



VEIN SPECIALIST

RESEARCH REDUX

FROM CONCEPT TO CARE



RESEARCH REDUX: FROM CONCEPT TO CARE



American Venous Forum
Promoting venous and lymphatic health



LIVE

WEBINAR

VENOUS STENTING ROUNDTABLE

October 28, 2021 • 7:30 PM EDT (UTC-4)

MODERATORS Dr. Kathleen Ozsvath & Dr. Jose Almeida

PRESENTATIONS

Properties and Applications of Dedicated Venous Stents

Dr. Paul Gagne

Fiction, Fear, and Facts about Inguinal Ligament Stenting

Dr. Erin Murphy

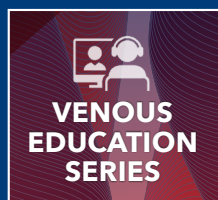
Zilver Vena US Trial – 3-year Data and Inguinal Ligament

Dr. Anthony Comerota

Inguinal Ligament Stenting Case Presentation

Dr. Steven Abramowitz

REGISTER NOW



This non-CME webinar is part of the AVF Venous Education Series and is presented in partnership with Cook Medical

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**Disclaimer: The information featured in this newsletter selected by AVF, which offers educational materials, are not intended to be representative of patients with venous disease generally and should not be considered medical advice. Patients should consult their doctor to determine the best treatment decision for their individual disease.*

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The Medical Mystery Tour

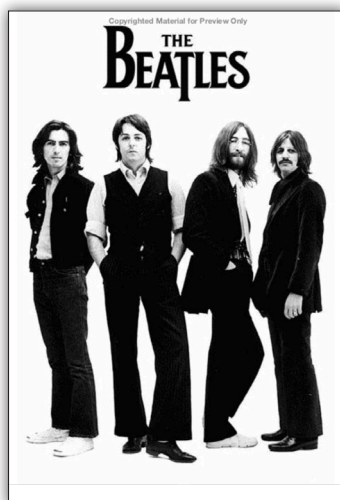
I'm not a Beatles fan. Growing up it was: Beatles or Stones? I answered, "Stones," but I appreciate the Beatles. Mostly soft, predictable, pleasant. Paul McCartney is now promulgating the proposal that it wasn't he who broke up the Beatles. It was John. Who cares? The Rolling Stones are still together (but without Charlie Watts, sadly). John is dead. George is dead. Who is going to challenge this statement? Ringo? He's having too much fun with his All-Star Band. Very clever of Paul to float this notion now when no one is left to refute it. If you're the last man standing it is your prerogative to create the retrospective narrative. And, in retrospect, it was an album-beat-album world among the heavy-hitters in the 1960's. The Beatles' *Rubber Soul* album pushed Brian Wilson to create the Beach Boys' *Pet Sounds* album which inspired the Beatles to create *Sgt. Pepper's Lonely Hearts Club Band*. Greatness inspires greatness. Brian Wilson clearly rose above it all in those heady days of collaborative competition. Aside from Dylan's album *Blood on the Tracks*, *Pet Sounds* is considered the second-best rock album of all time. And the song "God Only Knows" from *Pet Sounds* is McCartney's favorite song. That's it.



Steve Elias, MD

Do we have favorites at *Vein Specialist*? Of course, but we'll never tell. We are agnostically egalitarian. This issue focuses on one of AVF's core objectives: Research. And it's not research just for the pure science of research. This issue is entitled: *Research Redux: From Concept to Care*. Redux: brought back, revived. The stated focus this year of AVF has been "science." Science implies research. But this issue doesn't stop there. The second part is "From Concept to Care." We treat patients; our research initiatives lead to better patient care. This is our ultimate goal. Our members don't solely work in laboratories. Faisal Aziz, MD, Research Council Chair, elaborates on the specifics in his letter that follows mine. I'm giving you the conceptual overview. The forest. He gives you the trees. Research is the cornerstone of the AVF. Research opportunities are plentiful especially with the increased support of our industry partners: Jobst, Boston Scientific, Juzo, and many others. Read about these opportunities in this issue. Opportunities that can lead to creativity and progress in the vein world.

Just as the creativity of *Rubber Soul* begat *Pet Sounds* which begat *Sgt. Pepper's Lonely Hearts Club Band* which begat the Stones' *Their Satanic Majesties Request*. Good research inspires good research. Don't fool yourself; progress is not a random event. This issue exemplifies that. Finally, take some time and listen to each album in the order listed and you'll understand that they are not random events, but rather one current creative concept building on a past creative concept. That's what research does; that's what our AVF members do. *Research Redux: From Concept to Care*. Enjoy The Magical Medical Tour of this issue.



American Venous Forum
Promoting venous and lymphatic health

A Word from the Research Council Chair

Faisal Aziz, MD

A distinguishing feature of the American Venous Forum (AVF) from other venous societies is its commitment to promote research in the vein space. Whether it is providing funding for venous research studies or reserving one of our Annual Meeting days as a Day of Science, the AVF remains the premier venous society dedicated to investing in scientific endeavors. The AVF has made a conscious effort to focus on those research projects that have clinical relevance and potential to clinically impact venous patients across the US and around the globe. As the Research Council Chair for the AVF, I am proud of our accomplishments over the course of the past year, which are summarized in this edition of the AVF newsletter.

First and foremost, under the leadership of **Efthimios Avgerinos**, the Annual Program Committee has done an amazing job in selecting the top abstracts from a record submission of more than 120 abstracts for the Annual Meeting. The theme of the upcoming VENOUS2022 will be "Science," highlighting the important scientific work in the field of venous disease.



Faisal Aziz, MD

“The AVF has made a conscious effort to focus on those research projects that have clinical relevance and potential to clinically impact venous patients across the US and around the globe.”

Next, the AVF Research Committee, which has been tasked to review the scientific grants for the past 26 years, continues to conduct a thorough scientific process to select the winner of the annual Jobst grant award. In addition, this year, the AVF achieved a new milestone with a generous research grant from Boston Scientific that focuses on translational research. Both scientific grants are meant to promote clinical and translational research among the AVF membership. Under the incredible leadership of **Windsor Ting**, this year, for the first time in AVF's history, the Research Committee will conduct two simultaneous selection processes to choose the best clinical science grant and the best translational science grant.



American Venous Forum
Promoting venous and lymphatic health

A Word from the Research Council Chair

I would also like to acknowledge a bright new idea brought up by two members of the Research Committee, **Mikel Sadek and Maxim Shaydakov**, to review the literature and identify the gaps that exist in our current knowledge and then to focus on finding solutions for these gaps. One of their first projects exploring the gaps in the knowledge about management options for venous ulcers has just been published in *JVS-VL*.

As the AVF newsletter readership is aware, randomized controlled trials provide one of the best forms of scientific evidence. For the first time in the AVF's history, under the leadership of **Chandu Vemuri** and mentorship of **B.K. Lal**, the AVF will be conducting a randomized controlled trial exploring the role of junctional reflux in patients with symptomatic venous reflux disease. We await the results of this very important trial!

Andrea Obi from the Research Committee, and a previous Jobst grant awardee, continues to be one of the leading experts in basic science and remains dedicated to exploring the role of animal models in the venous basic science research.

Ulka Sachdev, who is a member of our Research Committee and Associate Editor of *JVS-VL* explains what the journal is looking for in submissions. Readers who are interested in having their scientific work published in *JVS-VL* will find her advice useful.

To summarize, it is an honor and privilege for me to acknowledge our group of energetic and dedicated individuals in the AVF Research and Guidelines Committees who have been working tirelessly to make sure that the research and pursuit of science remain guiding principles for our society.



Animal-based Research: How Does it Affect You?

Andrea Obi, MD

In 2021, it's a digital world. Zoom, virtual reality, high quality endovascular simulators, robots that operate; as venous practitioners we are surrounded by technology. With all these amazing advances, it is difficult to believe that there is still a role for animal models in research. Is it possible that animals can answer questions that technology cannot? The answer at this point is still a resounding "yes."

As of today, no computer model, in vitro model, nor lower phylogenetic species than a mouse adequately models the interplay of innate immune cells, coagulation cascade, microparticles, and other macromolecules such as fibrin and von Willebrand Factor (vWF) that participate in venous macrothrombosis. Therefore, animal research is necessary for the understanding of the basic pathophysiology that initiates thrombus formation, extension, and chronic occlusions--a fact highlighted in the recent AHA/ISTH guidelines on priorities in VTE research and SIR Foundation research priorities.¹

Secondly, preclinical research requires product testing in rodent and or non-rodent species for proof of concept and safety data before large animal models such as canines, swine, ruminants, and nonhuman primates are used. Testing in both small and large animals is generally required before the FDA will grant approval to start any phase of human clinical trials.

As proceduralists trained in the scientific method, we are uniquely suited to develop animal models to help study and surpass challenges associated with venous disease. Animal models have been instrumental in the testing of anticoagulant and non-anticoagulant therapies for VTE, and central to the development of devices from IVC filters to thrombectomy devices. We still face many challenges in our day-to-day practice, and it is these bedside experiences that should be reverse-engineered in the lab. While we have successfully developed non-occlusive and occlusive DVT models in small animal and large animal models, several areas exist where improvement on animal models could help drive forth innovation and fundamental understanding. Current gaps that have recently been recognized by our lab and other investigators inspired by the daily frustrations of clinical practice include the need for a reliable animal model to mimic PE/CTEPH and venous in stent stenosis.

So, what is it that frustrates you? An animal model might be the next step toward real progress.



Andrea Obi MD



American Venous Forum
Promoting venous and lymphatic health

From Hippocrates to Jobst and Boston Scientific

Windsor Ting, MD

What do these individuals have in common?

- Peter Pappas
- Joseph Raffetto
- Brajesh Lal
- Rabih Chaer
- Harry Ma
- Maxim Shaydakov
- Efthimios Avgerinos
- Andrea Obi
- Eri Fukaya

Each was a recipient of the Jobst Research Grant. They are part of a distinguished group of about 26 individuals who had received the AVF-Jobst Research Grant since 1995 from AVF. This research grant provided each with seed funding to develop their budding interest in venous research.

Why does AVF provide funding for research? No surprise! One of our core values at AVF is to support research initiatives that advance venous and lymphatic disorders.

Every time we placed an introducer sheath into the common femoral vein to undertake a vein stenting procedure, it is made possible through thousands of observations and research studies. These results of research in medicine date back to antiquity. Hippocrates (born 460 BCE) wrote about the 2 types of blood vessels, arteries and veins. Fast forward to 1851 when Virchow described iliofemoral DVT as being more common in the left leg. Then in 1957, May and Thurner reported the compression of the left common iliac vein by the right common iliac artery. AVF would like to make important contributions to this foundation of knowledge related to venous diseases.

AVF supports research in many ways. I would like to highlight our 2 research grants.

In the AVF-Jobst Clinical Research Grant, \$85,000 over 2 years is awarded every year to an individual to undertake original, clinical research in venous diseases or lymphatic diseases. In 2021, we are proud to announce an additional research grant, the AVF-Boston Scientific Translational Research Grant. In this new grant, \$85,000 over a period of 2 years will be awarded to a clinical study focusing on venous obstruction, venous thrombus, and superficial venous insufficiency. I encourage you to visit the AVF website for more information.

Enjoy diagnosing and treating venous diseases. Consider adding to this foundation of knowledge in venous diseases.



Windsor Ting, MD



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American Venous Forum
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High-impact Knowledge Gaps in Venous and Lymphatic Disorders: A Communication from the AVF Research Committee

Dear Colleagues,

Significant progress has been made in the treatment of patients with venous and lymphatic disorders. Simultaneously, many problems related to chronic venous insufficiency, venous thromboembolism, post-thrombotic disease, and lymphedema remain largely unresolved. Given the magnitude of the problem, combined with the limited time, human, and financial resources available, advancing the field simultaneously in all directions remains unrealistic and impractical.

Albert Einstein is quoted as having said that if he had one hour to save the world he would spend “fifty-five minutes defining the problem and only five minutes finding the solution.” Approximately 2 years ago the leadership of the American Venous Forum (AVF) came to the important decision to prioritize our efforts in promoting venous and lymphatic health. The AVF Research Committee (RC) was challenged by the AVF leadership, under Past-President B.K. Lal, MD, and Past Research Council Chair Jose Diaz, MD, to identify the most critical and high-impact knowledge gaps in the field. The broad and overarching goals were to help guide the AVF and its constituency into the future and to highlight the next challenges that we needed to tackle collectively via research and development.

The members of the RC each went to the drawing board and performed the daunting task of reviewing the literature, scouting out the latest topics on various media platforms, and speaking to thought leaders to better understand the global venous and lymphatic landscape. The RC came up with a working list of “critical knowledge gaps” in the field. A poll was conducted among the members of the Research Committee and the top 3 “gap ideas” were selected:

- Thrombolytic therapy for acute iliofemoral and femoropopliteal deep vein thrombosis, *Maxim Shaydakov, MD*
- Percutaneous mechanical thrombectomy for acute iliofemoral deep vein thrombosis, *Mikel Sadek, MD*
- Topical wound care products for venous ulcers, *Windsor Ting, MD*

A document for each topic was drafted by the respective authors and presented to the leadership of the AVF. The purpose was to convince the leadership which topic had the weakest supportive data and the greatest potential (and need) for further investigation. “Topical wound care products for venous ulcers” by Windsor Ting, MD, was the winner.



Mikel Sadek, MD



Maxim E. Shaydakov, MD



High-impact Knowledge Gaps

A scientific thought does not truly exist until written and published. To make our statement scientifically grounded, we performed an updated structured review of the literature, given that the most recent guidelines in venous ulcers had been published in 2014.¹ Initially written as a brief communication, the document unfolded into a full-length systematic review of the literature. The authors' bottom-line was that there was a striking discrepancy between the poor scientific understanding on the role of topical therapy in the management of venous ulcers, juxtaposed against the proliferation of hundreds of wound care products with limited supporting evidence. The project was actively supported by the internationally recognized experts in venous ulcers and AVF members William Marston, MD, and Joseph Raffetto, MD, and brought to fruition by Past-President Harold Welch, MD, and current Research Council Chair Faisal Aziz, MD. The manuscript was recently accepted for publication in the JVS-VL.²

This initial experience of actively searching for, identifying, prioritizing, and scientifically defining the gaps in knowledge was an important first task. The future goals are numerous, replete with possibility, and guided by the ingenuity, resources, and resilience of the AVF and its members. For example, one can start a collaboration with the AVF Guidelines Committee to update clinical practice guidelines in the treatment of venous ulcers. Other directions include communication with industry and academia on funding targeted research projects, suggesting and supervising such projects, and integrating the knowledge in a practitioner-friendly way. We encourage members of the AVF and all venous and lymphatic specialists to participate in this process of the materialization of ideas into dedicated research and peer-reviewed manuscripts so that we may solve one knowledge gap and move on to the next!

Sincerely,

Mikel Sadek, MD, and Maxim E. Shaydakov, MD

Past Research Committee Chairs on behalf of the AVF Research Committee

References

1. O'Donnell TF Jr, Passman MA, Marston WA, et al. Management of venous leg ulcers: clinical practice guidelines of the Society for Vascular Surgery® and the American Venous Forum. J Vasc Surg. 2014 Aug; 60(2 Suppl):3S-59S.
2. Shaydakov ME, Ting W, Sadek M et al. Review of the current evidence for topical treatment for venous leg ulcers. JVS-VL 2021. doi: 10.1016/j.jvsv.2021.06.010. Online ahead of print.



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JVS-VL: What Do They Want from Me?

Ulka Sachdev, MD, FACS

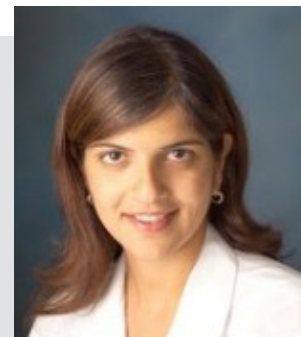
Journal of Vascular Surgery - Venous and Lymphatic Disorders (JVS-VL) is a premier journal highlighting medical research in clinical venous and lymphatic disease. It has traditionally boasted a strong impact factor--2.859 in 2020-- and is an important member of the JVS family of journals. It ranked 81 of 212 surgery journals in 2020. To clarify for the American Venous Forum Vein Specialist readers what is expected of manuscripts that are submitted to the Journal, we queried the journal editors including Drs. Cynthia Shortell, Peter Gloviczki, and Peter Lawrence.

JVS-VL is looking for high quality unique work that contributes substantially to our understanding of the pathology and/or management of venous and lymphatic diseases. This can be in the form of new research or can include analysis of existing literature such as systematic reviews and meta-analyses. Topics include (but are not limited to) management of acute deep vein thrombosis and pulmonary embolism, lower extremity varicose vein treatments, pelvic venous disorders, deep vein obstruction and incompetence, venous thoracic outlet syndrome, results and complications associated with deep venous interventions including stenting and IVC filters, and innovations in management of mesenteric venous thrombosis. Additionally, treatments of lymphedema including novel compression and surgical techniques are also welcome. Importantly, the work should address the diversity of patients who experience venous and lymphatic diseases. Of note, readers should be aware of plans to integrate the Sex and Gender Equity in Research (SAGER) guidelines¹ as well as techniques to address social determinants of health within research highlighted in the JVS group of publications. This will greatly help address how venous and lymphatic disorders affect diverse populations of people.

Finally, while case reports and basic science or translational research used to be featured in JVS-VL, both manuscript types can now celebrate a home in *Journal of Vascular Surgery - Cases and Innovative Techniques (JVS-CIT)* and *Vascular Science (JVS-VS)*, journals which are both open access. These newer JVS journals highlight exceptional work in the form of case reports and innovative educational/technical approaches (CIT) and basic or translational work (VS), respectively. The editorial and administrative staff of JVS is committed to providing an expeditious and fair review process for all submitted manuscripts, and to provide the highest quality research and specialty articles for its readership.

References

1. Heidari, S., Babor, T.F., De Castro, P. et al. Sex and Gender Equity in Research: rationale for the SAGER guidelines and recommended use. *Res Integr Peer Rev* 1, 2 (2016). <https://doi.org/10.1186/s41073-016-0007-6>



Ulka Sachdev, MD, FACS



American Venous Forum
Promoting venous and lymphatic health

AVF's JURY Trial: Equivalence of GSV Patients With and Without Junctional Reflux

Chandu Vemuri, MD

The American Venous Forum is pleased to initiate an exciting new research effort, the JURY trial. Sponsored by Boston Scientific, it will be a multi-center study with the aim of evaluating the relative equivalence of greater saphenous vein (GSV) patients with and without junctional reflux.

The trial will be overseen by the AVF Guidelines Committee, who will provide appropriate interpretation of the trial results for publication with the intent of improved understanding of treatment options. Trial sites and lead investigators at those locations are:

Englewood Medical Center, New Jersey **Steve Elias, MD**

Center for Vein Restoration, New Jersey **Peter Pappas, MD**

NYU Langone Health, New York **Mikel Sadek, MD**

Mount Sinai, New York **Windsor Ting, MD**

Stony Brook Medicine, New York **Antonio Gasparis, MD**

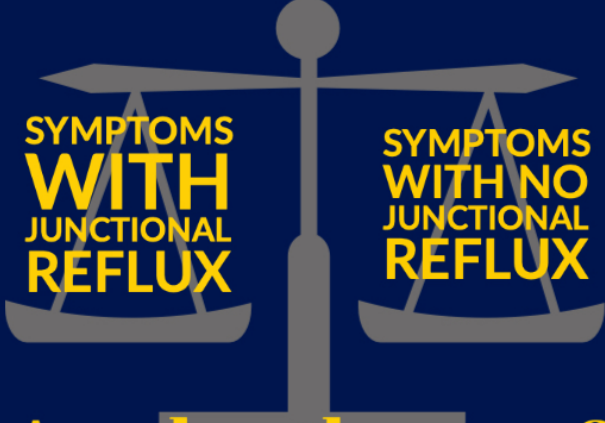
University of Michigan, Michigan **Andrea Obi, MD**

Lake Washington Vascular, Washington **Kathleen Gibson, MD**



Chandu Vemuri, MD

JURY Trial



SYMPTOMS WITH JUNCTIONAL REFLUX

SYMPTOMS WITH NO JUNCTIONAL REFLUX

Are they the same?

American Venous Forum is Honored to Have Received a Sponsorship Grant From Boston Scientific

Multi-Center Trial to Show that patients with GSV reflux without junctional reflux have equivalent symptoms to those with junctional reflux

Michigan Medicine, Washington Vascular, Stonybrook Medicine, Mount Sinai, NYU Langone Health, Center for Vein Restoration, Englewood Medical Center

AVF Guidelines Committee

Working to Improve Patient Care



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Annual AVF Meeting – VENOUS 2022

Efthimios Avgerinos, MD, Chair, Program Committee

We're half-way there! Our annual celebration of venous science and education, the premier national society meeting VENOUS 2022, is set for February 23-26 in Orlando, Florida. What a great opportunity to learn, to debate, to socially and intellectually interact for all healthcare professionals treating patients with venous diseases!

Coming out of the pandemic we have all been deprived of social and scientific in-person interaction. We're targeting a predominately *live* meeting, but to facilitate international participation, virtual options will also be available.

This year we have had a tremendous response from the AVF community, amounting to **120 abstracts** submitted from 20 countries around the world. That's the largest number of submissions to date for an AVF Annual Meeting! Sixty of these abstracts will be delivered from the podium during our seven themed sessions, basic science sessions, and Villavicencio/international session, and 60 of these abstracts will be made available as posters.

Our attendees should expect multiple novel experiences this year:

1. The main theme of the meeting is "Science," so we broke down the usual "day of science" into multiple smaller sessions spread throughout the entire meeting (at no additional cost).
2. We have also made sure we clearly represent diversity in venous disease patients and health care professionals through dedicated sessions and social events.
3. We are introducing special sessions that will be of interest for our allied health professionals: this year we're planning an aesthetic vein session and we'll be discussing everything about spider veins.
4. The Fellows' course will be fully incorporated into the meeting.

View the preliminary agenda online now (and included in this issue of *Vein Specialist*) and register by October 31 to take advantage of introductory pricing!



Efthimios Avgerinos, MD
Chair, Program Committee



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VENOUS2022

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Day of Science now integrated into program



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- Reconnect with friends and colleagues

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Continue the conversation in an **exclusive AVF Exchange** group for VENOUS2022 attendees

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- Advance knowledge & skills with targeted programming for Residents, Fellows and Early Career Physicians
- Explore the latest venous technologies, tools and techniques on the exhibit floor and in three industry symposia

NEW

Attend special session addressing Disparities in Venous Healthcare

NEW

Participate in **Aesthetic Vein Session** for Allied Health Professionals



Celebrate

- Bring your spouse, partner or guest for expanded daily activities and hospitality
- Celebrate together at the **VENOUS2022 Gala**

NEW

Complement your meeting with golf, tennis or **5K Fun Run**

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Science Sessions - Scientific presentations and discussions

Physician-in-training Sessions

Featured Sessions

Social Events, Breaks, Non-CME Sessions

Abstract Sessions - Original research abstract presentations with Q&A

WEDNESDAY, FEBRUARY 23, 2022

8:00 - 13:00 Golf & Tennis

14:00 - 15:30 Science Session 1

15:30 - 16:00 Break

16:00 - 17:30 Science Session 2

THURSDAY, FEBRUARY 24, 2022

8:00 - 9:00 Science Session 3

9:00 - 10:00 AVF Core Values Session - Exploring and addressing diversity and disparities in venous disease

10:00 - 10:30 Break

10:30 - 12:00 Abstract Session 1

12:00 - 13:00 Lunch Symposium

13:00 - 14:30 Abstract Session 2

14:30 - 17:00 Physician-in-training Session A - Superficial, deep obstructive, compression, post-thrombotic, deep reflux, hands-on with industry

14:30 - 15:15 EVF/AVF Session - Joint presentations with the European Venous Forum

15:15 - 15:45 Break

15:45 - 17:30 Villavicencio International Symposium - Featured session hosted by Dr. Glenn Jacobowitz and Dr. Jorge Ulloa

17:30 - 19:00 Poster Session & Opening Reception - Explore scientific posters, interact with exhibitors, network with colleagues in exhibit hall

FRIDAY, FEBRUARY 25, 2022

8:00 - 9:00 Science Session 4

9:00 - 10:00 Sumner Session - Featured session hosted by Dr. William Marston

10:00 - 10:30 Break

10:30 - 11:30 Abstract Session 3

11:30 - 12:30 President's Session - Featured speakers & Presidential address

12:30 - 13:30 Lunch Symposium

13:30 - 15:00 Abstract Session 4

14:30 - 16:15 Physician-in-training Session B - DVT, PE, SVT, hands-on with industry

15:00 - 15:45 AVLS/AVF Session - Joint presentations with the American Vein & Lymphatic Society

15:45 - 16:15 Break

16:15 - 17:45 Abstract Session 5

17:45 - 18:30 SVS/AVF Session: Venous Potpourri of Clinical Impact

19:00 Gala - Food, fun, and entertainment with your friends and colleagues (additional ticket required)

Science Sessions - Scientific presentations and discussions

Physician-in-training Sessions

Featured Sessions

Social Events, Breaks, Non-CME Sessions

Abstract Sessions - Original research abstract presentations with Q&A

SATURDAY, FEBRUARY 26, 2022

7:30 - 8:30	AVF Annual Business Meeting Breakfast - For AVF Members
8:30 - 10:30	Physician-in-training Session C - Sclerotherapy, lymphedema, starting vein practice, hands-on with industry
8:30 - 10:00	Science Session 5
10:00 - 10:30	Break
10:30 - 11:30	Abstract Session 6
11:30 - 12:00	Strandness Lecture - Keynote Speaker Joseph Raffetto, MD
12:00 - 13:00	Lunch Symposium
13:00 - 13:45	SVM/AVF Session - Postthrombotic Syndrome
13:45 - 14:45	Abstract Session 7
14:45 - 16:00	Aesthetic Vein Session - Spider veins with allied health professionals

ANNUAL MEETING AGENDA

**Click to
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FOUNDATION UPDATE

2022 AVF - BSCI GRANT

The AVF Foundation is now accepting submissions for the 2022 AVF-BSCI Translational Research Grant which will provide an \$85,000 grant over 2 years for an original, translational research project in venous disease addressing:

- Venous obstruction with an emphasis on the treatment of appropriate patients with appropriate care
- Venous thrombus management with an emphasis on understanding morphology
- Management and treatment of superficial venous insufficiency

The grant will provide funding for direct research-related costs and travel expenses to attend the annual AVF meeting to accept the award and provide annual progress reports on the study. The awardee will be required to provide a progress update and budget report every 6 months. The grant award WILL NOT pay for indirect costs to the researcher's university or facility.

This Opportunity is Open to:

- Residents and fellows in a training program located in the United States
- Physicians who have completed their training within the past ten (10) years, have not previously received this award and are currently based in the United States

The AVF and AVF Foundation are committed to providing a culturally diverse educational environment and equal opportunities for all members. Applications from veterans, individuals with disabilities, women, minorities, and members of other underrepresented groups are strongly encouraged.

The Application Deadline for the 2022 grant is 5pm (Central) on Friday, November 12, 2021.

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AMERICAN VENOUS FORUM
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Healthy Veins for Healthy Life

PLEASE CLICK HERE TO LEARN MORE ABOUT THE RESEARCH GRANT

2022 AVF-JUZO TRAVELING FELLOWSHIP

This Fellowship will award \$12,000 in funded travel to the AVF Annual Meeting in February 2022. The selected candidate will have 2 years to complete their Fellowship and will be required to present a summary of their experiences at a future AVF Annual Meeting. Any AVF member who has completed their training and is within the first 10 years of practice is eligible to apply.



APPLY BY DECEMBER 10, 2021 FOR THIS PRESTIGIOUS OPPORTUNITY



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VENOUS EDUCATION SERIES



American Venous Forum
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STEVE ELIAS, MD
Lead Faculty



JOHN G. CARSON, MD, FACS, RPVI
Lead Faculty



2021 VENOUS EDUCATION SERIES FOR RESIDENTS, FELLOWS, & EARLY CAREER PRACTITIONERS

The AVF is providing training and education within the specialties of vascular surgery, interventional radiology, interventional cardiology, vascular medicine, general surgery, and associated programs. We have some of the most well-known faculty and leaders educating the next generation by sharing cutting-edge knowledge, effective clinical management, and the most appropriate treatments for patients. **REGISTER TODAY.**

FRIDAY, DECEMBER 10, 2021 (EDT/UTC-4)

16:00 – 16:20	Intro and Overview
16:20 – 16:40	Superficial Disease: Clinical presentation, US findings, choices to treat
16:40 – 17:20	Two live interactive ultrasound cases using the Avail System
17:20 – 17:40	Deep Obstructive Disease: Compression and post-thrombotic – supra and infrainguinal, Compression:renal/iliacs, Obstruction: IVC, iliacs, CFV, FV, PV
17:40 – 18:00	Deep Reflux Disease: Ovarian/iliacs/CFV/FV. Includes stenting for IIV reflux and pelvic, symptoms and valve options for CFV/FV reflux
18:00 – 19:00	“Hands-on” small group sessions with industry in multiple Zoom break-out rooms

SATURDAY, DECEMBER 11, 2021 (EDT/UTC-4)

11:00 – 11:20	DVT/PE: Diagnostic options, interventional and non-interventional treatment, Devices used and anticoagulation (type, how long, follow up imaging)
11:20 – 11:40	SVT: Superficial axial, VV, combo. Treatment, how long, follow up, includes pregnancy
11:40 – 12:20	Two live interactive ultrasound cases using the Avail System
12:20 – 12:40	Sclerotherapy: US guided and visual, foam/liquid
12:40 – 13:00	Lymphedema: Practical discussion only including diagnosis (lymphangiography or lymphoscintigraphy), pumps, compression, surgery
13:00 – 14:00	“Hands-on” small group sessions with industry in multiple Zoom break-out rooms
14:00 – 14:20	Starting a vein practice, final questions

REGISTER NOW



MEMBERSHIP



The AVF Vein Specialist Poll

NEW

In the second edition of this new feature in *Vein Specialist*, the AVF Vein Specialist Poll asks the question:



When treating C2 patients, in general do you treat saphenous and varicosities simultaneously or staged?

Provide your response and contribute to future dialogs.

The results will be published in a subsequent issue.

Please respond by October 29



American Venous Forum
Promoting venous and lymphatic health

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Informative Podcasts from AVF Committees Provide Benefits to New Members Right Away

As a way for new—and seasoned—AVF members to learn about the activities of their organizational committees, informative podcasts of interviews with committee chairs are now available.

The series debuts with brief interviews with or presentations from chairs of AVF committees. They discuss the purpose and goals of each of the committees and present current plans while describing how members can benefit from the committees' activities that support AVF's mission. The committee chairs provide details on how members can participate in committee work that will enhance their knowledge and practice.



Anil Hingorani, MD
Membership Chair



Andrea Obi, MD
Digital Media
Committee Chair



Jorge Ulloa, MD
International
Committee Chair



Windsor Ting, MD
Research Chair

LISTEN NOW



Digital Media
PODCAST

DIGITAL MEDIA COMMITTEE PODCAST

Anil Hingorani, MD, Membership Chair (Moderator)
and Andrea Obi, MD, Digital Media Committee Chair

International
PODCAST

INTERNATIONAL COMMITTEE PODCAST

Jorge Ulloa, MD, International Committee Chair

Research
PODCAST

RESEARCH COMMITTEE PODCAST

Anil Hingorani, MD Membership Chair (Moderator),
and Windsor Ting, MD, Research Chair



MEMBERSHIP

NEW AVF MEMBERS *Welcome*

Ayman Alserr, Egypt

Hiba Ali, US

Stephen Black, UK

Mohammad Elhemelly, Egypt

Sandra Jimenez, Spain

Andrew Khallaf, UK

Ricki Korff, US

Ningcheng Lee, US

Craig Nachbauer, US

Scott Robinson, US

Alvaro Gilardi Vega, Peru

Wendy Wifler, US

COME TO THE NEW AVF CAREER CENTER

The **Career Center** offers a non-dues revenue stream that supports the important work of the **AVF**, and we believe this provides a **one stop shop** for both **job seekers** and **employers**!

ROBUST. ENGAGING.



**AVF's Online Store
Offers New Practice
Resources**

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AVF News about *Journal of Vascular Surgery – Venous and Lymphatic Disorders*

Beginning in 2022, your AVF membership will include an online-only subscription to the *Journal of Vascular Surgery-Venous and Lymphatic Disorders (JVS-VL)*. The AVF leadership has decided to transition to online-only subscriptions for its members because it is aware that many members primarily read JVS-VL online. For these members, we want to reduce the environmental impact of printing and mailing unused issues.

We recognize that some members may wish to continue to receive the print version of JVS-VL. Therefore, we will continue to offer members the option to receive the printed journal for a nominal \$50.00 fee to help cover our cost. AVF members who are also Active, Associate, or Honorary members of the Society for Vascular Surgery will continue to receive the print journal at no additional cost.

Look for your AVF membership renewal email soon and please remember to share or recycle your unused print issues of the JVS-VL!

Please contact us at info@veinforum.org if you have any questions or concerns.

