparalleled learning and networking experience at our Annual Meeting—one that allows participants to engage in professional dialogue that enhances their skill and advances medical imaging. The 2019 Annual Meeting program includes an array of courses taught by renowned faculty who will share insights that you can implement in your daily practice, including:

Subspecialist Tips for the Multispecialist, a Categorical Course providing a clinically-focused update on the most current imaging guidelines, terminology, and disease classifications across the subspecialties

Pitfalls, Variants, and Pseudolesions: How to Avoid Misdiagnosis, our second Categorical Course emphasizing real-life clinical scenarios with tips and tricks to optimize study performance and interpretation

The 2019 Global Exchange Featuring Asia, *Comparing and Contrasting the Role of Imaging in Common Cancers*, with international experts from the United States and Global Exchange countries

The Radiology Review Track, combining rapid-fire case reviews with didactic lectures across all the subspecialties

On behalf of ARRS, I invite you to join us at the 2019 ARRS Annual Meeting in Honolulu, Hawaii, for what promises to be an extraordinary learning experience.

Philip Costello, MD
ARRS President

Annual Meeting Features

- *Two Categorical Courses—Pitfalls, Variants, and Pseudolesions: How to Avoid Misdiagnosis and Subspecialist Tips for the Multispecialist*
- *Radiology Review Track included with general registration fee*
- *Sessions on demand and electronic exhibits—many offering credit*
- *Global Exchange Featuring Asia*
- *More credit than ever—over 200 CME*



MEETING REGISTRATION

Register by the early-bird deadline, March 1, to receive the lowest rates! After this date, registration rates will increase.

REGISTER

Online: www.arrs.org/meeting

By Fax: 703-729-4839

By Mail: ARRS, PO Box 418863, Boston, MA 02125-8863

QUESTIONS?

Phone: 866-940-2777 or 703-729-3353

Email: meeting@arrs.org

Office Hours: Monday–Friday 8:30 am–5:00 pm
Eastern Time Zone

The Complete Meeting ON DEMAND

View session recordings, electronic exhibits, and more online—anytime, anywhere. And now with our enhanced on-demand features, you can earn credit for every Annual Meeting session until August 2, 2019.

Important DEADLINES

Early-Bird Registration:

MARCH 1

Regular Registration:

APRIL 3

Hotel Reservation:

APRIL 10

Late Registration (Online Only):

MAY 10

Claim Credit for Live and
On-Demand Activities

AUGUST 2

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Only In Honolulu



Join us and immerse yourself in the heart of Hawaii and all that the fascinating island of Oahu has to offer. Don't miss your chance to:

- Dine at some of the island's finest restaurants
- Relax on the beautiful shore of Waikiki Beach
- Enjoy stunning views from the top of Diamond Head
- Reflect near the sunken USS *Arizona* in Pearl Harbor
- Explore stunning jungles and waterfalls like Manoa Falls
- And much more!

Connection Quad

The Connection Quad is the place to be. It is the central gathering place to network with colleagues and leaders, socialize with friends, discover the latest products and services, and enjoy **free lunches and beverage breaks** Sunday through Thursday.

Form Connections

The ARRS Annual Meeting is designed to provide attendees with unique networking opportunities to form real, face-to-face connections. Talk with world-renowned faculty during beverage breaks, have lunch with decision makers, and share information and network with peers.

Meeting registration includes lunch Sunday–Thursday!



Stay at the Center of Networking

ARRS has secured discounted rooms for Annual Meeting attendees at two of Honolulu's premier hotels—**Sheraton Waikiki** and **The Royal Hawaiian**. These scenic properties will put you at the center of networking and steps away from Waikiki Beach, world-class shopping, exceptional cuisine, and ARRS shuttles to the Hawaii Convention Center. You can reserve your room after you register for the Annual Meeting. Learn more about these hotels and how to reserve your discounted room on pages 24–25.



Meeting Overview



Hawaii Convention Center



The Annual Meeting will take place at the Hawaii Convention Center, located in Honolulu, Hawaii, just steps from it all—dining, Waikiki Beach, world-class shopping, and more.

145 Sessions

From Instructional Courses and Scientific Sessions, to early morning Power Hours, the ARRS Annual Meeting offers a variety of sessions across the spectrum of radiology to meet your professional needs.

Power Hours—Authors will present their award-winning Electronic Exhibits at these 1-hour oral presentations.

Instructional Courses—Practice-based presentations on specific radiology topics will be delivered by expert faculty.

Scientific Sessions—Oral presentations on scientific papers will provide the latest research in medical imaging.

Categorical Courses—Participate in one or both Categorical Courses: *Pitfalls, Variants, and Pseudolesions: How to Avoid Misdiagnosis* and *Subspecialist Tips for the Multispecialist*. Due to the nature of these courses, a separate registration fee is required in addition to your general registration fee.

Subspecialty Areas

- Breast Imaging
- Cardiac Imaging
- Chest Imaging
- Emergency Radiology
- Gastrointestinal Imaging
- Genitourinary Imaging
- Musculoskeletal Imaging
- Neuroradiology
- Noninterpretive Skills
- Nuclear Medicine
- Pediatric Imaging
- Ultrasound
- Vascular and/or Interventional Radiology

More than 500 Electronic Exhibits

Many Offering Credit

Hundreds of educational and scientific electronic exhibits are available on demand to enhance your core diagnostic skills. Select exhibits offer CME/SAM-CME credit.

More than 200 CME Opportunities

The ARRS Annual Meeting offers ample opportunity to earn credit across a variety of platforms. All live sessions are eligible for CME and select sessions offer SAM credit. If you can't make a session, don't worry. You can view session recordings and earn credit on demand. You can also earn credit on demand with select Electronic Exhibits.

More Learning Opportunities

Exceptional learning opportunities are around every corner at the ARRS Annual Meeting, including Daily Cases, Lunch Symposia, Abstracts, and Commercial Exhibits.

Visit www.arrs.org/meeting to view more information about the meeting.

Featured Educational Tracks

Radiology Review Track

Available at no additional cost!

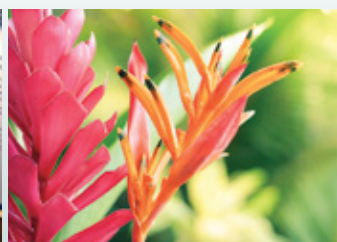
This track offers a broad review of cases across 11 subspecialties. Each session addresses one subspecialty and contains 60 minutes of case review and 30 minutes of didactic lecture. The rapid-fire case review will provide an even more comprehensive review of cases with limited differential diagnoses. Registrants can participate in these sessions at no additional cost—it's all part of your general registration fee.

Resident Track

This track will highlight content of particular value to in-training radiologists and will cover a wide variety of subspecialty domains, physics problems, and noninterpretive skills.



The ARRS Annual Meeting offers courses that are approved as part of the Academy of Radiology Leadership and Management Program (ARLM). Find approved ARLM courses at www.arrs.org/meeting.



“Incredible programs within every subspecialty of radiology.”

—Jonathan Lewin, MD, Emory University

The complete meeting now **ON DEMAND** *with credit.*

The ARRS Annual Meeting offers an abundance of learning and networking opportunities, and now with our enhanced on-demand features you don't have to choose. Experience every session and maximize your credit opportunities.



Electronic Exhibits

Select exhibits offer credit on demand!

Electronic Exhibits covering educational and scientific topics across 13 subspecialties will be available on demand May 5–August 2, 2019. Simply view the exhibits and answer the corresponding questions to earn your credit.



Access the complete meeting—anytime, anywhere!

Session Recordings On Demand

Credit on demand for every session.

View recordings of every Annual Meeting session for three months following the meeting and earn credit on demand. Simply view the recordings and complete the evaluations to earn your credit. You can even earn Self-Assessment Credit for select sessions. Session recordings and credit on demand will be available through August 2, 2019.

“It has all the things that are relevant to me in a practical format.”

—Stamatia Destounis, MD, Elizabeth Wende Breast Care, LLC

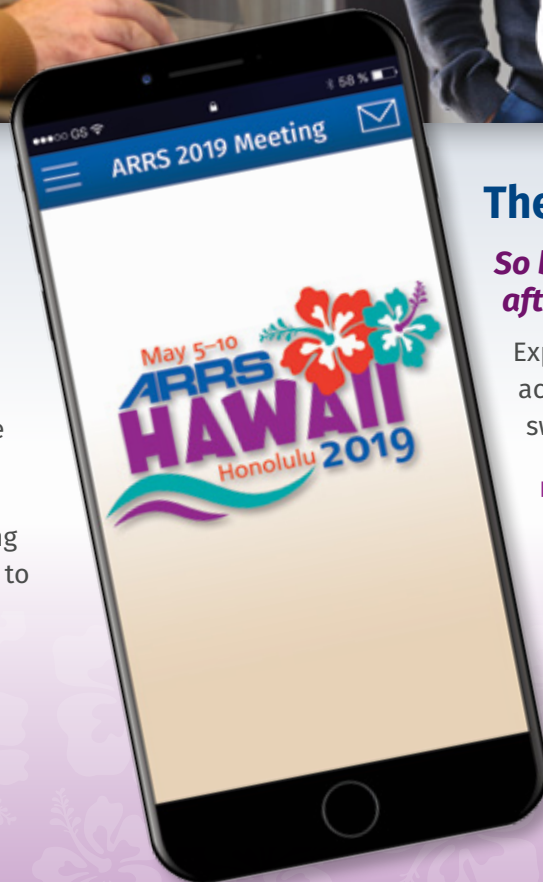
**Available to
Annual and Virtual Meeting
attendees!**



Groundbreaking Research

Search hundreds of abstracts by author, keyword, or subspecialty, and dive into original research. The 2019 Abstracts will be available to view May 5–August 2, 2019.

It's all a part of your Annual Meeting experience, and we don't want you to miss a single thing!



The ARRS Meeting App

So beneficial you'll use it after the meeting!

Experience unlimited convenience and access the entire meeting with just a swipe of your finger.

- Watch session recordings on demand
- Claim credit
- View 500+ Electronic Exhibits
- And more!

2019 Annual Meeting Featured Events

NOW INCLUDING

Two Categorical Courses

Subspecialist Tips for the Multispecialist

May 5–7

Leading experts will provide an intensive three-day review in multispecialty imaging tailored to the practicing radiologist. The program is designed to provide a clinically-focused update on the most current imaging guidelines, terminology, and disease classifications. Faculty will present scenario-based examples that multispecialist radiologists can implement in their daily practice.

Pitfalls, Variants, and Pseudolesions: How to Avoid Misdiagnosis

May 8–10

This three-day course will focus exclusively on how to avoid misdiagnosis in a wide spectrum of pitfalls, variants, and pseudolesions according to current evidence-based appropriateness criteria. Renowned faculty will present practical, cutting-edge reviews across a range of applications. The program will emphasize real-life clinical scenarios, provide tips and tricks to optimize study performance and interpretation, and ultimately enhance care provision by adding value to patient management.

Rock the Review: How to Get a Perfect Manuscript Score

May 5, 10:00 am–12:00 pm

This course provides the unique opportunity for open interchange among editors, AJR staff, and new or current reviewers to clarify the importance, consistency, and timeliness of scientific peer-review. Participants will be presented with detailed information outlining AJR processes from submission to publication.



Diversity: Hiring and Retaining the Best

May 5, 10:00 am–12:00 pm

Learn about the importance of diversity in radiology, the role of diversity in hiring and retaining the best, and how to track success of diversity efforts.

Code Stroke: What the Radiologist Needs to Know in the Changing Landscape of Acute Ischemic Stroke

May 5, 10:00 am–12:00 pm

This focused stroke session will include: knowledge of the new guidelines in acute ischemic stroke in extended time periods; understanding the use of multimodal imaging and its challenges; understanding how to design efficient imaging workflows in our clinical practice; and how radiologists can add value in acute stroke care.

3D Printing of Anatomic Models: Value Added Opportunity for Radiology

**May 5, 10:00 am–12:00 pm (Part 1)
1:00–3:00 pm (Part 2)**

This two-part course will allow participants the opportunity to: gain an understanding of 3D printing technologies; work through the logistics of setting up a low-cost anatomic modeling lab; and outline the clinical value of 3D printed models in musculoskeletal, cardiovascular, renal, craniofacial, and thoracic imaging.

ARRS is proud to work with our global partners to present the 2019 Global Exchange Featuring Asia.



Comparing and Contrasting the Role of Imaging in Common Cancers

**May 5, 10:00 am–12:00 pm (Part 1)
1:00–3:00 pm (Part 2)**

During this two-part course, international experts will compare and contrast the role of imaging in screening, diagnosis, and surveillance of the most common cancers—liver cancer, gastric cancer, colon cancer, prostate cancer, and lung cancer—across the Global Exchange countries and the United States.

The Global Exchange also includes several instructional courses being presented throughout the week. These courses are designated with this Global Partner Society Program logo.



Understanding and Addressing Radiologist Burnout

May 5, 1:00–3:00 pm

This course will provide an overview of radiologist burnout at both the systems and individual levels. Root causes and drivers, and anti-burnout strategies will be explored.

Machine Learning, Artificial Intelligence, and Data Science

May 5, 1:00–3:00 pm

Presented in cooperation with the Society for Imaging Informatics in Medicine

This course will introduce the basic principles of leveraging AI and machine learning to improve image quality, enable more precise and accurate image diagnosis, and aid in better health care decision making and prediction.

Resident Symposium: Transition to Practice

**May 5, 10:00 am–12:00 pm (Part 1)
1:00–3:00 pm (Part 2)**

Combining panel discussions and lectures, this two-part symposium will cover critical topics for in-training radiologists, from the current job market and mentoring, to transitioning to active practice.

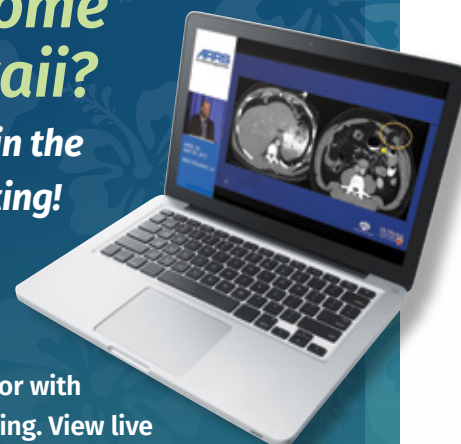
Can't come to Hawaii?

Participate in the Virtual Meeting!

Receive the same quality education that ARRS is known for with the Virtual Meeting. View live broadcasting of sessions and enjoy on-demand meeting features.

By participating in the Virtual Meeting you can:

- Watch live sessions from your home or office
- View session recordings and earn credit on demand
- View Electronic Exhibits
- Earn credit
- Ask questions of faculty online
- And more!





CATEGORICAL COURSE

Subspecialist Tips for the Multispecialist

Sunday, May 5–Tuesday, May 7

Leading experts will provide an intensive three-day review in multispecialty imaging tailored to the practicing radiologist. The program is designed to provide a clinically-focused update on the most current imaging guidelines, terminology, and disease classifications. Faculty will present scenario-based examples and pearls of wisdom that multispecialist radiologists can implement in their daily practice.

Learning Outcomes

After attending this course, attendees will be able to:

- Identify current white papers, ACR Appropriateness Criteria®, and other national and international guidelines that encourage best practices across multiple subspecialties.
- Describe critical imaging findings in adult and pediatric patients with diseases of the gastrointestinal tract, genitourinary track, and musculoskeletal system.
- Describe and implement LI-RADS® for reporting of liver lesions in patients with cirrhosis.
- List updated concepts in prostate MRI, including PI-RADS™ and MRI-targeted biopsy.

Registration

Due to the nature and granularity of this course, a separate registration fee is required in addition to your general registration fee.



Included With Course Registration

Each registrant will receive the accompanying book, featuring a corresponding chapter for each scheduled presentation. Individuals who register for the virtual course after April 3, 2019 will receive the book approximately 2 months after the Virtual Meeting takes place. To receive the book to use with the Virtual Categorical Course, be sure to register prior to April 3, 2019.

Additional Registration Fees	ARRS Member	Nonmember
Annual Meeting Subspecialist Tips Course	\$230	\$430

Additional Registration Fees	ARRS Member	Nonmember
Virtual Meeting Subspecialist Tips Course	\$280	\$480

COURSE SCHEDULE

COURSE DIRECTORS: Laura Bancroft, MD; Ramesh Iyer, MD; Tina Tailor, MD

SUNDAY, MAY 5, 2019	
10:00 am–12:00 pm CHEST IMAGING	
Lung Cancer Screening: Guidelines and Appropriate Reporting	D. Naeger, MD
Multinodular Lung Disease: A Pattern Based Approach	J. Chung, MD
Essentials of Imaging Atypical Pneumonia	J. Bueno, MD
Update on Lung Cancer Staging: The Must Knows of TNM 8	B. Carter, MD
1:00–3:00 pm CARDIOVASCULAR IMAGING	
The Role of MRI in the Diagnosis of Cardiomyopathy	T. Tailor, MD
Noninvasive Imaging of Acute Aortic Syndromes	C. Raptis, MD
Coronary CTA	S. Abbara, MD
Imaging of Cardiac Masses: Key Features for Diagnosis and Management	K. Ordovas, MD

MONDAY, MAY 6, 2019	
7:00–9:00 am HEPATOBIILIARY	
Benign Liver Tumors and Tumor-Like Lesions	W. Masch, MD
Nonneoplastic Inflammatory and Pseudotumoral Lesions of the Liver	A. Costa, MD, MSc
Imaging of Malignant Liver Lesions	L. Alexander, MD
Multimodality Imaging of the Biliary Disease	C. Van der Pol, MD
9:30–11:30 am PANCREAS	
How I Image the Pancreas	J. Wang, MD
Pancreatic Inflammation - 2019 Update	K. Sandrasegaran, MD
Pancreatic Mass Imaging - What You Need to Know	E. Tamm, MD
Managing Incidental Pancreatic Cysts	A. Kamabadakone-Ramesh, MBBS, MD
12:30–2:30 pm GENITOURINARY IMAGING	
CT and MRI Intravascular Contrast Media Update - 2019	M. Davenport, MD
Adrenal Masses - Making the Diagnosis	A. Bowman, MD, PhD
Renal Masses	A. Kielar, MD
Prostate Cancer Diagnosis and Staging	A. Venkatesan, MD
3:00–5:00 pm GASTROINTESTINAL IMAGING	
Acute Appendicitis: Imaging Update and New Issues	E. Paulson, MD
CT and MR Enterography	B. Wildman-Tobriner, MD
Moving Forward with CT Colonography	J. Yee, MD
Pretreatment Staging of Colorectal Cancer	S. Thipphavong, MD

TUESDAY, MAY 7, 2019	
7:00–9:00 am WOMEN'S IMAGING	
Update on Breast Screening and Role of Tomosynthesis	K. Johnson, MD
Breast MRI - Appropriate BI-RADS® Descriptors	S. Chou, MD
Commonly Encountered Gynecologic Abnormalities	M. Moshiri, MD
Nongynecological Findings on Pelvic Sonography	D. Baumgarten, MD, MPH
9:30–11:30 am MUSCULOSKELETAL IMAGING	
Shoulder Trauma: Adding Value for the Orthopedist	M. Pathria, MD
MRI of the Knee: Meniscus and Cartilage	C. Chung, MD
Up-to-Date Hip Imaging	L. Bancroft, MD
Musculoskeletal Ultrasound: Diagnostic and Procedural Considerations	J. Jacobson, MD
12:30–2:30 pm PEDIATRIC IMAGING	
Pediatric Central Nervous System Tumors	S. Milla, MD
Fetal Imaging - Covering the Basics for the Generalist	B. Brown, MD
Congenital Heart Defects - Practical Approach for the Generalist	L. Stanescu, MD
Bowel Obstruction in Young Infants	R. Iyer, MD
3:00–5:00 pm NEURORADIOLOGY	
Stroke Imaging and Protocols: Best Practices	A. Kuner, MD
Spine Trauma	K. Hawk, MD, MS, PhD
Spine and Disc Disease Nomenclature	V. Shah, MD
Intracranial Tumors	J. Fink, MD

“Every year I look forward to the categorical courses. I think they are the most exciting part of the meeting.”

—Ruth Carlos, MD, University of Michigan





CATEGORICAL COURSE

Pitfalls, Variants, and Pseudolesions: How to Avoid Misdiagnosis

Wednesday, May 8–Friday, May 10

This three-day course will focus exclusively on how to avoid misdiagnosis in a wide spectrum of pitfalls, variants, and pseudolesions according to current evidence-based appropriateness criteria. Renowned faculty will present practical, cutting-edge reviews across a range of applications. The program will emphasize real-life clinical scenarios, provide tips and tricks to optimize study performance and interpretation, and ultimately enhance care provisions by adding value to patient management.

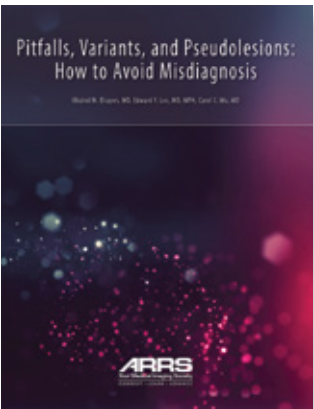
Learning Outcomes

Following completion of the program, participants should be familiar with the spectrum of common and unusual diagnostic imaging pitfalls that occur throughout the body, and should be able to apply the principles described to continuously improve their clinical performance. Attendees will be able to:

- Identify and characterize relevant incidental findings
- List differential diagnoses, when necessary, and suggest the best management strategy
- Apply practice-based strategies for optimizing patient outcomes
- Communicate recommendations for follow up appropriately

Registration

Due to the nature and granularity of this course, a separate registration fee is required in addition to your general registration fee.



Included with Course Registration

Each registrant will receive the accompanying book, featuring a corresponding chapter for each scheduled presentation. Individuals who register for the virtual course after April 3, 2019 will receive the book approximately 2 months

after the Virtual Meeting takes place. To receive the book to use with the Virtual Categorical Course, be sure to register prior to April 3, 2019.

Additional Registration Fees	ARRS Member	Nonmember
Annual Meeting Pitfalls Course	\$230	\$430

Additional Registration Fees	ARRS Member	Nonmember
Virtual Meeting Pitfalls Course	\$280	\$480

COURSE SCHEDULE

COURSE DIRECTORS: Edward Y. Lee, MD, MPH; Khaled Elsayes, MD; Carol Wu, MD



WEDNESDAY, MAY 8, 2019

7:00–9:00 am GENERAL RADIOLOGY

Management of Discrepancies and Misses: A Medicolegal Perspective	L. Berlin, MD
Ultrasound Doppler Pitfalls	S. Bhatt, MD
Pitfalls, Variants, and Pseudolesions: Liver	K. Fowler, MD
PET-Related Pitfalls	D. Yoo, MD

9:30–11:30 am HEPATOBIILIARY

Biliary Pitfalls	P. Liu, MD
Cirrhotic Liver Pitfalls	D. Mitchell, MD
Pitfalls of Liver MR	E. Siegelman, MD
Pitfalls and Pseudolesions in Imaging of Pancreatic Masses	F. Coakley, MD

12:30–2:30 pm URINARY TOPICS IN THE ABDOMEN

Renal Mass: Pitfalls	L. Aganovic, MD
Adrenal: Pitfalls	K. Elsayes, MD
Spleen: Pitfalls	J. Leyendecker, MD
Pitfalls in Diagnosis of Abdominal Trauma	J. Soto, MD

3:00–5:00 pm GASTROINTESTINAL IMAGING

Pitfalls in Abdominal Radiograph Interpretation	D. DiSantis, MD
CT Colonography Pitfalls	P. Pickhardt, MD
Small Bowel and Appendix Pitfalls	W. Ehieli, MD
Pitfalls in Diagnosis of Rectal Cancer	K. Jhaveri, MD

THURSDAY, MAY 9, 2019

7:00–9:00 am FEMALE AND MALE PELVIS

Quality Improvement: Transitioning Peer Review to Peer Learning	C. Roth, MD, MS-HQS
Obstetric Ultrasound	A. Kennedy, MB, BCh, BAO
MRI of the Female Pelvis	V. Chernyak, MD, MS
Pitfalls in Prostate MR Imaging	R. Gupta, MD

9:30–11:30 am NEURORADIOLOGY

Pitfalls of Head and Neck Imaging	K. Baugnon, MD
Pitfalls of Stroke Imaging	N. Salamon, MD
Pitfalls in Imaging of Brain Tumors	M. Chen, MD
Pitfalls in Spine Imaging	C. Geannette, MD

12:30–2:30 pm PULMONARY IMAGING

Pitfalls in Lung Nodule Detection and Characterization on CT	R. Munden, MD, DMD, MBA
Micronodules Detected on CT During the NLST: Prevalence and Relation to Positive Studies and Lung Cancer	S. Hobbs, MD
PET/CT Pitfalls in the Chest	G. Shroff, MD
Chest Radiograph Interpretation: Pitfalls and Pseudolesions	J. Shepard, MD

3:00–5:00 pm CARDIOVASCULAR/BREAST IMAGING

CT Pulmonary Angiography Pitfalls	J. Ko, MD
Imaging of Aortic Diseases: Pearls and Pitfalls	S. Patel, MD
Cardiac Findings on Chest CT: Pitfalls, Variants and Pseudolesions	C. Hassani, MD
Breast on CT and PET/CT: Pitfalls, Variants and Pseudolesions	J. Leung, MD

FRIDAY, MAY 10, 2019

7:00–9:00 am MUSCULOSKELETAL IMAGING

Soft Tissue Tumors: How to Avoid Pitfalls in Diagnosis	M. Murphey, MD
Musculoskeletal Infections: How to Avoid Misdiagnosis	D. Blankenbaker, MD
Sport-Related Musculoskeletal Injuries: Practical Approach to Overcome Pitfalls	P. Evangelista, MD
Musculoskeletal Procedures: Pearls and Pitfalls	G. Gaviola, MD

9:30–11:30 am PEDIATRIC IMAGING

Pediatric Thoracic Lesions: Borderlands of Confusion	R. Krishnasarma, MD
Pediatric Hepatobiliary Disorders: What Not to Miss	G. Schooler, MD
Pediatric Genitourinary Anomalies and Abnormalities	J. Son, MD
Pediatric Head and Neck: Anatomy Pearls, Essential Diagnoses, and Pitfalls	N. Kadom, MD

“By attending the categorical course, you can take information and apply it to practice tomorrow.”

*—Sanjeev Bhalla, MD,
Mallinckrodt Institute of Radiology*

Radiology Review Track

Available at no additional cost!

This educational track offers a broad review of cases across 11 subspecialties. Each session addresses one subspecialty and contains 60 minutes of case review and 30 minutes of didactic lecture. The rapid-fire case review will provide an even more comprehensive review of cases with limited differential diagnoses. Registrants can participate in these sessions at no additional cost—it's all part of your general registration fee.

TUESDAY, May 7

1:00–2:30 pm

Radiology Review: Nuclear Medicine

C. Wright, J. McConathy, P. Kuo, P. Bhambhani

3:00–4:30 pm

Radiology Review: Genitourinary

B. Wildman, A. Kielar, A. Mariano, D. Wolfman

WEDNESDAY, May 8

8:00–9:30 am

Radiology Review: Chest

A. El-Sherief, C. Walker, M. Martin, D. Naeger

10:00–11:30 am

Radiology Review: Cardiac

J. Nance, T. Henry, S. Agarwal, K. Hanneman

1:00–2:30 pm

Radiology Review: Musculoskeletal

H. Garner, J. Baker, O. Awan, J. Stensby

3:00–4:30 pm

Radiology Review: Pediatric

A. Khwaja, U. Udayasankar, A. Chaturvedi, P. Sagar, D. Saul

THURSDAY, May 9

8:00–9:30 am

Radiology Review: Vascular/Interventional

R. Ramaswamy, R. Liddell, P. Trivedi, D. Abdollahian

10:00–11:30 am

Radiology Review: Gastrointestinal

C. Santillan, R. O'Malley, V. Mellnick, E. Stein

1:00–2:30 pm

Radiology Review: Neuroradiology

B. Soares, K. Fink, A. Bhatt, J. Becker

FRIDAY, May 10

7:30–9:00 am

Radiology Review: Ultrasound

G. Joshi, A. Kennedy, C. Deurdulian, A. Kamaya

9:30–11:00 am

Radiology Review: Breast

J. Kunjummen, L. Margolies, B. Adrada, T. Moseley

Chair: Cynthia Santillan, MD



Luncheon Symposia Series

Have lunch while you learn! ARRS Luncheon Symposia are hosted by industry leaders who will bring you updates on some of the most important topics and challenges facing radiologists today. Hear from professional experts and walk away with new knowledge and perspectives you can apply to your daily practice.

DAILY SCHEDULE

SUNDAY, MAY 5

8:00 – 9:30 am

**Opening Ceremonies and
Member Business Meeting**

9:30 – 10:00 am

Beverage Break

10:00 am – 12:00 pm

**FC01. Rock the Review: How to Get a
Perfect Manuscript Score**
T. Berquist, J. Provenzale, C. Merrill
2 CME Credits

**FC02. Diversity: Hiring and Retaining
the Best**
N. Kadom, A. Norbash, M. Higgins,
D. West, E. Krupinski
2 CME Credits

**FC03. Code Stroke: Changing Landscape
of Ischemic Stroke**
K. Nael, R. Aviv, A. Vagal,
M. Wintermark, H. Rowley
2 CME Credits, 2 SAM Credits
SAM

**FC04. Comparing the Role of Imaging in
Common Cancers, Part 1**
J. Kruskal, F. Yan, P. Liu,
W. Lee, C. Wu
2 CME Credits



FC05. Medical 3D Printing, Part 1
J. Matsumoto, T. Foley, B. Howe,
F. Rybicki, A. Sheikh, P. Liacouras,
S. Pruthi, B. King, J. Chuen, B. Ripley,
K-C. Lai
2 CME Credits

**RS01. Resident Symposium: Transition to
Practice, Part 1**
J. Parikh, G. Whitman, A. Norbash,
D. Wolfman
2 CME Credits
RESIDENT

12:00 – 1:00 pm

Complimentary Lunch

1:00 – 3:00 pm

**FC06. Comparing the Role of Imaging in
Common Cancers, Part 2**
G. Iinuma, J. Yee, C. Tan,
Y-C. Chang, C. Wu, Q. Dong
2 CME Credits



FC07. Medical 3D Printing, Part 2
J. Matsumoto, T. Foley, B. Howe,
F. Rybicki, A. Sheikh, P. Liacouras,
S. Pruthi, B. King, J. Chuen, B. Ripley,
K-C. Lai
2 CME Credits

**FC08. Understanding and Addressing
Radiologist Burnout**
M. Bruno, R. Gunderman, T. Mosher
2 CME Credits

FC09. AI in Radiology: Reality vs. Fantasy
S. Halabi, R. Wiggins, K. Andriole,
J. Mongan, G. Shih, C. Kahn
2 CME Credits

**RS02. Resident Symposium: Transition to
Practice, Part 2**
D. Wolfman, A. Kielar, H. Zafar
2 CME Credits
RESIDENT

MONDAY, MAY 6

7:00 – 8:00 am

**PH01. Power Hour: Musculoskeletal
Imaging**
1 CME Credit

PH02. Power Hour: Pediatric Imaging
1 CME Credit

8:00 – 9:00 am

RJR. AJR Year in Review
L. Shah, M. Lubner
1 CME Credit

8:00 – 9:30 am

IC101. Fundamentals of HRCT
S. Agarwal, N. Parkar, B. Little, S. Rossi
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC102. Spine Emergencies
M. Bernstein, O. West,
R. Radhakrishnan, L. Shah
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC103. Pediatric MSK
K. Davis, M. Fadell, N. Chauvin
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

**IC104. Breast Cancer Screening and Risk
Assessment**
L. Moy, R. Butler, D. Plecha,
H. Macdonald
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS01. Neuroradiology
1.5 CME Credits



DAILY SCHEDULE

SS02. How to Succeed in Research 1.5 CME Credits

9:00 – 10:00 am

Beverage Break

10:00 – 11:30 am

IC105. Musculoskeletal Lower Extremity Joints (Knee-Foot) J. Peterson, D. Goodwin, H. Umans 1.5 CME Credits RESIDENT

IC106. Ever Evasive ENT Anatomy L. Ledbetter, N. Koontz, C. Glastonbury, J. Brucker 1.5 CME Credits, 1.5 SAM Credits SAM RESIDENT

IC107. Incorporating TIRADS and LIRADS Advances Into Practice T. Dubinsky, D. Fetzer, J. Langer, M. Caserta 1.5 CME Credits RESIDENT

IC108. Ischemic Heart Disease U. Schoepf, J. Christensen, J. Jeudy, J. Hsu 1.5 CME Credits, 1.5 SAM Credits SAM

SS03. Genitourinary Imaging - Prostate/ Renal 1.5 CME Credits

SS04. Vascular/Interventional Radiology 1.5 CME Credits

11:30 am – 12:30 pm

Lunch – Connection Quad

1:00 – 2:30 pm

IC109. Malpractice Involving Radiology, 2019 Update L. Berlin 1.5 CME Credits

IC110. Pediatric Radiology: Common Misses from the Community N. Hull, C. Carrico, J. Wright 1.5 CME Credits, 1.5 SAM Credits SAM RESIDENT

IC111. NM Emergencies, Radiation Safety and Artifacts D. Metter, K. Banks, F. Fahey 1.5 CME Credits, 1.5 SAM Credits SAM RESIDENT

IC112. Musculoskeletal Imaging: Elbow, Wrist and Hand L. Bancroft, N. Subhas, C. Chung 1.5 CME Credits

IC113. Hepatic Interventional Oncology: A Case-Based Review B. Odisio, C. Zheng, D. Madoff 1.5 CME Credits

SS05. Chest Imaging 1.5 CME Credits

2:30 – 3:00 pm

Beverage Break

3:00 – 4:30 pm

IC114. Brain Vascular: Anatomy and Intracranial Pathologies M. Castillo, R. Aviv, A. Doshi, Y. Wantanabe 1.5 CME Credits, 1.5 SAM Credits SAM



IC115. Ultrasound of the Shoulder with Live Demo N. Dahiya, S. Allison, J. Jacobson 1.5 CME Credits

IC116. Signs in Cardiothoracic Imaging G. Abbott, T. Henry, R. Shah 1.5 CME Credits RESIDENT

IC117. Big Data and Artificial Intelligence in IR E. Ziv, R. Uppot, J. Chapiro 1.5 CME Credits

IC118. MSK Bone Tumors: Approach to Diagnosis B. Amini, M. Kransdorf, D. Wenger 1.5 CME Credits, 1.5 SAM Credits SAM RESIDENT

SS06. Emergency/General Radiology 1.5 CME Credits

3:00 – 4:00 pm

SRS. Radiation, The Great Disruptor D. DiSantis 1 CME Credit

TUESDAY, MAY 7

7:00 – 8:00 am

PH03. Power Hour: Cardiac Imaging 1 CME Credit

PH04. Power Hour: Ultrasound 1 CME Credit

8:00 – 9:30 am

IC201. MSK: Shoulder MR Update L. Steinbach, L. Ladd, J. Pierce 1.5 CME Credits



DAILY SCHEDULE

IC202. Hot Topics in Renal Cell Carcinoma
S. Silverman, A. Diaz De Leon,
A. Shinagare
1.5 CME Credits, 1.5 SAM Credits
SAM

IC203. PET/CT of the Chest and Heart: From Hawaii with Love
E. Rohren, T. Wong, M. Osman, A. Sheikh
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC204. Emergency Thoracic Conditions
I. Vlahos, C. Lee, C. Raptis, B. Sundaram
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS07. Breast Imaging
1.5 CME Credits

SS08. Gastrointestinal Imaging
1.5 CME Credits

9:00 – 10:00 am

Beverage Break

10:00 – 11:30 am

IC205. Emergency and Trauma I
K. Fink, W. Kubal, K. Linnau,
S. Steenburg
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC206. MRI of Benign Conditions in the Female Pelvis
C. Menias, G. Khatri, A. Luna
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC207. Post-Treatment CNS: Challenges Simplified
P. Chapman, V. Rao, C. Torres, V. Shah
1.5 CME Credits, 1.5 SAM Credits
SAM

IC208. Carotid and Abdominal Doppler
K. Richman, L. Mankowski Gettle,
M. Revzin
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC209. Radiology/Pathology Concordance of High Risk Lesions
T. Lawton, D. Georgian-Smith, M. Bahl
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS09. Vascular/Interventional Radiology
1.5 CME Credits



11:30 am – 12:30 pm

Lunch – Connection Quad

1:00 – 2:30 pm

IC210. Role of Interventional Radiology in Pain Palliation
S. Kishore, S. Yevich, A. Kurup
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC211. Pancreas Imaging
B. Patel, E. Tamm, E. Paulson
1.5 CME Credits
RESIDENT

IC212. State of the Art Liver Imaging
K. Fowler, K. Elsayes, V. Chernyak
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC213. Pediatric CNS Pathologies
E. Schwartz, S. Pruthi, M. Shroff,
P. Hudgins
1.5 CME Credits, 1.5 SAM Credits
SAM

RC01. Radiology Review: Nuclear Medicine
C. Wright, J. McConathy, P. Kuo,
P. Bhambhani
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS10. Genitourinary Imaging - Female Pelvis/Endocrine
1.5 CME Credits

2:30 – 3:00 pm

Beverage Break

3:00 – 4:30 pm

IC214. Bowel Imaging
S. Park, M. Harisinghani, D. Shearfor
1.5 CME Credits
RESIDENT

IC215. Management of Biliary Strictures, Leaks: 2019 Update
R. Arellano, J. Lorenz, B. Kapoor
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC216. Nonischemic Cardiomyopathies
K. Cummings, B. Sundaram, C. Dennie,
E. Williamson
1.5 CME Credits, 1.5 SAM Credits
SAM

IC217. MSK: Upper Extremity Ultrasound
L. Gimber, C. French, H. Rosas
1.5 CME Credits

DAILY SCHEDULE



RC02. Radiology Review: Genitourinary
B. Wildman, A. Kielar, A. Mariano,
D. Wolfman
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS11. Efficacy/Education/Administration
1.5 CME Credits

WEDNESDAY, MAY 8

7:00 – 8:00 am

PH05. Power Hour: Gastrointestinal Imaging
1 CME Credit

PH06. Power Hour: Nuclear Medicine
1 CME Credit

8:00 – 9:30 am

IC301. Breast Imaging: Diagnostic Dilemmas
N. Chotai, U. Waheed,
M. Etesami, A. Bhatt
1.5 CME Credits



IC302. Imaging of the Peritoneum and Retroperitoneum
K. Sandrasegaran, A. Gaballah,
J. Sammon
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC303. All the Noodles From Head to Toe
L. Wang, R. Wiggins, M. Parsons,
T. Hutchins
1.5 CME Credits

RC03. Radiology Review: Chest
A. El-Sherief, C. Walker, M. Martin,
D. Naeger
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS12. Gastrointestinal Imaging
1.5 CME Credits

SS13. Musculoskeletal Imaging
1.5 CME Credits

9:00 – 10:00 am

Beverage Break

10:00 – 11:30 am

IC304. Joint Session: AI and Patient Safety
R. Gunderman, W. Chan
1.5 CME Credits
RESIDENT



IC305. MSK: Arthropathies
M. Murphey, R. Lambert, S. Bernard
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC306. Pediatric Radiology: Kids Are Not Just Little Adults
S. Pruthi, C. Maxfield, S. Menashe
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

RC04. Radiology Review: Cardiac
J. Nance, T. Henry, S. Agarwal,
K. Hanneman
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS14. Breast Imaging
1.5 CME Credits

SS15. Efficacy/Education/Administration
1.5 CME Credits

11:30 am – 12:30 pm

Lunch – Connection Quad

1:00 – 2:30 pm

IC307. Advanced HRCT
J. Chung, B. Elicker, S. Hobbs,
M. Parker
1.5 CME Credits, 1.5 SAM Credits
SAM

IC308. CNS Oncology Pearls
R. Wiggins, K. Zukotynski, J. Talbott,
P. Sajedi
1.5 CME Credits, 1.5 SAM Credits
SAM

IC309. PET/CT of the Abdomen and Pelvis
E. Akin, P. Kuo, D. Yoo,
M. Christakis
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC310. Cardiac Imaging and Intervention
B. Ghoshhajra, T. Foley, S. Patel,
A. Shah
1.5 CME Credits

RC05. Radiology Review: Musculoskeletal
H. Garner, J. Baker, O. Awan, J. Stensby
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS16. Breast Imaging
1.5 CME Credits

2:30 – 3:00 pm

Beverage Break

3:00 – 4:30 pm

IC311. Improving Your Practice and Your Patients' Experience
A. Lee, R. Pham, S. Weinstein
1.5 CME Credits

DAILY SCHEDULE

- IC312. Secrets of the CNS Center**
J. Go, M. Gaskill-Shipley, K. Salzman, A. Grayev
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- IC313. Biliary Imaging**
C. Moreno, M. Lubner, A. Covey
1.5 CME Credits
RESIDENT
- IC314. The Pulmonary Nodule**
D. Green, F. Fintelmann, C. Wu
1.5 CME Credits, 1.5 SAM Credits
SAM
- RC06. Radiology Review: Pediatric**
A. Khwaja, U. Udayasankar, A. Chaturvedi, P. Sagar, D. Saul
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- SS17. Musculoskeletal Imaging**
1.5 CME Credits

THURSDAY, MAY 9

7:00 – 8:00 am

- PH07. Power Hour: Neuroradiology**
1 CME Credit
- PH08. Power Hour: Genitourinary Imaging**
1 CME Credit

8:00 – 9:30 am

- IC401. Neoplasms of the Lung**
M. Truong, J. Ko, R. Madan, S. Pipavath
1.5 CME Credits, 1.5 SAM Credits
SAM
- IC402. Liver Imaging**
P. Pickhardt, J. Lee, S. Hussain
1.5 CME Credits
RESIDENT
- IC403. MSK: Hip MRI Update**
D. Blankenbaker, D. Rubin, M. Jesse
1.5 CME Credits
- RC07. Radiology Review: Vascular/Interventional**
R. Ramaswamy, R. Liddell, P. Trivedi, D. Abdollahian
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- SS18. Cardiac Imaging**
1.5 CME Credits
- SS19. Neuroradiology**
1.5 CME Credits



9:00 – 10:00 am

Beverage Break

10:00 – 11:30 am

- IC404. Cardiac Imaging for Specific Indications**
S. Abbata, D. Vargas, C. Javidan-Nejad, S. Kligerman
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- IC405. Egregious Ethical Lapses in Radiology**
R. Gunderman
1.5 CME Credits
RESIDENT
- IC406. Breast Imaging Procedures: Staying Out of Trouble**
J. Parikh, J. Lee, J. Hayward, M. Roubidoux
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- RC08. Radiology Review: Gastrointestinal**
C. Santillan, R. O'Malley, V. Mellnick, E. Stein
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- SS20. Genitourinary Imaging - Prostate/Renal**
1.5 CME Credits
- SS21. Musculoskeletal Imaging**
1.5 CME Credits

11:30 am – 12:30 pm

Lunch – Connection Quad

1:00 – 2:30 pm

- IC407. Abdominal Imaging**
M. Lockhart, A. Kambadakone-Ramesh, M. Ohliger
1.5 CME Credits
RESIDENT
- IC408. Imaging of Gynecologic Malignancies**
H. Vargas, P. Bhosale, D. Ganeshan
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT
- IC409. Conquering Challenging Diagnoses in the ER**
S. Sheth, M. Dighe, U. Hamper
1.5 CME Credits
RESIDENT



DAILY SCHEDULE

RC09. Radiology Review: Neuroradiology
B. Soares, K. Fink, A. Bhatt, J. Becker
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS22. Musculoskeletal Imaging
1.5 CME Credits

SS23. Efficacy/Education/Administration
1.5 CME Credits

2:30 – 3:00 pm

Beverage Break

3:00 – 4:30 pm

IC410. Joint Session: Nuclear Medicine/Competencies
H. Nadel, H. Agress, J. Kemp, M. Mathur
1.5 CME Credits, 1.5 SAM Credits
SAM

IC411. MSK: Soft Tissue Tumor Update
M. Murphey, H. Garner, K. Motamedi, L. Fayad
1.5 CME Credits

IC412. Pediatric Radiology: Practical Advice from the Experts
S. Palasis, J. Reid, R. Ayyala
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

IC413. Practical Approach to Imaging of the Male Pelvis
S. Verma, M. Heller, R. Vikram
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS24. Chest Imaging
1.5 CME Credits

SS25. Gastrointestinal Imaging
1.5 CME Credits

FRIDAY, MAY 10

6:30 – 7:30 am

PH09. Power Hour: Breast Imaging
1 CME Credit

PH10. Power Hour: General/Emergency Radiology
1 CME Credit

7:30 – 9:00 am

IC501. What to Do When It Isn't Breast Cancer
J. Giesbrandt, L. Sieck, R. Shenk
1.5 CME Credits
RESIDENT

IC502. Trauma, Vulvulus, and Abdominal Wall Pathology
V. Mellnick, S. Nicolaou, G. Gayer
1.5 CME Credits

IC503. Extrapulmonary Chest Masses
M. Hammer, T. Tao, J. Bueno, D. Naeger
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

RC10. Radiology Review: Ultrasound
G. Joshi, A. Kennedy, C. Deurdulian, A. Kamaya
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS26. Nuclear Medicine
1.5 CME Credits

SS27. Pediatric Imaging
1.5 CME Credits

9:00 – 9:30 am

Beverage Break

9:30 – 11:00 am

IC504. Congenital Heart Disease
C. Francois, I. Cortopassi, P. Agarwal
1.5 CME Credits, 1.5 SAM Credits
SAM

IC505. Essential Neuroradiology for the General Radiologist
A. Betts, B. Weinberg, P. Kranz, W. Gibbs
1.5 CME Credits, 1.5 SAM Credits
SAM

IC506. Emergency and Trauma II
F. Munera, K. Shanmuganathan, F. Berger, M. Kumaravel
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

RC11. Radiology Review: Breast
J. Kunjummen, L. Margolies, B. Adrada, T. Moseley
1.5 CME Credits, 1.5 SAM Credits
SAM RESIDENT

SS28. Gastrointestinal Imaging
1.5 CME Credits

SS29. Cardiac Imaging
1.5 CME Credits



Educational Credit Information

ARRS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education activities for physicians.

Live Sessions and Courses: The ARRS designates this live educational activity for a maximum 42.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Electronic Exhibits On Demand: The ARRS designates this enduring activity for AMA PRA Category 1 Credits™.

Session Credit On Demand: The ARRS designates this enduring activity for a maximum of 235.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Radiology

ARRS has “Deemed Status” with the American Board of Radiology (ABR) Maintenance of Certification Program. Certain activities in this meeting are also qualified by the American Board of Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification Program.

Self-Assessment Credits

SAM credits and SA-CME credits both fulfill MOC Part II requirements for the ABR. The 2019 Annual Meeting offers both SAM and SA-CME credits to give attendees the maximum possible credits for Part II requirements.

Live courses that offer Part II credit are marked in the schedule as SAMs. This meeting offers 42.00 hours of SAM credit through courses.

SA-CME Credit On Demand

Sessions that offer MOC Part II credit will offer SA-CME credit when completed as part of the On-Demand Meeting. Select electronic exhibits offer SA-CME credits as well.

INTERNATIONAL CONTINUING EDUCATION CREDITS

AMA PRA Category 1 Credit(s)™ earned at the ARRS Annual Meeting can be transferred internationally via agreements with:

- European Union and European Union of Medical Specialists
- Royal College of Physicians and Surgeons of Canada

- Royal Australian and New Zealand College of Radiologists (RANZCR)
- Mexico

For more information about transferring credit internationally, visit www.arrs.org/educationalcredit

Categorical Courses

The ARRS Categorical Course (Live Event) is an Accredited Self-Assessment Program (Section 3) as defined by the NEW Maintenance of Certification program (MOC) of the Royal College of Physicians and Surgeons of Canada (RCPSC), and has been approved by the Canadian Association of Radiologists (CAR) for a maximum of 0.5 credit hours for each presentation.

The RCPSC recording system (MAINPORT) will automatically convert the credit hours for this program to three credits per claimed hour (0.5 hours x 3 = 1.50 credit hours). Physicians should only claim credits commensurate with the extent of their participation in the activity.

Accreditation services do not imply endorsement of opinions presented during this activity.

The deadline to claim credit is August 2, 2019.

LEARNING OUTCOMES

Participants will be able to translate science and clinical case information into a deeper knowledge and comprehension of both the science and practice of radiology. Educational goals include:

- Examine and evaluate future directions in radiological imaging and patient therapy from both the latest research and clinical perspectives
- Describe the latest indications and applications of imaging techniques and their impact on patient care
- Identify clinical content that is applicable to performance improvement
- Comprehend practice-based strategies for mitigating errors and improving patient safety
- Identify clinical and noninterpretive skills content that is applicable to practice performance improvement
- Discuss the role and value of the radiologist in the diagnosis and treatment of patients
- Analyze opportunities to improve care coordination with referring physicians

Hotel And Travel Information

Hotel Reservations

To take advantage of the special ARRS rates, **you must register for the Annual Meeting first**. Once you have registered for the meeting, you will be provided with a unique online StarGroups reservations link to book your hotel reservation. Room reservation requests made by phone, fax, or mail will **not** be accepted.

Hotel Reservation Deadline

Hotel reservations must be made by Wednesday, April 10, 2019, to qualify for the special ARRS rates. After that date, the ARRS room block will be released and higher rates may apply. ARRS cannot guarantee rooms will be available through April 10, as the hotel block may fill up quickly. It is advised you register for the meeting and make hotel reservations early.

Hotel Confirmations

You will receive a confirmation from the hotel at the time your hotel reservation is made, which will include instructions for making changes to your reservation.

Guaranteed Reservations

All hotel reservations must be guaranteed with a credit card.

Hotel Cancellation and Reservation Changes

Cancellations must be made 72 hours in advance of the arrival date to avoid a one night room and tax charge.

Changes to hotel reservations can be made up until the day of arrival. Any cancellations or changes to reservations must be done online until **April 10**. After April 10, attendees must contact hotel reservations directly at 1-808-921-4611 for the Sheraton Waikiki and 1-808-921-4621 for The Royal Hawaiian for changes, cancellations, or new reservations based on availability.

Questions Regarding Hotel Reservations

ARRS is not able to answer questions regarding hotel reservations. Please contact the hotel directly using the directions provided when you booked your room via the StarGroups reservations link.

Travel Information

Airport

Daniel K. Inouye International Airport (HNL) is the island chain's major airport and is located in the city of Honolulu less than 20 minutes from the location of the ARRS hotels. HNL is served with airlift from all directions by domestic and international airlines to gateway cities in North America and the Pacific Rim.

Sheraton Waikiki

2255 Kalakaua Avenue, Honolulu, HI, 96815



Situated on a prime stretch of the legendary Waikiki Beach, the Sheraton Waikiki Hotel offers travelers a picturesque retreat in the center of it all. This resort immerses guests in local charm and elevated island style, ensuring an unforgettable experience for all.

Sheraton Waikiki Hotel Rates

City/Mountain View	\$295/night
Partial Ocean View	\$307/night
Oceanfront View	\$324/night

All hotel rates are quoted in USD funds and are subject to applicable state and local taxes.

Island Hopping

The Hawaiian Islands offer so much for visitors to experience, it may be difficult to pick just one island. Each island has its own unique charm and attractions, and island hopping to visit multiple islands during your Hawaiian vacation may be perfect for you. Learn more about island hopping and see rates at www.hawaiianairlines.com/island-guide

The Royal Hawaiian

2259 Kalakaua Ave, Honolulu, HI 96815



The most coveted spot on Waikiki Beach is at The Royal Hawaiian—within the billowing sanctuary of private beachfront cabanas or from luxurious guest rooms showcasing unrivalled panoramic views of Diamond Head, Waikiki Beach, and the sparkling Pacific Ocean—this hotel offers Hawaii's most majestic and memorable experiences.

Stay at the center of networking!

ARRS has secured discounted rooms for ARRS attendees at two of Honolulu's most premier hotels: Sheraton Waikiki and The Royal Hawaiian, which are right next to each other. By staying at an ARRS designated hotel you can:

- Meet colleagues from around the world at the hotel restaurant or coffee bar.
- Step outside the hotel and onto Waikiki Beach.
- Enjoy world-class shopping and dining just moments from your hotel room.
- Enjoy a seamless meeting experience with complimentary shuttles to and from the Hawaii Convention Center.

Registration and hotel reservations will open on November 25. You can reserve your room after you register for the Annual Meeting. All ARRS 2019 Annual Meeting sessions and events will take place at the Honolulu Convention Center in Honolulu, Hawaii.

The Royal Hawaiian Hotel Rates

Historic Garden View

\$324/night

All hotel rates are quoted in USD funds and are subject to applicable state and local taxes.



2019 Annual Meeting Registration Information

**Registration Opens November 25.
Register by March 1 to receive the lowest rates!**

The early-bird deadline for the Annual Meeting is March 1. The regular registration deadline for the Annual Meeting is April 3. Late registrations will be accepted either online only from April 4–May 10 or at the ARRS On-Site Registration Welcome and Information Center in Honolulu at the Hawaii Convention Center.

It is expected that individuals participating in functions taking place during the Annual Meeting, including committee meetings and social events, will be registered for the meeting.

By entering the event premises, meeting registrants consent to photography and video recording and its/their release, publication, or reproduction to be used by the ARRS.

AUDIO/VIDEO RECORDING POLICY

Audio/video recording including screen capturing or photography of any ARRS educational offering of any type is not allowed. Violations of this policy will be subject to access termination.

ANNUAL MEETING CANCELLATION POLICIES

Cancellations received in writing by April 3, 2019, will be processed and refunded by check after the meeting minus a 25% nonrefundable cancellation fee. Refunds will not be provided for cancellations for any reason after April 3. Refund requests of the 25% cancellation fee will not be considered regardless of the registration category, amount paid, or when requested.

Submitted registration forms by mail, fax, or online serve as acknowledgement and acceptance of all registration policies.

ANNUAL MEETING TRANSFER TO VIRTUAL MEETING

Need to change your registration from the Annual Meeting to the Virtual Meeting? Written requests received by April 3 will require a \$100 nonrefundable transfer fee in addition to any additional virtual registration fees to make the requested change in the meeting registration record. Written requests received by April 30 will require a \$200 nonrefundable transfer fee in addition to any additional virtual registration fees to make the requested change in the meeting registration record. After April 30, requests to transfer from the Annual Meeting to the Virtual Meeting cannot be processed.

ARRS MEMBERSHIP

ARRS membership must be current at the time of registration as well as for the duration of the Annual Meeting to receive the discounted member registration rates. If your ARRS membership has lapsed or will lapse between the date of registration and the end of the meeting, you must either renew your membership or pay the nonmember registration fees. Discounted meeting registration fees are a benefit for current ARRS members.

NONMEMBERS APPLYING FOR ARRS MEMBERSHIP FOR THE ANNUAL MEETING

Nonmembers may apply for ARRS membership and receive the Annual Meeting member registration fee discount. Nonmembers should submit a membership application with the Annual Meeting registration form by fax or mail prior to April 30 to receive the member registration fee discount. After April 30, the membership application and Annual Meeting registration form must be submitted together at the ARRS On-Site Registration Welcome and Information Center in Honolulu, Hawaii.

SPECIAL NEEDS

Annual Meeting registrants requiring auxiliary aids or services as identified in the Americans with Disabilities Act should contact ARRS at meeting@arrs.org.

ANNUAL MEETING	Early-Bird Registration Nov. 25–Mar. 1	Regular Registration Mar. 2–Apr. 3	Late Registration Apr. 4–May 10 (online only)	On-Site Registration May 5–10
ARRS Physician Members	\$550	\$650	\$750	\$750
ARRS Emeritus Members	\$350	\$450	\$550	\$550
ARRS Senior Radiologist Section Members	\$450	\$550	\$650	\$650
ARRS In-Training Physician Members	\$225	\$325	\$425	\$425
ARRS Technologist or Nurse Members	\$225	\$325	\$425	\$425
Nonmembers	\$1,500	\$1,600	\$1,700	\$1,700

ADDITIONAL REGISTRATION FEES	ARRS Members	Nonmembers
Subspecialist Tips Categorical Course	\$230	\$430
Pitfalls Categorical Course	\$230	\$430
Per Guest Fee	\$125	\$125

2019 Annual Meeting

Frequently Asked Questions

Q. Where will the meeting be held?

- A. The Annual Meeting will be held Sunday, May 5–Friday May 10, 2019, at the Hawaii Convention Center in Honolulu, Hawaii.

Q. What is the registration deadline?

- A. The regular registration deadline for the meeting is April 3. After April 3, late registrations will only be accepted online. Paper registrations by postal mail or fax cannot be processed after April 3. To obtain the best registration rates, plan to register by the early-bird deadline of March 1.

Q. How do I register after the registration deadline, April 3?

- A. After April 3, you may either register for the Annual Meeting online through May 10 or you may register in-person at the ARRS On-Site Registration Welcome and Information Center at the Hawaii Convention Center in Honolulu, Hawaii between May 5–10.

Q. Do I need to register guests for the meeting? What does the guest fee include?

- A. The fee is \$125 per guest and provides entrance to the Connection Quad, which includes daily lunches Sunday–Thursday as well as beverage breaks throughout the week. Guests are not allowed entry to areas where educational sessions or events are being held including the fee-based Categorical Courses or the Reading Room. Guests are not eligible to claim CME, SAM, SA-CME, or ARLM credits and do not receive any educational materials. Individuals eligible for ARRS membership may not register as a guest and must pay the general registration fee.

Q. Are children's programs or child care available during the meeting?

- A. ARRS does not provide children's programs or child care. Please ask your hotel concierge for a list of local companies that offer child care services. For safety reasons, security will be notified if children are left unattended in any of the ARRS meeting space areas at the Hawaii Convention Center.

Q. Does my membership need to be current in order to attend at the ARRS member rate?

- A. Yes, to receive the discounted member rate, which is a member benefit, your ARRS membership must be current

at the time that you register for the meeting as well as for the duration of the Annual Meeting. If your membership has lapsed or will lapse between the date you register and the conclusion of the Annual Meeting, you must pay your membership renewal or pay the nonmember registration fee. A submitted registration form online, by fax, or mail serves as acknowledgement, acceptance, and agreement of this policy.

Q. Can I become an ARRS member to take advantage of registration savings?

- A. Absolutely! Discounted meeting registration fees are a benefit of ARRS membership. If you plan to attend the ARRS 2019 Annual Meeting, apply for membership at the same time you submit your Annual Meeting registration form to ensure your membership status is confirmed and you receive the membership registration discount. If you want to join ARRS after April 30, you will need to bring your membership and registration paperwork to the ARRS On-Site Registration Welcome and Information Center at the Hawaii Convention Center in Honolulu, Hawaii.

Q. Will I receive a registration confirmation?

- A. Registration confirmations are emailed to registrants. It is important to provide your email address with your registration materials to ensure receipt of your confirmation and any updates regarding the meeting. Make sure the email address provided is set up to accept messages from ARRS so your Annual Meeting communications do not go to a SPAM or junk mail folder or become blocked entirely.

Q. What is the cancellation policy?

- A. Written requests for cancellations should be sent by email to meeting@arrs.org; by fax to 703-729-4839; or by mail to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109. Written requests for refunds received by April 3 will be processed and refunded by check after the meeting minus a 25% nonrefundable cancellation fee. After April 3, cancellations will be processed but refunds will not be issued. Cancellations will not be accepted by telephone. Refund requests of the 25% nonrefundable cancellation fee will not be considered regardless of the registration category, amount paid, or when requested. A submitted registration

form online, by fax, or mail serves as acknowledgement, acceptance, and agreement of these cancellation policies.

Q. Can I transfer my Annual Meeting registration to a Virtual Meeting registration?

- A. Yes, you may transfer your Annual Meeting registration record to a Virtual Meeting registration record by providing a written request by email to meeting@arrs.org; by fax to 703-729-4839; or by mail to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109. Written requests received by April 3 will require a \$100 nonrefundable transfer fee in addition to any additional virtual registration fees to make the requested change in the meeting registration record. Written requests received by April 30 will require a \$200 nonrefundable transfer fee in addition to any additional virtual registration fees to make the requested change in the meeting registration record. After April 30, requests to transfer from the Annual Meeting to the Virtual Meeting cannot be processed.

Not Yet An ARRS Member?

To apply for membership before April 3:

APPLY ONLINE:

Go to www.arrs.org and click on Membership. Be sure to indicate on the online form that you plan to attend the ARRS 2019 Annual Meeting, and fax your Annual Meeting registration form to ARRS at 703-729-4839 after submitting your online membership application.

DOWNLOAD APPLICATION:

Go to www.arrs.org and click on Membership. Send the completed application with your Annual Meeting registration form by fax to 703-729-4839 or mail both documents to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109.

After April 3, you may submit your membership application online at www.arrs.org or by fax to 703-729-4839. You will be notified once your application has been processed and you may register for the meeting online at that time.

2019 Virtual Meeting Registration Information

**Registration Opens November 25.
Register by March 1 to receive the lowest rates!**

The early-bird deadline for the Virtual Meeting is March 1. The regular registration deadline for the Virtual Meeting is April 3. Late registrations will be accepted, online only from April 4–May 10.

AUDIO/VIDEO RECORDING POLICY

Audio/Video recording including screen capturing or photography of any ARRS educational offering of any type is not allowed. Violations of this policy will be subject to access termination.

VIRTUAL MEETING REGISTRATION CANCELLATION POLICY

Cancellations received in writing by April 3, 2019, will be processed and refunded by check after the Virtual Meeting minus a 25% nonrefundable cancellation fee. After April 3, refunds will not be issued for any reason. Refund requests for the cancellation fee will not be considered regardless of the registration category, amount paid, or when requested. No-shows to the Virtual Meeting will not be refunded regardless of the reason, including conflicts that arise with a registrant's schedule or failure to test the computer connection prior to the Virtual Meeting as instructed. Failure to join the Virtual Meeting as it takes place live (e.g., late arrivals or early departures) does not constitute a reason for a full or partial refund. A submitted registration form online, by fax, or mail serves as acknowledgement, acceptance, and agreement of these cancellation policies.

VIRTUAL MEETING TRANSFER TO ANNUAL MEETING

Need to change your registration from the Virtual Meeting to the Annual Meeting? Written requests received by April 3 will require a \$100 nonrefundable transfer fee in addition to any additional meeting registration fees to make the requested change in the meeting registration record. After April 3, requests to transfer from the Virtual Meeting to the Annual Meeting can only be processed at the ARRS On-Site Registration Welcome and Information Center in Honolulu, Hawaii, and will require a \$200 nonrefundable transfer fee in addition to any additional meeting registration fees to make the requested change to the meeting registration record.

ARRS MEMBERSHIP

ARRS membership must be current at the time of registration as well as for the duration of the Virtual Meeting to receive the discounted member registration rates. If membership has lapsed or will lapse between the date of registration and the end of the meeting, you must either renew your membership or pay the nonmember registration fees. Discounted meeting registration fees are a benefit for current ARRS members.

NONMEMBERS APPLYING FOR ARRS MEMBERSHIP FOR THE VIRTUAL MEETING

Nonmembers may apply for ARRS membership and receive the Virtual Meeting member registration fee discount. Nonmembers should submit a membership application with the Virtual Meeting registration form by fax or mail prior to April 30 to receive the member registration fee discount. After April 30, you must register for the Virtual Meeting at the nonmember registration rate.

VIRTUAL MEETING	Early-Bird Registration Nov. 25–Mar. 1	Regular Registration Mar. 2–Apr. 3	Late Registration Apr. 4–May 10 (online only)
ARRS Physician Members	\$650	\$750	\$850
ARRS Emeritus Members	\$450	\$550	\$650
ARRS Senior Radiologist Section Members	\$550	\$650	\$750
ARRS In-Training Physician Members	\$325	\$425	\$525
ARRS Technologist or Nurse Members	\$325	\$425	\$525
Nonmembers	\$1,600	\$1,700	\$1,800

ADDITIONAL REGISTRATION FEES	ARRS Members	Nonmembers
Subspecialists Tips Categorical Course	\$280	\$480
Pitfalls Categorical Course	\$280	\$480

2019 Virtual Meeting Frequently Asked Questions

Q. When will the Virtual Meeting be held?

- A. The meeting will be held Sunday, May 5–Friday, May 10, 2019, and will be broadcasted live online based on the Hawaii Standard Time (HST).

Q. What is the registration deadline?

- A. The regular registration deadline for the meeting will be April 3. After April 3, late registrations will only be accepted online through May 10. To obtain the best registration rates, plan to register by the early-bird deadline of March 1.

Q. Does my membership need to be current in order to attend at the ARRS member rate?

- A. Yes, to receive the discounted member registration rates, your ARRS membership must be current at the time of registration as well as for the duration of the meeting. If membership has lapsed or will lapse between the date of registration and the conclusion of the meeting, you must either renew your membership or pay the nonmember registration fees. Discounted meeting registration fees are a benefit for current ARRS members.

Q. Can I become an ARRS member to take advantage of registration savings?

- A. Absolutely! Nonmembers may apply for membership and receive the Virtual Meeting member registration fee discount. Nonmembers should submit a membership application with the Virtual Meeting registration form by fax or mail prior to April 30 to receive the member registration fee discount. After April 30, you must register for the Virtual Meeting at the nonmember registration rate.

Q. Will I receive a registration confirmation?

- A. Registration confirmations are emailed to registrants. It is important to provide your email address with your registration materials to ensure receipt of your confirmation and any updates regarding the meeting. Make sure the email address provided is set up to accept messages from ARRS so your Virtual Meeting communications do not go to a SPAM or junk mail folder or become blocked entirely.

Q. What is the cancellation policy?

- A. Written requests for cancellations should be sent by email to meeting@arrs.org; by fax to 703-729-4839; or by mail to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109. Written requests for refunds received by April 3 will be processed and refunded by check after the Virtual Meeting minus a 25% nonrefundable cancellation fee. After April 3, cancellations will be processed but refunds will not be issued. Cancellations will not be accepted by telephone. Refund requests of the 25% nonrefundable cancellation fee will not be considered regardless of the registration category, amount paid, or when requested. A submitted registration form online, by fax, or mail serves as acknowledgement, acceptance, and agreement of these cancellation policies.

Q. Can I transfer my Virtual Meeting registration to an Annual Meeting registration?

- A. Yes, you may transfer your Virtual Meeting registration record to an Annual Meeting registration record by providing a written request by email to meeting@arrs.org; by fax to 703-729-4839; or by mail to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109. Written requests received by April 3 will require a \$100 nonrefundable transfer fee in addition to any additional meeting registration fees to make the requested change in the meeting registration record. After April 3, requests to transfer from the Virtual Meeting to the Annual Meeting can only be processed at the ARRS On-site Registration Welcome and Information Center in Honolulu, HI and will require a \$200 nonrefundable transfer fee in addition to any additional meeting registration fees to make the requested change to the meeting registration record.



Not Yet An ARRS Member?

Take Advantage Of Registration Savings & Join Today

APPLY ONLINE

Go to www.arrs.org and click on Membership. Be sure to indicate on the online form that you plan to attend the ARRS 2019 Annual Meeting, and fax your Annual Meeting registration form to ARRS at 703-729-4839 after submitting your online membership application.

DOWNLOAD APPLICATION

Go to www.arrs.org and click on Membership. Send the completed application with your Annual Meeting registration form by fax to 703-729-4839 or mail both documents to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109.

Please visit www.arrys.org/meeting
for up-to-date information and to register online.

FIRST NAME	MIDDLE NAME	LAST NAME	
ADDRESS			
CITY	STATE/PROVINCE	POSTAL CODE	COUNTRY
TELEPHONE + COUNTRY & CITY CODE (IF APPLICABLE)			FAX
EMAIL ADDRESS (CONFIRMATION & COMMUNICATIONS SENT TO THIS EMAIL)			
DEGREES (MD, PhD, etc.)			
NAME(S) OF GUEST(S) (\$125 per guest fee applies, includes Connection Quad admission, beverage breaks, and lunch Sunday-Thursday)			
EMERGENCY CONTACT NAME	TELEPHONE	EMAIL ADDRESS	

GENERAL REGISTRATION	EARLY-BIRD THROUGH 3/1/2019	REGULAR THROUGH 4/3/2019	LATE*/ ONSITE
ARRS PHYSICIAN MEMBER	\$550	\$650	\$750
ARRS EMERITUS MEMBER	\$350	\$450	\$550
ARRS SENIOR RADIOLOGIST SECTION MEMBER	\$450	\$550	\$650
ARRS IN-TRAINING MEMBER	\$225	\$325	\$425
ARRS TECHNOLOGIST/NURSE MEMBER	\$225	\$325	\$425
NONMEMBER	\$1,500	\$1,600	\$1,700

FEE-BASED COURSES Check the course(s) for which you are registering.	ARRS MEMBER	NONMEMBER
<input type="checkbox"/> Sunday, May 5–Tuesday, May 7: Categorical Course: Subspecialist Tips for the Multispecialist	\$230	\$430
<input type="checkbox"/> Wednesday, May 8–Friday, May 10: Categorical Course: Pitfalls, Variants, Pseudolesions: How to Avoid Misdiagnosis	\$230	\$430

All other courses will be selected after you register for the meeting.

SELECT YOUR LUNCHES
 ARRS provides lunch to meeting registrants Sunday-Thursday.
 Please check the days you will be eating lunch provided by the Society.

☐ Sunday
 ☐ Monday
 ☐ Tuesday
 ☐ Wednesday
 ☐ Thursday

Enter the dollar amount for your selections.

General Registration Fee	USD \$
Categorical Course: Subspecialist Tips Fee	USD \$
Categorical Course: Pitfalls Fee	USD \$
Guest Fee (\$125 Per Guest)	USD \$
TOTAL FEES (All fees are in USD):	USD \$

Check Enclosed ☐ (In U.S. funds drawn on a U.S. bank made payable to ARRS)

Credit Card ☐ MasterCard ☐ VISA ☐ American Express

[illegible]

Credit Card #

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Exp. Date

Card Holder's Name

Signature

By entering the event premises, meeting registrants **consent** to photography and video recording and its/their release, publication, or reproduction to be used by the ARRS.

Register by credit card at www.arrs.org or by completing this form. Register by fax with payment by credit card to 703-729-4839 or mail with payment by check in U.S. funds drawn on a U.S. bank to: ARRS, PO Box 418863, Boston, MA 02125-8863. Registrations by telephone will not be accepted.

Audio/Video Recording Policy

Audio/video recording including screen capturing or photography of any ARRS educational offering of any type is not allowed. Violations of this policy will be subject to access termination.

Cancellation Policy

Cancellation requests received in writing by Wednesday, April 3, 2019, to meeting@arrs.org will be processed and refunded by check minus a 25% cancellation fee. After Wednesday, April 3, 2019, refunds will not be issued for any reason. Refund requests for the cancellation fee will not be considered regardless of the registration category, amount paid, or when requested. After April 3, cancellations will be processed but refunds will not be issued. Cancellations will not be accepted by telephone. A submitted registration form online, by fax or by mail serves as acknowledgement, acceptance and agreement of these cancellations policies.

Transfer Policy

You may transfer your in-person Annual Meeting registration record to a Virtual Meeting registration record by providing a written request by email to meeting@arrs.org, by fax to 703-729-4839, or by mail to ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109. Written requests received by April 3 will require a \$100 nonrefundable transfer fee in addition to any additional virtual registration fees to make the requested change in the meeting registration record. Written requests received by April 30 will require a \$200 nonrefundable transfer fee in addition to any additional virtual registration fees to make the requested change in the meeting registration record. After April 30, requests to transfer from the Annual Meeting to the Virtual Meeting cannot be processed.

ARRS 2019 VIRTUAL MEETING REGISTRATION FORM

Please visit www.arrs.org/meeting for up-to-date information and to register online.

FIRST NAME	MIDDLE NAME	LAST NAME
ADDRESS		
CITY	STATE/PROVINCE	COUNTRY
TELEPHONE + COUNTRY & CITY CODE (IF APPLICABLE)		FAX
EMAIL ADDRESS (CONFIRMATION & COMMUNICATIONS SENT TO THIS EMAIL)		
DEGREES (MD, PhD, etc.)		

GENERAL REGISTRATION	EARLY-BIRD THROUGH 3/1/2019	REGULAR THROUGH 4/3/2019	LATE THROUGH 5/10/2019*
ARRS PHYSICIAN MEMBER	\$650	\$750	\$850
ARRS EMERITUS MEMBER	\$450	\$550	\$650
ARRS SENIOR RADIOLOGIST SECTION MEMBER	\$550	\$650	\$750
ARRS IN-TRAINING MEMBER	\$325	\$425	\$525
ARRS TECHNOLOGIST/NURSE MEMBER	\$325	\$425	\$525
NONMEMBER	\$1,600	\$1,700	\$1,800

CATEGORICAL COURSE: SUBSPECIALIST TIPS FOR THE MULTISPECIALIST	
ARRS MEMBERS	\$280
NONMEMBER	\$480

CATEGORICAL COURSE: PITFALLS, VARIANTS, PSEUDOLESIONS: HOW TO AVOID MISDIAGNOSIS	
ARRS MEMBERS	\$280
NONMEMBER	\$480

Audio/video recording including screen capturing or photography of any ARRS educational offering of any type is not allowed. Participants who violate this policy will have access terminated.

***Late registrations will only be accepted online from April 4–May 10.**

Virtual Meeting Registration Fees

Enter the dollar amount for your selections.

General Registration Fee	USD \$
Categorical Course: Subspecialist Tips Fee	USD \$
Categorical Course: Pitfalls Fee	USD \$
Total Fees (All fees are in USD):	USD \$

Check Enclosed ☐ (In U.S. funds drawn on a U.S. bank made payable to ARRS)

Credit Card ☐ MasterCard ☐ VISA ☐ American Express

Credit Card #

Exp. Date /

Card Holder's Name

Signature

Registration Policies

Register by credit card at www.arrs.org or by completing this form. Register by fax with payment by credit card to 703-729-4839 or mail with payment by check in U.S. funds drawn on a U.S. bank to ARRS, PO Box 418863, Boston, MA 02125-8863. Registrations by telephone will not be accepted.

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Cancellation Policy

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Transfer Policy

You may transfer your Virtual Meeting registration record to an in-person Annual Meeting registration record by providing a written request by email to meeting@arrs.org, by fax to 703-729-4839, or by mail to ARRS, 44211 Statestone Court, Leesburg, VA 20176-5109. Written requests received by April 3 will require a \$100 nonrefundable transfer fee in addition to any additional meeting registration fees to make the requested change in the meeting registration record. After April 3, requests to transfer to the Annual Meeting can only be processed at the ARRS On-Site Registration Welcome and Information Center in Honolulu, Hawaii and will require a \$200 nonrefundable transfer fee in addition to any additional meeting registration fees to make the requested change to the meeting registration record.

www.arrs.org/meeting

Register by **March 1** to receive the lowest rates!

FUTURE ARRS MEETING DATES

2020 Annual Meeting

May 3–8

Sheraton Grand Chicago
Chicago, IL

2021 Annual Meeting

April 18–23

Marriott Marquis San Diego Marina
San Diego, CA

2022 Annual Meeting

May 1–6

Hyatt Regency
New Orleans, LA

2023 Annual Meeting

May 7–12

Marriott Wardman Park Hotel
Washington, DC

2024 Annual Meeting

May 5–10

John B. Hynes Veterans Memorial
Convention Center
Boston, MA



Can't come to Honolulu, Hawaii?
Participate online with the Virtual Meeting.

