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Welcome to Austin!

Austin has been recognized as a city with a culture of innovation and invention; much like the field of Interventional Radiology. The AVIR has been tirelessly working to plan our Annual Meeting— and what better city to connect with our IR colleagues than Austin, Texas! We as interventional technologists get to be a part of a field that is constantly evolving through innovation. How lucky are we?!

The AVIR has continued to lead initiatives to support the growth of our field and specialty. We have been working with thought leaders on our Vascular and Interventional Education Pathway Initiative to standardize the educational content and programs available throughout the country. We have also worked with our partner, Medlantis to diversify and expand our educational content available to all of you.

It has been an honor to serve as Vice President of the AVIR this past year and I am so excited to continue this year as President. I feel as though my last couple of years serving on the Board of Directors we have been making strides forward whether it has been through educational offerings, chapter growth, or our even our increased outreach to let more people know about the AVIR. This, in my opinion, is only the tip of the iceberg and can’t wait for what is in store this upcoming year. I thank each one of our members for allowing me the opportunity to serve with this team.

This will be my fourth annual meeting as a member of the AVIR Board of Directors and I could not be more excited. So much hard work goes into making the annual meeting a success and making sure it fits the needs of our members. As a TEAM, we try to create a meeting where you not only get to hear innovative and relevant lectures from some of the top leaders in the field of Interventional Radiology, but we also try to create an atmosphere where those in our field can come to network and learn from one another. This networking and learning from lectures, will ultimately create a better patient experience for everyone that we care for. One of the best things for me at the annual meeting is the positive energy and excitement from having a group of individuals from all over the world coming together and sharing their love for Interventional Medicine and patient care.

I encourage each and every one of you to soak up as much as you can during your time at the annual meeting. Listen to the amazing lectures, go see the latest and greatest products at the vendor booths, network with one another, and make sure you come say Hi to me and the rest of the Board of Directors. We would love to personally meet each of you to hear your thoughts and ideas, see how we can help with local chapters, share how you can become more involved within the AVIR. I look forward to meeting each and every one of you, and I hope you all have an amazing experience in Austin!!!
AVIR PROGRAM CHAIR’S MESSAGE
SAMANTHA KOBEISSI MPH, RT R VI

For the past year, I have been working on putting forth a program that is tailored to your educational needs. Focusing on exciting new procedures, topics that you may not see at your institution or practice, and procedures that you know all about! Sometimes we get caught up in our work day and are too busy to stop and take in educational points. That is why we are here! Sit back, relax, and enjoy what we have to offer about the interventional radiology (IR) world. We have selected top-notch speakers around the nation that are avid AVIR supporters. Motivation and dedication are key and that is what each and every one of our speakers come with. They all have something to bring to the table-something you can take home with you and share with your coworkers and team. We are all here to learn, become well-rounded technologists, and find new ways to provide efficient procedures and care to our patients.

This year, my theme is to focus on Vital Roles as interventional radiologic technologists. We have a vital role when it comes to IR procedures. We are important team players that bring something special to our field. We are a cohesive part of the IR team that provides minimally invasive and lifesaving procedures. We are VITAL! Thank you for all you do for our patients. Thank you for your dedication, hard work, and efforts in providing special care. I respect the work we do, the information we bring, and enthusiasm we display. That is exactly why I decided that Vital Roles is suitable for our theme. Keep up the good work! Here’s to a great conference in Austin, TX! For those of you who have never been, take the time to explore and soak up what Austin has to offer. Let’s make the most out of this conference!

Come over and say hello to the AVIR board! We would love to meet you and learn about where you are from!

USEFUL INFORMATION

Contact AVIR:
For information about Membership, the Annual Meeting or Committee involvement:

Phone: 571-252-7174
Fax: 571-252-7174
Email: sboulter@avir.org
Web: www.avir.org

Questions onsite at the meeting
Call: Spencer Boulter 703-975-4647

NOTEWORTHY & NETWORKING EVENTS

SIR 2019

The AVIR registration fee includes participation in SIR symposia, plenary sessions, scientific sessions, workshops, exhibit hall, and opening reception. Please note that some SIR programs (ie; workshops) may require an additional fee or advanced registration.

SIR OPENING RECEPTION

Saturday March 23, 6:30-7:30 PM
JW Marriott
Don’t miss out! The complimentary annual Opening Reception is open to all attendees and registered guests. Enjoy this great opportunity for informal networking and relaxation with colleagues and friends. All hotels are within short walking distance.

SIR EXPO

Sunday, March 24
12:00 PM – 5:00 PM
Monday, March 25
9:30 AM- 5:00 PM
Tuesday, March 26
9:30 AM – 3:00 PM
Wednesday, March 27
9:30 AM – 1:00 PM
Vendor expo located on the main level of the Austin Convention Center convienant walk way over
Coffee, lunch and snacks will be served in SIR’s exhibit hall during the day:
Morning break from 10:00 AM - 10:30 AM,
Lunch from 12:00 PM - 1:00 PM,
Afternoon break from 2:30 PM - 3:00 PM,
Late afternoon break from 4:30 PM - 5:00 PM

AVIR POSTER RECEPTION

Monday, March 25th
10:45 PM - 11:45 PM
Location: Expo, Halls 2-4
Austin Convention Center

WIFI

The SIR 2019 Annual Meeting Wi-Fi Network is: SIR2019
While we look forward to providing you with an exciting agenda and many networking opportunities this year, we hope that you have time for an adventure as well. Austin has plenty to offer, from food, entertainment, sightseeing, and tons of outdoor activities.

This is just a short list of some things that may interest you. We hope you have a great time learning and enjoying the city!

**NIGHTLIFE**

Austin has a legendary music scene; ranging from blues, rock, country, and folk. From small stages, clubs, and dance halls there is something for everyone.

- Library Bar
- 3Ten
- Palm Door on Sixth
- ACL Live at the Moody Theatre
- Austin 360 Amphitheatre
- Coyote Ugly Saloon
- Spin Austin
- Max’s Wine Dive

**CASUAL DINING**

Moonshine Patio Bar and Grill
Roaring Fork
Koriente
Second Bar + Kitchen
La Volpe

**FOOD TRUCK EATS**

Ch’ Lantro
Hot Mess
Kebabalicious
Chutney Bites

**FINE DINING**

The Driskill Grill
Chez Nous
Wink
Red Ash

**TOURIST ATTRACTIONS**

- Texas Capitol – 1100 Congress Avenue. Built in 1888, the structure was designated as a National Historic Landmark in 1986.
- Ann W. Richards Congress Avenue Bridge – home to one of the largest urban bat colony in North America.
- Stevie Ray Vaughan Statue – Auditorium Shores. Open to the public, 24 hrs a day.
FLOOR PLANS

Society of Interventional Radiology Downtown Hotels

Co-Headquarter Hotels
1. Hilton Austin
2. JW Marriott Austin

3. Courtyard/Residence Inn Austin
4. Fairmont Austin
5. Four Seasons
6. Hampton Inn & Suites Downtown
7. Hyatt Place Austin Downtown
8. Westin Austin
CONTINUING EDUCATION CREDITS

OBTAINING CREDITS
To obtain continuing education credits, you MUST for each attended presentation: Scan your RFID bracelet for each session and fill in your AVIR Approval # in your program book.

FOR YOUR RECORDS
Record each session number in your program book. An official audited certificate itemizing the sessions you attended will be available for download from the AVIR website within 30 days at http://www.avir.org. You must have an AVIR account to receive your credits.

ARRT
YOU are required to submit your annual meeting course listing and certificate as documentation of your attendance directly to ARRT. AVIR does NOT send the documentation to them.

CLINICAL ASSOCIATES
Continuing medical education credits (CMEs) are provided as approved by the Society of Interventional Radiologists (SIR). To receive credits, attendees must be registered for the AVIR Annual Meeting and attend the SIR session.

TECHNOLOGISTS
Category A and Category A+ continuing education units are offered as approved by the Association of Vascular and Interventional Radiographers (AVIR).

This year’s program offers up to 22 CEU credits. SIR sessions are only CME accredited this year. If you need to earn Category A ARRT credits you must attend the AVIR Conference at the Hilton Austin Hotel.

NURSES
Contact hours will not be provided for AVIR sessions this year.

FREQUENTLY ASKED QUESTIONS

1) When can I expect to have my credits available electronically?
CE credits will be posted on the AVIR website two weeks after the close of the Annual Meeting. Attendees must have an AVIR account to access their credits.

2) My hospital wants a certificate ensuring I attended the meeting, when can I expect proof of my attendance at the meeting?
Proof of attendance will be provided upon request. To submit a request send an email to AVIR headquarters at sboulter@avir.org. Certificates will be provided within 48 hours of the request.

3) What continuing education opportunities does the AVIR have available throughout the year?
The AVIR online Educational Portal offers 12 new directed readings per year, as well as a select number of webinars.

Additionally, our unique partnership with Medlantis allows our members one free webinar from their website monthly. Finally, our local chapters sponsor regional meetings throughout the year. Check the website for local offerings.

4) How do I find out if there is a local AVIR Chapter in my area?
All active local Chapters are listed on our website. If there isn’t a Chapter in your area consider starting one! Our Director at Large, Hannah Smith, can provide the necessary information to start your own local chapter.

5) Can I attend SIR Sessions and get Credit? How do I obtain the certificates?
All AVIR attendees can attend any SIR session. However, for 2019 SIR is NOT approving any of their sessions for ARRT approval. Only CME credits will be provided this year. If you attend an SIR sessions your name badge will be scanned and SIR will issue your certificate(s) of attendance.
6) I’m already a member of the ASRT, should I join the AVIR?

The AVIR is the premiere organization dedicated to the education of VI Technologists. Throughout the year, our educational material is carefully reviewed and selected by an educational committee to ensure that it represents the very best in continuing education for VI technologists. Additionally, our meeting is uniquely aligned with SIR, affording our members access to lectures by internationally renowned Interventionalists, and networking opportunities not available at other meetings.

7) Does the AVIR have any resources available for VI Board Prep?

Tuesday morning March 26. Our past president and executive council member, Alisha Hawrylack will walk you thru a VI Workshop. This all morning session focuses on the fundamentals of IR with an emphasis on VI Board Prep. Participants are given a mock registry to complete and are able to participate in a post-test discussion, reviewing the content and of the mock exam and asking questions as needed.

GET INVOLVED!

Committees need a strong representation of members. Please consider joining one or more of these committees. It is a great way to be involved in the decisions of the association.

- **Nominating Committee**: Prepares the ballot for the general election.
- **Ethics/Judicial Committee**: Considers any ethical or judicial question regarding the policies of the Association or Local Chapters or actions of the members of the Association.
- **Education Committee**: Responsible for continuing education programs; reviewing and approving the educational program of meetings/seminars endorsed by the national Association; and for assisting other organizations, including local chapters, in planning the content of educational meetings/seminars in which the Association will be endorsing (e.g. Regional AVIR Meetings).
- **Fellowship Committee**: Reviews applications for admission as a Fellow of the AVIR and elects as Fellows those applicants who satisfy the relevant criteria. Committee members are required to have AVIR Fellowship status.
- **Award of Excellence Committee**: Reviews nominations for the Award of Excellence (AOE) and elects most qualified nominee who satisfies the relevant criteria. AOE committee members shall be recipients of the Award of Excellence.

**Membership Committee**: Reviews membership concerns and supervises membership recruitment efforts. Committee Members should include the Associate Member Representative.

**Finance Committee**: Seeks contributions from outside sources to fund the projects of the Association.

**Chapter Committee**: Members are known as Chapter Liaisons. Each Chapter Liaison is assigned a regional area where they shall be responsible for helping new chapters get started or helping existing chapters with problems and/or questions. This committee is chaired by the Director-at-Large.

**Annual Program Committee**: Plans and conducts the Annual and Regional Meetings of the Association.

**Publications Committee**: Develops and implements policies and guidelines regarding the relationship between the Association and publishers of professional journals and other publications in the field of CV and IR. The committee oversees the newsletter and other publications of the Association.

**Associate Members Committee**: Reviews associate member concerns and supervises associate membership recruitment. Committee members shall have associate membership status.

**Web Site Committee**: Reviews and recommends to the AVIR Board content to be placed on AVIR Web site.

8) Where can I get more information on the ARRT changes regarding VI Technologists and how they will impact me?

Please join us for our Business Meeting on Tuesday March 26th to learn about the updates to the ARRT's Educational Requirements by Kristen Welch. This presentation will highlight the Structured Education and Continuing Qualification Requirement.

9) How do I become involved with the AVIR?

Contact us to express your interest, as well as to find out more regarding open positions or opportunities to become more involved. We always love hearing from our membership.

10) What is this VIEP info going around that we are starting to hear about?

The AVIR is pleased to announce a session at our annual AVIR Business meeting Tuesday March 26, detailing our new educational initiative, the Vascular Interventional Education Pathway.
GOLD MEDAL AWARD
DR. KIERAN MURPHY

Each year at our annual meeting, the AVIR presents the very prestigious Gold Medal Lecture Award. This Award is named after one of our organization’s founding members, Shari Ulman. Without Shari’s unwavering dedication, countless efforts and commitment, this organization would not be in its good standing we are today. She held numerous Board of Directors positions such as Secretary/ Treasurer, Vice President, President and Immediate Past President. Shari played a key role in ensuring the AVIR with had a strong foundation and financial stability. Shari continued her commitment to the organization as the External Liaison working on the Care Bill. She was instrumental in helping to direct the content of that bill and lobbying in Washington DC. She believed so strongly in the need for this bill she never let up or gave up...much like her own life. In 2008 Shari lost a two-decade long battle with breast cancer. Each year we recognize a physical with outstanding and extraordinary contributions to the AVIR and Interventional Radiology in Shari’s name. This year, we are very thrilled and honored to present this noble award to Dr. Kieran Murphy.

Professor Kieran Murphy MB BAO BCH FRCPC FSIR graduated in 1986 from the Royal College of Surgeons in Ireland. During his 6 years in Med school he spent time overseas developing primary health care projects with Tibetan refugees with whom he still maintains involvement today. He initially pursued the surgical pathway with primary Fellowship in Surgery and BSc in Anatomy, before becoming interested in medical innovation and moving to Radiology Residency at Albany Medical Center, Albany Ny. He completed his Radiology residency and Neuroradiology fellowship at the University of Michigan, Ann Arbor, and Interventional Neuroradiology fellowship at University of Geneva. He was then recruited by Johns Hopkins University to lead the Division of Interventional Neuroradiology from 1998 to 2008. During that time he filed 60 patents on new medical devices, pioneering new routes, techniques and approaches to complex spine and neurovascular and CSF pathologies. He has started 8 medical device companies, two in France, 2 in Canada, 4 in the US. He has authored over 160 peer reviewed publications, published several textbooks and mentored over 60 residents and fellows. He was recruited by University of Toronto and University Health Network in august 2008 as Professor and Vice Chair of Radiology and Deputy Chief of the UHN Department of Medical Imaging. He launched and led UHN’s international Health care program, successfully negotiating with the Kuwait, Bahrain, Qatar, and Saudi governments. From 2012 he has been Director of Clinical Faculty at the Techna Research Institute. He has been heavily involved in developing a culture of innovation, incubating and entrepreneurial behaviour in the Techna and UHN faculty. His devices are used 60,000 a year world-wide. His current focus is on spine augmentation, radiofrequency ablation of bone metastatic disease, ozone in disk herniations, anti oxidant use in radiation injury reduction, and global medical education through www.medlantis.com. He was awarded the Society of Interventional Radiology Innovator of the Year award in 2015, and was nominated for the 2016 Manning Innovation award. He is Senior Technology Advisor to TVM private Equity, and Shore Private Equity.

Please join us on Sunday March 24th, 2019 at 8:00 am when we present Dr. Murphy with this award and for his Gold Medal Lecture.

GOLD MEDAL AWARD RECIPIENTS

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Institution</th>
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<tr>
<td>2018</td>
<td>Dr. Wael Saad</td>
<td>University of Michigan Health System, MI</td>
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<td>2017</td>
<td>Dr. John Fritz Angle</td>
<td>University of Virginia, VA</td>
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<td>2016</td>
<td>Dr. Michael Dake</td>
<td>Standford University, CA</td>
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<td>2015</td>
<td>Dr. Jafar Golzarian</td>
<td>University of Minnesota, MN</td>
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<td>2014</td>
<td>Dr. Barry Katzen</td>
<td>Miami Cardiac &amp; Vascular Institute, FL</td>
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<td>2013</td>
<td>Dr. Gary Siskin</td>
<td>Albany Medical Center, NY</td>
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<td>2012</td>
<td>Dr. Alan Matsumoto</td>
<td>UVA Health, VA</td>
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<td>2011</td>
<td>Dr. Buddy Conners</td>
<td>Baptist Memphis, TN</td>
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<td>2010</td>
<td>Dr. Wayne Yakes</td>
<td>Swedish Medical Center, CO</td>
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<td>2009</td>
<td>Dr. John Aruny</td>
<td>Yale New Haven, CT</td>
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<td>2008</td>
<td>Dr. David Hunter</td>
<td>University of Minnesota Medical Center, MN</td>
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<td>2008</td>
<td>Mary Kay O’Brien RT, R, CV, FAVIR</td>
<td>Henry Ford Hospital, MI</td>
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<td>2007</td>
<td>Dr. Donald Denny, Jr</td>
<td>Princeton Medical Center, NJ</td>
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<tr>
<td>2006</td>
<td>Carol Mascioli RT, R, CV, FAVIR</td>
<td>Miami Cardiac &amp; Vascular Institute, FL</td>
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<td>2005</td>
<td>Dr. Brian Stainken</td>
<td>University of Md. Hospital, MD</td>
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PRESIDENT’S AWARD OF EDUCATIONAL EXCELLENCE 
ALLISA MORGAN RT(R)

The AVIR is pleased to introduce our 2019 recipient of the President’s Award of Educational Excellence, Ms. Allisa Morgan.

Allisa Morgan is currently enrolled in the Charles J. Tegtmeyer Program of Interventional Radiology and Special Procedures at the University of Virginia. The President’s Award of Educational Excellence is designed to honor a VI student who demonstrates a passion for Interventional Radiology through their commitment to patient care, research and innovation, and pursuit of continued learning.

Allisa has been described as having an outstanding work ethic and a passion for learning. Her instructors and physicians she works with have also stated that while she is proficient in angiographic technique, knowledge of available equipment, and angiographic filming her true strengths lie in her excellent bedside manner and ability in developing a rapport with her patients. Her character is developed beyond her years; she is thoughtful, patient, and collaborative with everyone she works with.

For these reasons, we are honored to present Ms. Morgan with the AVIR’s 2019 Presidents Award of Educational Excellence!
W. L. Gore & Associates Congratulates
Jessica Borgas, RT, R, VI

2019 recipient of The Association of Vascular and Interventional Radiographers

Award of Excellence

Thank you, Jessica, for going the extra mile in the field of interventional radiology, taking action to improve daily life for patients, peers, physicians, and hospital staff. Your compassion and professionalism are an inspiration to those in your hospital and community.

Gore proudly sponsors the AVIR Award of Excellence. Founded in 1958, we are devoted to exceeding expectations — through superb product design, a culture of collaboration and utmost dedication to customers. We know excellence when we see it, and sincerely appreciate others who are also always working for a better solution.

Thank you, Jessica, for going the extra mile in the field of interventional radiology, taking action to improve daily life for patients, peers, physicians, and hospital staff. Your compassion and professionalism are an inspiration to those in your hospital and community.

Gore proudly sponsors the AVIR Award of Excellence. Founded in 1958, we are devoted to exceeding expectations — through superb product design, a culture of collaboration and utmost dedication to customers. We know excellence when we see it, and sincerely appreciate others who are also always working for a better solution.

Jessica has a passion for teaching and serves as a Clinical Instructor for the Vascular Interventional Radiologic Technology Internship within her hospital. In an effort to expand the educational offerings in her area, she also was an integral part to starting the first ever Jacksonville AVIR chapter which she serves as Chapter President.

In addition, she makes contributions to the community by being active in several local charity events and has also assisted in high school boot camps to promote awareness for the field of Radiology.

One colleague stated, “She is genuinely passionate about the field of Interventional Radiology and is determined to make a positive impact on the field anyway she can”. Jessica is trusted, respected, and seen as a role model by her colleagues and it is our pleasure to name her as the 2019 AVIR Award of Excellence recipient.
We’re looking forward to catching up with all our Interventional Radiology friends at SIR 2019.

This year, our popular booth Education Theater program features even more expert sessions across our IO and Vascular portfolios. To view our full SIR 2019 events program or to register for the educational sessions, please visit www.btgmeetings.com.

**BTG EDUCATION THEATER PROGRAM**

**SIR 2019, MARCH 24-27**

**SUNDAY 24**

12.00-1.00PM  
**Session 1**  
*Optimizing Y90 Glass Microsphere Treatment Planning*  
**John D. Louie, MD**  
Stanford University School of Medicine, Stanford, CA

2.30–3.00PM  
**Are You Making the Most of Varithena®?**  
**Amjad Alkadri, MD**  
Vein & Laser Institute, Valparaiso, IN

4.30-5.00PM  
**Lung Cryoablation: Why Choose ICE?**  
**Robert Suh, MD**  
Ronald Reagan UCLA Medical Center, David Geffen School of Medicine at UCLA, Los Angeles, CA

**MONDAY 25**

10.00-10.30AM  
**Evolution of Y90 Data: Palliative to Curative Intent**  
**Ryan Hickey, MD**  
NYU Langone Medical Center, New York, NY

12.00-1.00PM  
**Innovations in PE Treatment with EKOS® Therapy**  
**Keith M. Sterling, MD, FSIR**  
Inova Alexandria Hospital, Alexandria, VA

2.30–3.00PM  
**Two-Year Data on the World’s First Bioconvertible IVC Filter: The SENTRY Trial**  
**Jayson S. Brower, MD**  
Inland Imaging, Spokane, WA

4.30-5.00PM  
**Building a Y90 Program in a Community Setting**  
**Pavan Khanna, MD**  
St. Joseph Medical Center, Stockton, CA

**TUESDAY 26**

10.00-10.30AM  
**Are You Making the Most of Varithena®? – Challenging Anatomy**  
**Amjad Alkadri, MD**  
Vein & Laser Institute, Valparaiso, IN

12.00-1.00PM  
**Epidemiology, Current Treatments, Outcomes and Case Studies for Renal Cancer**  
**Christos Georgiades MD, PhD, FSIR, FCRSE**  
Johns Hopkins University School of Medicine, Baltimore, MD

4.30-5.00PM  
**The Science Behind EKOS® Therapy**  
**Curtis Genstler, MD**  
BTG, Bothell, WA

**WEDNESDAY 26**

10.00-10.30AM  
**Cryoablation and Cryoneurolysis: What Do We Know?**  
**J. David Prologo, MD**  
Emory University School of Medicine, Atlanta, GA

12.00-1.00PM  
**Multidisciplinary HCC Case Review**  
**Moderator: Vijay Ramalingam, MD**  
Ochsner Clinic, New Orleans, LA  
**Interventional Radiologist: Nora Tabori, MD**  
Medstar Washington Hospital Center, Medstar Georgetown University Hospital Center, Washington, DC  
**Hepatologist: Saira Khaderi, MD, MPH**  
CHI Baylor St. Luke’s Medical Center, Houston, TX  
**Surgical Oncologist: Robert C.G. Martin, II, MD, PhD, FACS**  
University of Louisville School of Medicine, Louisville, KY

These events are not considered part of the SIR 2019 Meeting as planned by the SIR 2019 Meeting Committee. SIR will not provide CME credit for these activities.

**VARITHENA® IMPORTANT SAFETY INFORMATION:** The use of Varithena® is contraindicated in patients with known allergy to polidocanol and those with acute thromboembolic disease. Severe allergic reactions have been reported following administration of liquid polidocanol, including anaphylactic reactions, some of them fatal. Observe patients for at least 10 minutes following injection and be prepared to treat anaphylaxis appropriately. Intravascular or extravascular administration of polidocanol can cause severe necrosis, ischemia, or tissue death. Patients with underlying arterial disease may be at increased risk for tissue necrosis. If intra-arterial injection of polidocanol occurs, consult a vascular surgeon immediately. Varithena® can cause venous thrombosis. Therefore, follow administration instructions closely and monitor for signs of venous thrombosis after treatment. Patients with reduced mobility, history of deep vein thrombosis or pulmonary embolism, or recent (within 3 months) major surgery prolonged hospitalization, or pregnancy are at increased risk for developing thrombosis. The most common adverse events observed were pain/discomfort in extremity, injection site hematoma or pain, common femoral vein thrombosis, superficial thrombophlebitis, and deep vein thrombosis. Physicians administering Varithena® must be experienced with venous procedures, possess a detailed working knowledge of the use of the duplex ultrasound in venous disease and be trained in the administration of Varithena®. For full prescribing information, please refer to www.varithena.com/prescribing-information. EKOS and the EKOS logo are trademarks of EKOS Corporation. EKOS is a registered trademark in the US, EU and certain other territories. Varithena is a registered trademark of Provensis Ltd. BTG Sentry is a trademark and/or registered trademark of Novate Medical Limited. Imagine where we can go. BTG and the BTG roundel logo are registered trademarks of BTG International Ltd. BTG and the BTG roundel logo are registered trademarks in the US, EU and certain other territories. Biocompatibles UK Ltd and EKOS Corporation are BTG International group companies. © 2019 BTG International Ltd. All rights reserved. US-EKO-1900067 Date of preparation February 2019.
Having worked in a multi-disciplinary department (IR, Vascular, Cardiac, and Neuro) for several years and recently making the move to industry, I fully believe that the AVIR is a valuable resource to all of those in the world of Interventional Medicine. I have had the privilege to serve as Director at Large and Vice President with an amazing team and am honored to serve as President of such an amazing organization. As a member of the AVIR board of directors, I look forward to continuing my passion of providing relevant educational opportunities that reflect the always changing field of Interventional Medicine. I also look forward to creating opportunities for the professionals in our field to network with one another, through meetings on the local and national level and through social media. I believe in doing so, it will help provide the best patient care possible and help provide public awareness of all the life changing treatments our field provides.

In my 24+ years of experience in Interventional Radiology most of the positions I’ve held have been in leadership roles. My extensive background and proven track record includes leading large teams of over 200 staff, designing and opening new state of the art Radiology departments, leading process improvement projects, etc. At Memorial Sloan Kettering Cancer Center, we have one of the largest IR departments in the nation. Performing more than 22,000 procedures annually and growing at a rate of 5%-7% per year. This does not include the renowned work done in our IR Research Lab. Our accomplishments are all credited to our incredible team. One of my primary goals is to have technologists seen and respected as clinicians, which we are well on our way towards at MSKCC. The AVIR is the key to help achieve this goal across the nation. In the NYC area, the AVIR is not well known. My first step towards overcoming this challenge was the creation of the NYC Chapter in October of 2018. Despite my position, I remain an IR Tech at heart. In a profession where career paths seem limited, my passion to elevate technologists by providing relevant continuing education and creating different career paths, will not change. I believe the knowledge and experience I have gained throughout my career will benefit the AVIR and will complement the continued growth and excellence in our profession.
I have been involved with the AVIR since 2013 and the Virginia Program Chair for the past two years. I am currently the Virginia Chapter head and most recently I was appointed to the AVIR Education Committee, where I contribute directed readings and test question for AVIR members to access through the AVIR website.

Continuing education is vital to a person’s growth and development in the IR field. I am very passionate about this, since our field is ever growing and changing.

I look forward to serving as the AVIR Director at Large, promoting Chapter growth, and being a resource to our members.

David Silva
Secretary/Treasurer
I graduated from Quinnipiac University (QU) in 2007 with BS in Diagnostic Imaging. After graduating, I worked as a X-ray technologist from 2007-2010 and enrolled in Radiologist Assistant (RA) program at QU in 2008 where I graduated with a Masters degree in Heath Science as a RA in 2010 as part of the inaugural class of the QU RA Program. I was hired as a Radiologist Assistant in 2010 at Memorial Sloan Kettering Hospital (MSK) where I performed and assisted in several thousand procedures in IR and helped create our IR clinic until January 2019. I was fortunate enough to also become the IR Manager and Manager of the Radiologist Assistant program during the last 2.5 years at MSK. We grew our IR program to be one; if not, the largest program in the country that was built on the work of our IR team that included 34 Technologists and 7 RAs. Our RA program in both IR and Diagnostic Radiology is the largest program in the country that had 12 RAs on staff. I have since left MSK to be closer to home and accepted a new challenge in growing the IR program and RA program at Stamford Hospital in Stamford, CT as a RA. I’ve given lectures at various meetings and conferences as well as met with several legislative officials to promote the field for Technologists and RAs. I hope to continue to promote our field and advocate to further career paths of Technologists and RAs.

Katy Unferth, BSN, RN
Associate Liaison
Medical College of Wisconsin
KatyUnferthAVIR@gmail.com
I have been a registered nurse for over 15 years. I decided to pursue a career within Interventional Radiology because I was very interested in the procedural aspect of nursing. I have grown to be incredibly passionate for our patient population and the cutting-edge procedures we perform every day. I am involved in several groups within my own organization that work to improve education, workflows, and communication between different roles and departments. I enjoy teaching others and participating in team building exercises. I am beyond elated to serve as the AVIR’s associate liaison to continue to build on my own professional development and to help establish an environment of collegiality between IR professionals.

Julie Orlando RT(R)(CV)
Program Chair
Vascular Institute of Virginia
jorlando@teamviv.com
Julie Orlando graduated from the Charles J. Tegtmeyer Program of Interventional Radiology and Special Procedures at the University of Virginia in 1998. She has been a vascular interventional technologist for more than 18 years and currently works at Vascular Institute of Virginia where she functions as a clinical manager, staff educator, and certified clinical research coordinator. A member of the AVIR since 2012, she now serves as a member of the Outreach Committee. She is dedicated to informing others about the professional and personal benefits of AVIR membership. She has presented a lecture on Prostate Artery Embolization for the AVIR at the national meeting in Atlanta in 2015 and has presented multiple scientific posters as well.
Dana Bridges Kanfoush  
Corporate Liaison  
danakanfoush@gmail.com  
I started my own company a few years ago and am selling for multiple manufacturers, including several wonderful companies that I have represented since 2004. In this arena, I have tried to use my experience as a sales rep to create custom sponsorship programs and build AVIR’s base of corporate support. A few of my professional accomplishments include being a published author in journals (i.e., Developmental Psychology & The Sport Psychologist), periodicals (i.e., Nephrology News & Issues), and a developmental psychology text book (Social Development in Childhood and Adolescence: A Contemporary Reader). I have been a proud AVIR board member for many years and hope I can continue to support the people who have supported me throughout my career.

Samantha Kobeissi, MPH, RT, R, VI  
Annual Meeting Chair  
University of Michigan  
SamanthaAvir@gmail.com  
As an interventional radiologic technologist working at Michigan Medicine, I have expanded my level of knowledge in the field of Interventional Radiology (IR). I am fortunate enough to work alongside inspiring physicians; Dr. Khaja, Dr. Majdalany, and Dr. Saad, amongst many others who are individuals who I call my mentors. With the help of these individuals, my motivation, interest, and involvement in IR has grown. I am an individual who loves to see others succeed and better their education. For this reason and with the help of my mentors, I became involved in the AVIR.

My ultimate goal is to take part in a cohesive team that provides educational tools and resources to the IR community across the globe. Working closely with the AVIR has done just that. Education is something I set as a high standard and to me being able to provide educational opportunities to others is my goal.

David Douthett  RT (R) (CV)  
Publication Chair  
dsdouthet@gmail.com  
I have been involved in Interventional Medicine since X-Ray School when we were using Schonander Film Changers and had to pull the patients on a wood board, which was sitting on the X-ray table. It has been many Angios ago. After working at 3 different Hospitals and several different clinics for 20 some years, I ended up in the commercial end of the business. Again 3 different commercial companies, to be currently working at W.L. Gore & Associates with in the Endovascular end of the business doing the EVARs and TEVARs. I keep my license current as you always want to leave a back up plan at hand. I have been active in the AVIR since 1993 and have been the Publication Chair since 1995. I have had the pleasure of working with alot of great folks over the years and look forward to every year. This is hands down the best thing I have ever done and I love doing it.

Sandra Strycker, RT, R  
Outreach Committee  
University of Wisconsin  
sandrastryckerAVIR@gmail.com  
Sandra A. Strycker graduated from Froedtert Hospital and the Medical College of Wisconsin Program of Radiology at the University of Milwaukee-Wisconsin in 2008. She was employed at Children’s Hospital of Wisconsin for 10 years, where she received the Spotlight Award in 2012, 2013, 2014, and 2015. In 2016, she pursued her career as a Neuro and Body Special Procedures Technologist at the University of Wisconsin-Madison Hospital where she is currently employed.

In 2017, she joined the AVIR as Secretary Treasurer. She served one term as the Secretary Treasurer before moving forward as a member on the Outreach Committee. The Outreach Committee is comprised of various members who collaborate together to develop promotional/marketing material, as well as grow Chapter start-ups and AVIR membership. Her dedication to the Interventional Radiology field is evident through her commitment with AVIR and patient care. “I look forward to seeing what the future holds for us as IR technologists in a fast paced, medically advance field.”
As the continuing education guidelines for imaging technologists continue to evolve, the AVIR promises to provide more to our membership to meet these needs through:

• Monthly updated Directed Reading Journal CEs
• Unlimited Access to webinars through our partner, Medlantis
• FREE monthly CE credits through Medlantis
• AVIR Annual Meeting (30+ CE credits)
• NEW- Online VI Board Exam Review and Mock Registry
• Regional Meetings and VI Board Reviews
• Quarterly Newsletters with Interventional Radiology’s hottest topics
• Discounted Conference Registration Through our Partner Associations Like: ISET and GEST
• Professional Networking
• Local Chapter Events - AVIR has several active State Chapters throughout the US!
• Monthly Educational and Annual Meeting Emails
• Our credits will meet the NEW coded ARRT CE guidelines

ONE-YEAR ACTIVE MEMBERSHIP – $95
## SCHEDULE AT A GLANCE (Schedule subject to Change)

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<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>ROOM</th>
<th>SPEAKER(S)</th>
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<tbody>
<tr>
<td></td>
<td><strong>SUNDAY, MARCH 24, 2019</strong></td>
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<tr>
<td><strong>0700-0730</strong></td>
<td>Continental Breakfast</td>
<td>Austin Grand Ball Room</td>
<td>Continental Breakfast</td>
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<tr>
<td><strong>0745-0800</strong></td>
<td>President’s Welcome</td>
<td>Austin Grand Ball Room</td>
<td>Kristen Welch, RT R VI FAVIR</td>
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<td>Cheryl Jaglowski-Ho, BSN, RN, CRN</td>
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<tr>
<td><strong>0800-0900</strong></td>
<td>Health of Technologists and Nurses and the Role of Compassion in an</td>
<td>Austin Grand Ball Room</td>
<td>Kieran Murphy, MD, FRCPC, FSIR</td>
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<td>Artificial Intelligence Focused World</td>
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<tr>
<td><strong>0900-1000</strong></td>
<td>IR Lean Sigma Team Improves Patient Experience &amp; Throughput</td>
<td>Austin Grand Ball Room</td>
<td>Alison Owens</td>
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<td>Wowie Parduba</td>
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<td>Carrie Prigel</td>
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<td>Monique Dawson</td>
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<td>Dr. Andrew Demmert</td>
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<td>Dr. Brian Holly</td>
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<tr>
<td><strong>1000-1020</strong></td>
<td>20 min break</td>
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<tr>
<td><strong>1020-1120</strong></td>
<td>Pulmonary Embolism: Management of Acute &amp; Chronic PE</td>
<td>Austin Grand Ball Room</td>
<td>Minhajuddin Khaja, MD, MBA</td>
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<tr>
<td><strong>1120-1220</strong></td>
<td>Cath Lab Academy: An Adjunct to an Orientation Program Using the</td>
<td>Austin Grand Ball Room</td>
<td>Dr. Michael LeGal</td>
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<tr>
<td></td>
<td>Interprofessional Approach</td>
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<td>Alice Silva</td>
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<tr>
<td><strong>1220-1345</strong></td>
<td>Lunch</td>
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<tr>
<td><strong>1345-1445</strong></td>
<td>Leadership &amp; Team Dynamics in Imaging and Interventional Radiology</td>
<td>Austin Grand Ball Room</td>
<td>Cedric Wilson</td>
</tr>
<tr>
<td><strong>1445-1545</strong></td>
<td>Trauma: Bleeds &amp; Embolization Techniques</td>
<td>Austin Grand Ball Room</td>
<td>Gary Siskin, MD</td>
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<tr>
<td><strong>1545-1605</strong></td>
<td>20 min break</td>
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<tr>
<td><strong>1605-1705</strong></td>
<td>Uterine Fibroid Embolization</td>
<td>Austin Grand Ball Room</td>
<td>Janice Newsome, MD</td>
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<td><strong>MONDAY, MARCH 25, 2019</strong></td>
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<tr>
<td><strong>0730-0800</strong></td>
<td>Breakfast with Leadership</td>
<td>Salon J</td>
<td>Nicole Hilvert, RT R VI</td>
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<tr>
<td><strong>0800-0830</strong></td>
<td>Pelvic Venous Congestion</td>
<td>Salon J</td>
<td>Eric Hohenwalter, MD, FSIR</td>
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<tr>
<td><strong>0830-0900</strong></td>
<td>Radiation Safety</td>
<td>Salon J</td>
<td>Victoria Marx, MD</td>
</tr>
<tr>
<td><strong>0900-0930</strong></td>
<td>A Patient’s Perspective: The Other Side</td>
<td>Salon J</td>
<td>Jim Caridi, MD</td>
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<tr>
<td><strong>0930-0945</strong></td>
<td>15 minute break</td>
<td>Salon J</td>
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<tr>
<td><strong>0930-0945</strong></td>
<td>Q &amp; A with Mike &amp; Hannah for Local Chapters</td>
<td>Salon J</td>
<td>Mike Kelly, RT, R.VI, RCIS</td>
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<td>Hannah Smith, RT, R, VI</td>
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<tr>
<td><strong>0945-1045</strong></td>
<td>Extreme IR: AVIR Edition</td>
<td>Salon J</td>
<td>Ziv Haskal, MD</td>
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<td>FSIR (Moderator), Samantha Kobelissi, MPH, RT</td>
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<td>R VI, Alisha Hawrylack, RT R VI, Hyo-Cheol Kim,</td>
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<td>MD Maureen Kohi, MD, FSIR</td>
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<td>James Benenati, MD</td>
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<tr>
<td><strong>1045-1145</strong></td>
<td>Poster Session</td>
<td>Salon J</td>
<td>Kristen Welch, RT R VI, FAVIR</td>
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<td></td>
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<td></td>
<td>Katy Unferth, BSN, RN</td>
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<tr>
<td><strong>1145-1245</strong></td>
<td>Lunch</td>
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<tr>
<td><strong>1245-1315</strong></td>
<td>Neuro-Interventions</td>
<td>Salon J</td>
<td>Sabeen Dhand, MD</td>
</tr>
<tr>
<td><strong>1315-1345</strong></td>
<td>Lymphatic Interventions</td>
<td>Salon J</td>
<td>Bill Majdalany, MD</td>
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</table>
**SCHEDULE AT A GLANCE (Schedule subject to Change)**

<table>
<thead>
<tr>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1345-1445</td>
<td>International IR Perspectives: The Middle East &amp; Africa Chapter</td>
<td>Salon J</td>
<td>Wael Saad, MB.BCh, FSIR (Moderator)</td>
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<td></td>
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<td>Fakhir ElMesri, MD</td>
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<td>Almamoone Justariah, MD</td>
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<td>Charles Sanyika, MD</td>
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<td>Hicham Abada, MD</td>
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<tr>
<td>1445-1500</td>
<td>15 minute break</td>
<td>Salon J</td>
<td>Break</td>
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<tr>
<td>1445-1500</td>
<td>Q &amp; A with Mike &amp; Hannah for Local Chapters (Hallway)</td>
<td>Salon J</td>
<td>Mike Kelly, RT, R.VI, RCIS</td>
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<td>Hannah Smith, RT, R, VI</td>
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<tr>
<td>1500-1600</td>
<td>Twitter Case Files</td>
<td>Salon J</td>
<td>Kumar Madassery MD (Moderator)</td>
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<td>Michelle Maneeseve MD</td>
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<td>Rob Sheridan, MD, RT R VI</td>
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<td>Peter Bream, MD, FSIR</td>
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<td>AJ Gunn, MD</td>
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<tr>
<td>1600-1630</td>
<td>Carotid Interventions</td>
<td>Salon J</td>
<td>Parag Patel, MD, FSIR</td>
</tr>
<tr>
<td>1630-1700</td>
<td>Interventional Oncology</td>
<td>Salon J</td>
<td>Beau Toskich, MD</td>
</tr>
<tr>
<td>1715-1815</td>
<td>Vendor Product Showcase - informal networking event (with free beverages)</td>
<td>Salon J</td>
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</table>

**TUESDAY, MARCH 26, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>0730-0800</td>
<td>Breakfast with Leadership</td>
<td>Salon J</td>
<td>Joe Woo, RT R VI</td>
</tr>
<tr>
<td>0800-0830</td>
<td>Percutaneous Fistula Creation</td>
<td>Salon J</td>
<td>John Aruny, MD</td>
</tr>
<tr>
<td>0900-0930</td>
<td>TEVAR, EVAR, &amp; Endoleaks</td>
<td>Salon J</td>
<td>Bulent Arslan, MD, FSIR</td>
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<tr>
<td>0930-0945</td>
<td>15 minute break</td>
<td>Salon J</td>
<td>Break</td>
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<tr>
<td>0930-0945</td>
<td>Q &amp; A with Mike &amp; Hannah for Local Chapters (Hallway)</td>
<td>Salon J</td>
<td>Mike Kelly, RT, R.VI, RCIS</td>
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<td>Hannah Smith, RT, R, VI</td>
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<tr>
<td>0945-1045</td>
<td>CLI Fighters to the Rescue: Salvage that Limb!</td>
<td>Salon J</td>
<td>Kumar Madassery, MD (Moderator)</td>
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<td>Mark Lessme, MD</td>
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<td>Kyle Cooper, MD</td>
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<td>Michael Nguyen, MD, PhD DABR</td>
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<tr>
<td>1045-1115</td>
<td>Geniculate Artery Embolization</td>
<td>Salon J</td>
<td>Sandeep Bagla, MD</td>
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<tr>
<td>1115-1145</td>
<td>IVC Filter Placement &amp; Retrieval</td>
<td>Salon J</td>
<td>Osman Ahmed, MD</td>
</tr>
<tr>
<td>1145-1245</td>
<td>2019 Business Meeting 2019 Award Presentations: President’s Award, &amp; Award of Excellence Board of Directors Introduction VIEP Detailing Our New Educational Pathway</td>
<td>Salon J</td>
<td>Kristen Welch, RT R VI, FAVIR Mike Kelly, RT R VI, RCIS 2019-2020 Board of Directors</td>
</tr>
<tr>
<td>1245-1400</td>
<td>Lunch</td>
<td>Salon J</td>
<td>Lunch</td>
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<tr>
<td>1400-1430</td>
<td>Complex Biliary Interventions</td>
<td>Salon J</td>
<td>Kelvin Hong, MD</td>
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<tr>
<td>1430-1500</td>
<td>Ablations: Cryo, Microwave, &amp; RFA</td>
<td>Salon J</td>
<td>Trevor Downing, MD</td>
</tr>
<tr>
<td>1500-1530</td>
<td>Complex Pulmonary Interventions &amp; Multidisciplinary Approaches through PERTs</td>
<td>Salon J</td>
<td>Akhilesh Sista, MD</td>
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<tr>
<td>1530-1545</td>
<td>15 minute break</td>
<td>Salon J</td>
<td>Break</td>
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<tr>
<td>1530-1545</td>
<td>Q &amp; A with Mike &amp; Hannah for Local Chapters (Hallway)</td>
<td>Salon J</td>
<td>Mike Kelly, RT, R.VI, RCIS</td>
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<td>Hannah Smith, RT, R, VI</td>
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<tr>
<td>1545-1645</td>
<td>TIPS &amp; DIPS: State of the Art</td>
<td>Salon J</td>
<td>Wael Saad, MB.BCh, FSIR</td>
</tr>
<tr>
<td>0800-1245</td>
<td>VI Board Review</td>
<td>Salon K</td>
<td>Alisha Hawrylack, RT R VI</td>
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</table>
MEET OUR PRESENTERS

**Hicham T. Abada, M.D.**
Cleveland Clinic Abu Dhabi

Dr. Hicham T. Adaba received his M.D. from the University of Algiers in Algiers, Algeria. He then completed his Radiology Residency and his fellowship in Interventional Radiology at the University of Brussels in Brussels, Belgium. He is currently employed as Chef of the Interventional Radiology Department with the Cleveland Clinic Abu Dhabi. Dr. Abada is presently active with the American College of Radiology, Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Radiological Society of North America (RSNA), Société Algérienne de Radiologie et d’Imagerie Médicale (SARIM), Société Française d’Imagerie Cardio-Vasculaire (SFICV), Société Française de Radiologie (SFR), Society of Cardiovascular Computed Tomography (SCCT), and the Society of Interventional Radiology (SIR). Dr. Hicham T. Abada has over 20 years of experience giving international and national lectures, seminars, and instructing laboratories. He has over 100 published scientific presentations and exhibits as well as being a workshop director for 8 international conferences. We are thrilled to have Dr. Hicham T. Adaba share his expertise with us at this year’s AVIR Annual Meeting!

**Osman Ahmed, MD**
University of Chicago
Chicago, Illinois

Dr. Osman Ahmed completed his medical training at the University of Illinois in Chicago. He attended the University of Chicago for his Radiology Residency and Stanford Hospital for his Interventional Fellowship. He currently serves as an Assistant Professor with Rush University. At Rush, Dr. Ahmed is involved in several initiatives including serving as the Director of IR Research and Deep Vein Thrombosis Clinic. Dr. Ahmed has been recognized as a leader in the community of IR as well. He has served as the Course Director for the Midwest Vascular and Interventional Radiology Medical Student Symposium. Dr. Ahmed serves as an Editorial Board Member for the Journal of Vascular and Interventional Radiology where he’s been recognized as a Top Reviewer. His clinical interests include the treatment of PAD, caval filter retrieval, and Interventional Oncology.

@TheRealDoctorOs

**John Aruny, MD**
Yale University Hospital, New Haven

Dr. John Aruny completed his medical training at Autonomous University of Guadalajara in 1983. He then completed a fellowship with Harvard Medical School at Brigham & Women’s Hospital. His radiology residency was completed at New York Medical College and his Vascular and Interventional Fellowship achieved at New York University. Dr. Aruny currently serves as an associate professor and co-chief of Vascular and Interventional Radiology with Yale University. Dr. Aruny is a long time advocate of AVIR and named our Gold Medal Lecture Award recipient in 2009. An annual contributor to the Shari Ulman foundation he has also been a presenter for our organization for previous annual meetings. He has given several presentations to our organization at our annual meeting. In 1993 Dr. Aruny was named a ‘Distinguished Reviewer’ for the editorial board of The Journal of Vascular and Interventional Radiology. In 2003 he was given a visiting professorship at The Alfred Hospital in Melbourne, Australia. His clinical interests include the treatment of peripheral vascular disease and aortic aneurysm repair. Dr. Aruny serves as a reviewer for the Journal of Vascular Access and the JVIR. He’s served on several board of directors with the National Kidney Foundation, Vascular Access Society of the Americas, Society of Interventional Radiology, and the Radiological Society of North America.

**Bulent Arslan, MD, FSIR**
Rush University
Chicago, Illinois

Dr. Bulent Arslan received his MD from Marmara University School of Medicine in Istanbul, Turkey. He then completed his Radiology Residency and Vascular and Interventional Radiology fellowship at the University of Rochester. He currently is an Associate Professor and Director of Vascular and Interventional Radiology as well as the fellowship program at Rush University, which he joined in 2012. Dr. Arslan has participated in numerous clinical trials, authored articles in peer-reviewed journals, many abstracts, and book chapters and has presented at national and international meetings. His research and clinical interests include endovascular management of aortic pathology and endovascular interventions for critical limb ischemia. Dr. Arslan has also been a live case presenter for Vascular Interventional Advances, Transcatheter Cardiovascular Therapeutics, and VEITHsymposium. Dr. Arslan is an advocate for technologist education and serves on our Vascular and Interventional Education Pathway Committee working to standardize the education available to IR techs across the country.

@arslanmd
Sandeep Bagla, MD
Vascular Institute of Virginia
Woodbridge, Virginia

Dr. Sandeep Bagla completed his fellowship in Interventional radiology from George Washington University and INOVA Alexandria Hospital. He founded iExplain, a company dedicated to improving patient care through the development and distribution of digital healthcare solutions. He is also the co-founder of JiggleMed, a mobile app for healthcare professionals and medical device industry to interact and learn current techniques from one another. He currently heads a busy outpatient IR practice in Woodbridge, Virginia, where he is also involved in a number of medical device research projects, as a principal, co-principal, and sponsor-investigator.

@SandeepBagla

James Benenati, MD
Baptist Cardiac & Vascular Institute
Miami, Florida

Dr. Benenati is the Medical Director of Interventional Radiology at Baptist Hospital. He is also clinical associate professor of radiology at the University of South Florida College of Medicine. Dr. Benenati was honored as Fellow in 1998. He has many book chapters including: Determining End Points for Critical Limb Ischemia Interventions. Techniques in Vascular and Interventional Radiology and Superficial femoral artery interventions. He currently has 91 publications with topics on Techniques and Devices for Catheter-Directed Therapy in Pulmonary Embolism and Outcomes over Time in Patients with Hostile Neck Anatomy Undergoing Endovascular Repair of Abdominal Aortic Aneurysm.

James Caridi, MD

Dr. James G. Caridi attended the University of Florida in Gainesville for his M.D. and fellowship where he trained with Dr. Dick Hawkins. His unique training allowed for appointments as an associate professor of surgery, pediatrics, and radiology. Dr. Caridi is widely considered one of the world-renowned experts in the use of CO2 angiography.

He currently serves as a professor of IR at Tulane University Medical Center in New Orleans following his years as the chief of IR at the University of Florida College of Medicine and Shands Healthcare. He has been involved in several research trials and has many publications in journals ranging from American Journal of Radiology, American Journal of Surgery, Radiology, Cardiovascular IR, and the Journal of Vascular IR. He has also served as the King of the Krewe of Pontchartrain during Mardi Gras in New Orleans and has a mean bead throwing arm. He was voted SIR Outstanding Faculty in 2010, has received numerous Residents Teaching Awards, was voted one of Louisiana’s Top Physicians, and was also voted as one of 50 Health Care Heros in New Orleans in 2017.

Peter Bream, MD, FSIR
University of North Carolina
Chapel Hill, North Carolina

Dr. Peter Bream completed his Doctor of Medicine at the University of North Carolina. He attended the University of Alabama Birmingham for his Radiology Residency and Vascular Interventional Fellowship. Dr. Bream served as faculty at Vanderbilt University prior to taking his current role as a Clinical Professor with the University of North Carolina. Dr. Bream was recognized by the American College of Radiology in 2015 by receiving the Gold Medal Merit for work he did in resident education. He also serves as a board reviewer for the American Board of Radiology.

@mcBreamy

Dr. Kyle Cooper
Loma Linda University
Loma Linda, California

Dr. Cooper obtained his IR fellowship at the Miami Cardiac and Vascular Institute in 2016 and served as IR attending at Michigan Medicine until 2018. He then made his way to the sunny state of California to serve as Assistant Professor of Radiology in IR, at Loma Linda University. His research interests include Medical management and endovascular intervention for the treatment of chronic venous /caval occlusive disease and superficial and deep venous insufficiency of the extremities and Etiology, natural evolution and treatment of aortic aneurysmal disease and dissection, including medical management and endovascular intervention. He has peer reviewed journals and publications including: Removal of T-fasteners immediately after percutaneous gastrostomy tube placement: Experience in 488 patients and Management of Type II Endoleaks.

@KyleCooperMD
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Sabeen Dhand, MD
Presbyterian Intercommunity Hospital
Whittier, CA
One of Whittier’s most reputed Diagnostic Radiology Specialist Dr. Dhand has an outstanding 9-year experience in its subject. He is working as a Doctor of Diagnostic Radiology in Whittier, CA. He is now working with Lambert Radiology Medical Group, Inc in a group of other 13 Doctors. Dr. Dhand obtained its degree in Diagnostic Radiology from 2009.
@SDhandMD

Andrew Gunn, MD
University of Alabama
Birmingham, Alabama
AJ Gunn, M.D. graduated magna cum laude from Brigham Young University in Provo, UT earning a BS in exercise physiology with a minor in sociology. He then returned home to South Dakota to attend medical school at the University of South Dakota. During medical school, he participated in the competitive Howard Hughes Medical Institute – National Institutes of Health Research Scholars Program and was awarded the Donald L. Alcott, M.D. Award for Clinical Promise. He graduated summa cum laude in 2009. He completed his diagnostic radiology residency at the Massachusetts General Hospital of Harvard Medical School in Boston, MA followed by a fellowship in vascular and interventional radiology at the Johns Hopkins Hospital in Baltimore, MD where he served as chief fellow. Prior to joining the faculty at the University of Alabama at Birmingham, Dr. Gunn worked as an attending interventional radiologist at Washington University School of Medicine in St. Louis. He has written and lectured regarding patient-centered care in radiology and has interests in the clinical aspects of interventional radiology in addition to patient safety and quality of care. Currently, he is spearheading the division’s efforts to establish an outpatient interventional radiology clinic. He serves as a reviewer for multiple journals and as a section editor for a national database of teaching files tailored to radiology trainees. Clinically, Dr. Gunn practices the full spectrum of interventional radiology with a special focus on treating cancer through minimally-invasive techniques such as chemoembolization, radioembolization, and ablation. Additionally, he has interest in IVC filter retrievals and treating women with uterine fibroids.
@ajgunnmd

Trevor Downing, MD
Wake Forest Baptist Health
Winston-Salem, North Carolina
Dr. Trevor Downing completed his Radiology residency at Wake Forest and his IR fellowship at the University of Michigan. He has since returned to Wake Forest School of Medicine, where he is currently an assistant professor. Some of his recent clinical research projects include stent-graft repair of celiac artery pseudoaneurysm, locoregional therapy for hepatocellular carcinoma, and lymphatic interventions for chylous ascites.

Ziv Haskal, MD, FACR, FAHA, FSIR, FCIRSE, FBSIR
University of Virginia
Charlottesville, Virginia
Dr. Ziv Haskal received his MD from Boston University School of Medicine in Boston Massachusetts. He completed his Diagnostic Radiology Residency and Fellowship with the University of California in San Francisco. He currently serves as a Professor of Radiology at the University of Virginia in Charlottesville, Virginia. As a sought after educator, he has given more than 500 invited lectures worldwide and has been awarded numerous honorary fellowships, national, international, and societal awards for leadership, service, and research excellence. He has designed, participated and led more than 40 research trials. He has published more than 400 scientific manuscripts, chapters, abstracts, and editorials in journals. He co-founded the world’s largest scientific congress on Embolization (GEST) and led

Dr. Fakhir F. Elmasri
Radiology and Imaging Specialists, P.A.
Lakeland, FL
Dr. Fakhir F. Elmasri received his M.D. and his fellowship from the University of Khartoum in Khartoum, Sudan. Dr. Elmasri continued his education with an Internship at SUNY in Brooklyn, New York followed by his Residency at the Hackensack University Medical Center located in Hackensack, New York. He completed his United States Fellowship at NYU Medical Center in New York, New York followed by an MRI Fellowship at the University of Miami School of Medicine in Miami, Florida. Currently, Dr. Fakhir F. Elmasri is employed at the Radiology and Imaging Specialists, P.A. located in Lakeland, Florida. Dr. Elmasri is active in multiple societies; the New York Roentgen Ray Society, Society of Interventional Radiology, Radiology Society of North America and Pinellas County Medical Society. With research and publications dating back to 1995 Dr. Elmasri has been shaping the field of Interventional Radiology. It is an honor and excitement to have Dr. Fakhir F. Elmasri join us at the 2019 AWIR Annual Meeting!
the Society of Interventional Radiology’s Annual Scientific Meeting. His clinical interests include oncology, portal hypertension, venous disease, liver transplantation, peripheral vascular disease, human gene therapy, and hemodialysis maintenance. Dr. Haskal is the editor in chief of two peer reviewed journals, Journal of Vascular and Interventional Radiology (JVIR) and Gastrointestinal Intervention. He serves in many leadership roles including SIR’s Executive Council, Board of Trustees, and Research Foundation board. He has chaired numerous committees with the American Heart Association, American College of Radiology, and the American College of Cardiology.

@ZHaskal

Alisha Hawrylack, RT, R, VI
University of Virginia
Charlottesville, Virginia

Alisha Hawrylack completed her Radiography schooling with the University of Virginia in Charlottesville, VA. She then attended the Charles J. Tegtmeyer School of Angiography for her vascular and interventional training. Alisha currently works at the University of Virginia where she also serves as the Program Director for the Charles J. Tegtmeyer School of Angiography. This program is a sought after didactic and clinical program training radiologic technologists to become highly skilled interventional professionals. In addition to overseeing the school’s day to day activities, she teaches several classes within the program. Alisha was named the University’s Clinical Instructor of the Year in 2009, 2011, 2014, and 2015 Outside of her institution, Alisha serves on an Advisory Board for Piedmont Virginia Community College’s Radiography program. She has been on the AVIR Board of Directors since 2014 in numerous roles such as secretary, president-elect, and her upcoming role as president. During her tenure with the AVIR she has served as the Chairman of the Education Committee that is dedicated to providing consistent and relevant education to meet the needs of our membership. Alisha played a key role in the development of the AVIR’s new online education portal. She has been an invited lecturer at several AVIR meetings and VI workshops in California, Virginia, Georgia, Vancouver, and Washington DC.

Nicole Hilvert, RT(R)(VI)
Cincinnati Children’s Hospital Medical Center
Cincinnati, Ohio

Nicole Hilvert received her Vascular and Interventional Radiology training at Children’s Hospital of Cincinnati and her formal education at Xavier University in Cincinnati, Ohio. She has worked as a Radiology Technologist before becoming an Interventional Radiology Technologist while at Children’s Hospital of Cincinnati. In her current role at Children’s Hospital of Cincinnati, Ms. Hilvert is the Manager of the Translational Research and Simulation Lab as well as the Manager for the Image Guided Surgery Program. As a dedicated Vascular and Interventional Technologist, Ms. Hilvert has several publications and abstracts. She also holds her certification in American Sign Language (ASL).

Eric Hohenwalter, MD, FSIR
Medical College of Wisconsin
Milwaukee, Wisconsin

Dr. Eric Hohenwalter completed his medical training and Radiology Residency at the Medical College of Wisconsin. He attended the prestigious Dotter Institute in Portland for his Vascular and Interventional Radiology Fellowship. Dr. Hohenwalter currently serves as a Professor with the Medical College of Wisconsin in Milwaukee. In 2014, Dr. Hohenwalter was inducted into the Society of Interventional Radiology’s Fellowship. In 2015 he was presented the Clinical Abstract of the Year by SIR at their Annual Scientific Meeting in Atlanta, Georgia. This abstract was the first detailed experience with convertible venous cava filters. He serves on several committees dedicated to improving workflow and efficiency within VIR and was even presented the Nursing Quality Assurance Improvement Award.

Kelvin Hong, MD

Dr. Kelvin Hong completed his Fellowship as an Interventional Radiologist at Johns Hopkins University where he is presently the Director and Division Chief, as well as an associate professor of Radiology. He has published numerous articles from closure devices, to chemoembolization, and endovenous laser ablation. He has authored multiple book chapters and has also edited a book titled Percutaneous tumor ablation: strategies and techniques. His Expertise: includes Chronic Total Occlusions, Claudication, Deep Vein Thrombosis (DVT), Interventional Oncology, Peripheral Arterial Disease (PAD), Peripheral Vascular Disease, Prostatic Artery Embolization (PAE), Radiofrequency Ablation, Uterine Fibroid Embolization.

Dr. Almamoon Ibrahim Justaniah, MD
King Abdullah Medical City,Makkah, Saudi Arabia

Dr. Almamoon Ibrahim Justaniah received his Medical degree from Umm Al Qura University in Saudi Arabia and his Master degree in Bioethics from Case Western
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Reserve in Cleveland Ohio. Dr. Justaniah continued with he’s Residency training at King Abdulaziz Specialist Hospital in Taif, Saudia Arabia as well as his General Surgery Internship and Diagnostic Radiology Residency at Tufts University School of Medicine in the United States. Dr. Justaniah completed his Fellowship in Abdominal and Vascular Interventional Radiology at Harvard Medical School. Currently, Dr. Justaniah is the Chair of Medical Imaging and the Director of the Interventional Radiology Fellowship training program at King Abdullah Medical City, Makka, Saudia Arabia. Dr. Justaniah has several publications and abstracts both internationally and nationally. He has been awarded best manuscript, best case, and featured abstract in 2014. He is currently President of the West Coast Interventional Radiology Club in the Saudi Arabia, Medieval Radiologyst. Chair of the Medical Imaging and Intervention Department at King Abdullah Medical City, as well as a Reviewer for the Journal of Vascular and Interventional Radiology (JVIR) publication. Dr. Almamoon Ibrahim Justaniah also serves as a Reviewer for the Arab Journal of Interventional Radiology (AJIR) publication as well as a Member of the Research Committee for SIRS in Jeddah Saudi. Lastly, Dr. Justaniah is an Advising and Teaching Medical Mentor for The Saudi Cultural Mission to the United States of America.

Hyo-Cheol Kim, MD
Seoul National University Hospital
Seoul, Korea

Dr. Kim resides in Korea and is an IR Clinical Professor at Seoul National University Hospital. He was awarded Cum Lauda Award in 2004 at the Radiological Society of North America (RSNA)- 90th Scientific Assembly and Annual Meeting for - Hepatocellular carcinoma treated with transcatheter arterial chemoembolization: spectrum of collateral vessels and their suggestive findings. His publications include: Imaging Evaluation Following 90Y Radioembolization of Liver Tumors: What Radiologists Should Know and Cone Beam CT-Guided Chemoembolization of Probable Hepatocellular Carcinomas Smaller than 1 cm in Patients at High Risk of Hepatocellular Carcinoma. He is currently JVIR associate editor and journal reviewer.

Samantha S. Kobeissi MPH, RT R VI
Michigan Medicine
Ann Arbor, Michigan

Samantha obtained her Bachelor of Science with a major in Radiologic Sciences from Wayne State University in Detroit, Michigan. She is currently employed at Michigan Medicine as an interventional radiologic technologist where she trains all incoming IR technologists. Samantha obtained her Master of Public Health in 2017 at the University of New England. She is heavily involved in the education aspect of interventional radiology with the support and help of her mentors Dr. Minhajuddin Khaja, Dr. Wael Saad, and Dr. Bill Majdalany. She had a first place poster at AVIR in D.C. 2017 in the scientific category on the topic of Iatrogenic Vascular Access Pseudoaneurysms: Spectrum and Treatment Techniques. She then became involved with the AVIR and started her own Chapter: Wolverine State Chapter of Interventional Radiology. In 2017, Samantha was nominated as AVIR Annual Program Chair for the annual conference held in Austin, TX- 2019. She currently has co-author on 5 published articles in the Journal of Radiology Nursing (JRN). @SSkobeissi

Maureen Kohi, MD, FSIR
University of California, San Francisco

Dr. Kohi obtained her IR training at the University of California, San Francisco where she currently is Division Chief of Vascular and Interventional Radiology. In 2017, Dr. Kohi was honored as Fellow of the Society of Interventional Radiology (FSIR). Dr. Kohi is involved in the United States Food & Drug Administration Women’s Health Initiative Task Force. She has many peer...
reviewed publications including: Prophylactic uterine artery embolization to reduce operative blood loss, transfusion requirements, and ICU stay for patients with invasive placenta undergoing cesarean- hysterectomy and Percutaneous Cholecystostomy Tube Placement for Acute Cholecystitis in elderly Patients. She is highly involved in teaching and mentoring residents and fellows.

Mark Lessne, MD
Charlotte Radiology, John Hopkins Hospital

Dr. Mark Lessne completed his medical training with Boston University in Boston, MA. He completed his Radiology Residency and Vascular and Interventional Fellowship with Duke University in Durham, NC. He currently practices with Charlotte Radiology and serves as an adjunct Assistant Professor of Radiology, Graduate Fellowship Program Director, and Physician Assistant Program Director at John Hopkin’s University. Dr. Lessne is a member of Society of Interventional Radiology, Radiologic Society of North America, American College of Radiology, and the North American Society for Cardiovascular Imaging. Dr. Lessne launched the RAD-AID Cancer Imaging and Treatment initiative in 2014 in conjunction with ASRT Foundation and Project HOPE in Yinchuan, China. This program sent the first two delegations to China in 2014. He currently serves as the Director of the Radiology and Radiation Oncology Outreach program where he aims to improve the practice of radiation oncology and IR in China through education and global collaboration. Dr. Lessne has authored several journal articles and given numerous lectures on caval filter removal including the removal of permanent and embedded filters. He serves as a reviewer for the Journal of Urology, Cardiovascular and Interventional Radiology, British Journal Medical Case review, and the Journal of Vascular and Interventional Radiology. Dr. Lessne has been named Teacher of the Year from John Hopkin’s Vascular and Interventional Fellowship as well as Duke University’s Department of Radiology, Medical School, and Physician Assistant Program.

@LessneViR

Bill S. Majdalany, MD
Emory University
Atlanta, Georgia

Dr. Majdalany completed his IR training at Brigham & Women's Hospital/Harvard Medical School in Boston, Massachusetts. He served as an IR attending at Michigan Medicine from 2014 to 2019 as Fellowship Director and was heavily involved in interventional oncology. He recently made the move to Emory University Health System as attending. His research interests include accelerated thrombolysis for post-thrombotic syndrome using the EKOS system and evaluation of success IVC filter placement using IVUS. Dr. Majdalany was awarded the Leadership Development Academy- SIR and Grassroots Advocacy Fellowship- SIR award. Dr. Majdalany has many peer-reviewed journals and publications including: Intravascular Ultrasound-Guided Intervention for May-Thurner Syndrome and Radiofrequency Wire Recanalization of Chronically Thrombosed TIPS.

@billmajdalany

Michelle Maneeseve, MD
University of Houston
Houston, TX

Dr. Maneeseve attended University of Texas- Houston, where she obtained her MD in 2014. She currently is in Diagnostic and Interventional Radiology residency and is expected to graduate in June 2019! Dr. Maneeseve is involved in the Association of Program Directors in Interventional Radiology where she represents residents for the division of wellness and development. She is also involved in the Women in Interventional Radiology Division of SIR-RFS where she is the social media and communications manager. Amongst all of all of these involvements, she is involved in publications including: The Utility of CT Angiogram in Level 1 Abdominopelvic Trauma as a predictor for Angioembolization and May Thurner Syndrome as an Atypical Cause of Pelvic Congestion Syndrome: A Review of Diagnosis and Management Options.

@mmaneevese
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Victoria Marx, MD
University of Southern California
Keck School of Medicine
Dr. Vicki Marx completed her fellowship in Interventional Radiology at Mallinckrodt Institute. She is currently the director of the diagnostic radiology residency training program and the associate director of the IR residency training program at the University of Southern California in Los Angeles. She presently holds the esteemed position of President of SIR. @MVictoriaMarxMD

Kieran Murphy, MB, BAO, BCH, FRCP, FSIR
University of Toronto
Toronto, Ontario
Dr. Murphy completed his M.D. at the Royal College of Surgeons in Dublin, Ireland. He completed residencies at Albany Medical Center and the University of Michigan. He completed a Neuroradiology Fellowship in Ann Arbor at the University of Michigan and an Interventional Neuroradiology Fellowship at the University of Geneva in Switzerland. He currently serves as the Vice Chair and Deputy Chief of Medical Imaging at the University of Toronto in Ontario, Canada. Dr. Murphy has 60 patents on medical devices dedicated to furthering innovation in Radiology. Dr. Murphy founded Medlantis, a web-based platform for medical education. Dr. Murphy was extremely instrumental in the partnership between Medlantis and AVIR dedicated to advancing the knowledge and skill sets of Interventional technologists and allied health professionals.

Janice Newsome, MD
Emory University
Atlanta, Georgia
Dr. Janice Newsome completed her Radiology residency at the Medical College of Virginia and obtained her fellowship from Miami Cardiac & Vascular Institute. She has served as the director of IR and associate professor of Radiology and Imaging Sciences at Emory in Atlanta, Georgia since 2015. She has been involved in numerous community outreach projects, formal and supervisory teaching positions, as well as a highly sought after invited lecturer. @angiowoman

Michael P. Nguyen, MD, PhD, DABR
Austin Radiological Associates
Austin, TX
Dr. Nguyen completed fellowship training for Interventional Radiology at the Miami/Baptist Cardiac and Vascular Institute in Miami, Florida. He currently works as an Interventional Radiologist with the Austin Radiological Associates group in Austin, TX. In 2013, he was awarded one of Houston’s “Top Docs”, in Interventional Radiology in Houstonia Magazine! Dr. Nguyen has multiple publications including Endovascular Repair of a Subtotal Transected Subclavian Artery & Hepatic perfusion and hemodynamic effects of transjugular portosystemic shunts.

Parag Patel, MS, MD, FSIR
Medical College of Wisconsin
Milwaukee, Wisconsin
Dr. Parag Patel completed his MD and his Radiology Residency with Loyola University. He then completed his Vascular and Interventional Fellowship with Miami Baptist Cardiac and Vascular Institute. He currently serves as an Associate Professor at the Medical College of Wisconsin where he also serves as the VIR Residency and Fellowship Programs. In 2016 Dr. Patel was inducted into SIR’s prestigious fellowship. He serves as a Journal Reviewer for the Journal of Vascular and Interventional Radiology and an Oral Examiner for the American Board of Radiology. He serves as a representative on the VIR subcommittee for RSNA. Dr. Patel serves in several capacities with SIR including positions as Graduate Medical Division Councilor with the Executive Council and Chairman of the IR Advisory Council. Dr. Patel has given presentations for the Southeastern WI AVIR. He currently serves on the Vascular Education Pathway Committee with the National AVIR where he is advising the Board of Directors on developing a standardized curriculum for Interventional Technologists. @paragpatel_IR

Wael E.A. Saad, MB.BCh, FSIR
Michigan Medicine
Ann Arbor, Michigan
Dr. Saad completed his medical education at Ain Shams University in Cairo, Egypt. He then completed a vascular surgery internship at John Hopkins University, his radiology residency at the University of Rochester, and his Interventional Fellowship at the Mallinckrodt Institute of Radiology at Washington University. Dr. Saad is currently a professor at the University of Michigan where he serves as the Director of Vascular and Interventional Radiology. Dr. Saad is has been internationally recognized for his expertise in liver disease including transplantation, hepatobiliary disease, and portal hypertension. He has over
Founded in 2017 and hosted in Cairo, Egypt, it is the founding of the Middle Eastern Endovascular Therapy Symposium. His passion for education is demonstrated by his role in North America. One of the most obvious testaments to his commitment to education is the success of MEET IO, MEET Aorta, MEET stroke. Subsequently, MEET has founded the Egyptian Board of IR; a two year IR Fellowship with a SIR/United States IR curriculum, and SIR/ABR board examiners. Dr. Saad is an avid supporter of the AVIR. Not only has he graciously been willing to present for the organization on many occasions, he has been an integral component of the regional Michigan Chapters success. Dr. Wael Saad was also the recipient of the AVIR Gold Medal Award in 2018.

Dr. Charles Sanyika
Wits Donald Gordon Medical Center, Johannesburg, South Africa
Dr. Charles Sanyika completed his medical degree at the University of Zimbabwe, South Africa. He then completed his Radiology Residency at the University of Natal, Durban in South Africa. To further his education, he trained at Saint Thomas and Kings College in London, England. Currently, Dr. Sanyika is employed as the Chief of Interventional Radiology at Wits Donald Gordon Medical Center and as well as a part-time lecturer with Wits University, Johannesburg, South Africa. He serves an active role as a member of the South African Radiology Board Exams and as an Executive Member of the South African Interventional Radiology and Endovascular Therapy Society (SAFIRE) and a member of the Hepato Pancreatico Biliary Association of South Africa (HPBASA). This year will be his first year attending SIR and AVIR, we are honored to hear you lecture at this year’s annual meeting!

Robert Sheridan, RT, R, FAVIR
Massachusetts General Hospital
Boston, Massachusetts
Rob Sheridan is the Director of IR responsible for all aspects of clinical and administrative operations of Interventional Radiology and the direct supervision 100 technical, administrative and nursing staff members supporting IR. Rob manages the overall strategic planning for IR preparing and managing ~20 million dollar operating budget. Functioning in a pure matrix org structure, he also oversees all invasive procedures across the Imaging department across all modalities including US, CT and RF with responsibility for the oversight of Interventional Administrative staff, Interventional technologist, Nursing staff, Nurse Practitioners and Physician Assistants. Director of IR outpatient clinic operations.

In 1996 Rob began as a staff technologist and over the years has worked his way to becoming the Director of IR. He is very involved with the education aspect in IR and has developed an A.S. to B.S. in Imaging Program with IR concentration, Regis College.

Rob has been as AVIR member since 2006. He has been on the board of directors as treasurer, Vice President, and as President.

Dr. Akhilesh Sista, MD, FSIR
New York University
New York, New York
Dr. Akhilesh Sista attended John Hopkins University for his M.D.. He completed his Radiology Residency at the University of California, San Francisco and Interventional Radiology Fellowship at Stanford University. He currently serves as an Associate Professor and Interventional Radiology Section Chief with New York University. He was inducted into the Society of Interventional Radiology’s Fellowship in 2017. He was awarded the Mark A. Creager prize for Research Excellence by the Society of Vascular Medicine in 2018. His research interests include interventional therapy for pulmonary embolism and venous disease. He has served as SIR’s Chair of the Foundation’s Research Consensus Panel on Submassive PE and a Guidelines Committee for Thrombolytic Therapy for Venous Thromboembolism. He currently serves on SIR’s executive council.

Pete Stibbs DHSci, MPH, RPA/RRA, RT(R)VI
Argon Medical
Wesley Chapel, Florida
Pete Stibbs obtained his DHSci, Doctorate in Health Sciences with a focus in Vascular Biology and Venous Research from the University of Nottingham. Dr. Stibbs is an adjunct professor of vascular medicine with the Morsani school of medicine, University of South Florida. He currently works with Argon Medical Devices as a director of global clinical services and physician Education. He continues to practice as a Mid - Level in Interventional Radiology in

240 publications, as well as over 70 book chapters. Dr. Saad is a manuscript reviewer for numerous journals including the Journal of Vascular and Interventional Radiology, Journal of Clinical Imaging, American Journal of Roentgenology, Cardiovascular and Interventional Radiology, and Radiology. He also serves on the editorial board for the American Journal of Roentgenology and the Journal of Clinical Imaging Services. He serves on several committees with the Society of Interventional Radiology and the Radiologic Society of North America. One of the most obvious testaments to his passion for education is demonstrated by his role in the regional IR and endovascular conference. MEET provides a comprehensive IR experience for its attendees through MEET IO, MEET Aorta, MEET stroke. Subsequently, MEET has founded the Egyptian Board of IR; a two year IR Fellowship with a SIR/United States IR curriculum, and SIR/ABR board examiners. Dr. Saad is an avid supporter of the AVIR. Not only has he graciously been willing to present for the organization on many occasions, he has been an integral component of the regional Michigan Chapters success. Dr. Wael Saad was also the recipient of the AVIR Gold Medal Award in 2018.

@io_meet

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Rob has been as AVIR member since 2006. He has been on the board of directors as treasurer, Vice President, and as President.

Dr. Akhilesh Sista, MD, FSIR
New York University
New York, New York
Dr. Akhilesh Sista attended John Hopkins University for his M.D.. He completed his Radiology Residency at the University of California, San Francisco and Interventional Radiology Fellowship at Stanford University. He currently serves as an Associate Professor and Interventional Radiology Section Chief with New York University. He was inducted into the Society of Interventional Radiology’s Fellowship in 2017. He was awarded the Mark A. Creager prize for Research Excellence by the Society of Vascular Medicine in 2018. His research interests include interventional therapy for pulmonary embolism and venous disease. He has served as SIR’s Chair of the Foundation’s Research Consensus Panel on Submassive PE and a Guidelines Committee for Thrombolytic Therapy for Venous Thromboembolism. He currently serves on SIR’s executive council.

Pete Stibbs DHSci, MPH, RPA/RRA, RT(R)VI
Argon Medical
Wesley Chapel, Florida
Pete Stibbs obtained his DHSci, Doctorate in Health Sciences with a focus in Vascular Biology and Venous Research from the University of Nottingham. Dr. Stibbs is an adjunct professor of vascular medicine with the Morsani school of medicine, University of South Florida. He currently works with Argon Medical Devices as a director of global clinical services and physician Education. He continues to practice as a Mid - Level in Interventional Radiology in
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Tampa, Florida/ Lakeland Vascular Institute providing the full range of diagnostic and interventional services in conjunction with scope of practice and facility and credentialing.

@Pandarock5

**Kristen Welch RT R VI, FAVIR**

Siemens

Kristen has been a long time advocate for our organization. She has served as a leader and co-chair for our WI chapter for the last 6 years. Kristen worked at the Medical College of Wisconsin as an Interventional Technologist for 6 years. In this role she helped to precept students and IR technologists. She lectured students of the institution’s IR internship and worked closely with the IR faculty on musculoskeletal research initiatives. Kristen joined the National AVIR’s Board of Directors in 2016 as the Meeting Chair. Kristen has represented our organization on several committees with partner organizations like the ARRT and RSNA. Last year, Kristen was inducted into the AVIR’s fellowship. Fellowship status is a distinction that recognizes those who demonstrate a continued pursuit of excellence in the IR profession. It is reserved for individuals who have established themselves as leaders, educators, and authors. Kristen recently left the clinical field and works with Siemens Healthineers as their Advanced Therapies Education Manager. In this role Kristen curates educational content for the sales team on how image guidance plays a role in Interventional Radiology.

@kristenwelchh

**Luke Wilkins, MD**

University of Virginia

Charlottesville, VA

Dr. Luke Wilkins obtained his Doctor of Medicine from Tulane University. He completed his Radiology Residency with University Hospitals Case Medical Center in Cleveland and his Vascular and Interventional Fellowship with the Medical University of South Carolina in Charleston. Luke currently serves as an Assistant Professor with the University of Virginia. Luke is a great advocate for technologist education and our organization. Luke serves at UVA as the Medical Director of the Charles J Tegtmeyer School of Interventional Radiology and Special Procedures; which has been educating interventional technologists since 1973. Luke has given several presentations to the AVIR, we’re very excited to have him join our program again this year!

@LukeWilkins_UVA

**Joe Woo, RT, R, VI**

Argon Medical

Chicago, Illinois

Joe Woo obtained his education in Radiology from Malcom X College. After receiving his education Joe worked at the University of Chicago for eight years; first as an RT, then moving into an Interventional technologist role where he worked in Neuro and Vascular Interventional Radiology. In 2016 Joe pursued a career in industry as a Clinical Specialist for Argon Medical. In this role Joe is responsible for providing education and presenting medical devices to regional, national, and international interventional teams. Joe is responsible for following up with his customers on the safety, efficiency and effectiveness of Argon’s devices.

@JoeyMohawk003
SAVE THE DATE!
AMAZING POSTER PRESENTATIONS COMING YOUR WAY TO THE AVIR 2019 ANNUAL MEETING

Please join us on Monday, March 25th from 1045-1145 am for the poster abstract session! You are eligible to receive 1 CE credit for attending! This is a great opportunity to see what your fellow AVIR members have been doing in their institutions. This year we have 14 posters being considered for best Original Scientific and best Educational poster ribbons! We will be showcasing the posters along with SIR. Please stay tuned for future details on the location. This is also a great time to network with your fellow colleagues, discuss ideas and ask questions! Looking forward to meeting you all in Austin!

Katy Unferth BSN, RN
Associate Representative

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<thead>
<tr>
<th>Name</th>
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<td>Linda Kusters</td>
<td>Balloon Occlusion Testing for Carotid Sacrifice</td>
<td>Christiana Care Health Systems</td>
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<td>Heather Cleveland</td>
<td>Split Liver vs Whole Liver OLT: Technical Demands of Pediatric Portal Vein Recanalization</td>
<td>Texas Children’s Hospital</td>
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<td>Elizabeth Rodriguez</td>
<td>Standardizing After Visit Summary Instructions to Improve Patient Satisfaction Scores</td>
<td>Froedtert and the Medical college of Wisconsin</td>
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<td>Stefanie Rockwood</td>
<td>IR Efforts to Reduce Length of Stay</td>
<td>Albany Medical Center</td>
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<td>Debra Barnes</td>
<td>The Development of a Technologist Internship Program in Interventional Radiology</td>
<td>Froedtert and The Medical College of Wisconsin</td>
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<td>Evan Kitamura</td>
<td>Pre-surgical Embolization of Head and Neck Lesions in Children: Indications, Techniques and Radiation Dose</td>
<td>The Hospital for Sick Children</td>
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<td>Diane Forbes</td>
<td>Ultrasound Guided Direct Injection of Thrombolytic into AVF Thrombosed Aneurysm</td>
<td>Azura Vascular Care</td>
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<td>Jessica Borges</td>
<td>Interventional Process Redesign for Improved Efficiency</td>
<td>Mayo Clinic</td>
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<td>Erin Eberline</td>
<td>Aortic Type II Endoleak Repair: Review of Indications and Treatment Approach</td>
<td>Michigan Medicine</td>
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<td>Samantha Kobeissi</td>
<td>Chronic Thromboembolic Hypertension treatment with Balloon Angioplasty</td>
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<td>Lisa Schultz</td>
<td>Vein of Galen Malformation</td>
<td>Children’s Hospital of Wisconsin</td>
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<td>Abigail Gaitiu</td>
<td>Pre and Post Interventions for Liver Transplant</td>
<td>Emory Health Care</td>
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<td>Katrina Viau</td>
<td>SpaceOAR: Launching a New IR Service</td>
<td>Mass General Hospital</td>
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EVENTS YOU WON'T WANT TO MISS!

SATURDAY MARCH 23rd

SIR Opening Reception
6:30 p.m.- 7:30 p.m.
Location JW Marriott Austin, Grand Salon 5

SIR Foundation 2019 Gala
Sunday, March 24, 2019
6:30 p.m. cocktails, dinner and program
Entertainment to follow

Four Seasons Austin
98 San Jacinto Boulevard
Austin, Texas 78701

SUNDAY MARCH 24TH

AVIR & ARIN Combined Day General Session
Austin- Hilton

Q & A with Mike Kelly & Hannah Smith for local Chapters
led by: Vice President, Mike Kelly RT, R, VI, RCIS & Hannah Smith RT, R, VI
Monday 9:30-9:45 AM & 2:45- 3:00 PM
Tuesday 9:30-9:45 AM & 3:30- 3:45 PM

AVIR Poster Presentations & Ribbons
10:45 AM - 11:45 PM
Austin Convention Center
Expo Halls 2-4

Vendor Product Show Case (Informal Networking Event)
Monday, March 25th
1715-1815

TUESDAY MARCH 20TH

VI Board Review and Mock Exam
(registration required)
8:00 AM – 12:45 PM
Hilton Austin – Salon K
led by: Alisha Hawrylack, RT, R, VI

AVIR Business Meeting
12:45- 2:00 PM
Hilton – Austin Salon J
Award Presentations:
President’s Award of Educational Excellence

Award of Excellence
AVIR Board of Directors Introduction
Continuing Education Update: Are You Ready?
Led by: Kristen L Welch, RT, R, VI
### Ordering Information

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<th>Product</th>
<th>Catalog No.</th>
<th>Usable Length</th>
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<td>Re-shapable Round curve</td>
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### Highlights include:

- **Optimizing Y90 Glass Microsphere Treatment Planning (session 1)**
  
  *Presented by Dr. John D. Louie*

- **Correlation of the Tc99m-MAA and Y90 Glass Microspheres (session 2)**
  
  *Presented by Dr. Paul Haste*

- **Innovations in PE Treatment with EKOS Therapy**
  
  *Presented by Dr. Keith M. Sterling*

- **Are You Making the Most of Varithena? - Challenging Anatomy**
  
  *Presented by Dr. Amjad Alkadri*

- **Cryoablation and Cryoneurolysis: What Do We Know?**
  
  *Presented by Dr. J. David Prolongo*

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EXTRA!! EXTRA!!! READ ALL ABOUT YOUR EXTRA CREDITS!!

BTG has partnered with AVIR to offer additional credits for RT’s who attend any of the speaker sessions that will take place at their SIR exhibit hall booth (#328) during the SIR breaks from Sunday through Wednesday. The topics, speakers, days and times are listed on their advertisement in our newsletter.

### Extra Credit Opportunities!

- **Half Credit or Full Credit to Any RT’s Who Attended:**
  
  BTG representatives will hand out certificates for either the half credit or full credit to any RT’s who attended. Please support our partner, BTG, and take advantage of these extra credit opportunities!
Whether you are a regular visitor to Austin or this is your first trip, you will have plenty of incredible places to explore. And if you are hoping to figure out why people want to “Keep Austin Weird,” why not start with Austin’s Museum of the Weird? And if “weird” isn’t your thing, you have a ton of other options including checking out some live music venues or eating some local BBQ. Whatever your style, Austin has something for you!

Museum of the Weird

“Austin’s Museum of the Weird” was created by artist-entrepreneur Steve Busti and lives in the back of his store, the “Lucky Lizard.” It features many of the same types of curios you might have encountered in a turn-of-the-century dime museum, including a fejee mermaid. Among the other items shown are a cyclops pig, a hand of glory (supposedly the dried and pickled hand of a man who has been hanged), a two-headed chicken, shrunken heads, and mummies. Followed by a tour of their very own Wax Museum, then you’ll be ushered into a dark room and shown their special exhibit, “The Minnesota Iceman”, a decades-old mystery.

Lastly, you’ll be shown into a theater (where Johnny Depp once stayed) and given a live sideshow performance. A rotating cast means you’ll see “The Black Scorpion” perform a traditional show, John T. Rex hold a live wire in his bare hands, “The Amazing Face” hurt himself, and a three-legged dog. (Note, performers work for tips.)

Live Music Capital of the World!

Ever wonder why Austin is known as the Live Music Capital of the World®? The slogan became official in 1991, after it was discovered that Austin had more live music venues per capita than anywhere else in the nation. Listen closely and you’ll hear the sounds of more than 1,900 bands and performing artists living in and around our city. From blues to indie rock, country to jazz, rock en español and more, Austin’s nearly 250 live music venues mean you can catch a show any day, at almost any time.
Shopping
Style, artistry, quality, experience: though diverse in goods and services, these are the essence of what makes shopping in Austin unique. Austin is known for its eclectic tastes, and retailers here aim to please with a bountiful selection. South Congress (also known as SoCo) is one of the favorite spots for Austin shopping and looking for unique and/or funky finds.

Texas Stars – American League Hockey
The Texas Stars are an American Hockey League in Cedar Park, near Austin with home games at the H-E-B Center. They are owned by the NHL’s Dallas Stars and are that team’s top affiliate.

Fri, Mar 22 7:00PM    Home VS  Chicago Wolves
Sat, Mar 23 7:00PM    Home VS  Grand Rapids Griffins
Wed, Mar 27 7:00PM  Home VS  Manitoba Moose

Dripping Springs Distilling
Dripping Springs Distilling is the home of award-winning Dripping Springs Vodka and Gin, which micro-distills in small batches in proprietary 50-gallon copper pot stills. Each product is finished with pure, mineral rich Hill Country Artesian Spring Water.

The company is also the largest Texas spirits house, with the following additional brands in their portfolio: Paula’s Texas Spirits, Well No. 1876 Vodka, 1876 Texas Straight Bourbon Whiskey, Republic Whiskey, Republic Tequila, Pepe Z Tequila, Martine Honeysuckle Liqueur and Republic Spirit Blends.

Be sure the explore some of the numerous attractions that make Austin “weird” and wonderful!

“Austin – Live Music Capital of the World” Game
During this year’s AVIR/SIR meeting, one of the best ways we can support the companies that sponsor AVIR is to visit their booths in the SIR exhibit hall. In order to give our attendees a little extra incentive to do just that, we’ve created an “Austin – Live Music Capital of the World” game card which will be handed out at registration. The rules are simple … visit the booths of the sponsors listed on the card and receive a sticker or a stamp. (Make sure to ask about any of their new products, too! You might find something that can help you at your facility back home.) Once you’ve gotten as many stickers or stamps as possible, turn the game card back in to the AVIR representatives outside the AVIR conference room at the Hilton Austin (6th floor). The more booths you visit, the more chances you have to enter and win great prizes. Small side note for the early birds … We can’t distribute the stamps and stickers until the exhibit hall opens at 12 pm on Sunday so please give us some time before you start hitting the booths. Thanks for supporting the companies that support you and AVIR!
AVIR extends its appreciation to the following corporate sponsors!

**DIAMOND**

![BTG Interventional Medicine](image)

**GOLD**

![medcomp](image)

**SILVER**

![Cook Medical](image)  
![Gore Medical](image)  
![Bard Peripheral Vascular](image)  
![Argon Medical Devices](image)

**BRONZE**

![Boston Scientific](image)  
![Guerbet](image)  
![Penumbra](image)  
![Burlington Medical](image)  
![Chiesi](image)  
![VentureMed Group](image)  
![AXIMED](image)  
![KM Medical](image)  
![Interventional Pro](image)
I am extremely proud of what the AVIR has accomplished over the last year. We continue to make strides to further our mission; To collaborate with technologists, to grow their passion for Interventional Radiology, strengthen their commitment to patient care, and lead them in their pursuit of continued learning and innovation. We are committed to being the organization of choice for those radiographers and associates interested in Vascular and Interventional Radiology.

When I first got involved with the AVIR I was a very eager and young technologist. I was a first-year RT and I was enrolled in an IR internship at the Medical College of Wisconsin. I was so captivated by everything that I was learning and wanted to absorb all of the knowledge I could. My teacher in my training program invited me to an “after work event” - I had no idea what that meant. I realized after arriving that it was a regional meeting for their Wisconsin AVIR chapter. The talk was on Balloon-Occluded Retrograde Transvenous Obliteration (BRTO). I sat dumb-founded in the audience. This guy was speaking a foreign language to me. At the time, I hadn’t even understood what a TIPS was. A fellow technologist recognized my deer-in-headlights look and helped explain the procedure to me. I felt incredibly welcomed.

After that event I got involved with the Wisconsin chapter and helped to plan similar events. What I love the most about the AVIR is that I’m surrounded by others who have the same passions and interests as myself. I’m extremely excited to work with our incoming Board of Directors so we can continue to help grow that passion throughout the field.
VICE PRESIDENT’S MESSAGE

By Mike Kelly, BSRS, RT(R)(V) RCIS

It has been an honor to serve as Vice President of the AVIR this past year and I am so excited to continue this year as President. I feel as though my last couple of years serving on the Board of Directors we have been making strides forward whether it has been through educational offerings, chapter growth, or our even our increased outreach to let more people know about the AVIR. This, in my opinion, is only the tip of the iceberg and can’t wait for what is in store this upcoming year. I thank each one of our members for allowing me the opportunity to serve with this team.

#CLIFighters: SHIFTING THE PARADIGM OF CARE

By Bailey Ann Estes RN-BC, RCIS, Joji J. Varghese MD, Fadi Saab MD

Peripheral artery disease (PAD) is a debilitating and deadly disease affecting approximately 8.5 million Americans. The morbidity and mortality linked to PAD alone is high, yet the outcomes become devastating when the disease progresses to critical limb ischemia (CLI). The prognosis of CLI is so poor that the survival rates are worse than that for stroke, heart failure, and most cancers. Yet, the general population awareness regarding PAD is only 25%. When the word ‘cancer’ is mentioned people automatically pay attention because they understand the direct connotation between cancer and mortality. When someone receives a diagnosis of PAD or CLI, the same feelings are not conveyed and patients and healthcare workers fall into complacency and false pretenses that this disease is not deadly.

Raising awareness and education regarding PAD and CLI remains one of the biggest challenges in the battle for limb salvage. When CLI is left untreated, the patient proceeds to amputation with a sequela of debility, disability, and depression. Despite the terrible outcomes related to amputation, it appears to remain the first line therapy and standard of practice for many institutions. With the advances in endovascular and surgical revascularization, there is no reason for patients to receive amputations without a proper vascular work up or salvage attempt in this day and age. The burden of these patients falls upon all of us and we must rise up to usher in a new paradigm of care for proper treatment for CLI patients.

The CLI Global society was started in 2016 by a group of physicians to help bridge the gap of vascular care, spread awareness, educate, and promote research focused on CLI patients. The members of CLI Global consist of Radiologists, Cardiologists, Surgeons, Podiatrists, Nurses, Wound Care Specialists, Physical Therapists, Pharmacists, Techs, and more. The multidisciplinary approach is a necessity for these patients, which is why every person of the team is important and necessary, regardless of specialty or discipline. In 2018, CLI Global produced a committee called the #CLIFighters. They have created a movement on social media (Twitter, Facebook, LinkedIn, etc) where we can learn from our colleagues in a practical real world setting as well as encourage each other and celebrate successful outcomes. They have created a platform where physicians, nurses, and techs from across the globe can interact through the sharing of live cases, case reports, technology, techniques, and research.

The implications of advocacy, education, and proper vascular care are paramount. Saving a limb gives that patient the chance to continue to enjoy simple freedoms that can easily be taken for granted, such as walking. Saving a limb gives life and years back to patients which amputation takes away. #CLIFighters aims to change the outdated practice standards and guidelines, while empowering all healthcare professionals to care for these patients. Every voice is needed to speak out to bring attention to this deadly disease and everyone has the ability to make a difference. Join the #CLIFighters community to help make a change.

I encourage each and every one of you to soak up as much as you can during your time at the annual meeting. Listen to the amazing lectures, go see the latest and greatest products at the vendor booths, network with one another, and make sure you come say HI to me and the rest of the Board of Directors. We would love to personally meet each of you to hear your thoughts and ideas, see how we can help with local chapters, share how you can become more involved within the AVIR. I look forward to meeting each and every one of you, and I hope you all have an amazing experience in Austin!!!
My name is Katy Unferth and I am the current Associate Representative for the AVIR. I am so excited about our 2019 annual meeting in Austin, TX—my bags are already packed and I am thinking southern thoughts! I hope it is warm because Wisconsin’s winter has been brutal: we are currently on our fifth snow day of the year! We have some amazing speakers lined up this year sharing their passion of Interventional Radiology (IR) through various topics. I am especially excited about our combined day with ARIN (March 24th) where Nurses and IR Technologists come together to have the opportunity to network with one another and discuss ideas.

Over the last sixteen years I have been lucky to experience nursing in a variety of settings. I spent the beginning of my nursing career working in Internal medicine as a staff nurse. I also was the nurse educator for a short time before I decided I wanted to give critical care nursing a try. After four years in the medical ICU, I reached a point of wanting more autonomy. My greatest exposure to Interventional Radiology occurred when I frequently had to travel with my ICU patients for their procedures. I found the lab fascinating and I could tell the nursing care was much different than I have ever experienced.

Eight years ago, I transferred to IR and have never looked back. I have grown to love procedural nursing and have found myself learning something new each day. I have been involved in many projects and quality initiatives along with my co-workers. I have autonomy in the procedure rooms and have grown to respect and love the relationships that I have established with my Interventional Radiology technologists. My very first encounter with an IR technologist was unique. I had no idea their training and the huge amount of responsibility they had during the procedures. I quickly learned that this person was going to teach me the most of what I needed to know about the procedures. I remember saying “I know how to be a nurse, but I don’t know how to be an IR nurse.” I counted on them for direction and guidance during the cases. The biggest component of this was understanding the IR Technologists role in the procedure or what it is the role accomplishes (what devices are opened or what tool is implanted) means that I only know half of the story for the case. Everything a technologist says or how they react to an Attending’s request...it’s like knowing a second language. Through this exchange of knowledge, we established trust with one another.

Teamwork amongst the nursing staff and IR technologists is key to running a successful case. I have spent the last eight years becoming an expert in this unique specialty and if it wasn’t for their knowledge, guidance, and collaborative approach in caring for our patients...I wouldn’t be the nurse I am today. Open and closed communication, asking questions, being informative and an active listener is all a part of making a case go as smooth as possible. For positive patient outcomes, teamwork and collegiality between nurses and technologists is imperative in our setting. Patients often reflect on how we function well together as a team. I joined the AVIR so as a nurse I could expand on my knowledge in this profession and grow in my relationships with the interventional radiology technologists.

I am so excited to be at the annual meeting this year in Austin! Please come and find me and introduce yourself, I would love to chat. I also will be facilitating the poster abstracts presentations on Monday the 25th. This is a great opportunity to see what your fellow colleagues have been doing in their institutions. It also is a great time to ask questions and learn about this poster abstract process. Interacting and speaking on different IR topics is my favorite! I look forward to seeing you all. As a nurse in this profession I have a highest level of respect and gratitude for all that I have learned and continue to learn in IR. Again, thank you for the amazing work you do every day!
2019 CHAPTER HAPPENINGS
By: Mike Kelly, RT(R), (VI), RCIS

Austin, Texas (HCIR) Hill Country Interventional Radiographers
Contact: Derek Stearns
Email: avirhcxtx@gmail.com

Derek and his team are really motivated to grow this chapter. They have already held three educational meetings with more to come. Please reach out to Derek to see how you can get involved with the HCIR chapter.

Atlanta Chapter
Contact: Teresa Wynn
Email: trtwynn@comcast.net

Contact: Diane Forbes
Email: dianeforbesra@gmail.com

We are excited to now have a team in Atlanta building a local chapter. They have already held two regional chapter events which covered Quality in IR departments and Radial access. The Atlanta chapter is very motivated to grow and keep hosting educational events that is relevant to all of those in their region. The team is continuing to get the word out to area techs and promote their chapter.

They are excited to begin offering education on cutting edge procedures and techniques to the area Technologists. Please follow them on Facebook and Twitter @avir_atl to stay up to date on their chapter happenings.

Arizona, Chapter
Contact: Alfredo Yanez
Email: ayanezavir@gmail.com

The Arizona chapter is based out of Phoenix. Alfredo is currently looking for professionals in the Phoenix area that would like to help get this chapter up and running. Whether you would like to help with planning of events or just be a part of an event, please reach out to Alfredo or the AVIR for more information.

Baltimore Interventional Radiologic Technologist Chapter in Maryland have concern in regards to some legislative issues coming up for approval.

This is a legislative alert from the Maryland Society of Radiologic Technologists. Bills pending in the Maryland State Legislature that could have an impact on the radiologic technology profession and the performance of procedures in Maryland hospitals.

House Bill 924 and Senate Bill 733 would allow registered cardiovascular invasive specialists certified by Cardiovascular Credentialing International to assist cardiologists who are performing fluoroscopy procedures in the cardiac catheterization lab. The cardiologist is required to perform the procedure and must be physically present and personally directing the RCIS who is assisting.

A hearing for SB 733 is scheduled in the Senate Education, Health and Environmental Affairs Committee in West Miller Senate Building Room 2, on Feb. 26 at 1 p.m. A hearing on HB 924 will be held in the House Health and Government Operations Committee in House Office Building Room 240 on Feb. 26 at 1 p.m. The MSRT encourages radiologic technologists in Maryland to attend the hearings to show their unification and support. It is vital to patient safety that ionizing radiation be used only by registered, licensed radiologic technologists with appropriate training and credentials.

You can learn more about the issue and participate in calls to action on the Maryland Advocacy Action Center page.

Boston Chapter
Contact: Rob Sheridan
Email: robsheridanavir@gmail.com

Contact: Brian Oakes
Email: brianoakesavir@gmail.com

The Boston chapter is up and running and just recently held a 5 CE credit event on October 28th at Lahey Hospital. They had some great lectures given by Dr. Irani, Dr. McCarthy, Dr. Schainfeld, Dr. Thabet, and our very own Rob Sheridan. Some of the topics included Complex IR Cases, Radiation Safety, and ATTRACT DVT Trials. This event was just the first of many to come.

They are looking to host another event this summer. So, please keep a look out for that!
Please follow @Boakesavir and @robsheridanavir on Twitter for future events.

Pictured: Brian Oakes and Rob Sheridan

**Chicago (Chicagoland) Chapter**
Contact: Stefanie Manack  
Email: Stefanie.manack@gmail.com

Contact: Chelsea Lafayette  
Email: Chelsea.Lafayette@gmail.com

This chapter has put together a few events in just the short time of being active so be sure to keep up to date on what the Chicagoland Chapter has planned for future events. Please reach out to Stefanie or Chelsea to find out how you can get involved.

**Jacksonville AVIR (Sacksonville)**

E-mail: Sacksonvilleavir@gmail.com

President and Social Media Coordinator: Jessica Borges  
Vice President: Natalie Schiller  
Secretary: Meghan Barber

This team just held their very first chapter event on October 6th. They were so pleased with the turnout and the positive feedback that they are currently planning their next educational event in to be held very soon. Be sure to follow them on Facebook (Jacksonville AVIR) and Twitter @SacksonvilleAVIR for details as they become available. Please reach out to them to get your name on their contact list for future events. They have a great team and really looking forward to working with them.

**Knoxville, Tennessee**

Contact: Dan Bernard  
Email: djbernard@me.com

The TN AVIR just held their annual Conference. This was an all-day meeting open to techs and nurses. The team was very happy with the success of the meeting which was very well attended and featured some of the top physicians in the area. Be sure to follow them on their TN chapter Facebook page. They have been using their Facebook page for chapter communication and to post articles and cases of the month that are always open for discussion. Please join, like and share their page.

The TN Chapter's current board consist of:  
Dan Bernard – Chapter President  
Alan Buck – Chapter Vice President  
Gary Anders – Chapter Secretary/Treasure  
Brad Mitchell – Chapter Director at Large  
Chris O’Fallon – Corporate Liaison

**Indy AVIR**

Contact: Jen Wasmund  
Email: Indyavir@gmail.com

The Indy AVIR chapter is continuing to grow with every educational event that they host. The most recent evening event had 67 attendees. Because of this amazing response to the chapter events, they are currently looking to hold an all-day conference. Follow them on Facebook and Twitter @IndyAVIR to stay up to date on all their latest events. Please reach out to find out how you can become involved.
The Nurses and Technologists Symposium at ISET provided an overview of the latest therapies and technologies in endovascular care, including reviews of diagnostic treatment and management strategies for interventional radiology and neuroradiology, vascular surgery, vascular medicine, and interventional cardiology patients. The program was directed toward comprehensive learning needs of nurses and technologists working in interventional labs, surgery, pre- and post-care, inpatient care, and office practices who care for patients with cardiac and vascular disorders. This year once again, the presence of AVIR members was noted.

The members of MCVI in Baptist Hospital, Miami Florida will like to thank all the attendees for their support. Please remember that AVIR members get a special rate for the ISET tech symposium that this chapter is involved in planning.

The Wolverine State Chapter is based out of Ann Arbor, MI. They have been holding events every couple of months with great speakers and topics. These events are a great way to learn and network with those in your area. Looking forward to seeing what they are planning for next. Please follow them on Twitter @WolverineAVIR. If you are interested in getting involved please reach out to Samantha or Andrea.

NC AVIR is based out of the Charlotte, NC area. This North Carolina chapter will be held their first event on March 28th at the Speedway Club at Charlotte Motor Speedway. Dr. Mark Lessne and Dr. Michael Meuse presented on Peripheral Arterial and Venous Disease to a packed house.
This team did a great job promoting their first meeting and it ended up being very well attended. Please contact Amy or Marcia if you have interest in joining this chapter and finding out more about future events.

North Texas Chapter
Contact: Sven Phillips RT (R)VI
Email: sven427@yahoo.com

Sven and his colleagues are currently in the process of preparing educational opportunities around the Dallas area. Sven is hoping to possibly start holding quarterly meetings. Please reach out to him if you are interested in becoming involved.

Ohio AVIR Chapter
Contact: Jamie Hiott RT (R) CV(M)(CT)(VI)
Email: Hiott1@yahoo.com
Contact: Shelly Brancatelli, MSRS, RPA/RRA, RT(R), CV
Email: brancas@ccf.org

This Chapter will encompass the Columbus and Cleveland areas. This chapter is currently looking for interested professionals that are interested in getting involved. They are currently in the process of developing this chapter and hope to have an event planned soon, maybe even a VI Review. There is huge potential for this chapter!!! Keep your eyes out for more information or reach out to the team for more information.

Orange County California Chapter (OC AVIR)
Contact: Brett Thiebolt (R)
Email: brett.thiebolt@stjoe.org

The Orange County California Chapter has been involved with an Angio Club that meets quarterly for the last few years. Their Angio clubs usually averages about 45 in attendance. They ask multiple facilities in the Orange County and LA area to provide case presentations. They usually ask for teaching cases or cases that have complications. The Angio Club is open to Physicians (IR Radiologists, Cardiologists and Vascular Surgeons), Fellows, Residents, RT’s and Rn’s. Contact Brett to see how you can get involved.

Seattle Chapter
Contact: Cris Cassady RT(R)
Email: christina.cassady@providence.org

Contact: Leona Benson RT (R)(CV) FAVIR
Email: seattleavir@hotmail.com

Leona and Cris have gotten the Seattle chapter back up and running. These ladies currently are planning on a few events for the year so be sure to reach out to them to find out more information. Also, if you are interested in possibly helping with this chapter do not hesitate to reach out to them.

St. Louis Chapter
Contact: Nicole Skrabala
Email: STLchapteravir@gmail.com

The St. Louis chapter is another one of our newest chapters that was started during the national AVIR meeting in L.A. The team is currently promoting the chapter within the region. With great chapter leadership and strong physician backing this chapter should be up and running full force in no time at all. Please reach out and find out how you can get involved. STL Chapter AVIR can be followed by Facebook, Instagram, and Twitter @STLchapteravir
2019 CHAPTER HAPPENINGS

Texas Gulf Coast Chapter (Houston)

Heather Cleveland, who was responsible for relaunching the Gulf Coast Chapter, has recently had some exciting advancements within her education and career and will be making a move to Boston. The AVIR wishes her the best of luck and hope she possibly joins the Boston chapter next!! There has already been interest from two of Heathers colleagues to take the lead with this chapter and possibly give the chapter a new name!!! If you are interested in finding out more information on how you can get involved please contact the AVIR directly!

Utah Chapter
Contact: Ivan Cutler
Email: cutler.ivan@gmail.com

This new chapter will be based in the Salt Lake City area. Ivan is very motivated to get this chapter up and running. Please reach out to Ivan or the AVIR if you are interested in becoming a part of this chapter

Virginia Chapter VA AVIR
Contact: Hannah Smith
E-mail: Hanasmithh1213@gmail.com
Contact: Mike Kelly
E-mail: mikekelly.avir@gmail.com

The VA AVIR held its 16th Annual VA AVIR meeting at Great Wolf Lodge in Williamsburg, VA on November 9-10, 2018. There were over 100 local and out of state attendees and over 20 vendor sponsors. There were a few changes this year that included hands-on demonstrations during Friday evening sessions before the vendor reception. Another big change for this annual meeting was that CME’s were offered for physicians, NPs, RAs, PAs, and etc..

We strive to provide educational information for our Vascular and Interventional RT’s, RN’s and Physicians in a fun way, so please come and join us at the next meeting!

More information will be coming soon so please sure to follow the VA Chapter on their Facebook page (https://www.facebook.com/VAAVIR/) and Twitter @VaAVIR

Wisconsin Southeast Chapter
Contact: Jen Eklund / Kristen Welch / Deb Barnes
Email: daisymay1210@yahoo.com
Email: kristenavir@gmail.com
Email: Debra.Barnes@froedert.com

The Wisconsin Southeast chapter just recently held its annual Spring Symposium on April 28th, 2018. This all-day Saturday event offered 8 CEU credits relevant to Interventional Radiology. The annual symposium was very well attended with a diverse group of presenters. Some topics included this year were: Complex IVC Filter Removals, Interventional Oncology, Acute Stroke Interventions, and C.L.I. We look forward to offering more learning opportunities for our members in the coming year!

AVIR LOCAL CHAPTER HAS BENEFITS

In appreciation of those chapters providing Regional or Local Meetings with a minimum of 7 hours of continuing education for the chapter’s attendees, the AVIR is going to extend one FREE registration to the Annual Scientific Meeting of that year per year.

The category A credit hours will have to be approved by a RCEEM recognized by the ARRT (AVIR being one of these) and will need to be submitted to the AVIR office prior to the AVIR/SIR registration deadline.

Any questions concerning the formation of new chapters or existing ones please call the AVIR office at 703 234-4055 or the Director at Large:

Hannah Smith
hanasmithh1213@gmail.com
757 675 2339

Again, thank you
Are you interested in sitting for your Vascular and Interventional post-primary exam? Well, we’ve got all the info you need here to apply and prepare yourself for your examination. You can also view a comprehensive overview at: www.arrt.org/docs/default-source/handbooks/postprimary-eligibility-pathway-handbook.pdf?sfvrsn=dc9502fc_40

PREPARING TO TAKE THE EXAM

Beginning the Application Process
You can submit your application through your ARRT online account. Applications for certification and registration are subject to a processing fee of $200. Reapplication fees are $175. Once approved you must schedule your exam appointment in a 365-day window assigned by ARRT. For a list of locations to take your exam you can visit: www.pearsonvue.com/arrt

Ethics Requirement
You can view the ARRTs Standards of Ethics. This document articulates the types of behaviors they expect of RTs. Applicants are required to report any violations

Clinical Experience Requirement
Candidates for Vascular Interventional Radiology certification must document performance of a minimum of 200 procedures. These procedures are documented, verified, and submitted through an online tool through My ARRT Info in your ARRT online account. You must select appropriate verifiers to document that you performed the clinical experience requirements. In most cases, verifiers must be Registered Technologists or interpreting physicians.

The ARRT recognizes 61 different procedures in the following categories:
A. Neurologic
B. Thoracic
C. Abdominal and Pelvic
D. Genitorinary and Gastrointestinal
E. Peripheral
F. Venous Access
G. Miscellaneous

for a complete list of procedures visit: www.arrt.org

Candidates must document a minimum of 200 procedures and follow these rules:
- The candidate does not need to select procedures from all 7 above categories
- Each selected procedure must be performed a minimum of 5 times in order to receive credit
- Each procedure may be counted a maximum of 20 times
- For any given patient per day, you may count only one diagnostic procedure, but multiple interventional procedures

Examples
Candidate A: This person identified 10 different procedures from the list and performed each of those procedures 20 times (10 x 20 = 200)
Candidate B: This person identified 25 different procedures from the list. The applicant performed 15 of those procedures 10 times (15 x 10 = 150), and the other 10 procedures five times (10 x 5 = 50)
Candidate C: This person identified 40 different procedures from the list and performed each of those procedures five times (40 x 5 = 200)

For the procedures to qualify for documentation the technologist must demonstrate active participation in a primary role with appropriate:
- Preparation of supplies and maintenance of equipment
- Evaluation of order and patient identification, patient preparation, and administration of medications as required
- Patient monitoring during procedure
- Post procedure patient care
- Image processing, including evaluation of images to ensure they demonstrate correct anatomy, radiographic technique, and identification / labeling

STRUCTURED EDUCATION REQUIREMENT, EFFECTIVE JANUARY 1, 2018

In order to sit for your boards, you will be required to provide 16 structured education CEs. What does this mean?! These credits are specific to your modality, but also have been approved by the ARRT as Structured Education. These credits will be “coded” into a category. The three required categories include: Patient Care, Image Production, and Procedures. Each applicant must have at least 1 credit from each of the 3 categories.

How do you know which category your CEs fall into? After you complete your CE activities, log into your ARRT account and use their post-primary tool to directly submit your education to the ARRT. Your credits will be processed within 2 business days. Specific topics within each category are addressed in the content outline on: www.arrt.org

STUDYING FOR YOUR VI BOARD EXAM

AVIR Now Offers Online VI Review
The AVIR now offers a 4.0 CE video led online VI Review and Mock Registry Exam. The video content and mock registry are up-to-date and relevant to the current ARRT VI Examination.
Our review includes:
- Patient Care and Pharmacology Review
- An in-depth Look at Vascular Anatomy and Pathology
- A Review of Inventory Vital to Our Field Including Diagnostic and Implantable Devices
- Review of Routine and Complex Interventional Procedures
- A 120-question Mock Exam with Answers

Textbooks
I’ve put together this list of textbooks that some of our members have found helpful in studying for their exam.

**IR Playbook: A Comprehensive Introduction to Interventional Radiology, 1st edition, 2018**
by Nicole Keefe, Ziv Haskal, Auh Wahn Park & John Angle
ISBN-10: 3319712993

**Handbook of Interventional Radiologic Procedures, 5th Edition**
by Krishna Kandarpa, Lindsay Machan, and Janette Durham
ISBN-10: 1496302079

**Vascular and Interventional Imaging: Case Review Series, 3rd Edition**
by Wael Saad, Minhaj Khaja, and Suresh Vedantham
ISBN 10: 1455776300

**Vascular and Interventional Radiology: The Requisites, 2nd Edition**
by John A. Kauffman and Michael J, Lee
ISBN-10: 0323045847

by Jonathan J. Schwartz
ISBN 13: 978-1500443504
ISBN 10: 1500443506

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**THE EXAM**
The table below represents the major content categories and subcategories covered on the examination. The number of test questions in each category and subcategory are listed below. Specific topics within each of those categories are addressed in the content outline at www.arrt.org. The ARRT also includes 50 pilot questions. Pilot questions are un-scored questions. They use the data from pilot questions to evaluate new questions. These questions will appear on your exam like all the other questions and are unidentifiable.

**Content Category:**
**Number of Scored Questions**

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Scored Questions</th>
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<td>Patient Care</td>
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<td>Patient Interactions and Management</td>
<td>(30)</td>
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<tr>
<td>Image Production</td>
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<td>Image Acquisition and Equipment</td>
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<td>Procedures</td>
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<td>Vascular Diagnostic Procedures</td>
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<tr>
<td>Vascular Interventional Procedures</td>
<td>(35)</td>
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<tr>
<td>Nonvascular Procedures</td>
<td>(20)</td>
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<tr>
<td>Pilot (un-scored questions)</td>
<td>50</td>
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SPOTLIGHT ON OUR NEW VENDOR PARTNERS

By Dana Kanfoush

AVIR is fortunate to have created strong relationships with some pretty wonderful companies. While some of our vendor partners have supported us for years, we have added a few new companies this year so I wanted to take the opportunity to shine a “spotlight” on them. Read on to learn more about these awesome companies and how they can help you care for your patients with new and exciting products.

AXIMED, INC.

Aximed is a national medical device distributor corporately based in Bethlehem, PA. They pride themselves in partnering with specialty medical device companies which have expertise in their core competency and provide medical device with specific benefits to patients and healthcare facilities. The Aximed network of representatives calls on Interventional Radiology, Vascular Surgery, and Interventional Cardiologists. As a nationwide distributor with a unique portfolio of medical devices, Aximed offers all-encompassing services to its specialty medical device partners. Aximed representatives have been featured in training videos and recognized as a top sales performer for multiple product lines. Additionally, Aximid has earned an exclusive nationwide partnership with ASAHI INTECC to service their leading Interventional Radiology/Interventional Oncology microguidewire offerings. (Technically this is Aximed’s second year of supporting AVIR but I wanted to give them a little “shout out” and thank you!)

701 W. Broad St., Ste 102
Bethlehem, PA 18018
CS. 215.997.0545
FX. 215.997.8805
cs@aximed-inc.com

BURLINGTON MEDICAL

Burlington Medical is the industry-leader in radiation apparel and accessories. They are committed to going above and beyond expectations to provide healthcare professionals with exemplary products and services that protect them from the dangers of ionizing radiation. Occupational hazards of imaging go beyond the cumulative effects of scatter radiation to the ergonomic challenges encountered from carrying extra weight on the skeletal system for extended periods of time. Burlington Medical is the only company that designs and tailors radiation apparel to the specific individual, based on that individual’s measurements. Partnering with medical professionals, Burlington Medical conducts research to discover new and innovative ways to reduce the musculoskeletal strain caused by wearing radiation apparel. In addition to providing high quality radiation protection equipment, they provide patient positioning products and an easy to use cloud-based apron inventory management system. Burlington Medical manufactures custom table pads for Imaging Departments, Operating Rooms, and in-hospital Transportation Departments. Products manufactured by Burlington Medical are proudly made in the USA at their production facility in Newport News, VA.

3 Elmhurst Street
Newport News, VA 23603
(toll-free) (800) 221-3466
(fax) (800) 455-8012

CHIESI USA

Chiesi USA is the U.S. affiliate of Chiesi Farmaceutici, headquartered in Parma, Italy and Cary, North Carolina. Chiesi is an international research-focused healthcare group with more than 80 years of experience in the pharmaceutical industry. The privately-owned company has a strong focus on research, development, production and commercialization of innovative medicines in therapeutic areas that include:

- respiratory, cardiovascular, neonatology, and cystic fibrosis.
- Chiesi’s two Calcium Channel Blockers are indicated for the reduction of blood pressure when oral therapy is not feasible or not desirable.
- CARDENE®IV (nicardipine hydrochloride) Premixed Injection
- CLEVIPREX® (clevidipine) injectable emulsion

1255 Crescent Green, Suite 250
Cary, NC 27518
Phone (888) 466-6505

KM MEDICAL

KM Medical, Inc. is a woman-owned company started in 1987 by Kathleen Logan and corporately based in Massachusetts. Although KM Medical began with local customers, they have since expanded to provide coverage across the country. Their priorities over the years have been selling high quality products, providing excellent customer service and exposing the customer to innovative medical devices. They sell many different products including Uresil Drainage Catheters, Asahi Microguidewires (through Aximed), ALN IVC Filters and Removal devices, Tumark Breast Markers, custom kits, radiation protection including SorbX pads for radiation scatter, probe covers (both classic covers and gel-less covers) and power injector syringes. KM Medical’s focus is offering excellent products at a reduced price in order to provide cost savings without compromising on quality.

10 B Federal Way
Groveland MA, 01834
Phone (800) 531-2545
Fax (978) 914-6106
Email info@kmmedical.com
The AVIR is pleased to announce a session at our annual AVIR meeting detailing our new educational initiative, the Vascular Interventional Education Pathway.

We believe that the complex and unique skillset of a Vascular Interventional (VI) technologist merits specific clinical training coupled with didactic core curriculum provided by a post primary VI Program. Specialty education of technologists will accelerate the practice and evolution of the field of IR, improve IR team care of patients, and improve career advancement opportunities and colleague collaboration and recognition.

Topics covered during the session will include:
- The evolution of IR education
- Current practice standards for Vascular Interventional technologists
- Current pathways available to technologists who wish to pursue VI certification
- Our proposal for Standardizing VI technologist training pathways by creating and providing institutions with didactic curriculum and resources to supplement the clinical education they are able to provide.

Don’t miss this informative session to be held during our Tuesday business meeting. Email info@avir.org with questions or comments.
The IR Playbook is a new textbook that provides a comprehensive guide to all aspects of Interventional Radiology with a specific focus on early career physicians, technologists, nurse practitioners, physician assistants, and students. Some of the most important chapters are co-authored.

The book is has two main sections, is extensively illustrated, and sprinkled with outlined boxes highlighting key ‘go-to’ points about diseases, procedural specifics, etc. The book is designed to be studied in detail as well as quickly browsed and referenced, as needed.

The first section provides an introduction to IR, including basic tools, radiation safety (and basic physics), common devices, patient care, and relevant anatomy. The device chapter, lead-authored by an AVIR technologist member and prior Award of Excellence recipient, covers all basic devices as well as tricks on how to use each. The cross-sectional and vascular anatomy chapters offer a thorough primer of IR-pertinent anatomy for CT, MRI, and angiographic images.

The second half covers major areas of the body, specifics diseases, and interventions. Its chapters encompass all modern IR procedures including related pathophysiology, treatment indications, and alternatives to interventional therapies. The How To section within each chapter delivers a step-by-step guide for each procedure. The roles of antibiotics, anticoagulation, and procedural complications are reviewed, as well.

Today’s Interventional Technologist is, more than ever, a full-fledged member of an IR Team. The IR Playbook intends to best prepare those members to scrub, assist, advise, comprehend, and become fully engaged members in delivering the most advanced image-guided care in medicine.

Radiology Chicks began as a Facebook group for women radiologists over three years ago; it was an effort to provide an opportunity for women radiologists from all over the world to share ideas and frustrations. It has been highly successful, and we have taken on additional projects to advocate for women in the workforce. We offer networking events during national meetings and a quarterly book club which is available to everyone by webinar/twitter. We are passionate about gender equity and work closely with many other organizations to advocate for women. Recently, we started a Facebook group for women technologists and hope to expand this program in the future. Keep on the lookout for events by following @RadiologyChicks, @AgnesSolberg, and @TajKatt on twitter!
ATTENTION ALL WRITERS

The Interventional Informer is offering $100 to the best article. This is awarded for each issue of the Informer. The article should be originals. No limit in size, but they must pertain to Interventional Medicine. Just submit your article with name and address for the AVIR Board of Directors to review.

Best of Luck!
AVIR would like to acknowledge the following writer for their publication in the past issue.

No Article was submitted don't miss your $100! Submit an Article today!

NEWSLETTER ADVERTISING RATES:

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Full payment must accompany ad order

Mechanical Specifications
Dimensions: Trim Size: 8.5"x11"
Live Area should be kept 1/4" from trim on all sides including gutter. Bleed extends 1/8" beyond trim on all sides.

File Submission
Digital files should be provided in high resolution PDF format, including crop marks and bleed if applicable. Although not recommended, we will accept the following formats: .eps, .tif, or Adobe InDesign native files with all support links and fonts. The following file formats are not accepted: Corel, Microsoft Word, Powerpoint or Publisher documents. All images must be 300dpi and in CMYK or Grayscale color format. All fonts should be embedded or in outlines where applicable. Artwork should be submitted at 100% scale.
TOGETHER,
IMPROVING LIFE.

Products listed may not be available in all markets.

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MEMBERSHIP APPLICATION
ASSOCIATION OF VASCULAR AND/OR INTERVENTIONAL RADIOGRAPHERS
2201 Cooperative Way | Suite 600 | Herndon, VA 20171 | 571.252.7174 | Fax: 571.858.7174 | Email: info@avir.org
FULL PAYMENT MUST ACCOMPANY COMPLETED APPLICATION FORM

Membership Category — Select only one | Please print or type

- Active | $ 95/yr*
- Clinical Associate | $ 65/yr
- Student | $ 45/yr
- International | $85/yr
- Corporate Associate | $ 65/yr

*ACTIVE – Submit ARRT Certification or Canadian Equivalent

Mr  Mrs  Ms NAME / FIRST M.I.  LAST GENERATION (JR., SR., II, III)

CREDSIUALS  LICENSURE

DEGREE/S  REGISTRATION/S

PREFERRED ADDRESS  HOME  WORK

HOME STREET

CITY  STATE  ZIP

PHONE  FAX  EMAIL (for official AVIR business only)

WORK INSTITUTION NAME  DEPT.

STREET (include department, room number, mail stop codes, etc., if appropriate)

CITY  STATE  ZIP

PHONE  FAX  EMAIL (for official AVIR business only)

Length of Time as Tech Area of Expertise: ________________

Size of Institution (# of beds): ________________

_____ Private  _____ Academic

Number of Exams Performed at this Institution:

___________ Vascular __________  Interventional

Are You a Member of: ARRT  Yes  No  ASRT  Yes  No (If YES, please attach photocopy of membership card/s)

Other Professional Organizations of Which You Are a Member:

---------------------------------------------

Related Interests (CQI, Teaching, Publishing, etc.):

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Payment Information:  Check Enclosed

OR  Charge Credit Card:  AmEx  MasterCard  Visa

ACCT NUMBER  EXP DATE

NAME ON CARD

SIGNATURE

Student Members Only

DIRECTOR

PROGRAM ADDRESS

CITY  STATE  ZIP

PHONE
WHAT IS AVIR?

The Association of Vascular and Interventional Radiographers (AVIR) is the national organization of healthcare professionals within Vascular and Interventional Radiology and involved in standard of care issues, continuing education and related concerns.

Who Can Become a Member of AVIR?

**ACTIVE:** Radiographers with a primary focus in Vascular and/or Interventional Radiology. Active members must be ARRT registered or have Canadian equivalent. Submit copy of certification with application.

- Dues are $95 per year.

**ASSOCIATE:** Related healthcare professionals working with or having a special interest in Vascular and/or Interventional Radiology, including Nurses, Medical/Cardiovascular Technologies and Commercial Company Representatives.

- Dues are $65 per year.

**STUDENT:** Students in certified programs for Vascular and/or Interventional Radiographers.

- Dues are $45 per year.

**INTERNATIONAL:** Healthcare professionals working or having special interest in CIT and who reside outside of the United States and Canada. This category includes, but is not limited to, medical technologists, radiologic technologists, registered nurses, licensed practical nurses, Physicians and commercial company representatives.

- Dues are $85 per year.

All Memberships are renewable annually each January.

Why Is Joining AVIR Important?

The AVIR is dedicated to you and is a powerful advocate for the special interest and concerns of healthcare professionals working in Vascular and Interventional Radiology. We acknowledge the importance of continuing education, establishing high standards of practice and care, certifying Vascular and/or Interventional Radiographers, and establishing a nationwide network for obtaining information and/or employment opportunities.

What Opportunities Does AVIR Offer?

- Professional growth
- Society of Interventional Radiographers (SIR) Annual Meeting
- Exchange of information and ideas
- AVIR Annual Meeting
- Continuing education opportunities
- Quarterly newsletter
- Local chapter involvement
- National membership directory

The Association of Vascular and Interventional Radiographers (AVIR)
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