



AVLS
34TH ANNUAL CONGRESS
2020

OCTOBER 14 - 18, 2020
WELCOME

A VIRTUAL EVENT



AMERICAN VEIN &
LYMPHATIC SOCIETY

SPECIAL THANKS

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MD, FSIR, FCIRSE, FAVLS, RVT, RPVI
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ABSTRACT SELECTION COMMITTEE
Joseph Raffetto, MD, FACS, FSVM - Chair

Faisal Aziz, MD
Kush Desai, MD, FSIR
Robert Eberhardt
William Marston, MD

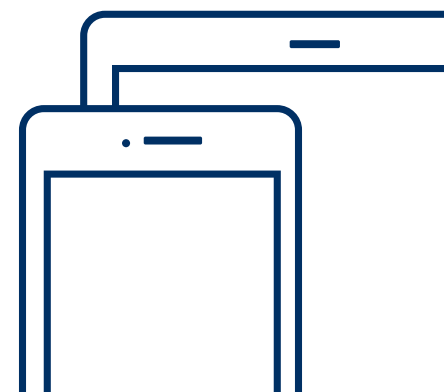
Sarah Onida, BsC, MD, MRCS, PhD
Sonja Stiller-Martin, MD
Julianne Stoughton, MD, FACS

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AVLS Events



TUESDAY, OCTOBER 6TH

START / END TIME	NAME	CHANNEL
7:00 PM 8:00 PM ET	AVLS INTRODUCTION TO CONGRESS (SPONSORED BY MERIT MEDICAL)*	GOTOWEBINAR

WEDNESDAY, OCTOBER 7TH

7:00 PM 9:00 PM ET	AVLS NEW MEMBER RECEPTION (SPONSORED BY MEDI USA)*	GOTOWEBINAR
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THURSDAY, OCTOBER 8TH

7:00 AM 7:00 PM ET	FVLD FUN RUN AND WALK*	
7:00 PM 9:00 PM ET	AVLS BUSINESS MEETING (SPONSORED BY JUZO)*	GOTOWEBINAR

MONDAY, OCTOBER 12TH

7:00 PM 9:00 PM ET	AVLS ULTRASOUND SECTION MEETING (SPONSORED BY CCI)*	GOTOWEBINAR
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TUESDAY, OCTOBER 13TH

7:00 PM 9:00 PM ET	AVLS LYMPHEDEMA TRIVIA & SECTION MEETING (SPONSORED BY TACTILE MEDICAL)*	GOTOWEBINAR
7:00 PM 8:00 PM ET	Venolymphatic Trivia Showdown	
8:00 PM 9:00 PM ET	A Collaborative Approach to Treating Phlebolymphe- dema	

WEDNESDAY, OCTOBER 14TH

8:00 AM 9:00 AM ET	JUZO SYMPOSIUM*	GOTOWEBINAR
6:30 PM 7:00 PM ET	AVLS FELLOWS SOCIAL (SPONSORED BY JOBST)*	GOTOWEBINAR
7:00 PM 9:00 PM ET	AVLS HEALTHCARE POLICY & ADVOCACY	GOTOWEBINAR
7:00 PM 7:05 PM ET	Introduction- AVLS HealthCare Policy & Advocacy	Marlin Schul, MD, MBA, RVT, FAVLS
7:05 PM 7:20 PM ET	AVLS Healthcare Advocacy Overview	Christopher Pittman, MD, FAVLS, FACR
7:20 PM 7:35 PM ET	AVLS at the AMA - Role of Specialty Societies	Vineet Mishra, MD, FAAD, FAVLS
7:35 PM 7:50 PM ET	Phlebectomy - A Case Study	Stephen Daugherty, MD, FACS, FAVLS, RVT, RPhS
7:50 PM 8:05 PM ET	CPT Codes - How They are Defined and Changed	Satish Vayuvegula, MD, MS, FAVLS
8:05 PM 8:20 PM ET	The RUC Process and Practice Expenses	John Blebea, MD, MBA, FACS
8:20 PM 8:30 PM ET	The Role of the AVLS	Robert White
8:30 PM 9:00 PM ET	Audience Case Discussions	All Faculty

PROGRAMMING IS SUBJECT TO CHANGE.
FOR THE MOST UP TO DATE SCHEDULE, GO TO: WWW.AVLSCONGRESS.ORG/ACCESS



THURSDAY, OCTOBER 15TH

START / END TIME		NAME		CHANNEL
8:00 AM	9:00 PM	ET	INNOVATION PAVILION*	INNOVATION PAVILION
8:00 AM	9:00 AM	ET	MERZ AESTHETICS SATELLITE SYMPOSIUM*	GOTOWEBINAR
8:00 AM	9:00 AM	ET	Compounded and FDA Approved Sclerosants: Current News & FDA Update	Nick Morrison, MD, FACS, FAVLS, RPhS, MD, FAVLS, FACS, Margaret Mann, MD, FAAD, FAVLS, MD, FAAD, FAVLS, David Horowitz - Lawyer
9:00 AM	10:00 AM	ET	FVLD SUNRISE YOGA*	GOTOWEBINAR
9:00 AM	10:00 AM	ET	FVLD SUNRISE YOGA	Susie Schul
10:00 AM	12:30 PM	ET	BREAK*	
12:30 PM	1:00 PM	ET	OPENING CEREMONIES*	WASHINGTON (CH. 1)
1:00 PM	2:30 PM	ET	BOSTON SCIENTIFIC SATELLITE SYMPOSIUM*	GOTOWEBINAR
1:00 PM	2:30 PM	ET	INNOVATION THEATRE - NEW PRODUCT & SERVICE PRESENTATIONS*	WASHINGTON (CH. 1)
2:30 PM	2:40 PM	ET	FUNDAMENTALS OF SUPERFICIAL VENOUS DISEASE	WASHINGTON (CH. 1)
2:30 PM	2:40 PM	ET	Introduction and Presentation with Audience Participation	Vineet Mishra, MD, FAAD, FAVLS
2:40 PM	2:55 PM	ET	Epidemiology of Superficial Vein Disease	Daniel Friedmann, MD, FAAD
2:55 PM	3:10 PM	ET	Anatomy of the Superficial Venous System	Joseph Raffetto, MD, FACS, FSVM
3:10 PM	3:25 PM	ET	Disease of Superficial Venous System	Robert Worthington-Kirsch, MD, FSIR, FCIRSE, FAVLS, RVT, RPVI, RPhS
3:25 PM	3:40 PM	ET	Evaluation of Superficial Vein Disease - CEAP, VCSS and PROs	Robert Worthington-Kirsch, MD, FSIR, FCIRSE, FAVLS, RVT, RPVI, RPhS
3:40 PM	3:55 PM	ET	Evaluation of Superficial Vein Disease - PEx and Imaging	Dietrich Schultze, MD
3:55 PM	4:10 PM	ET	Decision MaKING (CH. 4) - Who gets Treated, What gets Treated?	Cindy Asbjornsen, DO, FAVLS
4:10 PM	4:30 PM	ET	Audience Questions	All Faculty
2:30 PM	4:30 PM	ET	PRACTICE MANAGEMENT I	LINCOLN (CH. 2)
2:30 PM	3:20 PM	ET	Financial Lessons learned during COVID-19 and how to Apply them Going Forward	Steve Warner, Brad Reay
3:20 PM	3:30 PM	ET	Audience Questions	Steve Warner, Brad Reay
3:30 PM	4:20 PM	ET	Win the Popular Vote: How Setting Expectations can Help You Lead Your People	JoDee Curtis
4:20 PM	4:30 PM	ET	Audience Questions	JoDee Curtis
2:30 PM	4:30 PM	ET	RPHS REVIEW CRASH COURSE I	KING (CH. 4)
2:30 PM	2:45 PM	ET	Case Presentation with Audience Participation	Sara Skjonsberg, RVT, RPhS
2:45 PM	2:55 PM	ET	Venous Anatomy	Linda Antonucci, RPhS, RVT, RDMS
2:55 PM	3:05 PM	ET	History and Physical	Linda Antonucci, RPhS, RVT, RDMS
3:05 PM	3:15 PM	ET	CEAP	Linda Antonucci, RPhS, RVT, RDMS
3:15 PM	3:25 PM	ET	Physics & Principles	Marresa Houle, BS, RVT, RPhS, RDMS
3:25 PM	3:35 PM	ET	Indirect Testing	Marresa Houle, BS, RVT, RPhS, RDMS
3:35 PM	3:45 PM	ET	Performing the Lower Extremity Venous Evaluation (Thrombosis and Reflux)	Marresa Houle, BS, RVT, RPhS, RDMS
3:45 PM	3:55 PM	ET	Pelvic Anatomy and Pathophysiology	Sara Skjonsberg, RVT, RPhS
3:55 PM	4:05 PM	ET	Treatment Options (Conservative treatment)	Sara Skjonsberg, RVT, RPhS
4:05 PM	4:15 PM	ET	Lower extremity reflux treatment / Pelvic vein treatment	Sara Skjonsberg, RVT, RPhS
4:15 PM	4:30 PM	ET	Audience Questions	All Faculty
2:30 PM	4:30 PM	ET	WOUND CARE	JEFFERSON (CH. 3)
2:30 PM	2:40 PM	ET	Case Presentation with Audience Participation	M. Mark Melin, MD, RPVI
2:40 PM	2:55 PM	ET	The Microcirculation; Impact on Wound Closure	Zoe Deol, MD, FACS
2:55 PM	3:10 PM	ET	Healing from the Inside Out; Micronutrients and Principles of Functional Medicine	Rebecca Knackstedt, MD, FACS
3:10 PM	3:25 PM	ET	Adding Office Based Lymphedema Therapy to Your Phlebology/Wound Care Practice-A Critical Aspect to Improved Care	Jeffery Schoonover, MD, FAAFP, RVT, RPVI

START / END TIME		NAME	CHANNEL
2:30 PM	4:30 PM	ET WOUND CARE	JEFFERSON (CH. 3)
3:25 PM	3:40 PM	ET Telehealth and Wound Care	Anil Kumar, MD, FACC, RPVI, RPhS, DABVLM
3:40 PM	3:55 PM	ET Performing Research in Wound Clinics; Opportunities and Barriers	Michael Shao, MD
3:55 PM	4:10 PM	ET Wound Care in Honduras	Carlos Zelaya
4:10 PM	4:30 PM	ET Audience Questions	All Faculty
4:30 PM	4:45 PM	ET BREAK*	
4:45 PM	6:00 PM	ET FUNDAMENTALS OF SUPERFICIAL VENOUS DISEASE: CATEGORICAL COURSE II	WASHINGTON (CH. 1)
4:45 PM	4:50 PM	ET Introduction and Presentation with Audience Participation	Robert Worthington-Kirsch, MD, FSIR, FCIRSE, FAVLS, RVT, RPVI, RPhS
4:50 PM	4:55 PM	ET ABVLM Certification	Neil Khilnani, MD, FSIR, FAVLS
4:55 PM	5:05 PM	ET Conservative and Medical Therapy	Vineet Mishra, MD, FAAD, FAVLS
5:05 PM	5:15 PM	ET Truncal Vein Treatments	Cindy Asbjornsen, DO, FAVLS
5:15 PM	5:25 PM	ET Tributary Vein Treatments	Barry Oswald, MD, FACS, FAVLS, DABVLM
5:25 PM	5:35 PM	ET Surface Vein Treatments	Vineet Mishra, MD, FAAD, FAVLS
5:35 PM	5:50 PM	ET Complications and Management	Todd Cartee, MD, FAAD
5:50 PM	6:00 PM	ET Audience Questions	All Faculty
4:45 PM	6:00 PM	ET LYMPHEDEMA IN PRACTICE, LYMPHATIC IMAGING: CUTTING EDGE CONCEPTS	JEFFERSON (CH. 3)
4:45 PM	4:50 PM	ET Introduction and Presentation with Audience Participation	Paula Donahue, DPT, CLT-LANA, MBA
4:50 PM	5:06 PM	ET Lymphatic Imaging with MRI	Manus Donahue, PhD
5:06 PM	5:22 PM	ET Lymphatic Imaging with Near-infrared Fluorescence Imaging (NIRF)	Melissa Aldrich, PhD
5:22 PM	5:38 PM	ET Incorporating Lymphatic Imaging in Today's Lymphedema Practice	Leo Tsai, MD, PhD, MSc
5:38 PM	6:00 PM	ET Lymphatic Imaging: Cutting Edge Concepts with Q & A	All Faculty
4:45 PM	6:00 PM	ET PRACTICE MANAGEMENT II	LINCOLN (CH. 2)
4:45 PM	5:35 PM	ET Practice Scheduling - how to find time when your schedule "looks" full	Kandy Hammond, RN, BSN, MBA/HCM
5:35 PM	5:45 PM	ET Audience Questions	Kandy Hammond, RN, BSN, MBA/HCM
5:45 PM	6:00 PM	ET Command and Control-Effective Management Principles in Facing Challenging Circumstances	Jeffery Schoonover, MD, FAAFP, RVT, RPVI & Kari Schoonover
4:45 PM	6:00 PM	ET RPHS REVIEW CRASH COURSE II	KING (CH. 4)
4:45 PM	5:00 PM	ET Introduction	Sara Skjonsberg, RVT, RPhS
5:00 PM	6:00 PM	ET RPhS Mock Examination	Sara Skjonsberg, RVT, RPhS, Marresa Houle, BS, RVT, RPhS, RDMS, Linda Antonucci, RPhS, RVT, RDCS
6:00 PM	7:00 PM	ET CAST YOUR VOTE (INTERACTIVE SESSIONS) THURSDAY	WASHINGTON (CH. 1)
6:00 PM	7:00 PM	ET Cast Your Vote (Interactive Sessions)	Steve Elias, MD, FACS, FAVLS, DABVLM Neil Khilnani, MD, FSIR, FAVLS, Ellen Dillavou, MD, FACS, Harold Welch, MD
7:00 PM	8:00 PM	ET BREAK*	
8:00 PM	9:00 PM	ET MEET THE FACULTY RECEPTION*	VIDEO CHATS



FRIDAY, OCTOBER 16TH

START / END TIME	NAME	CHANNEL
8:00 AM 9:00 AM ET	INNOVATION PAVILION*	INNOVATION PAVILION
8:00 AM 9:00 AM ET	LYMPHAPRESS SATELLITE SYMPOSIUM*	GOTOWEBINAR
8:00 AM 9:00 AM ET	Treating lymphedema can be easier than you think	
9:00 AM 11:00 AM ET	ALLIED HEALTH SESSION	LINCOLN (CH. 2)
9:00 AM 9:10 AM ET	Introduction and Presentation with Audience Participation	Jessica Ochs, PA-C, Sarah Whitehead, APRN
9:10 AM 10:00 AM ET	Lymphedema Management	Andrea Brennan, OTR/L, CLT-LANA, WCC, CI-CS
10:00 AM 10:10 AM ET	Q & A for Lymphedema Management	Andrea Brennan, OTR/L, CLT-LANA, WCC, CI-CS
10:10 AM 10:20 AM ET	Cost vs. Value of Compression Therapy	Terri Morrison, RN, BS, Voc ED
10:20 AM 10:40 AM ET	Wound Updates	Mary Siegreens
10:40 AM 10:50 AM ET	Venotonic Drugs	Kristan Probeck, ANP-C
10:50 AM 11:00 AM ET	Audience Questions	All Faculty
9:00 AM 11:00 AM ET	LYMPHEDEMA IN PRACTICE, COMPLEX LYMPHEDEMA THERAPY: VASCULAR AND COMPRESSION CONSIDERATIONS AND INNOVATIVE SOLUTIONS	JEFFERSON (CH. 3)
9:00 AM 9:05 AM ET	Case Presentation with Audience Participation	Paula Donahue, DPT, CLT-LANA, MBA
9:05 AM 9:20 AM ET	Lymphedema with CVI: Incidence and Considerations	Steven Dean, DO, FSV, RPVI
9:20 AM 9:44 AM ET	Unidentified Leg Edema: Medical Considerations before Therapy	Aaron Aday, MD, MSc
9:44 AM 10:02 AM ET	Lower Extremity Vascular Assessment for the Certified Lymphedema Therapist	Kristina Sanchez, MD
10:02 AM 10:12 AM ET	Vascular Q&A	Paula Donahue, DPT, CLT-LANA, MBA
10:12 AM 10:24 AM ET	What are we doing? A "big data" Analysis of the Contemporary Treatment Modalities for Lymphedema and Their Relation to the Cause of Lymphedema	Thomas O'Donnell Jr., MD
10:24 AM 10:34 AM ET	Smart Wearable Compression Technology for Treating Breast Cancer-related Lymphedema: Pilot Safety and Efficacy Observations	Stanley Rockson, MD
10:34 AM 10:50 AM ET	Therapy for Phlebolympedema	Andrea Brennan, OTR/L, CLT-LANA, WCC, CI-CS
10:50 AM 11:00 AM ET	Audience Questions	All Faculty
9:00 AM 10:00 AM ET	POSTER ABSTRACT FRIDAY I	WASHINGTON (CH. 1)
	Introduction - Poster Abstract	Joseph Raffetto, MD, FACS, FSV
	Lymphatic injury after suction lipectomy with lipedema	Thomas Wright, MD, FACP, RVT, FAVLS
	Massive Pulmonary Embolism and Massive Ilio-Femoral DVT Treated Simultaneously	Harinder Bedi, MS, MCh (CTVS), FIACS
	The Best Way to Prevent Endovenous Heat Induce Thrombosis.	Blazej Lojewski, MD, MD
	Waterfall Lessons: The Importance of Hemodynamic Pressure for the Progression of Venous Insufficiency.	Johann Chris Ragg, MD
	A Randomized Controlled Clinical Study in the Therapeutic Process of Venous Aysberg	Derin Atabey, MD
	Evaluating the effectiveness of an untethered intermittent pneumatic compression device to enhance the quality of life of the elderly	Angelo Karunaratne, PhD
	Screening for popliteal vein aneurysm in patients with venous disease	Beatrix Cucuruz
	The Best Way to Prevent Post Endovenous Laser Ablation Neuropathy.	Blazej Lojewski, MD
	Deposits of adipose tissue in advanced lower limb lymphedema can be permanently decreased by liposuction with skin reduction in contrast to subcutis liposuction only	Marzanna Zaleska, PhD, DSc
	Improving venous ablation results by identifying and treating phlebolympedema and soft tissue fibrosis.	Karen Ashforth, MS, OTR/L, CLT-LANA
	Effects of Central Venous Catheterization Exclusively Guided by Point-of-Care Ultrasound	Brena Santos, MD
	Persistent Pelvic Congestion Syndrome in a Patient with History of Successful Embolization of Bilateral Ovarian Veins	Abeera Azam, MD
	Association Between Right-Sided Heart Function and Venous Leg Ulceration	Alejandro Pizano, MD
	Direct Observation of The Needle Hub And The Syringe For Spontaneous Blood Return Can Increase Safety of Sclerotherapy.	Blazej Lojewski, MD
	Simulator for central venous puncture in prone patients diagnosed with COVID-19	Danielle Kuramoto
	Closing Comments	

START / END TIME		NAME	CHANNEL
9:00 AM	11:00 AM	ET VASCULAR ULTRASOUND FRIDAY I	KING (CH. 4)
9:00 AM	9:05 AM	ET Introduction- Vascular Ultrasound Friday I	Marresa Houle, BS, RVT, RPhS, RDMS
9:05 AM	9:10 AM	ET Venous Insufficiency Case Study	Daniel Enriquez
9:10 AM	9:25 AM	ET Clinical exam	Marresa Houle, BS, RVT, RPhS, RDMS
9:25 AM	9:40 AM	ET Venous Anatomy of the Lower Extremity Truncal Veins	Sergio Ganesini, MD, PhD, FACS
9:40 AM	9:55 AM	ET Venous Hemodynamics	Diana Neuhardt, RVT, RPhS, FSVU
9:55 AM	10:10 AM	ET Evaluation of the Deep Venous System	Linda Antonucci, RPhS, RVT, RDCS
10:10 AM	10:25 AM	ET Lower Extremity Venous Protocols- What to Document and How to Document It	Jessy Farris, MHS, RVT, RPhS
10:25 AM	10:30 AM	ET Iliac Vein Case Study	Mariah Elliott, BS, RVT, RPhS
10:30 AM	10:45 AM	ET Iliac Venous Duplex, It Should be Routine	Mariah Elliott, BS, RVT, RPhS
10:45 AM	11:00 AM	ET Audience Questions	All Faculty
10:00 AM	11:00 AM	ET ORAL ABSTRACT FRIDAY I	WASHINGTON (CH. 1)
		Introduction to Session Friday I	Sarah Onida, BSc, MD, MRCS, PhD
		Cellulitis (dermato-lymphangio-adenitis, DLA) in limb lymphedema - antibiotic acute and chronic therapy, prophylaxis	Ewa Stelmach
		Long-term follow-up of silicone tube implantation for bypassing the site of lymph flow obstruction -20	Marzanna Zaleska, PhD, DSc
		The influence of diabetes on infections in patients with lymphedema	Mark Iafrati, MD, RVT, RPVI, FACS
		Is radiographic imaging mandatory in ALL cases of lower extremity Lipedema?	Emily Iker, MD
		Closing Comments	Sarah Onida, BSc, MD, MRCS, PhD
11:00 AM	11:15 AM	ET BREAK*	
11:15 AM	1:00 PM	ET LYMPHEDEMA THERAPY, ENHANCING LYMPHEDEMA THERAPY THROUGH MANUAL TECHNIQUES	JEFFERSON (CH. 3)
11:15 AM	11:20 AM	ET Introduction and Presentation with Audience Participation	Paula Donahue, DPT, CLT-LANA, MBA
11:20 AM	11:35 AM	ET Manual Lymphatic Drainage: Overview of Principles and Contributions	All Faculty
11:35 AM	11:50 AM	ET Tissue Texture and MLD Modifications	Molly Sleigh, OTD-STUDENT, OTR/L, CLT-LANA, STAR/C
11:50 AM	12:00 PM	ET Combined Use of Graded Negative Pressure with Manual Therapy	Paula Donahue, DPT, CLT-LANA, MBA
12:00 PM	12:15 PM	ET Fibrosis and Tissue Mobilization	Andrea Brennan, OTR/L, CLT-LANA, WCC, CI-CS
12:15 PM	12:25 PM	ET Q&A (prior to case presentations)	Paula Donahue, DPT, CLT-LANA, MBA
12:25 PM	12:50 PM	ET Manual Techniques for Patient Management: Case Examples	Paula Donahue, DPT, CLT-LANA, MBA
12:50 PM	1:00 PM	ET Audience Questions- Case Presentations	All Faculty
11:15 AM	1:00 PM	ET ORAL ABSTRACT FRIDAY II	WASHINGTON (CH. 1)
		Introduction to Session Friday II	William Marston, MD
		Lymphatic component of leg venous ulcers - lymphography evaluation of the size of peri-venous inflammation	Waldemar Lech Olszewski, MD, PhD
		A Comparative Study of the Influence of Inelastic Multilayer Bandages and Adjustable Velcro Devices on the Ankle Range of Motion and the Calf Muscle Pump Dysfunction on Patients with Lymphedema Lower Extremities	Tatiana Apkhanova
		Stenting or angioplasty for the treatment of deep vein thrombosis: a systematic review and meta-analysis	Rebeca Correia, MD
		Pelvic venous insufficiency secondary to iliac vein stenosis and ovarian vein reflux treated with iliac vein stenting alone.	Gaurav Lakhanpal
		Management of Venous Thoracic Outlet Syndrome	Albeir Mousa, MD, FACS, DFSVS, CWS, MBA, MPH, RPVI
		Point-of-care ultrasound for the deep vein thrombosis assessment in critical ill patients with COVID-19	Ana Alyra Carvalho, MD
11:15 AM	1:00 PM	ET PRACTICE MANAGEMENT FRIDAY	LINCOLN (CH. 2)
11:15 AM	11:45 AM	ET Envisioning Your Practice's Future: How to Think and Act Strategically Everyday PART 1	Therese Miclot
11:45 AM	12:15 PM	ET Envisioning Your Practice's Future: How to Think and Act Strategically Everyday PART 2	Therese Miclot
12:15 PM	12:45 PM	ET Envisioning Your Practice's Future: How to Think and Act Strategically Everyday PART 3	Therese Miclot
12:45 PM	1:00 PM	ET Audience Questions	Therese Miclot



START / END TIME		NAME	CHANNEL
11:15 AM	1:00 PM	ET VASCULAR ULTRASOUND FRIDAY II	KING (CH. 4)
11:15 AM	11:20 AM	ET Introduction Vascular Ultrasound Friday II	Linda Antonucci, RPhS, RVT, RDMS
11:20 AM	11:25 AM	ET Venous Malformations Case Study	Diana Neuhardt, RVT, RPhS, FSVU
11:25 AM	11:37 AM	ET Venous Malformations	Sergio Ganesini, MD, PhD, FACS
11:37 AM	11:49 AM	ET Case Study I	Donna Kelly, RVT, RPhS, RDMS
11:49 AM	11:54 AM	ET Venous Procedures: What are the Options?	Sherry Scovell, MD
11:54 AM	12:06 PM	ET Non-Saphenous Varices Case Study	Aleata Rigsby, BS, RVT, RPhS
12:06 PM	12:18 PM	ET Non-Saphenous Varices: What's Their Origin?	Diana Neuhardt, RVT, RPhS, FSVU
12:18 PM	12:23 PM	ET The Sonographers Role in the Procedure Room	Linda Antonucci, RPhS, RVT, RDMS
12:23 PM	12:35 PM	ET Nerve Pain Case Study	Marresa Houle, BS, RVT, RPhS, RDMS
12:35 PM	12:47 PM	ET Nerve Pain- Venous or Not?	Marresa Houle, BS, RVT, RPhS, RDMS
12:47 PM	1:00 PM	ET Audience Questions	All Faculty
1:00 PM	2:30 PM	ET INNOVATION THEATRE - NEW PRODUCT & SERVICE PRESENTATIONS*	WASHINGTON (CH. 1)
1:00 PM	2:30 PM	ET MEDTRONIC SATELLITE SYMPOSIUM*	GOTOWEBINAR
2:30 PM	3:30 PM	ET CAST YOUR VOTE (INTERACTIVE SESSIONS) FRIDAY	WASHINGTON (CH. 1)
2:30 PM	3:30 PM	ET Cast Your Vote (Interactive Sessions) Friday	Steve Elias, MD, FACS, FAVLS, DABVLM, Marlin Schul, MD, RVT, FAVLS, Peter Pappas, MD, FACS, DABVLM, William Marston, MD
3:30 PM	4:00 PM	ET CEAP REVISION 2020	WASHINGTON (CH. 1)
3:30 PM	4:00 PM	ET CEAP Revision 2020	Fedor Lurie, MD, PhD
4:00 PM	4:30 PM	ET SVP CLASSIFICATION OF PELVIC VENOUS DISORDERS	WASHINGTON (CH. 1)
4:00 PM	4:30 PM	ET SVP Classification of Pelvic Venous Disorders	Mark Meissner, MD, FAVLS
4:30 PM	4:45 PM	ET BREAK*	
4:45 PM	7:00 PM	ET DEEP/PELVIC VEIN: POST-THROMBOTIC DISEASE	LINCOLN (CH. 2)
4:45 PM	4:55 PM	ET Clinical case 1	Ronald Winokur, MD
4:55 PM	5:00 PM	ET Clinical case 2	Kathleen Gibson, MD, FACS, FAVLS
5:00 PM	5:05 PM	ET Clinical Case: Treat the Reflux or the Obstruction?	Stephen Daugherty, MD, FACS, FAVLS, RVT, RPhS
5:05 PM	5:15 PM	ET Clinical case 3	Kush Desai, MD, FSIR
5:15 PM	5:25 PM	ET Clinical case 4	Steve Elias, MD, FACS, FAVLS, DABVLM
5:25 PM	5:35 PM	ET Pathophysiology and natural history	Joseph Raffetto, MD, FACS, FSVM
5:35 PM	5:45 PM	ET Diagnostic evaluation	Nicos Labropoulos, PhD
5:45 PM	5:55 PM	ET Best medical therapy - what to offer patients	Fedor Lurie, MD, PhD
5:55 PM	6:05 PM	ET Appropriate patient selection for intervention	Kathleen Gibson, MD, FACS, FAVLS
6:05 PM	6:15 PM	ET Technical steps for post-thrombotic iliac vein stenting	Ronald Winokur, MD
6:15 PM	6:25 PM	ET Tips and tricks to cross chronic occlusions	Kush Desai, MD, FSIR
6:25 PM	6:35 PM	ET Options for femoral-popliteal disease	Steve Elias, MD, FACS, FAVLS, DABVLM
6:35 PM	6:45 PM	ET What to treat in the OBL and what to send to the hospital	Carl Fastabend, MD, FACC, FSCAI, DABVLM, RPVI
6:45 PM	7:00 PM	ET Audience Questions	All Faculty
4:45 PM	7:00 PM	ET LYMPHEDEMA SURGICAL FRIDAY	JEFFERSON (CH. 3)
4:45 PM	5:00 PM	ET Case Presentation with Audience Participation	Peter Neligan, MB, FRCS, FRCSC, FAC
5:00 PM	5:20 PM	ET Prophylactic Lymphatic Reconstruction	Dhruv Singhal
5:20 PM	5:40 PM	ET Vascularized Lymph Node Transplantation	Joseph Dayan
5:40 PM	6:00 PM	ET The Pathophysiology of Lymphedema	Babak Mehrara
6:00 PM	6:20 PM	ET Lymphatics Venous Bypass	David Chang, MD, FACS
6:20 PM	7:00 PM	ET Audience Questions	All Faculty



START / END TIME		NAME	CHANNEL
4:45 PM	7:00 PM	ET SUPERFICIAL VENOUS DISEASE: AVLS CAGE MATCH CARD - CONTROVERSIES IN VEIN CARE	WASHINGTON (CH. 1)
4:45 PM	4:55 PM	ET Introduction and Presentation with Audience Participation	Robert Worthington-Kirsch, MD, FSIR, FCIRSE, FAVLS, RVT, RPVI, RPhS
4:55 PM	5:00 PM	ET Thermal vs Non-Thermal Ablation of Truncal Vessels (Thermal Ablation is Better)	Daniel Friedmann, MD, FAAD
5:00 PM	5:05 PM	ET Thermal vs Non-Thermal Ablation of Truncal Vessels (Non-Thermal Ablation is Better)	Kathleen Gibson, MD, FACS, FAVLS
5:05 PM	5:15 PM	ET Audience Questions	Panelists
5:15 PM	5:20 PM	ET Non-Staged vs Staged Treatment for SVI (Non-Staged Treatment is Better)	Nick Morrison, MD, FACS, FAVLS, RPhS
5:20 PM	5:25 PM	ET Non-Staged vs Staged Treatment for SVI (Staged Treatment is Better)	Satish Vayuvegula, MD, MS, FAVLS
5:25 PM	5:35 PM	ET Audience Questions	Panelists
5:35 PM	5:40 PM	ET Truncal Only vs Tributary Only (CHIVA vs ASVAL)- Pro CHIVA	Sergio Giancesini, MD, PhD, FACS
5:40 PM	5:45 PM	ET Truncal Only vs Tributary Only (CHIVA vs ASVAL)- Pro ASVAL	Paul Pittaluga, MD
5:45 PM	5:55 PM	ET Audience Questions	Panelists
5:55 PM	6:00 PM	ET How Important is Treatment of the AAGSV (AAGSV should be treated primarily)	Marlin Schul, MD, MBA, RVT, FAVLS
6:00 PM	6:05 PM	ET How Important is Treatment of the AAGSV (initial treatment of the GSV is sufficient)	Bob Tahara
6:05 PM	6:15 PM	ET Audience Questions	Panelists
6:15 PM	6:20 PM	ET The Importance of Treating Incompetent Perforators 1	Ellen Dillavou, MD, FACS
6:20 PM	6:30 PM	ET The Importance of Treating Incompetent Perforators 2	Cees Wittens, MD, PhD
6:30 PM	6:40 PM	ET Audience Questions	Panelists
6:40 PM	6:45 PM	ET Vein Size	Mark Meissner, MD, FAVLS
6:45 PM	7:00 PM	ET Audience Questions	Panelists
4:45 PM	7:00 PM	ET VASCULAR MEDICINE FRIDAY	KING (CH. 4)
4:45 PM	4:55 PM	ET Case Presentation with Audience Participation; Swollen leg I : Medications, Metabolic	Marcus Stanbro, DO, FSVM, RPVI
4:55 PM	5:10 PM	ET Swollen leg II: Obesity, Phlebolympheidema	Steven Dean, DO, FSVM, RPVI
5:10 PM	5:20 PM	ET Swollen leg III: Cardiopulmonary	John Fish, MD
5:20 PM	5:40 PM	ET Year in Review: PAD	Bruce Gray, DO, MS
5:40 PM	6:00 PM	ET Audience Questions	All Faculty
6:00 PM	7:00 PM	ET VASCULAR JEOPARDY	Steven Dean, DO, FSVM, RPVI, Yogen Kanthi, MD
7:00 PM	8:00 PM	ET BREAK*	
8:00 PM	9:00 PM	ET MEET THE AVLS BOARD OF DIRECTORS*	VIDEO CHAT



SATURDAY, OCTOBER 17TH

START / END TIME	NAME	CHANNEL
8:00 AM 9:00 AM ET	CENTER FOR VEIN RESTORATION SATELLITE SYMPOSIUM*	GOTOWEBINAR
8:00 AM 9:00 AM ET	Stronger Together III: Resilience	
8:00 AM 9:30 PM ET	INNOVATION PAVILION*	INNOVATION PAVILION
9:00 AM 11:00 AM ET	ALLIED HEALTH SESSIONS SATURDAY I	LINCOLN (CH. 2)
9:00 AM 9:10 AM ET	Introduction and Presentation with Audience Participation	Jessica Ochs, PA-C
9:10 AM 9:35 AM ET	Clinic phlebectomies	Jessica Ochs, PA-C
9:35 AM 9:45 AM ET	Leg Edema Differential Diagnosis	Sarah Whitehead, ARNP
9:45 AM 10:20 AM ET	Sclero Complications	Jessica Ochs, PA-C
10:20 AM 10:35 AM ET	Upper Extremity DVT Management	Sarah Whitehead, ARNP
10:40 AM 11:00 AM ET	Audience Questions	All Faculty
9:00 AM 11:00 AM ET	LYMPHEDEMA THERAPY, LIPEDEMA TREATMENT, IMAGING AND POST-SURGERY THERAPY APPLICATION	JEFFERSON (CH. 3)
9:00 AM 9:05 AM ET	Introduction and Presentation with Audience Participation	Molly Sleigh, OTD-STUDENT, OTR/L, CLT-LANA, STAR/C
9:05 AM 9:20 AM ET	A Medical Perspective on Managing Lipedema	Karen Herbst, MD, PhD
9:20 AM 9:35 AM ET	Conservative Therapy for Lipedema: Key Concepts	Linda Anne Kahn, NCBTMB, CLT-LANA, CMT
9:35 AM 9:50 AM ET	MRI Findings in Lipedema	Rachelle Crencenzi
9:50 AM 10:15 AM ET	Patient Cases: Better Understanding of Lipedema Features	Karen Herbst, MD, PhD
10:15 AM 10:35 AM ET	Ketogenic Way of Eating and Lymphatic Disorders	Leslyn Keith, OTD, CLT-LANA
10:35 AM 10:50 AM ET	Lymphedema Therapy Pre and Post Liposuction	Kathleen Lisson, CLT
10:50 AM 11:00 AM ET	Audience Questions	All Faculty
9:00 AM 11:00 AM ET	ORAL ABSTRACT SATURDAY	WASHINGTON (CH. 1)
	Introduction to Session Saturday	Joseph Raffetto, MD, FACS, FSVM
	Treatment outcomes after thermal ablation for Anterior Accessory Great Saphenous Veins compared to Great Saphenous Veins	Zoe Deol, MD, FACS
	Phlebitis-like abnormal reaction after cyanoacrylate adhesive closure: Measures of outcome	Rie Yagi, MD
	Alternately spaced cyanoacrylate adhesive closure combined with foam sclerotherapy for suprafascial superficial saphenous vein reflux.	Naoki Sakakibara, MD, PhD
	6 months outcomes from High Intensity Focused Ultrasound (HIFU) closure of incompetent saphenous and perforator veins	Mark Whiteley, MS, FRCS(Gen)
	Ultrasound Assessment of Endothermal Ablation with or without Polidocanol Endovenous Microfoam Therapy in Patients with Chronic Venous Disease: A Retrospective Study	Kevin Pink
	The medial accessory of the GSV: about a largely unknown superficial vein of importance	Florian Netzer, Dr. rer. nat.
	Impact of Medical Chatbot Technology in Venous Care	Carl Black, MD
	TrafficKING (CH. 4) in veins: where do internet browsers go to find information on varicose veins	Alyssa Langley, BS
9:00 AM 11:00 AM ET	VASCULAR ULTRASOUND SATURDAY I	KING (CH. 4)
9:00 AM 9:05 AM ET	Introduction - Ultrasound Saturday	Donna Kelly, RVT, RPhS, RDMS
9:05 AM 9:20 AM ET	Clinical Presentation of Pelvic Venous Disorders	Sara Skjonsberg, RVT, RPhS
9:20 AM 9:25 AM ET	Pelvic Case Study	Mariah Elliott, BS, RVT, RPhS
9:25 AM 9:45 AM ET	Ultrasound for Pelvic Venous Disorders	Donna Kelly, RVT, RPhS, RDMS
9:45 AM 10:05 AM ET	The Iliac Veins	Mariah Elliott, BS, RVT, RPhS
10:05 AM 10:10 AM ET	Pelvic Leak Points Case Study	Sara Skjonsberg, RVT, RPhS
10:10 AM 10:20 AM ET	Pelvic Leak Points	Sara Skjonsberg, RVT, RPhS
10:20 AM 10:35 AM ET	Treatment options for Pelvic Venous Disorders	Julianne Stoughton, MD, FACS
10:35 AM 10:50 AM ET	Pelvic Venous Disorders- A different view	Gloria Salazar, MD
10:50 AM 11:00 AM ET	Audience Questions	All Faculty
11:00 AM 11:15 AM ET	BREAK*	



START / END TIME	NAME	CHANNEL
11:15 AM 1:00 PM ET	DEEP/PELVIC VEIN: ACUTE DEEP VENOUS DISEASE	LINCOLN (CH. 2)
11:15 AM 11:20 AM ET	Case Presentation 1 with Audience Participation	Kush Desai, MD, FSIR
11:20 AM 11:25 AM ET	Case Presentation 2 with Audience Participation	Ronald Winokur, MD
11:25 AM 11:30 AM ET	Case Presentation 3 with Audience Participation	Carl Fastabend, MD, FACC, FSCAI, DABVLM, RPVI
11:30 AM 11:40 AM ET	Best medical practices/guidelines for acute DVT	Teresa Carman, MD, RPVI
11:40 AM 11:50 AM ET	Thrombolysis: drilling down on the ATTRACT trial: Who benefits from thrombolysis?	Anthony Comerota, MD, FACS, FACC
11:50 AM 12:00 PM ET	Mechanicochemical treatment-differences between devices/when and how to use them	Ronald Winokur, MD
12:00 PM 12:10 PM ET	Outpatient Models for Acute Iliofemoral DVT: Can They be Safely Treated in an OBL Setting?	Carl Fastabend, MD, FACC, FSCAI, DABVLM, RPVI
12:10 PM 12:20 PM ET	IVC filters: who needs them/differences between designs and successful programs for removal	Kush Desai, MD, FSIR
12:20 PM 12:30 PM ET	Advanced therapy for PE	Victor Tapson
12:30 PM 1:00 PM ET	Audience Questions	All Faculty
11:15 AM 1:00 PM ET	LYMPHEDEMA MEDICINE	JEFFERSON (CH. 3)
11:15 AM 11:25 AM ET	Case Presentation with Audience Participation	Steven Dean, DO, FSVM, RPVI
11:25 AM 11:40 AM ET	Is Aging the "New" Risk Factor for Lymphedema?	Stanley Rockson, MD
11:40 AM 11:50 AM ET	Treatment of Recurrent Lower Extremity Cellulitis in Lower Extremity Lymphedema: What Does the Evidence Show?	Vinay Satwah, DO, RPVI, FSVM
11:50 AM 12:10 PM ET	Whole Body Lymphoscintigraphy: When is it needed in Lymphedema?	Emily Iker, MD
12:10 PM 12:25 PM ET	Lower Extremity Cellulitis or Pseudocellulitis?	Steven Dean, DO, FSVM, RPVI
12:25 PM 12:40 PM ET	The Clinical Manifestations and Genetics of Syndromic Lymphedema	Stanley Rockson, MD
12:40 PM 1:00 PM ET	Audience Questions	All Faculty
11:15 AM 1:00 PM ET	SUPERFICIAL VENOUS DISEASE: UPDATES	WASHINGTON (CH. 1)
11:15 AM 11:25 AM ET	Introduction and Presentation with Audience Participation	Vineet Mishra, MD, FAAD, FAVLS
11:25 AM 11:45 AM ET	CEAP Revision Update	Joseph Raffetto, MD, FACS, FSVM
11:45 AM 12:05 PM ET	PRO Registry Update	Joseph Jenkins, MD, FACS, RPVI, RPhS, DABVLM, CWSP, Marlin Schul, MD, RVT, FAVLS
12:05 PM 12:25 PM ET	Venous Malformations	Dietrich Schultze, MD
12:25 PM 12:40 PM ET	New and Emerging Technologies	Zoe Deol, MD, FACS
12:40 PM 1:00 PM ET	Audience Questions	All Faculty
11:15 AM 1:00 PM ET	VASCULAR MEDICINE	KING (CH. 4)
11:15 AM 11:35 AM ET	Case Presentation with Audience Participation/Year in Review: Venous Manuscripts from 2019-20	John Fish, MD
11:35 AM 11:50 AM ET	Anticoagulant therapy: update on DOAC use for VTE Treatment and Prophylaxis	Geoffrey Barnes, MD, MSc
11:50 AM 12:10 PM ET	COVID-19 associated coagulopathy, endotheliopathy and thrombosis	Yogen Kanthi, MD
12:10 PM 12:25 PM ET	Who, what and when? - the basics of the thrombophilia workup	Drew Oostra, MD
12:25 PM 12:40 PM ET	Update on the management of thrombophlebitis	Teresa Carman, MD, RPVI
12:40 PM 1:00 PM ET	Audience Questions	All Faculty
1:00 PM 2:30 PM ET	INNOVATION THEATRE - NEW PRODUCT & SERVICE PRESENTATIONS*	WASHINGTON (CH. 1)
1:00 PM 2:30 PM ET	RESIDENTS, FELLOWS, EARLY CAREER TRACK*	JEFFERSON (CH. 3)
1:00 PM 1:10 PM ET	Case Presentation with Audience Participation	Yung-Wei Chi, DO, FAHA, FSVM, FAVLS
1:10 PM 1:22 PM ET	Venous and arterial ulcer	Yung-Wei Chi, DO, FAHA, FSVM, FAVLS
1:22 PM 1:34 PM ET	Venous and arterial ulcer	Neil Khilnani, MD, FSIR, FAVLS
1:34 PM 1:46 PM ET	Venous and arterial ulcer	Ronald Winokur, MD
1:46 PM 1:58 PM ET	Venous and arterial ulcer	Steve Elias, MD, FACS, FAVLS, DABVLM
1:58 PM 2:10 PM ET	Anticoagulation case	Eri Fukaya, MD, PhD
2:10 PM 2:30 PM ET	Audience Questions	All Faculty
1:00 PM 2:30 PM ET	SIGVARIS GROUP SATELLITE SYMPOSIUM*	GOTOWEBINAR
2:00 PM 2:30 PM ET	INTERNATIONAL ROUNDTABLE*	KING (CH. 4)
2:30 PM 3:30 PM ET	ALLIED HEALTH SESSIONS SATURDAY II	LINCOLN (CH. 2)
2:30 PM 2:31 PM ET	Introduction and Presentation with Audience Participation	Sarah Whitehead, ARNP
2:31 PM 3:20 PM ET	Legal Documentation	Rhianna Fronapfel
3:20 PM 3:30 PM ET	Audience Questions	All Faculty



START / END TIME		NAME	CHANNEL
2:30 PM	3:30 PM	ET AVF SYMPOSIUM: CHALLENGES IN VENOUS DISEASE SATURDAY	JEFFERSON (CH. 3)
2:30 PM	2:38 PM	ET Challenges in Venous Imaging	Nicos Labropoulos, PhD
2:38 PM	2:46 PM	ET How to Provide Adequate Compression	Harold Welch, MD
2:46 PM	2:54 PM	ET New Ulcer After a Venous Procedure	William Marston, MD
2:54 PM	3:02 PM	ET Complications After Superficial Interventions	Steve Elias, MD, FACS, FAVLS, DABVLM
3:02 PM	3:10 PM	ET Nightmare Filter Retrievals	Kush Desai, MD, FSIR
3:10 PM	3:30 PM	ET Audience Questions	All Faculty
2:30 PM	3:45 PM	ET PHLEBOLOGY ON DEMAND FROM AROUND THE WORLD: PAST, PRESENT AND FUTURE	WASHINGTON (CH. 1)
2:30 PM	2:32 PM	ET Introduction and Opening Remarks	Margaret Mann, MD, FAAD, FAVLS
2:32 PM	2:35 PM	ET South America Honor Opening: LATAM Phlebology Past, Present, Future	Jorge Ulloa, MD Roberto Kimkin, MD, PhD
2:35 PM	2:39 PM	ET EUR-AFRICA Honor Opening: EurAfrica Phlebology Past, Present, Future	Lorenzo Tessari, MD & Wassila Taha
2:39 PM	2:43 PM	ET ASIA Honor Opening: Asia Phlebology Past, Present, Future	Dong-ik Kim, MD, PhD Shenming Wang, MD
2:43 PM	2:51 PM	ET South America Keynote Speaker: Sclerotherapy Past, Present, Future	Carlos Simkin, MD
2:51 PM	2:59 PM	ET Continental Representatives Panel (Europe, N. America, EurAsia, Asia)	Tobias Hirsch, MD, PhD Mark Meissner, MD, FAVLS Evgney Shaydakov Yamaki Takashi, MD, PhD
2:59 PM	3:07 PM	ET EUR-AFRICA Honor Opening: Endovenous Treatments Phlebology Past, Present, Future	Matthieu Josnin, MD
3:07 PM	3:15 PM	ET Continental Representatives Panel (S. America, N. America, EurAsia, Asia)	Kathleen Gibson, MD, FACS, FAVLS Mark Meissner, MD, FAVLS Evgney Shaydakov Yamaki Takashi, MD, PhD
3:15 PM	3:23 PM	ET ASIA Honor Opening: Compression Phlebology Past, Present, Future	Makoto Mo, CT
3:23 PM	3:31 PM	ET Continental Representatives Panel (S. America, N. America, Europe)	Stephen Daugherty, MD, FACS, FAVLS, RVT, RPhS Ernesto Intriago Zaza Lazarashvili, MD, PhD Armando Mansilha
3:31 PM	3:39 PM	ET Final Remarks	Oscar Bottini, MD Yung-Wei Chi, DO, FAHA, FSVM, FAVLS Jinsong Wang Lowell Kabnick, MD, RPhS, FACS, DABVLM
3:39 PM	3:45 PM	ET Closing- Phlebology Around the World	Margaret Mann, MD, FAAD, FAVLS Sergio Gianesini, MD, PhD Marlin Schul, MD, RVT, FAVLS
2:30 PM	3:30 PM	ET VASCULAR ULTRASOUND SATURDAY II	KING (CH. 4)
2:30 PM	2:35 PM	ET Introduction- Vascular Ultrasound Saturday II	Donna Kelly, RVT, RPhS, RDMS
2:35 PM	2:40 PM	ET Case Study 1	Donna Kelly, RVT, RPhS, RDMS
2:40 PM	2:45 PM	ET Case Study 2	Jessy Farris, MHS, RVT, RPhS
2:45 PM	2:50 PM	ET Case Study 3	Jessy Farris, MHS, RVT, RPhS
2:50 PM	2:55 PM	ET Case Study 4	Sarah Brisson, RVT
2:55 PM	3:30 PM	ET Ask the Experts-Vascular Ultrasound Saturday II	Marresa Houle, BS, RVT, RPhS, RDMS Donna Kelly, RVT, RPhS, RDMS Sara Skjonsberg, BS, RVT, RPhS Linda Antonucci, RPhS, RVT, RDMS Mariah Elliott, BS, RVT, RPhS
3:30 PM	3:45 PM	ET BREAK*	
3:45 PM	5:00 PM	ET CAST YOUR VOTE (INTERACTIVE SESSIONS) SATURDAY	WASHINGTON (CH. 1)
3:45 PM	5:00 PM	ET Cast Your Vote (Interactive Sessions) Saturday	Steve Elias, MD, FACS, FAVLS, DABVLM Vineet Mishra, MD, FAAD, FAVLS Kush Desai, MD, FSIR Antonios Gasparis, MD
5:00 PM	6:00 PM	ET AVLS YEAR IN REVIEW	WASHINGTON (CH. 1)



SUNDAY, OCTOBER 18TH

START / END TIME	NAME	CHANNEL
8:00 AM 5:00 PM	ET INNOVATION PAVILION*	INNOVATION PAVILION
9:00 AM 11:00 AM	ET DEEP/PELVIC VEIN: PELVIC VENOUS REFLUX	LINCOLN (CH. 2)
9:00 AM 9:10 AM	ET Case Presentation with Audience Participation	Kathleen Gibson, MD, FACS, FAVLS Stephen Daugherty, MD, FACS, FAVLS, RVT, RPhS
9:10 AM 9:20 AM	ET Pelvic vein anatomy and classification scheme	Mark Meissner, MD, FAVLS
9:20 AM 9:30 AM	ET Imaging for pelvic venous reflux/obstruction	Gloria Salazar, MD
9:30 AM 9:40 AM	ET Pathogenesis: why does pelvic reflux cause pain in some patients but not others?	Mark Meissner, MD, FAVLS
9:40 AM 9:50 AM	ET Non-Vascular Etiologies to Rule Out Before Interventional Treatment: The Short List	Lee Learman, MD, PhD
9:50 AM 10:00 AM	ET Chronic pelvic pain management: What is the role of the vein v. other specialist?	Lee Learman, MD, PhD
10:00 AM 10:10 AM	ET Pelvic venous reflux-techniques	Gloria Salazar, MD
10:10 AM 10:20 AM	ET Combined reflux and obstruction: which to treat first?	Peter Pappas, MD, FACS, DABVLM
10:20 AM 10:30 AM	ET Protocols for care after treatment of pelvic venous reflux. How do we follow these patients?	Antonios Gasparis, MD
10:30 AM 10:40 AM	ET Strategies for insurance authorization	Stephen Daugherty, MD, FACS, FAVLS, RVT, RPhS
10:40 AM 10:50 AM	ET Appropriate use-not all reflux needs to be treated with embolization	Kathleen Gibson, MD, FACS, FAVLS
10:50 AM 11:00 AM	ET Audience Questions	All Faculty
9:00 AM 11:00 AM	ET LYMPHEDEMA MEDICINE	JEFFERSON (CH. 3)
9:00 AM 9:10 AM	ET Case Presentation with Audience Participation	Steven Dean, DO, FSVLM, RPVI
9:10 AM 9:25 AM	ET Is Lipedema a Connective Tissue Disease?	Karen Herbst, MD, PhD
9:25 AM 9:45 AM	ET Lipedema and Chronic Venous Disease: What's the Connection?	Steven Dean, DO, FSVLM, RPVI
9:45 AM 10:05 AM	ET The Other Adipofascial Disorders: Dercum Disease/FML/Angiolipomatosis/MSL	Karen Herbst, MD, PhD
10:05 AM 10:30 AM	ET Whole Body Lymphoscintigraphy: When is it needed in Lipedema?	Emily Iker, MD
10:30 AM 11:00 AM	ET Audience Questions	All Faculty
9:00 AM 11:00 AM	ET SUPERFICIAL VENOUS DISEASE: PANEL SESSION	WASHINGTON (CH. 1)
9:00 AM 9:10 AM	ET Introduction and Presentation with Audience Participation	Robert Worthington-Kirsch, MD, FSIR, FCIRSE, FAVLS, RVT, RPVI, RPhS
9:10 AM 9:50 AM	ET COVID-19 - Lessons Learned	Satish Vayuvegula, MD, MS, FAVLS Khanh Nguyen, DO James Albert, MD, RPVI, FAVLS James "Bo" Johnson, MD, MBA, FACS
9:50 AM 10:05 AM	ET Audience Questions	Panelists
10:05 AM 10:45 AM	ET Truncal Vein Ablation - How Do I Choose Modality	Kathleen Gibson, MD, FACS, FAVLS John Chung, MD, FRCPC Robert Worthington-Kirsch, MD, FSIR, FCIRSE, FAVLS, RVT, RPVI, RPhS Sonja Stiller
10:45 AM 11:00 AM	ET Audience Questions	Panelists
9:00 AM 11:00 AM	ET SVU SYMPOSIUM	KING (CH. 4)
9:00 AM 9:05 AM	ET Welcome	Brian Fowler, BS, RVT
9:05 AM 9:20 AM	ET Novel Treatment of an Iatrogenic Complicated Type B Aortic Dissection	Michael Jolly, MD
9:20 AM 9:40 AM	ET Pedal Duplex Imaging: what is it and why should we use it?	Jill Sommerset, BS, RVT
9:40 AM 10:00 AM	ET Percutaneous Fistula Creation - Techniques for Pre-Procedure Vein Mapping	Amanda Frederick, RVT
10:00 AM 10:20 AM	ET VESAP 5 - Vascular Lab Module	David Dawson, MD, RVT, FSVU
10:20 AM 10:40 AM	ET Update on SVU/SVM Consensus Statement on Doppler Waveforms	Aditya Sharma, MD
10:40 AM 11:00 AM	ET Audience Questions	All Faculty
11:00 AM 11:15 AM	ET BREAK*	
11:15 AM 1:00 PM	ET CAST YOUR VOTE (INTERACTIVE SESSIONS) SUNDAY	WASHINGTON (CH. 1)
1:00 PM 1:10 PM	ET Cast Your Vote (Interactive Sessions) Sunday	Steve Elias, MD, FACS, FAVLS, DABVLM Mark Meissner, MD, FAVLS Chris Pittman, MD, FAVLS, FACR Yogen Kanthi, MD Nicos Labropoulos, PhD Lowell Kabnick, MD, RPhS, FACS, DABVLM



START / END TIME		NAME	CHANNEL
1:00 PM	2:30 PM	ET INNOVATION THEATRE - NEW PRODUCT & SERVICE PRESENTATIONS*	INNOVATION PAVILION
1:00 PM	2:30 PM	ET RESIDENTS, FELLOWS, EARLY CAREER TRACK*	WASHINGTON (CH. 1)
1:00 PM	1:10 PM	ET Case Presentation with Audience Participation	Ronald Winokur, MD
1:10 PM	1:22 PM	ET What Does a Vein Practice Need Part 1	Steve Elias, MD, FACS, FAVLS, DABVLM
1:22 PM	1:34 PM	ET What Does a Vein Practice Need Part 2	Steve Elias, MD, FACS, FAVLS, DABVLM
1:34 PM	1:46 PM	ET ABVLM Certification	Neil Khilnani, MD, FSIR, FAVLS
1:46 PM	1:58 PM	ET ABVLM Fellowship	Mark Meissner, MD, FAVLS
1:58 PM	2:10 PM	ET What does group practice look for in a candidate?	Sanjiv Lakhanpal, MD, FACS, DABVLM
2:10 PM	2:30 PM	ET Audience Questions	All Faculty
2:30 PM	4:30 PM	ET ALLIED HEALTH SESSIONS	LINCOLN (CH. 2)
2:30 PM	2:40 PM	ET Introduction and Presentation with Audience Participation_AH-Sun	Sarah Whitehead, ARNP
2:40 PM	2:55 PM	ET Dermatological	Daniel Friedmann, MD, FAAD
2:55 PM	3:15 PM	ET Vascular Malformations	Catherine Burdge, APRN
3:15 PM	3:45 PM	ET OSHA	Michelle McEvoy, MSN/Ed, RN, NPD-BC
3:45 PM	4:00 PM	ET Utilizing an APP	James Albert, MD, RPVI, FAVLS
4:00 PM	4:10 PM	ET RPhS Board Certification	Heidi Atkins, PA, RPhS
4:10 PM	4:30 PM	ET Audience Questions	All Faculty
2:30 PM	4:30 PM	ET BEST EMERGING SCIENTIFIC SESSION	WASHINGTON (CH. 1)
2:30 PM	2:32 PM	ET Introduction to Session	Kush Desai, MD, FSIR
2:32 PM	2:45 PM	ET Comparative outcomes for the treatment of chronic venous insufficiency in Medicare and Non-Medicare eligible patients: The Extended Center for Vein Restoration Study.	Peter Pappas, MD, FACS, DABVLM
2:45 PM	2:58 PM	ET ABRE Study: 12 Month Results of the Abre Venous Stent System	Erin Murphy, MD, FACS
2:58 PM	3:11 PM	ET EPS ultrasound classification of superficial vein insufficiency origins	Johann Chris Ragg, MD
3:11 PM	3:24 PM	ET Reducing hyperpigmentation after sclerotherapy (RHvAS) study: Results of a randomized controlled trial	Alejandro Gonzalez-Ochoa, MD
3:24 PM	3:37 PM	ET 3 Year Waves Data	Kathleen Gibson, MD, FACS, FAVLS
2:30 PM	4:30 PM	ET BEST EMERGING SCIENTIFIC SESSION	WASHINGTON (CH. 1)
3:37 PM	3:50 PM	ET The C-Tract Trial- what do we know so far	Suresh Vedantham, MD
3:50 PM	4:03 PM	ET A Consensus Review: Edema Drainage and Cardiac Insufficiency - When is there a Contraindication for Compression and Manual Lymphatic Drainage.	Tobias Hirsch, MD, PhD
4:03 PM	4:16 PM	ET Hybrid Technique in Aesthetic Sclerotherapy: LES A Brazilian experience	Julio Ferreira, MD, MS
4:16 PM	4:30 PM	ET Risk Assessment in the time of COVID	Joseph Caprini, MD, MS, FACS, RVT, DFSVS
2:30 PM	4:30 PM	ET LATIN AMERICAN SESSION	KING (CH. 4)
2:30 PM	2:31 PM	ET SESSION RATIONALE	Sergio Giancesini, MD, PhD, FACS
2:31 PM	2:32 PM	ET LATAM Vision 1	Angelo Scuderi, MD
2:32 PM	2:33 PM	ET LATAM Vision 2	Roberto Simkin, MD, PhD
2:33 PM	2:34 PM	ET LATAM Vision 3	Jorge Ulloa, MD
2:34 PM	2:35 PM	ET LATAM Vision 4	Ernesto Intriago, MD
2:35 PM	2:45 PM	ET Case Presentation with Audience Participation	Oscar Bottini, MD
2:45 PM	2:48 PM	ET Case Presentation with Audience Participation 2	Matthieu Josnin, MD
2:48 PM	2:55 PM	ET Innovations in compression	Fabricio Santiago, PhD
2:55 PM	2:57 PM	ET Innovations in compression 2	Margaret Mann, MD, FAAD, FAVLS
2:57 PM	3:00 PM	ET Innovations in compression 3	Alberto Martinez, MD
3:00 PM	3:07 PM	ET Deep Venous Innovations	Jorge Ulloa, MD
3:07 PM	3:10 PM	ET Deep Venous Innovations 2	Mark Meissner, MD, FAVLS
3:10 PM	3:12 PM	ET Deep Venous Innovations 3	Mabel Bussati, MD
3:12 PM	3:19 PM	ET Thermal tumescent state of the art	Carlos Simkin, MD
3:19 PM	3:21 PM	ET Thermal tumescent state of the art 2	Neil Khilnani, MD, FSIR, FAVLS
3:21 PM	3:24 PM	ET Thermal tumescent state of the art 3	Roberto Corbeta, Prof. Dr.
3:24 PM	3:31 PM	ET Aesthetic phlebology hybrid technique	Alvaro Orrego, MD, FACS
3:31 PM	3:34 PM	ET Aesthetic phlebology hybrid technique 2	Marlin Schul, MD, MBA, RVT, FAVLS

START / END TIME		NAME		CHANNEL
2:30 PM	4:30 PM	ET	LATIN AMERICAN SESSION	KING (CH. 4)
3:34 PM	3:36 PM	ET	Aesthetic phlebology hybrid technique 3	Julio Ferreira, MD, MS
3:36 PM	3:43 PM	ET	Global Guidelines in Sclerotherapy	Juan Chunga, MD
3:43 PM	3:45 PM	ET	Global Guidelines in Sclerotherapy 2	Stephen Daugherty, MD, FACS, FAVLS, RVT, RPhS
3:45 PM	3:48 PM	ET	Global Guidelines in Sclerotherapy 3	Marcial Fallas, MD
3:48 PM	3:55 PM	ET	Non Thermal Non tumescent state of the art	Lorena Grillo, MD
3:55 PM	3:57 PM	ET	Non Thermal Non tumescent state of the art 2	Kathleen Gibson, MD, FACS, FAVLS
3:57 PM	4:00 PM	ET	Non Thermal Non tumescent state of the art 3	Luis Rodriguez, MD, PhD
4:00 PM	4:07 PM	ET	Pelvic Venous Disorder: How to get Started	Javier Serralde, MD
4:07 PM	4:10 PM	ET	Pelvic Venous Disorder: How to get Started 2	Diana Neuhardt, RVT, RPhS, FSVU
4:10 PM	4:13 PM	ET	Pelvic Venous Disorder: How to get Started 3	Luis Rene Villarroel, MD, PhD
4:13 PM	4:18 PM	ET	Session Wrap Up and Discussion Starter	Victor Canata, MD
4:18 PM	4:30 PM	ET	Audience Questions- Open Discussion	All Faculty
2:30 PM	4:30 PM	ET	LYMPHEDEMA THERAPY, ADVANCING LYMPHEDEMA CARE IN THE CLINIC AND COMMUNITY	JEFFERSON (CH. 3)
2:30 PM	2:35 PM	ET	Introduction and Presentation with Audience Participation	Kathleen Lisson, CLT
2:35 PM	2:52 PM	ET	Managing and preventing wounds in phlebolymphedema	Heather Hettrick, PT, PhD, CWS, AWCC, CLT-LANA, CLWT, CORE
2:52 PM	3:10 PM	ET	Lymphedema Therapy Pre and Post Lymphovenous Bypass and Lymph Node Transfers	Julie Soderberg, MPT, ATC, CLT-LANA
3:10 PM	3:20 PM	ET	Lymphedema Care Coming of Age: Accreditation for Practitioners	Louisa Boyd, OTR/CLT-LANA
3:20 PM	3:30 PM	ET	LE&RN Centers of Excellence	Melissa Aldrich, PhD
3:30 PM	3:40 PM	ET	Updates from our Lymphatic and Integumentary Rehab (LIR) Section	Robyn Bjork, PT, CLWT, CWS, CLT-LANA
3:40 PM	3:50 PM	ET	Establishing a local lymphedema support group	Adrien MacKenzie, LMT, PTA, CLT-LANA
3:50 PM	4:00 PM	ET	Lymphedema support group and advocacy for patients	Molly Sleigh, OTD-STUDENT, OTR/L, CLT-LANA, STAR/C
4:00 PM	4:10 PM	ET	Lymphedema Advocacy and Support: A Patient's Perspective	Amy Rivera, BA
4:10 PM	4:30 PM	ET	Audience Questions	All Faculty
4:30 PM	5:00 PM	ET	CLOSING CEREMONIES	WASHINGTON (CH. 1)



TARGET AUDIENCE

The Annual Congress sets the standard in vein care education for practitioners who diagnose, treat and manage venous and lymphatic disease. The primary target audience of the 34th Annual Congress includes physicians, physician assistants, advanced registered nurse practitioners, ultrasound technologists, practice administrators, lymphedema therapists, and all other healthcare professionals currently or planning to care for patients with venous and lymphatic disease. Specialists in phlebology, cardiology, dermatology, dermatologic surgery, family practice, general surgery, internal medicine, interventional cardiology, interventional radiology, obstetrics and gynecology, vascular medicine, and vascular surgery are invited to enhance their knowledge and skills specific to the evaluation and treatment of venous and lymphatic disorders.

OBJECTIVES

1. Evaluate patients with venous and/or lymphatic disease and describe the interconnections of superficial venous, deep venous and lymphatic disease.
2. Assess the treatment goals that patients want to accomplish and the impact of venous and lymphatic disease on a patient's quality of life.
3. Distinguish between the indications and contraindications of different treatment techniques and technologies.
4. Diagnose and treat lymphedema and phlebolympheidema.
5. Discuss advanced venous and lymphatic diseases and treatments, including wound care and ulcer management.

EVALUATIONS AND CERTIFICATES

At the conclusion of Congress, please complete an evaluation to document your attendance, provide the American Vein & Lymphatic Society (AVLS) with crucial outcome measurement data, and receive your certificate for the Annual Congress. This will permit the American Vein & Lymphatic Society (AVLS) to continue to enhance your personalized professional development and plan the next Annual Congress. You will be able to access your certificate after the evaluation.

ACCREDITATION AND CREDIT STATEMENTS

The American Vein & Lymphatic Society (AVLS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American Vein & Lymphatic Society (AVLS) designates this internet enduring activity for a maximum of 80.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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Note that relevant faculty financial relationships and commercial support of the AVLS' 34th Annual Congress are disclosed within the conference mobile app.



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