EXHIBITOR RECEPTION

WEDNESDAY | MAY 30
6:00 PM - 7:30 PM

NCVH EXHIBIT HALL
ROOSEVELT BALLROOM
MEZZANINE LEVEL

LIVE MUSIC
COCKTAILS & HORS D’ŒUVRES
WILL BE SERVED

BUSINESS ATTIRE | ALL INVITED
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From the leaders in radial access…
discover what’s next in peripheral intervention.

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Phone: 800.862.4143  terumois.com/r2p
EDUCATIONAL PARTNERS
TARGET AUDIENCE
This activity is intended for cardiologists, interventional cardiologists, vascular medicine specialists, cardiothoracic, endovascular, vascular and general surgeons, interventional radiologists, osteopaths, family physicians, internists, endocrinologists, podiatrists, physical medicine and rehabilitation, residents and fellows, diabetes & wound care specialists, advanced practice nurses, physician assistants, nurses, radiology technologists, physical therapists, paramedics, EMTs, and healthcare administrators.

STATEMENT OF NEED/PROGRAM OVERVIEW
This program highlights the benefits of the multidisciplinary approach to patient care, which includes primary care physicians, nurses, podiatrists, surgeons, wound care specialists and lab technicians. PAD, CLI, coronary artery disease and stroke are very complex diseases that require the collaborative efforts of a multidisciplinary team to treat successfully. The audience represents the different healthcare fields that need to come together to raise awareness among patients about CVD symptoms, the importance of follow-up care and the dangers that not seeking treatment may lead to, including stroke, amputation and death.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants will be able to:

• Discuss the indications, risks and complications of interventional therapies in the treatment of cardiovascular disease, peripheral artery disease, and critical limb ischemia.
• Understand and implement contemporary approaches in peripheral vascular management (including carotid, renal and mesenteric, SFA, below the knee, venous disease and aortic) based on recent clinical trials and evidenced based data.
• Apply appropriate applications of new endovascular technologies for patients with vascular disease.
• Describe appropriate pharmacologic management in the care of patients with cardiovascular disease, peripheral artery disease and critical limb ischemia.
• Discuss various testing modalities and comprehensive spectrum of care in patients with foot ulcers and threatened limbs.
• Explain proper use and interpretation of diagnostic tools and apply appropriate screening techniques for peripheral artery disease.
• Recognize the roles and responsibilities of multidisciplinary members of a comprehensive PAD clinical team.

PHYSICIAN ACCREDITATION STATEMENT
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Academy for Continued Healthcare Learning (ACHL) and New Cardiovascular Horizon Foundation (NCVH). ACHL is accredited by the ACCME to provide continuing medical education for physicians.

PHYSICIAN CREDIT DESIGNATION
The Academy for Continued Healthcare Learning designates this live activity for a maximum of 23.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSING CONTINUING EDUCATION
This Provider approved by the California Board of Registered Nursing, Provider Number 14803 for 23.25 contact hours.

PHYSICIAN ASSISTANTS
AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society.

COUNCIL ON PODIATRIC MEDICAL EDUCATION
The NCVH 2018 Annual Conference is sponsored by the Ohio Foot and Ankle Medical Foundation. The Ohio Foot and Ankle Medical Foundation is approved by the Council on Podiatric Medical Education as a sponsor of continuing education in podiatric medicine. Total continuing education contact hours is 24.5. Podiatrists should claim only the credits commensurate with the extent of their participation in New Cardiovascular Horizons Annual Conference.

AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS
Category A/A+ CE credit is pending approval by the ASRT.
The AAPC has approved “The Business of Peripheral Interventions Stakeholders Forum” for 8 contact hours: Index number NCH51018303A

DISCLOSURE OF CONFLICTS OF INTEREST
ACHL requires that the faculty participating in a CME/CE activity disclose all affiliations or other financial relationships (1) with the manufacturers of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and (2) with any commercial supporters of the activity. All conflicts of interest have been resolved prior to this CME/CE activity.

ACHL staff members, NCVH staff members, and others involved with the planning, development, and review of the content for this activity have no relevant affiliations or financial relationships to disclose. Interest are thoroughly vetted by NCVH for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

DISCLOSURE OF UNLABELED USE
The content for this activity was developed independently of the commercial supporters. All materials are included with permission. The opinions expressed are those of the faculty and are not to be construed as those of the publisher or grantors.

This educational activity was planned and produced in accordance with the ACCME Accreditation Criteria, Policies and Standards for Commercial Support. Recommendations involving clinical medicine in a continuing medical education (CME/CE) activity must be based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients. All scientific research referred to, reported or used in CME/CE in support or justification of a patient care recommendation must conform to the generally accepted standards of experimental design, data collection and analysis.

This CME/CE activity might describe the off-label, investigational or experimental use of medications that
may exceed their FDA-approved labeling. Physicians should consult the current manufacturers’ prescribing information for these products. ACHL requires the speaker to disclose that a product is not labeled for the use under discussion.

DISCLAIMER
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This CME/CE activity might describe the off-label, investigational, or experimental use of medications that may exceed their FDA-approved labeling. Physicians should consult the current manufacturers’ prescribing information for these products. ACHL requires the speaker to disclose that a product is not labeled for the use under discussion.
Physical (paper) accreditation certificates will not be issued at this meeting. Participants will receive an email from marketing@ncvh.org within ten (10) business days after the meeting with instructions on completing the required evaluation and retrieving certificates. For questions or assistance, please contact us at marketing@ncvh.org or 337.993.7920.
PHOTOGRAPHY AND VIDEO

Please be advised that photographs and/or video will be taken at the meeting for use:

• On the conference website and on conference social media pages.
• In the press, including marketing materials and publications distributed to the public.

By entering the conference, you consent to the use of your image and likeness for the purposes mentioned above.
Meet the Titans Reception
Podiatry and Wound Care Sessions and Workshops

RCIS Review Course
Lunch Symposia
Family Practice Sessions
Vein Forum
FLOOR PLANS

MEZZANINE LEVEL

Roosevelt Ballroom Foyer
Conference Registration

Roosevelt Ballroom
Exhibit Hall
Exhibitor Reception

Crescent City Ballroom
General Session
Breakfast Symposium

Waldorf Astoria Ballroom
Fellows Course
Healthcare Professionals Forum
Lunch Symposium
General Session II

Conti
Speaker Ready Room

Napoleon
Innovation Lab

Bienville
Innovation Lab
**FLOOR PLANS**

**SECOND LEVEL**

**Orpheum Room**
- Business of Peripheral Interventions Stakeholders Forum
- Lunch Symposia
- CO₂ Angiography Society Conference

**Producer’s Room**
- ABWH Certification Exams
- SICP’s Signature RCIS Review Course
See Clearly.
Treat Optimally.
Clinical algorithm for complex lesions

Friday, June 1, 2018
Breakfast symposium
7:05AM
Roosevelt Hotel, Crescent City

Moderator
Craig Walker, MD
Founder and chairman
New Cardiovascular Horizons annual conference
Cardiovascular Institute of the South
Houma, LA

See clearly:
The value of peripheral arterial IVUS in driving clinical outcomes
Joseph Griffin, MD
Vascular Specialty Center, LLC
Baton Rouge, LA

Treat optimally:
The right tool for the right job
S. Jay Mathews, MD
Bradenton Cardiology Center
Bradenton, FL

Stellarex DCB:
The complex patient solution
Khurram Waza, MD
Emory University
Atlanta, CA

To learn more, visit the Philips booth #101
Register here: http://www.cvent.com/d/mgq8zb/4W
17TH ANNUAL NATIONAL CLINICAL CONFERENCE

Baltimore, MD
September 6-8, 2018
AAAneurysm Outreach is the nation’s only non-profit organization dedicated to AAA detection and treatment.

Since 1999, AAAneurysm Outreach has provided life-saving early detection screenings for more than 10,000 at-risk individuals.

Contact www.aoutreach.org to partner for a free community screening event.

Let us know if you would like to receive free patient educational materials about AAA.

AAAneurysm Outreach:

1. Educates an at-risk but unaware public about the threat of undiagnosed AAA and provides free ultrasound screening events.

2. Provides community information: that early detection of AAA in most instances is critical to survival.

3. Encourages participants who have a family history of AAA to alert their Primary Care Physician.

www.AOutreach.org

504-598-5241

The nation’s only 501(C)(3) Non-profit helping people with abdominal aortic aneurysms
SCHEDULE AT A GLANCE

MONDAY, MAY 28
3:00 PM - 6:00 PM
REGISTRATION OPEN
Roosevelt Ballroom Foyer | Mezzanine Level

SPEAKER READY OPEN
Conti Room | Mezzanine Level

TUESDAY, MAY 29
6:00 AM - 6:00 PM
REGISTRATION OPEN
Roosevelt Ballroom Foyer | Mezzanine Level

SPEAKER READY OPEN
Conti Room | Mezzanine Level

6:30 AM - 7:15 AM
NCVH FELLOWS COURSE:
BREAKFAST SYMPOSIUM
Waldorf Astoria Ballroom | Mezzanine Level
(see page 28)

7:15 AM - 6:00 PM
NCVH FELLOWS COURSE:
Complex Strategies for Peripheral Interventions
Waldorf Astoria Ballroom | Mezzanine Level

11:15 AM - 12:15 PM
NCVH FELLOWS COURSE:
LUNCH SYMPOSIUM
Waldorf Astoria Ballroom | Mezzanine Level
(see page 28)

7:00 PM - 8:30 PM
NCVH FELLOWS COURSE:
DINNER SYMPOSIUM
Orpheum Ballroom | Second Level
(see page 28)

7:15 AM - 8:00 AM
BREAKFAST SYMPOSIUM
Orpheum Room | Second Level
(see page 28)

8:00 AM - 6:00 PM
UNDERSTANDING THE BUSINESS OF PERIPHERAL INTERVENTIONS
Orpheum Room | Second Level

12:00 PM - 1:00 PM
LUNCH SYMPOSIUM
Orpheum Room | Second Level
(see page 28)

6:00 PM - 7:30 PM
RECEPTION: MEET THE TITANS OF PERIPHERAL INTERVENTIONS
Blue Room | Lobby Level
### SCHEDULE AT A GLANCE

**WEDNESDAY, MAY 30**

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SCHEDULE AT A GLANCE

THURSDAY, MAY 31

6:30 AM - 6:00 PM  REGISTRATION OPEN
Roosevelt Ballroom Foyer
Mezzanine Level

SPEAKER READY OPEN
Conti Room | Mezzanine Level

7:00 AM - 7:50 AM  BREAKFAST SYMPOSIUM
Crescent City Ballroom | Mezzanine Level
(see page 31)

8:00 AM - 6:00 PM  GENERAL SESSION
Similarities in the Treatment of Critical Limb Ischemia (CLI) and
Coronary Chronic Total Occlusions (CTOs): Lessons We Can Learn
From Each Other

14th Annual Critical Limb Ischemia Summit
Crescent City Ballroom | Mezzanine Level

9:00 AM - 4:00 PM  EXHIBIT HALL OPEN
Roosevelt Ballroom | Mezzanine Level

10:00 AM - 3:00 PM  MULTISPECIALTY SESSIONS
Healthcare Professionals Forum
Waldorf Astoria Ballroom | Mezzanine Level

10:00 AM - 3:10 PM  Podiatry and Wound Care Session
Blue Room | Lobby Level

12:10 PM - 12:55 PM  LUNCH SYMPOSIUM
(see page 31, 33)

1:30 PM - 5:15 PM  Cardiovascular Update for the Primary Care Provider
Chambers I and III | Mayor’s Suite Level
FRIDAY, JUNE 01

6:30 AM - 3:00 PM  REGISTRATION OPEN
Roosevelt Ballroom Foyer | Mezzanine Level

7:00 AM - 7:50 AM  BREAKFAST SYMPOSIUM
Crescent City Ballroom | Mezzanine Level (see page 34)

8:00 AM - 5:00 PM  GENERAL SESSION
Gender and Racial Disparities in Peripheral Interventions
Insights on Venous Disease
Crescent City Ballroom | Mezzanine Level

8:00 AM - 4:45 PM  GENERAL SESSION II
Renal and Mesenteric Disease: Treatment and Techniques
Advanced Carotid Interventions
New Technology and Challenging Cases
Waldorf Astoria Ballroom | Mezzanine Level

9:00 AM - 4:00 PM  EXHIBIT HALL OPEN
Roosevelt Ballroom | Mezzanine Level

12:10 PM - 12:55 PM  LUNCH SYMPOSIA
(see page 34)

8:00 AM - 11:45 AM  MULTI SPECIALTY SESSIONS
CO₂ Angiography Society Annual Conference
Orpheum Room | Second Level

9:00 AM - 11:30 AM  Vein Forum
Chambers II and IV | Mayor’s Suite Level

9:45 AM - 3:00 PM  Peripheral Artery Disease Update for the Primary Care Provider
Chambers I and III | Mayor’s Suite Level

10:00 AM - 3:00 PM  Podiatry and Wound Care Session
Blue Room | Lobby Level
SAVE THE DATE

Join us for outstanding education and great networking with colleagues, faculty, and industry partners.

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NETWORK: NCVH
PASSCODE: nola2018

free WiFi
In Exhibit Hall
GLOBAL SUMMIT ON ADVANCED AORTOILIAC AND FEMORAL INTERVENTIONS FOR PERIPHERAL ARTERY DISEASE

8:40 AM - 9:00 AM  
THOMAS ZELLER, MD  
Universitäts-Herzzentrum  
Freiburg- Bad Krozingen  
Bad Krozingen, Germany

9:00 AM - 9:20 AM  
MARCO MANZI, MD  
MARIANO PALENA, MD  
Policlinico Abano Terme  
Abano Terme, Italy

10:40 AM - 11:00 AM  
MARCO MANZI, MD  
MARIANO PALENA, MD  
Policlinico Abano Terme  
Abano Terme, Italy

11:00 AM - 11:20 AM  
THOMAS ZELLER, MD  
Universitäts-Herzzentrum  
Freiburg- Bad Krozingen  
Bad Krozingen, Germany

1:50 PM - 2:10 PM  
THOMAS DAVIS, MD  
St. John Hospital  
Detroit, MI

2:10 PM - 2:30 PM  
THOMAS SHIMSHAK, MD  
Florida Hospital Heartland Medical Center  
Sebring, FL

EMBOLIZATION FOR THE INTERVENTIONIST

4:30 PM - 4:50 PM  
THOMAS SHIMSHAK, MD  
Florida Hospital Heartland Medical Center  
Sebring, FL

4:50 PM - 5:10 PM  
THOMAS DAVIS, MD  
St. John Hospital  
Detroit, MI
LIVE CASE SCHEDULE

THURSDAY, MAY 31

SIMILARITIES IN THE TREATMENT OF CLI AND CORONARY CTOS: LESSONS WE CAN LEARN FROM EACH OTHER

8:40 AM - 9:20 AM  ADAM SALISBURY, MD  Saint Luke’s Hospital  Kansas City, MO

14TH ANNUAL CRITICAL LIMB ISCHEMIA SUMMIT

10:40 AM - 11:00 AM  JIHAD MUSTAPHA, MD  Advanced Cardiac and Vascular Amputation Prevention Centers  Grand Rapids, MI

11:00 AM - 11:20 AM  MARCO MANZI, MD  MARIANO PALENA, MD  Policlinico Abano Terme  Abano Terme, Italy

1:40 PM - 2:00 PM  JIHAD MUSTAPHA, MD  Advanced Cardiac and Vascular Amputation Prevention Centers  Grand Rapids, MI

2:00 PM - 2:20 PM  CARLOS MENA, MD  Yale-New Haven Hospital  New Haven, CT

4:00 PM - 4:20 PM  CARLOS MENA, MD  Yale-New Haven Hospital  New Haven, CT

4:20 PM - 4:40 PM  JIHAD MUSTAPHA, MD  Advanced Cardiac and Vascular Amputation Prevention Centers  Grand Rapids, MI
LIVE CASE SCHEDULE

FRIDAY, JUNE 01

GENDER DISPARITIES IN PERIPHERAL INTERVENTIONS
8:40 AM - 9:00 AM
MARCIO MANZI, MD
MARIANO PALENA, MD
Policlinico Abano Terme
Abano Terme, Italy

9:00 AM - 9:20 AM
RICHARD KOVACH, MD
Deborah Heart and Lung Center
Browns Mills, NJ

ADVANCED CAROTID INTERVENTIONS
9:40 AM - 10:00 AM
THOMAS ZELLER, MD
Universitäts-Herzzentrum
Freiburg- Bad Krozingen
Bad Krozingen, Germany

10:00 AM - 10:20 AM
CHRIS METZGER, MD
Wellmont CVA Heart Institute
Kingsport, TN

GENDER AND RACIAL DISPARITIES IN PERIPHERAL INTERVENTIONS
10:40 AM - 11:00 AM
THOMAS ZELLER, MD
Universitäts-Herzzentrum
Freiburg- Bad Krozingen
Bad Krozingen, Germany

11:00 AM - 11:20 AM
CHRIS METZGER, MD
Wellmont CVA Heart Institute
Kingsport, TN

ADVANCED CAROTID INTERVENTIONS
11:20 AM - 11:40 AM
MARCIO MANZI, MD
MARIANO PALENA, MD
Policlinico Abano Terme
Abano Terme, Italy

11:40 AM - 12:00 PM
RICHARD KOVACH, MD
Deborah Heart and Lung Center
Browns Mills, NJ
Peripheral Arterial Disease in the Underserved Community

Wednesday, May 30
7:00am - 8:00am

LOCATION
Crescent Ballroom
Roosevelt Hotel
New Orleans, LA

SPEAKERS
Craig Walker, MD
George Chrysant, MD
Bryan Fisher, MD
Together, we make it possible.

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At Canon Medical Systems we partner with our customers to truly understand their needs in imaging and beyond. We develop a full range of imaging solutions, including CT, X-Ray, Ultrasound and MR that address time pressures, workflow constraints, patient comfort and imaging precision to deliver true efficiency coupled with best in class tools for diagnosis. Together, we work on an education plan and develop service solutions that meet your every needs.

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INDUSTRY SYMPOSIA

TUESDAY, MAY 29

NCVH FELLOWS COURSE: BREAKFAST SYMPOSIUM  
(Sponsored by BD Peripheral Intervention: NON-CME)  
6:30 AM - 7:15 AM  
Low Profile Continuum of Care: BD Peripheral Intervention  
CHRISTOPHER PARIS, MD  
Waldorf Astoria Ballroom | Mezzanine Level

NCVH FELLOWS COURSE: LUNCH SYMPOSIUM  
(Sponsored by Janssen Pharmaceuticals, Inc: NON-CME)  
11:15 AM - 12:15 PM  
Understanding the Persistent Thrombotic Risk in Patients With Atherosclerotic Disease  
CRAIG WALKER, MD  
Waldorf Astoria Ballroom | Mezzanine Level

NCVH FELLOWS COURSE: DINNER SYMPOSIUM  
(Sponsored by Medtronic: NON-CME)  
7:00 PM - 8:30 PM  
Developing Your Treatment Algorithm  
S. Hinan Ahmed, MD  
Brian DeRubertis, MD  
Carlos Mena, MD  
Craig Walker, MD  
Orpheum Room | Second Level

THE BUSINESS OF PERIPHERAL INTERVENTIONS:  
BREAKFAST SYMPOSIUM  
(Sponsored by Janssen Pharmaceuticals, Inc.: NON-CME)  
7:15 AM - 8:00 PM  
An Evidence-Based Approach to Reducing Risk of Recurrent Venous Thromboembolism  
Samuel Berkman, MD  
Orpheum Room | Second Level

THE BUSINESS OF PERIPHERAL INTERVENTIONS:  
LUNCH SYMPOSIUM  
(Sponsored by Philips: NON-CME)  
12:00 PM - 1:00 PM  
Considerations for Opening and Operating an Office-Based Lab  
ERIC DIPPEL, MD  
FADI SAAB, MD  
CRAIG WALKER, MD  
Orpheum Room | Second Level
Wednesday, May 30

Lunch Symposium
12:00–12:55 pm
Mayor’s Suite Level
Chambers II and IV

Complex PAD—Exploring the value of stent grafts in your treatment algorithm

Featuring the latest data and best practices with GORE® VIABAHN® Endoprosthesis and GORE® VIABAHN® VBX Balloon Expandable Endoprosthesis

Barry Weinstock, MD, Orlando, Florida
Nelson Bernardo, MD, Washington, D.C.
WEDNESDAY, MAY 30

BREAKFAST SYMPOSIUM
(Sponsored by Abbott Vascular: NON-CME)
7:00 AM - 7:50 AM
PAD in the Underserved Communities
GEORGE CHRYSANT, MD
BRYAN FISHER, SR, MD
CRAIG WALKER, MD
Crescent City Ballroom | Mezzanine Level

LUNCH SYMPOSIUM
(Sponsored by Amgen: NON-CME)
12:00 PM - 12:55 PM
Repatha® (evolovumab): Putting It into Practice
ERIC DYESS, MD
Waldorf Astoria Ballroom | Mezzanine Level

LUNCH SYMPOSIUM
(Sponsored by Ashahi Intecc USA, Inc.: NON-CME)
12:00 PM - 12:55 PM
Complex Lesion Crossing: Picking the Right Wire and Understanding the New Wire Technology
CRAIG WALKER, MD
Orpheum Room | Second Level

LUNCH SYMPOSIUM
(Sponsored by Gore & Associates: NON-CME)
12:00 PM - 12:55 PM
Complex PAD: Exploring the Value of Stent Grafts in Your Treatment Algorithm
NELSON BERNARDO, MD
BARRY WEINSTOCK, MD
Chambers II and IV | Mayor’s Suite Level

LUNCH SYMPOSIUM
(Sponsored by Medtronic: NON-CME)
12:00 PM - 12:55 PM
Current Needs and Solutions: A Case by Case Look at Complex Lesions and Best Practices For Improved Patient Outcomes
GEORGE CHRYSANT, MD
SAHIL PARIKH, MD
AMISH THOMAS, MD
Chambers I and III | Mayor’s Suite Level
THURSDAY, MAY 31

BREAKFAST SYMPOSIUM
(Sponsored by Boston Scientific: NON-CME)
7:00 AM - 7:50 AM

EVIDENCE OF TODAY AND TOMORROW: DEFINING ARTERIAL ALGORITHMS FOR SUCCESS

Utilizing IVUS to Enhance Decision-Making With Atherectomy and DE Technologies
STEVE HENAO, MD

BSC Drug-Eluting Clinical Program, Emphasizing Level 1 Evidence
SAHIL PARIKH, MD

Evidence to Support Vessel Prep Using Jetstream Atherectomy Prior to DCB: Current and Future
NICOLAS SHAMMAS, MD
Crescent City Ballroom | Mezzanine Level

LUNCH SYMPOSIUM
(Sponsored by Cardiovascular Systems, Inc.: NON-CME)
12:00 PM - 12:55 PM

Evolving CLI Treatment in Rutherford Class 5 and 6 Patients: Data-Driven Insights From Liberty 360 in Inpatient/Outpatient Settings

LIBERTY 360: Sub-Analysis of Rutherford Class 5 and 6 Patients
GEORGE ADAMS, MD

LIBERTY 360: Sub-Analysis of the Office-Based Lab Setting
CHRISTOPHER LESAR, MD
Impact of Orbital Atherectomy in Treating CLI Patients: Case Reviews
JASON YOHO, MD
Orpheum Room | Second Level

LUNCH SYMPOSIUM
(Sponsored by Intact Vascular, Inc.: NON-CME)
12:00 PM - 12:55 PM

Post-PTA Dissection: Clinical Impact, Identification and Treatment
GEORGE ADAMS, MD
EHRIN ARMSTRONG, MD
NICOLAS SHAMMAS, MD
Chambers II and IV | Mayor’s Suite Level
Data-driven insights from LIBERTY 360 in inpatient/outpatient settings

Thursday, May 31
12:00–12:55 p.m.

Please join us in the Orpheum Room

Speaker Presentations:

LIBERTY 360: Sub Analysis of Rutherford Class 5 & 6 Patients
George Adams, MD

LIBERTY 360: Sub Analysis of the Office-Based Lab Setting
Christopher Lesar, MD

Impact of Orbital Atherectomy in Treating CLI Patients: Case Reviews
Jason Yoho, MD

Indication: The CSI Orbital Atherectomy System is a percutaneous orbital atherectomy system indicated for use as therapy in patients with occlusive atherosclerotic disease in peripheral arteries and stenotic material from artificial arteriovenous dialysis fistulae. Contraindications for the system include use in coronary arteries, bypass grafts, stents, or where thrombus or dissections are present. Although the incidence of adverse events is rare, potential events that can occur with atherectomy include: pain, hypertension, CVA/TIA, death, dissection, perforation, distal embolization, thrombus formation, hematuria, abrupt or acute vessel closure, or arterial spasm. Caution: Federal law (USA) restricts this device to sale by, or on the order of, a physician.
THURSDAY, MAY 31

LUNCH SYMPOSIUM
(Sponsored by Janssen Pharmaceuticals, Inc.: NON-CME)
12:00 PM - 12:55 PM
Understanding the Persistent Thrombotic Risk in Patients With Atherosclerotic Disease
CRAIG WALKER, MD
Chambers I and III | Mayor’s Suite Level

NCVH FELLOWS COURSE: DINNER SYMPOSIUM
(Sponsored by Boston Scientific: NON-CME)
7:15 PM - 8:45 PM
What to Know as You Transition to Practice
SONYA NOOR, MD
Orpheum Room | Second Level
FRIDAY, JUNE 01

BREAKFAST SYMPOSIUM
(Sponsored by Philips: NON-CME)
7:00 AM - 7:50 AM
See Clearly. Treat Optimally.
Clinical Algorithm for Complex Lesions
JOSEPH GRIFFIN, MD
S. JAY MATHEWS, MD
KHUSROW NIAZI, MD
CRAIG WALKER, MD
Crescent City Ballroom | Mezzanine Level

LUNCH SYMPOSIUM
(Sponsored by CeloNova BioSciences, Inc: NON-CME)
12:00 PM - 12:55 PM
Contemporary Stent Design and Biomimetic Surface Modification of COBRA PzF™ NanoCoated Coronary Stent
MARK BATES, MD
Chambers II and IV | Mayor’s Suite Level

LUNCH SYMPOSIUM
(Sponsored by Medtronic: NON-CME)
12:00 PM - 12:55 PM
Venseal™ Closure System: A Discussion on the Procedure, the Outcomes, the Patients and Your Practice
JEFFREY CARR, MD
ANDREW JONES, MD
Chambers I and III | Mayor’s Suite Level

LUNCH SYMPOSIUM
(Sponsored by Terumo Interventional Systems: NON-CME)
12:00 PM - 12:55 PM
Radial Access for Peripheral Interventions
ANKUR LODHA, MD
CRAIG WALKER, MD
Orpheum Room | Second Level
Join Us
Next Year
New Orleans
2019
May 29-31
ENTER FOR A CHANCE TO WIN!

Daily drawings for $250, $100 and $50 Visa gift cards.

HOW TO PLAY:
Pick up a card holder, visit 5 exhibit booths and collect 5 different business cards based on the following:

WEDNESDAY | MAY 30 - Visit 5 booths on aisle 100
THURSDAY | MAY 31 - Visit 5 booths on aisle 200
FRIDAY | JUNE 01 - Visit 5 booths on aisle 300

Write your name and badge number on the back of the card holders, and place in the drawing box.

DAILY DRAWINGS WILL BE HELD:
WEDNESDAY | MAY 30 - 6:30 PM in Exhibit Hall (during exhibitor reception)

THURSDAY | MAY 31 - 6:00 PM in Crescent City Ballroom (at the close of general session)

FRIDAY | JUNE 01 - 5:00 PM in Crescent City Ballroom (at the close of general session)

Must be present to win.
Visit registration for questions or assistance.

Thank you for joining us at NCVH 2018!
GENERAL SESSION
AGENDA
From day one, NCVH has been multidisciplinary. From day one, NCVH has been inclusionary. It has always been our goal to educate every physician.

CRAIG M. WALKER, MD
Chairman, NCVH
GLOBAL SUMMIT ON ADVANCED AORTOILIAC AND FEMORAL INTERVENTIONS FOR PERIPHERAL ARTERY DISEASE SESSION I 8:00 AM - 9:44 AM

Moderator: Richard Kovach, MD
Crescent City Ballroom | Mezzanine Level

8:00 AM Welcome and Opening Remarks
Craig Walker, MD

8:08 AM Why Every Healthcare Provider Must Have at Least Basic Knowledge of Peripheral Arterial and Venous Disease
Craig Walker, MD

8:16 AM Medical Management of Peripheral Artery Disease (PAD)
Andrew Blum, MD

8:24 AM First Glimpse at 2-Year Data from the ILLUMENATE Pivotal Trial
Mark Goodwin, MD

8:32 AM What is the Prevalence of Critical Coronary Artery Disease in Patients With Documented Peripheral Artery Disease? The Role of Coronary Computed Tomography Angiography Anatomical and Functional Assessment
Christopher Zarins, MD

8:40 AM Live Case: Bad Krozingen, Germany
Thomas Zeller, MD

9:00 AM Live Case: Abano Terme, Italy
Marco Manzi, MD | Mariano Palena, MD

9:20 AM A Technique for Crossing and Treating Totally Occluded Aortoiliac Segments
Ankur Lodha, MD

9:28 AM How to Always be Prepared for Iliac Artery Perforation: Who is at Risk and How Should It Be Treated?
Frank Bunch, MD

9:36 AM The Role of Iliofemoral Intervention to Facilitate Percutaneous Aortic Valve Replacement
Richard Kovach, MD

9:44 AM Break/Exhibits

GLOBAL SUMMIT ON ADVANCED AORTOILIAC AND FEMORAL INTERVENTIONS FOR PERIPHERAL ARTERY DISEASE SESSION II 10:00 AM - 12:00 PM

Moderator: Larry Diaz-Sandoval, MD
Crescent City Ballroom | Mezzanine Level

10:00 AM Results of the VASCADE Antegrade Study: A Prospective, Multi-Center, US Registry
Barry Bertollet, MD
AGENDA | GENERAL SESSION

GLOBAL SUMMIT ON ADVANCED AORTOILIAC AND FEMORAL INTERVENTIONS FOR PERIPHERAL ARTERY DISEASE SESSION III 1:00 PM - 3:34 PM

Moderator: Sahil Parikh, MD
Crescent City Ballroom | Mezzanine Level

1:00 PM Utilization of Covered Stents for Treating Long-Segment Superficial Femoral Artery Disease
Barry Weinstock, MD

1:08 PM Design Attributes and Limitations of the Supera Stent: Lessons Learned from the SUPERB Trial
Frank Arena, MD

1:16 PM Overview of Nitinol SES
Sohail Khan, MD

1:24 PM Treatment of In-Stent Restenosis: Great Strides Have Been Made
Eric Dippel, MD

1:32 PM Directional Atherectomy’s Role in Femoropopliteal Disease
Roger Gammon, MD
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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:40 PM</td>
<td>Rotational Atherectomy Utilizing JetStream Device in Femoropopliteal Disease</td>
<td>Venkatesh Ramaiah, MD</td>
<td>Crescent City Ballroom</td>
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<tr>
<td>1:48 PM</td>
<td>Questions and Answers/Panel Discussion</td>
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<td>1:50 PM</td>
<td>Live Case: Detroit, MI</td>
<td>Thomas Davis, MD</td>
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<td>2:10 PM</td>
<td>Live Case: Sebring, FL</td>
<td>Thomas Shimshak, MD</td>
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<td>2:30 PM</td>
<td>Orbital Atherectomy in Femoropopliteal Disease</td>
<td>Raymond Dattilo, MD</td>
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<td>2:38 PM</td>
<td>Laser Atherectomy in Treatment of Femoropopliteal Artery Disease and 1-Year Turbo-Power Data Plus IN.PACT Admiral Balloon in Treating SFA Disease</td>
<td>Amit Amin, MD</td>
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<td>2:46 PM</td>
<td>Laser Atherectomy for Superficial Femoral Artery and Popliteal Disease</td>
<td>Ehrin Armstrong, MD</td>
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<td>2:54 PM</td>
<td>Shockwave Lithoplasty: What are the Results?</td>
<td>Amjad AlMahameed, MD</td>
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<td>3:02 PM</td>
<td>Radial Access for Peripheral Artery Disease</td>
<td>Ankur Lodha, MD</td>
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<td>3:10 PM</td>
<td>Treating Access Complications and Retropitoneal Bleeds</td>
<td>Nelson Bernardo, MD</td>
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<td>3:18 PM</td>
<td>1-Year Outcomes for Laser and Drug-Coated Balloon Treatment of In-Stent Restenosis</td>
<td>Ehrin Armstrong, MD</td>
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<td>3:26 PM</td>
<td>Interventional Treatment of Popliteal Artery Aneurysms: What You Should Know</td>
<td>Peter Soukas, MD</td>
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<td>3:34 PM</td>
<td>Break/Exhibits</td>
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<td>3:56 PM</td>
<td>Particulate and Liquid Embolization: Flow Dynamics for Treatment Optimization</td>
<td>John Rundback, MD</td>
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<td>4:04 PM</td>
<td>Coil Embolization: Design, Mechanisms and Appropriate Use</td>
<td>Prateek (PK) Gupta, MD</td>
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<td>4:12 PM</td>
<td>Equipment Matters: How I Choose Microcatheters and Wires</td>
<td>J. Stephen Jenkins, MD</td>
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GLOBAL SUMMIT ON ADVANCED AORTOILIAC AND FEMORAL INTERVENTIONS FOR PERIPHERAL ARTERY DISEASE SESSION IV 3:48 PM - 6:00 PM

Moderator: Robert Beasley, MD
*Crescent City Ballroom | Mezzanine Level*
4:20 PM Treatment of Lower Extremity Arteriovenous Fistula: The Role of Endovascular Embolization
Wayne Zhang, MD

4:28 PM Questions and Answers/Panel Discussion

4:30 PM Live Case: Sebring, FL
Thomas Shimshak, MD

4:50 PM Live Case: Detroit, MI
Thomas Davis, MD

5:10 PM Complications of Embolization
Bret Wiechmann, MD

5:18 PM Pelvic Congestion and Varicocele Management
Brian DeRubertis, MD

5:26 PM Prostate Artery Embolization: Treatment Paradigm
Georgy Vatakencherry, MD

5:34 PM Women’s Health: #STOPTHECHOP, Not All Women Need a Hysterectomy
Timothy Yates, MD

5:42 PM Aortic Aneurysm: Endoleak Management
Jos van den Berg, MD, PhD

5:50 PM Visceral Aneurysm: When and How Do I Treat Them?
Richard Kovach, MD

5:58 PM Questions and Answers/Panel Discussion

6:00 PM Adjourn
THURSDAY, MAY 31

SIMILARITIES IN THE TREATMENT OF CRITICAL LIMB ISCHEMIA (CLI) AND CORONARY CHRONIC TOTAL OCCLUSIONS (CTOS): LESSONS WE CAN LEARN FROM EACH OTHER  8:00 AM - 10:15 AM

Moderators: Jamie McCabe, MD | Louis Salvaggio, MD
Crescent City Ballroom | Mezzanine Level

8:00 AM  Coronary Chronic Total Occlusions and Tibial Occlusions Have Much in Common and Many Differences: What Are These?  
Mark Goodwin, MD

8:08 AM  Why Treat Coronary Chronic Total Occlusions?  
Owen Mogabgab, MD

8:16 AM  Wires in Coronary Chronic Total Occlusions: Are They Useful in Peripheral Artery Disease?  
Louis Salvaggio, MD

8:24 AM  The Role of Support Catheters: Are the New Coronary Catheters Helpful in Treating Critical Limb Ischemia?  
Srinivas Iyengar, MD

8:32 AM  Appropriate Imaging Before Any Intervention is Crucial: What Should the Goals Be for Coronary Chronic Total Occlusions and Infrapopliteal Occlusions?  
Alvaro Alonso, MD

8:40 AM  Live Case: Kansas City, MO  
Adam Salisbury, MD

9:20 AM  True Luminal Crossing in Critical Limb Ischemia Patients Using Novel Anchoring and Centering Tools  
Vasili Lendel, MD

9:28 AM  Our Ability to Treat Coronary Chronic Total Occlusions is Changing Treatment Paradigms (Native vs. Bypass): Is This Applicable in Peripheral Artery Disease?  
Jack Casas, MD

9:36 AM  A Guide to Protected PCI in the High-Risk Cardiovascular Patients  
Jamie McCabe, MD

9:44 AM  Can Progressive Algorithms Used to Treat Coronary Chronic Total Occlusions Be Applied in Critical Limb Ischemia Interventions?  
Ehrin Armstrong, MD

9:52 AM  Limiting Radiation is Crucial in All Procedures: What Steps Can We Take?  
Robert Wilson, MD

10:00 AM  Laser for Coronary In-Stent Restenosis and Chronic Total Occlusions  
Antonis Pratsos, MD

10:08 AM  Questions and Answers/Panel Discussion

10:15 AM  Break/Exhibits
14TH ANNUAL CRITICAL LIMB ISCHEMIA SUMMIT
SESSION I  10:30 AM - 12:00 PM

Moderator: Fadi Saab, MD
Crescent City Ballroom | Mezzanine Level

10:30 AM  The Scope of Critical Limb Ischemia
Mary Yost, MBA

10:40 AM  Live Case: Grand Rapids, MI
Jihad Mustapha, MD

11:00 AM  Live Case: Abano Terme, Italy
Marco Manzi, MD | Mariano Palena, MD

11:20 AM  Defining Critical Limb Ischemia: Do We Need a Better Definition?
Sahil Parikh, MD

11:28 AM  Role of Computed Tomographic Angiography and Magnetic Resonance Angiography in Planning Critical Limb Ischemia Intervention: Knowing Targets and Anatomy Pre-Procedure
Amir Motarjeme, MD

11:36 AM  CO2 Angiography in Critical Limb Ischemia Not Only Avoids Contrast-Induced Nephropathy but May Give Better Imaging
James Caridi, MD

11:44 AM  Is Intravascular Ultrasound Being Utilized Enough in Peripheral Interventions?
Craig Walker, MD

11:52 AM  Chronic Total Occlusion Crossing Approach Based on Plaque Cap Morphology: The CTOP Classification
Fadi Saab, MD

12:00 PM  Lunch/Lunch Symposia/Exhibits

14TH ANNUAL CRITICAL LIMB ISCHEMIA SUMMIT
SESSION II  1:00 PM - 3:00 PM

Moderator: Sahil Parikh, MD
Crescent City Ballroom | Mezzanine Level

1:00 PM  The Role of Antegrade Femoral Access in Critical Limb Ischemia Intervention
Barry Bertoleto, MD

1:08 PM  Pedal Artery Access: When to Use and How to Avoid Problems
Anish Thomas, MD

1:16 PM  Transcollateral Crossing and Pedal Loop Reconstruction
Christopher Paris, MD

1:24 PM  Direct Access of a Totally Occluded Pedal Vessel
Fadi Saab, MD

1:32 PM  A Surgeon’s Perspective on How Many Infrapopliteal Vessels Should Be Opened
Ricardo Rao, MD
<table>
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<tr>
<th>Time</th>
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| 1:40 PM| Live Case: Grand Rapids, MI  
         *Jihad Mustapha, MD*                                      |
| 2:00 PM| Live Case: New Haven, CT  
         *Carlos Mena, MD*                                        |
| 2:20 PM| Color-Coded Angiography: Real Time Angiosome Imaging  
         *Eric Dippel, MD*                                        |
| 2:28 PM| Technique for Direct Superficial Femoral Artery Stent Puncture: When the Wire Will Not Cross Intraluminally to Get to the Infrapopliteal Vessels  
         *Craig Walker, MD*                                        |
| 2:36 PM| Choosing a Balloon for Below-The-Knee PPA: Are They All the Same?  
         *Ron Solar, PhD*                                         |
| 2:44 PM| Drug-Coated Balloons Below-The-Knee After IN.PACT DEEP  
         *George Chrysant, MD*                                    |
| 2:52 PM| Novel Percutaneous Adventitial Drug Delivery  
         *Ian Cawich, MD*                                         |
| 3:00 PM| Break/Exhibits                                                                             |
| 3:20 PM| Evidence to Support Vessel Prep  
         *Nicolas Shammas, MD*                                     |
| 3:28 PM| Pantheris Optical Coherence Tomography-Guided Superficial Femoral Artery Atherectomy Results  
         *Patrick Muck, MD*                                        |
| 3:36 PM| Directional Atherectomy Above-The-Knee and Below-The-Knee  
         *Lawrence Garcia, MD*                                     |
| 3:44 PM| Orbital Atherectomy for Calcific Peripheral Artery Disease  
         *George Adams, MD*                                        |
| 3:52 PM| Optical Coherence Tomography-Guided Atherectomy Utilizing Ocelot  
         *Ian Cawich, MD*                                          |
| 4:00 PM| Live Case: New Haven, CT  
         *Carlos Mena, MD*                                         |
| 4:20 PM| Live Case: Grand Rapids, MI  
         *Jihad Mustapha, MD*                                       |
| 4:40 PM| Phoenix Atherectomy  
         *Joseph Griffin, MD*                                      |
| 4:48 PM| Rotoblator for Calcific Infrapopliteal Disease  
         *Sonya Noor, MD*                                          |
AGENDA | GENERAL SESSION

4:56 PM  Recanalization of Popliteal and Infrapopliteal Occlusions Using Viance and CrossBoss  
S. Hinan Ahmed, MD

5:04 PM  JetStream Atherectomy Below-The-Knee  
W. Britton Eaves, MD

5:12 PM  Utilization of the SPEX Catheters  
S. Jay Mathews, MD

5:20 PM  Before a Below-Knee Amputation Think Below-The-Knee Intervention  
Paul Michael, MD

5:28 PM  Endpoints for Intervention: Imaging, Perfusion and Perfusion Imaging  
Bret Wiechmann, MD

5:36 PM  Factors to Consider in Wound Healing  
Jeffrey Lehrman, DPM

5:44 PM  The Need for a Multidisciplinary Team in Treating Critical Limb Ischemia  
Frank Tursi, DPM

Mohammad (Mac) Ansari, MD

6:00 PM  Adjourn
AGENDA | GENERAL SESSION

FRIDAY, JUNE 01

GENDER AND RACIAL DISPARITIES IN PERIPHERAL INTERVENTIONS SESSION I 8:00 AM - 10:15 AM

Moderator: Robert Beasley, MD
Crescent City Ballroom | Mezzanine Level

8:00 AM  An Overview of Gender Differences in Peripheral Artery Disease
Craig Walker, MD

8:16 AM  Prevalence and Epidemiology Burden of Peripheral Artery Disease and Venous Disease in Women
Mary Yost, MBA

8:32 AM  Carotid Artery Disease Treatment in Women: Is It Different?
Grayson Wheatley, III, MD

8:40 AM  Live Case: Abano Terme, Italy
Marco Manzi, MD | Mariano Palena, MD

9:00 AM  Live Case: Browns Mills, NJ
Richard Kovach, MD

9:20 AM  Gender Related Differences in Lower Extremity Peripheral Artery Disease: Precaution and Therapy
Maureen Kohi, MD

9:28 AM  Abdominal Aortic Aneurysms in Women: Are the Treatment Options Different than Men?
Robert Beasley, MD

9:36 AM  Missed Diagnosis in Women, How Should We Screen?
Oscar Rosales, MD

9:44 AM  Surgical and Interventional Outcomes in Women Presenting Critical Limb Ischemia
Steve Henao, MD

9:52 AM  Interventional Outcomes: Women vs. Men
Charisse Ward, MD

10:00 AM  Pelvic Congestion Syndrome: Are We Providing Optimal Diagnosis and Treatment?
Paramjit "Romi" Chopra, MD

10:08 AM  Gender Differences of Improving Clinical Outcomes in Peripheral Vascular Disease Utilizing Lifestyle Medicine
Asa Andrew, MD

10:12 AM  Questions and Answers/Panel Discussion

10:15 AM  Break/Exhibits

GENDER AND RACIAL DISPARITIES IN PERIPHERAL INTERVENTIONS SESSION II 10:30 AM - 12:00 PM

Moderator: Osama Ibrahim, MD
Crescent City Ballroom | Mezzanine Level

10:30 AM  Differences in Lower-Extremity Venous Disease Between Men and Women
Azadeh Beheshtian, MD
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<tr>
<td>10:38 AM</td>
<td>Questions and Answers/Panel Discussion</td>
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<td>10:40 AM</td>
<td>Live Case: Bad Krozingen, Germany</td>
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<td>Thomas Zeller, MD</td>
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<td>11:00 AM</td>
<td>Live Case: Kingsport, TN</td>
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<td>D. Christopher Metzger, MD</td>
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<tr>
<td>11:20 AM</td>
<td>Coronary Artery Disease in Women, Is It Different than Men?</td>
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<td>Juan Pastor-Cervantes, MD</td>
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<td>11:28 AM</td>
<td>The Difference in Outcomes of Hispanic Patients in Peripheral Arterial Disease</td>
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<td>Javier Ruiz-Aburto, MD</td>
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<td>11:36 AM</td>
<td>Peripheral Artery Disease in Native Americans</td>
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<td>Scott Brannan, MD</td>
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<td>11:44 AM</td>
<td>Peripheral Artery Disease in African Americans: How Can We Improve Care?</td>
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<td>Bryan Fisher, Sr, MD</td>
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<td>11:52 AM</td>
<td>Questions and Answers/Panel Discussion</td>
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<td>12:00 PM</td>
<td>Lunch/Lunch Symposia/Exhibits</td>
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<td>1:00 PM</td>
<td>Welcome and Opening Remarks</td>
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<td>Seshadri Raju, MD</td>
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<td>1:02 PM</td>
<td>Impact of Venous Disease on Overall Healthcare</td>
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<td>Mary Yost, MBA</td>
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<td>1:18 PM</td>
<td>How to Work Up a Patient With Suspected Venous Disease</td>
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<td>Seshadri Raju, MD</td>
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<td>1:26 PM</td>
<td>Diagnosis of Iliac Venous Outflow Tract Obstruction</td>
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<td>Patricia Thorpe, MD</td>
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<td>1:34 PM</td>
<td>Do’s and Don’ts of Venous Access and Treatment Techniques of Venous Outflow Tract Obstruction</td>
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<td>Seshadri Raju, MD</td>
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<td>1:50 PM</td>
<td>Advanced Inferior Vena Cava Filter Retrieval Techniques</td>
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<td>1:58 PM</td>
<td>The Need for Intravascular Ultrasound in Treating the Venous System</td>
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<td>Fadi Saab, MD</td>
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<td>2:06 PM</td>
<td>CO₂ Guided Venous Intervention</td>
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<td>James Caridi, MD</td>
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<td>2:14 PM</td>
<td>Treatment of Post-Thrombotic Syndrome</td>
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<td>Niten Singh, MD</td>
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<tr>
<td>2:22 PM</td>
<td>Mechanical Thrombectomy Tools for Venous Disease</td>
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<td>Robert Beasley, MD</td>
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### AGENDA | GENERAL SESSION

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<th>Speaker(s)</th>
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<tr>
<td>2:30 PM</td>
<td>How Should the ATTRACT Trial Change our Practice?</td>
<td>Anthony Comerota, MD</td>
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<td>2:38 PM</td>
<td>Recap of the Year’s Best Venous Trials</td>
<td>Robert Attaran, MD</td>
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<td>2:46 PM</td>
<td>Break/Exhibits</td>
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**INSIGHTS ON VENOUS DISEASE SESSION II**  
3:00 PM - 5:00 PM

Moderator: Ariel Soffer, MD  
*Crescent City Ballroom | Mezzanine Level*

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<td>3:00 PM</td>
<td>The Hidden Science of Deep Vein Thrombosis</td>
<td>Anthony Comerota, MD</td>
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<td>3:08 PM</td>
<td>Prosthetic Venous Valves for Treatment of Chronic Venous Insufficiency</td>
<td>Ghassan Kassab, PhD</td>
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<tr>
<td>3:16 PM</td>
<td>Interventional Treatment of Superior Vena Cava Syndrome</td>
<td>Satish Madiraju, MD</td>
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<td>3:24 PM</td>
<td>What is the Role of Open Surgery in Treating Venous Thrombosis in Today’s World?</td>
<td>Grayson Wheatley, III, MD</td>
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<td>3:32 PM</td>
<td>Combined Superficial Venous Insufficiency and Venous Outflow Obstruction</td>
<td>Patricia Thorpe, MD</td>
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<td>3:40 PM</td>
<td>A Novel Methodology for Pre-Screening and Identifying Many Venous and Arterial Patients</td>
<td>Ariel Soffer, MD</td>
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<td>3:48 PM</td>
<td>Acute and Chronic Venous Occlusions: What Do They Look Like?</td>
<td>Anthony Comerota, MD</td>
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<td>3:56 PM</td>
<td>Management of Thrombotic vs. Non-Thrombotic Iliac Vein Obstruction</td>
<td>Patricia Thorpe, MD</td>
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<td>4:04 PM</td>
<td>Iliocaval Reconstruction: From Filter Extraction to Massive Thrombectomy</td>
<td>S. Jay Mathews, MD</td>
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<td>4:12 PM</td>
<td>Deep Venous Thrombosis Associated With Superficial Venous Ablation</td>
<td>Kalyan Veerina, MD</td>
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<td>4:20 PM</td>
<td>Catheter Techniques for Pulmonary Embolism</td>
<td>Satish Madiraju, MD</td>
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<td>4:28 PM</td>
<td>Is Catheter-Directed Therapy for Pulmonary Embolism Necessary?</td>
<td>Mohsen Sharifi, MD</td>
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<td>4:36 PM</td>
<td>A Cardiologist’s Perspective on Venous Disease</td>
<td>Ronnie Smalling, MD</td>
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<td>4:44 PM</td>
<td>Questions and Answers/Panel Discussion</td>
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<td>4:55 PM</td>
<td>Closing Remarks</td>
<td>Craig Walker, MD</td>
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AGENDA | GENERAL SESSION II

FRIDAY, JUNE 01

RENAL AND MESENTERIC DISEASE: TREATMENT AND TECHNIQUES 8:00 AM - 9:00 AM

Moderator: Jasvindar Singh, MD
Waldorf Astoria Ballroom | Mezzanine Level

8:00 AM Renal Denervation: Past, Present and Future
Bharat Sachdeva, MD

8:10 AM Renal Artery Stenting
Jasvindar Singh, MD

8:20 AM Ovarian Vein Embolization: Indications, Techniques and Troubleshooting
M. Akram Khan, MD

8:30 AM New Treatment Options for CKD: The Non-Vascular Denervation Device
Richard Heuser, MD

8:40 AM Brachial Artery Intervention
Agostino Ingraldi, MD

8:50 AM The Role of Stents in Hemodialysis Vascular Access
Kenneth Abreo, MD

ADVANCED CAROTID INTERVENTIONS | 9:00 AM - 10:30 AM

Moderator: Mark Wholey, MD
Waldorf Astoria Ballroom | Mezzanine Level

9:00 AM CREST and ACT I Trials Revisited
George Chrysant, MD

9:10 AM Is Direct-Carotid Puncture a New Opportunity for Carotid Stenosis and Stroke Intervention?
Mark Wholey, MD

9:20 AM Proximal or Distal Protection for Carotid Artery Stenting
Jafer Golzar, MD

9:30 AM Transcarotid Approach for Carotid Stenting
Steve Henao, MD

9:40 AM Live Case: Bad Krozingen, Germany
Thomas Zeller, MD

10:00 AM Live Case: Kingsport, TN
D. Christopher Metzger, MD

10:20 AM Radial Access for Carotid Interventions: Why, When and How?
Anish Thomas, MD

10:30 AM Break/Exhibits
AGENDA | GENERAL SESSION II

ADVANCED CAROTID INTERVENTIONS II
10:45 AM - 12:00 PM
Moderator: Anish Thomas, MD
Waldorf Astoria Ballroom | Mezzanine Level

10:45 AM  New Stents for Carotid Interventions
Yaron Almagor, MD

10:55 AM  Subclavian and Brachiocephalic Stenting: Indications and Techniques
Ramzan Zakir, MD

11:05 AM  Carotid MRI and Histopathological Correlations
Jose Wiley, MD

11:15 AM  Questions and Answers/Panel Discussion

11:20 AM  Live Case: Abano Terme, Italy
Marco Manzi, MD | Mariano Palena, MD

11:40 AM  Live Case: Browns Mills, NJ
Richard Kovach, MD

12:00 PM  Lunch/Lunch Symposia/Exhibits

NEW TECHNOLOGY AND CHALLENGING CASES I
1:00 PM - 3:02 PM
Moderator: Ghassan Kassab, MD
Waldorf Astoria Ballroom | Mezzanine Level

1:00 PM  Welcome and Opening Remarks
Craig Walker, MD

1:02 PM  Treatment of CLI in a Patient that had Multiple Occluded Bypass Grafts, Femoropopliteal Grafts and Occluded Covered Stents in the Native Artery With Prior Hemorrhagic Stroke: An Interesting Alternative
Azadeh Beheshtian, MD

1:10 PM  My Most Challenging Coronary CTO Case
Jamie McCabe, MD

1:18 PM  My Most Complicated Case
Robert Menuet, MD

1:26 PM  My Most Memorable Peripheral Intervention Case
Timir Paul, MD

1:34 PM  A New Treatment for High Bleeding Risk Patients
Mark Bates, MD

1:42 PM  Below-The-Knee Vessel Preparation for POBA Using Ultrasound Energy
Costantino Dei Giudice, MD

1:50 PM  Endovascular "Safety Net": A New Technology in Access Needles
Rex Teeslink, MD

1:58 PM  Utilization of the Occlusion Perfusion Catheter to Administer Antiproliferative Medications in PAD Intervention
Pradeep Nair, MD
2:06 PM  Ranger Drug-Coated Balloon Clinical Results Update  
Ehrin Armstrong, MD

2:14 PM  AMSStent: Regenerative Stent Technology  
Pradeep Nair, MD

2:22 PM  A New Stent: The Treatment of CLI via a 3Fr Pedal Sheath  
George Adams, MD

2:30 PM  Potential Coronary, Femoropopliteal and Infrapopliteal Utilization of the Penumbra Clot Removal System  
S. Jay Mathews, MD

2:38 PM  The Houdini Catheter for Crossing Total Occlusions  
Pradeep Nair, MD

2:46 PM  The Wingman Device for Crossing Totally Occluded Vessels  
S. Jay Mathews, MD

2:54 PM  Office-Based Interventional Labs: The Trend is Growing  
Jeffrey Carr, MD

3:02 PM  Break/Exhibits

NEW TECHNOLOGY AND CHALLENGING CASES II  
3:15 PM - 4:45 PM

Moderator: Jamie McCabe, MD  
Waldorf Astoria Ballroom | Mezzanine Level

3:15 PM  PQ Bypass for Arterial Disease  
Richard Heuser, MD

3:23 PM  Nano-Particle Drug Delivery Directed by Magnets

3:31 PM  The ClotTriever System for Removing Large Thrombosis  
Robert Beasley, MD

3:39 PM  BioMimics 3D Stent System: 1-Year Results of the MIMICS-2 Study  
Craig Walker, MD

3:47 PM  A Guidewire that Sizes Vessels  
Pradeep Nair, MD

3:55 PM  Foam Schlerotherapy for Treating Superficial Venous Insufficiency  
Anil Chagarlamudi, MD

4:03 PM  Intravascular Ultrasound-Guided Approach to Determine Laser Atherectomy Settings for Treatment of the Superficial Femoral Artery: First-Time Data  
George Adams, MD

4:11 PM  The LimFlow Device in the Treatment of Advanced CLI  
Fadi Saab, MD

4:19 PM  A Comparative Review of the FLEX Scoring Catheter in the Treatment of Femoropopliteal Lesions of Differing Lengths  
Jason Yoho, MD
AGENDA | GENERAL SESSION II

4:27 PM  A Cutting-Edge Approach Allowing Healthcare Providers to Monitor Key Biometrics Outside the Clinical Setting  
Richard Abben, MD

4:35 PM  Questions and Answers/Panel Discussion

4:45 PM  Adjourn to Crescent City Ballroom for Closing Remarks
BUSINESS OF PERIPHERAL INTERVENTIONS

AGENDA
In the 21st century, peripheral artery disease has become a global challenge. NCVH will enable healthcare leaders from all disciplines to join the conversation.

MARY L. YOST, MBA
Co-Chairman, The Business of Peripheral Interventions Stakeholders Forum
TUESDAY, MAY 29

THE BUSINESS OF PERIPHERAL INTERVENTIONS

SESSION I: WHY IT IS ESSENTIAL TO EVERY COMMUNITY, HOSPITAL, INTERVENTIONAL LAB AND PATIENT
8:00 AM - 9:55 AM

Moderator: Craig Walker, MD
Orpheum Room | Second Level

8:00 AM Welcome and Opening Remarks
Craig Walker, MD

8:05 AM Can a Complete Peripheral Vascular Program Improve a Community’s Health?
Craig Walker, MD

8:25 AM Economic Cost of Peripheral Artery Disease, Critical Limb Ischemia and Venous Disease: How Big is the Market?
Mary Yost, MBA

8:40 AM Which Patients Should Have Peripheral Vascular Screening and Why So Many Patients Are Missed: The Lost Opportunity
Osama Ibrahim, MD

8:55 AM The Cost Analysis of Amputation vs. Revascularization and the Impact of Treating Critical Limb Ischemia Patients: Benefits to Hospital
Larry Diaz-Sandoval, MD

9:10 AM Treating the Patient After Revascularization and the Economics of Wound Care

9:25 AM Artificial Intelligence in Medicine
Vinod Nair, MD

9:40 AM Questions and Answers/Panel Discussion

9:55 AM Refreshment Break

SESSION II: WHY IT IS ESSENTIAL TO EVERY COMMUNITY, HOSPITAL, INTERVENTIONAL LAB AND PATIENT
10:15 AM - 12:00 PM

Moderator: Mary Yost, MBA
Orpheum Room | Second Level

Congressman Garret Graves

10:35 AM My Personal Experience With Limb Salvage
Fred Goad, Jr.

10:50 AM An Overview of CMS and the New FDA Changes
Ron Waksman, MD

11:05 AM The Role of Telemedicine in 2018 and Beyond
David Konur, FACHE
SESSION III: WHY IT IS ESSENTIAL TO EVERY COMMUNITY, HOSPITAL, INTERVENTIONAL LAB AND PATIENT
1:00 PM - 3:45 PM

Moderator: Osama Ibrahim, MD
Orpheum Room | Second Level

1:00 PM Drug-Eluting Balloons: A New Era in Superficial Femoral Artery Treatment
S. Hinan Ahmed, MD

1:15 PM Drug-Coated Balloons are Proven Beyond a Reasonable Doubt, but There is No Additional Reimbursement
Steve Williamson

1:30 PM In-Stent Restenosis is a Nightmare: How Can We Treat It?
Eric Dippel, MD

1:45 PM Drug-Eluting Stents in Treating Peripheral Vascular Disease
Osama Ibrahim, MD

2:00 PM Venous Ablation: Who Should Have This Therapy?
Robert Coronado, MD

2:15 PM Our Vision To Bring Transformational Innovation To Cardiovascular Disease
Paul Burton, MD, PhD

2:30 PM Ultrasound for Diagnosis, Access and Treatment of Peripheral Arterial and Venous Disease
Peter Pellerito

2:45 PM DEFINITIVE LE: What Have We Learned With the Largest Atherectomy Registry?
R. Stefan Kiesz, MD

3:00 PM LIBERTY 360 Study: 18-Month Outcomes of Endovascular Device Interventions in Patients with Symptomatic Lower Extremity Peripheral Artery Disease
Scott Ward

3:15 PM Stent Design Really Does Make a Difference
Chuck Brynelsen

3:30 PM Questions and Answers/Panel Discussion

3:45 PM Refreshment Break
### SESSION IV: WHY IT IS ESSENTIAL TO EVERY COMMUNITY, HOSPITAL, INTERVENTIONAL LAB AND PATIENT

**Moderator: David Konur, FACHE**  
*Orpheum Room | Second Level*

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<th>Time</th>
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<tr>
<td>4:00 PM</td>
<td>Veins and Arteries: So Close, Yet So Far!</td>
<td>Seshadri Raju, MD</td>
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<td>4:15 PM</td>
<td>Billing for Venous Intervention: Ablation, Stenting, Lysis and Beyond</td>
<td>Sanjiv Lakhanpal, MD</td>
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<td>4:30 PM</td>
<td>Value-Based Partnerships</td>
<td>Daniel Sullivan</td>
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<td>4:45 PM</td>
<td>Advantages of Office Based Labs vs. Ambulatory Surgical Center for Peripheral Artery Disease Procedures</td>
<td>Mike Ferguson, BS</td>
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<td>5:00 PM</td>
<td>The Benefits of Converting an OBL to an ASC</td>
<td>Marc Toth, CMAA</td>
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<td>5:30 PM</td>
<td>Building an Out Patient Lab: What Do You Need to Know?</td>
<td>Christopher LeSar, MD</td>
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<td>5:45 PM</td>
<td>Questions and Answers/Panel Discussion</td>
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<td>6:00 PM</td>
<td>RECEPTION</td>
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<td>Meet the Titans of Peripheral Interventions</td>
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Dr. Craig Walker, a pure visionary in the field of vascular medicine for the past 30 years, recognized Podiatry and Wound Care professionals as the true gatekeepers of PAD. Consequently, our esteemed professions can serve as vehicles with which to identify and treat PAD and not only save limbs, but also lives!

FRANK TURSI, DPM
Chairman, NCVH Podiatry and Wound Care Education Session
WEDNESDAY, MAY 30

SESSION I: A PODIATRIST’S GUIDE TO VASCULAR DISEASE
10:00 AM - 11:30 AM

Moderator: Frank Tursi, DPM
Blue Room | Lobby Level

10:00 AM  Peripheral Arterial Disease and Chronic Venous Insufficiency Awareness
Frank Tursi, DPM

10:10 AM  Disparities Between Women and Men in Diagnosing and Treating Peripheral Artery Disease
Craig Walker, MD

10:20 AM  Diagnostic Options for Peripheral Artery Disease and Chronic Venous Insufficiency
Vinay Satwah, DO

10:30 AM  Deep Venous Insufficiency and Obstruction: An Overlooked Culprit in Poor Wound Healing
Deepak Sudheendra, MD

10:40 AM  Advanced Endovascular Techniques, Retrograde Pedal Access, Drug-Eluting Stents and Balloons
Osama Ibrahim, MD

10:50 AM  The COMPASS Trial: Vital to Reducing Amputation Risks
John Evans, DPM

11:00 AM  An Overview of Venous Reflux Treatments
M. Akram Khan

11:10 AM  Bringing It All Together: The Venous Collaborative Care Network
Vinay Satwah, DO

11:20 AM  Bridging the Gap Between Podiatry and Vascular
Nadia Din, DPM

11:30 AM  Lunch/Lunch Symposia/Exhibits

SESSION II: SURGICAL SESSION
1:30 PM - 3:10 PM

Moderator: Tyson Green, DPM
Blue Room | Lobby Level

1:30 PM  Intra-Operative and Post-Operative Optimization for Healing
Nadia Din, DPM

1:40 PM  Determining the Level of Healing
Jared Gremillion, DPM

1:50 PM  Surviving the Hallux Amputation With Infection, Ischemia and Perfusion: How to Achieve Success
Jeffrey Ross, DPM, MD

2:00 PM  Digital Amputations
Matthew McCabe, DPM

2:10 PM  Transmetatarsal Amputations
Kalieb Pourciau, DPM
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<tr>
<td>2:20 PM</td>
<td>The Trojan Horse: Equinus Post-Transmetatarsal and Post-Chopart’s Amputation; Is a TAL Necessary?</td>
<td>Jeffrey Ross, DPM, MD</td>
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<td>2:30 PM</td>
<td>Charcot Reconstruction</td>
<td>Tyson Green, DPM</td>
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<td>2:40 PM</td>
<td>Tendon Rebalancing</td>
<td>Kalieb Pourciau, DPM</td>
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<td>2:50 PM</td>
<td>Stuff From My Phone: Case Discussions</td>
<td>Kalieb Pourciau, DPM</td>
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<td>Questions and Answers/Panel Discussion</td>
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<td>Break/Exhibits</td>
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### SESSION III: APWCA SCIENTIFIC SESSION

**Moderator:** Steven Kavros, DPM  
**Blue Room | Lobby Level**

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<tr>
<td>10:00 AM</td>
<td>Wound Healing 101: Understanding the Foundation</td>
<td>Steven Kavros, DPM</td>
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<td>10:10 AM</td>
<td>Late Wound Healing Complications Following Bariatric Surgery</td>
<td>Cheryl Bongiovanni, PhD</td>
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<td>10:20 AM</td>
<td>Back to the Basics: Why Diagnostic Testing Is So Vital to Successful Outcomes</td>
<td>Todd Shaffett, APRN</td>
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<td>10:30 AM</td>
<td>NPWT and SPTG for Lower Extremity Wounds</td>
<td>Charles Southerland, DPM</td>
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<td>10:40 AM</td>
<td>Special Considerations in the Management of Heel Ulcers</td>
<td>Charles Andersen, MD</td>
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<td>10:50 AM</td>
<td>Late Dehiscence of Surgical Wounds</td>
<td>Cheryl Bongiovanni, PhD</td>
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<td>11:00 AM</td>
<td>Effectively Utilizing a Hospital-Based Wound Center</td>
<td>Todd Shaffett, APRN</td>
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<td>11:10 AM</td>
<td>Aggressive I&amp;D With Revascularization Instead of Amputation in Lower Extremity Infections</td>
<td>Charles Southerland, DPM</td>
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<td>11:30 AM</td>
<td>Lunch/Lunch Symposia/Exhibits</td>
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AGENDA | PODIATRY AND WOUND CARE

FRIDAY, JUNE 01

SESSION IV: ADVANCED WOUND HEALING TECHNIQUES I
10:00 AM - 11:20 AM

Moderator: Alex Reyzelman, DPM
Blue Room | Lobby Level

10:00 AM  Topical Antibiotics Use in Wound Healing, Where’s the Evidence?
            Stephanie Wu, DPM

10:10 AM  Overview of Tissue-Based Products in Wound Healing
            Barbara Aung, DPM

10:20 AM  What’s the Standard of Care With Tissue-Based Products...Does It Exist?
            Jeffrey Lehrman, DPM

10:30 AM  Using Tissue-Based Therapy Over Tendon and Bone... Science or Fiction?
            Barbara Aung, DPM

10:40 AM  DNA Assessment for Wounds and Infections
            Eric Reynolds, DPM

10:50 AM  Surgical Alternatives to Wound Healing After PVI
            Guy Pupp, DPM

11:00 AM  A Podiatrist’s Approach to Venous Disease
            Eric Reynolds, DPM

11:10 AM  Questions and Answers/Panel Discussion

11:20 AM  Lunch/Lunch Symposia/Exhibits

SESSION V: ADVANCED WOUND HEALING TECHNIQUES II
1:30 PM - 3:00 PM

Moderator: Alex Reyzelman, DPM
Blue Room | Lobby Level

1:30 PM  Current Update on the Treatment of Diabetic Foot Infections
            Stephanie Wu, DPM

1:40 PM  Utility of MRI in Diagnosing Osteomyelitis... Is It Really as Good as They Say?
            Alex Reyzelman, DPM

1:50 PM  Does a Combined Wound Care and Vascular Program Actually Work?
            Jeffrey Niezgoda, MD | Awais Siddique, MD

2:00 PM  Office-Based Wound Care...Is This the Way of the Future?
            Jeffrey Lehrman, DPM

2:10 PM  Adjunctive Use of HBOT in a Crush Injury
            Julio Garcia, RN

2:20 PM  Autolytic Debridement...What in the World Does This Mean and How Does it Work?
            Barbara Aung, DPM
AGENDA | PODIATRY AND WOUND CARE

2:30 PM  Beyond Limb Salvage to Life Salvage!
         Alan Block, DPM

2:40 PM  Questions and Answers/Panel Discussion

2:50 PM  Closing Remarks
         Frank Tursi, DPM

3:00 PM  Adjourn
This year’s Family Practice Session is focused on topics, our providers have to address on daily basis. Our colleagues contribution to recognizing and treating some of these life threatening illnesses is becoming more evident in this age. We are confident, they will find the topics covered, address the full spectrum of cardiac and vascular pathology. The lectures range from ground breaking techniques to treating critical limb ischemia to new life saving treatment modalities in heart failure patients.

Fadi Saab, MD
THURSDAY, MAY 31

SESSION I: CARDIOVASCULAR UPDATE FOR THE PRIMARY CARE PROVIDER 1:30 PM - 3:10 PM

Moderator: Wesley Bennett, MD
Chambers I and III | Mayor’s Suite Level

1:30 PM  Making Sense of the New Hypertension Guidelines: A Quick Guide? Barry Bertolet, MD
1:45 PM  Lipid Management Without LDL Targets: Beyond Statins William Crowder, MD
2:00 PM  Antiplatelets vs. Anticoagulation: Bleeding Risk vs. Ischemic Risk Andrew Blum, MD
2:15 PM  New Advances in Medical Treatment of Heart Failure Wesley Bennett, MD
2:30 PM  Medical Treatment vs. Invasive Management for Angina Patients James Bennett, MD
2:45 PM  Is There a Role for Revascularization in Patients With Coronary CTOs? Furqan Tejani, MD
3:00 PM  Questions and Answers/Panel Discussion
3:10 PM  Break/Exhibits

SESSION II: CARDIOVASCULAR UPDATE FOR THE PRIMARY CARE PROVIDER 3:30 PM - 5:15 PM

Moderator: Satish Gadi, MD
Chambers I and III | Mayor’s Suite Level

3:30 PM  Palpitations, So Common Yet So Complicated: A Streamlined Approach Satish Gadi, MD
3:45 PM  Defibrillators vs. Bi-Ventricular Pacemakers: A Quick Run-Down Richard Abben, MD
4:00 PM  Endovascular Intervention for Stroke Patients: How Technology Improved Outcomes Agostino Ingraldi, MD
4:15 PM  With TAVR Technology, When Should Patients Undergo the Procedure? Peter Fail, MD
4:30 PM  Endovascular Approach to Treating Patients With Mitral Regurgitation: What’s New? James Bennett, MD
4:45 PM  Diastolic Heart Failure and Interventional Therapy Satish Gadi, MD
5:00 PM  Questions and Answers/Panel Discussion
5:15 PM  Adjourn
AGENDA | FAMILY PRACTICE

FRIDAY, JUNE 01

SESSION III: PERIPHERAL ARTERY DISEASE UPDATE FOR THE PRIMARY CARE PROVIDER 9:45 AM - 11:15 AM

Moderator: William Crowder, MD
Chambers I and III | Mayor’s Suite Level

9:45 AM  What Can We Learn From Coronary Chronic Total Occlusion Programs? Zaheed Tai, DO

10:00 AM  Combined Arterial and Venous PVD: How to Tackle It Fadi Saab, MD

10:15 AM  A Guide to Protected PCI in the High Risk Cardiovascular Patients Jamie McCabe, MD

10:30 AM  Carotid or Renal Stents: Which One of My Patients Should Be Considered for Them? Amjad AlMahameed, MD

10:45 AM  What Is the Data Saying About the Right Antiplatelet or Anticoagulation Treatment for Patients With PVD? William Crowder, MD

11:00 AM  Questions and Answers/Panel Discussion

11:15 AM  Lunch/Lunch Symposia/Exhibits

SESSION IV: PERIPHERAL ARTERY DISEASE UPDATE FOR THE PRIMARY CARE PROVIDER 1:30 PM - 3:00 PM

Moderator: James Bennett, MD
Chambers I and III | Mayor’s Suite Level

1:30 PM  Why Should You Recognize Peripheral Vascular Disease and When Should I Decide My Patient Requires Revascularization? Satish Gadi, MD

1:45 PM  Imaging Modalities in Patients With Advanced Renal Failure: The Role of Non-Invasive Imaging Claude Minor, MD

2:00 PM  The Role of CO₂ Angiography In Imaging and Treatment of Patients With PVD Kyung Cho, MD

2:15 PM  Can I Really Help Patients With Advanced PVD and CLI: What Is the Data Saying? James Bennett, MD

2:30 PM  Hyperbaric O₂ Treatment for Wound Patients: When and Where Do I Look at This? Jeffrey Niezgoda, MD

2:45 PM  Gender Disparities of Improving Clinical Outcomes in Peripheral Vascular Disease Utilizing Lifestyle Medicine ASA Andrew, MD

3:00 PM  Adjourn
NCVH has always had a focus on multidisciplinary care for patients with cardiovascular disease. To recognize this focus, and the pivotal role of allied health professionals in caring for patients with all aspects of cardiovascular disease, we have renamed the session “NCVH Healthcare Professionals Forum.” We truly hope that you will enjoy this new expanded focus.

DAVID SLOVUT, MD, PhD
Chairman, NCVH Healthcare Professionals Forum
WEDNESDAY, MAY 30

SESSION I: CRITICAL PAPERS AND LATEST ADVANCES
10:00 AM - 11:15 AM
Moderator: Denise Broussard, RN
Waldorf Astoria Ballroom | Mezzanine Level

10:00 AM  Welcome and Opening Remarks
Denise Broussard, RN

10:02 AM  Latest Advances in Arterial Intervention
James Bennett, MD

10:12 AM  Latest Advances in Venous Care
Robert Attaran, MD

10:22 AM  Latest Advances in Pharmacotherapy for Cardiovascular Disease
William Crowder, MD

10:32 AM  Latest Advances in Telemedicine
Jacob Corbell, MA

10:42 AM  Quality Measures and Peripheral Artery Disease
Denise Broussard, RN

10:52 AM  Bridging the Void: From Novice to Seasoned Professional
Gail Poirier, DNS, RN

11:12 AM  Questions and Answers/Panel Discussion

11:15 AM  Lunch/Lunch Symposia/Exhibits

SESSION II: RISK MANAGEMENT AND MEDICAL THERAPY
1:30 PM - 3:20 PM
Moderator: Michelle Sloan, RN
Waldorf Astoria Ballroom | Mezzanine Level

1:30 PM  Guideline-Based Medical Therapy
Louis Salvaggio, MD

1:40 PM  Risk Management
Michelle Sloan, APN

1:50 PM  Managing Cath Lab Financial Challenges in 2018
Michael Guiry, PA-C, MBA

2:00 PM  Streamlining Clinical Efficiency While Facilitating a Positive Patient Experience
Jude Hebert, RN, BSN

2:10 PM  Live Case (Simulcast from the General Session)

2:30 PM  Questions and Answers/Panel Discussion

2:40 PM  A Case History that Exemplifies the Importance of Interdisciplinary Collaboration
Frank Tursi, DPM

2:50 PM  Cardiac Rehabilitation
Stephen Rees, MD
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<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>What's New in the Cath Lab?</td>
<td>Julie Logan, RN</td>
</tr>
<tr>
<td>3:10 PM</td>
<td>PERT Alert: Staying Ahead of the Curve in Acute PE Care</td>
<td>Regina Deible, RN</td>
</tr>
<tr>
<td>3:20 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>
THURSDAY, MAY 31

SESSION III: MANAGING THE CATH LAB
10:00 AM - 11:15 AM

Moderator: Valerie Harris, RN
Waldorf Astoria Ballroom | Mezzanine Level

10:00 AM Opening Remarks
Valerie Harris, RN

10:02 AM Pitfalls in Patient Prep: What to Know When Sending a Patient to the Lab
Valerie Harris, RN

10:12 AM Protecting the Kidneys: The Role of Hydration and CO2 Angiography
Jacque Blanchard, RN

10:22 AM Keeping You Safe from Radiation Exposure
Robert Lawrence, RCIS, RRT

10:32 AM Ethical Dilemmas in the Cath Lab
Patrick Hoier, BS, RCIS

10:42 AM Supply Cost Management in the Cath Lab: You Can’t Always Get What You Want
Ryan Hebert, RT, (R)

10:52 AM Engaging Your Team for Success
Joey Fontenot, RT (R, N)

11:02 AM New Cath Lab Procedures to Save You Time and Money
Ben Schuler, RN

11:12 AM Questions and Answers/Panel Discussion

11:15 AM Lunch/Lunch Symposia/Exhibits

SESSION IV: SPECIAL TOPICS AND WRAPPING IT ALL TOGETHER
1:30 PM - 3:15 PM

Moderator: Ryan Hebert, RT (R)
Waldorf Astoria Ballroom | Mezzanine Level

1:30 PM Advanced Treatment in Heart Failure
Michelle Sloan, APN

1:40 PM Live Case (Simulcast from the General Session)

2:00 PM Questions and Answers/Panel Discussion

2:10 PM MIPS, MACRA and Other Acronyms You Should Know
Catina Burton, MBA

2:20 PM Transitioning to PAL Care
Allison O’Quin, APRN

2:30 PM Stump the Chump: An Interactive Learning Approach
Steven Dean, DO

3:00 PM Summary and Future Directions
Craig Walker, MD

3:15 PM Adjourn
The Vein Session at NCVH is perhaps the single-most comprehensive and dynamic update for any provider interested in the newest technologies and high-demand procedures critical to establishing or growing a successful vein practice.

ARIEL D. SOFFER, MD
Co-Chairman,
Vein Session
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Opening Remarks</td>
<td>Ariel Soffer, MD</td>
</tr>
<tr>
<td>9:10 AM</td>
<td>Superficial Venous Insufficiency</td>
<td>Luke Maj, MD</td>
</tr>
<tr>
<td>9:20 AM</td>
<td>First Clinical Presentation of a Novel Clinical Imaging Modality for Venous Disease</td>
<td>Ariel Soffer, MD</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Technical Aspects of Optimally Using Vascular Infrared Thermography</td>
<td>David Wright, MD</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>An Overview of the Available Treatment Options for Superficial Venous Insufficiency</td>
<td>Anil Chagarlamudi, MD</td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Treatment of Venous Perforator Reflux</td>
<td>Patricia Thorpe, MD</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Phlebectomy: Techniques for Best Results</td>
<td>Patrick Muck, MD</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>Foam for Venous Reflux Disease</td>
<td>Ariel Soffer, MD</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>Mechanochemical Ablation</td>
<td>Robert Attaran, MD</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Cyanoacrylate Ablation</td>
<td>Robert Attaran, MD</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Collaboration Between Dermatology and Vascular Medicine</td>
<td>Luke Maj, MD</td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Case Presentations</td>
<td>Anil Chagarlamudi, MD</td>
</tr>
<tr>
<td>11:25 AM</td>
<td>Closing Remarks</td>
<td>Robert Attaran, MD</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Adjourn to General Session</td>
<td></td>
</tr>
</tbody>
</table>
CO₂ ANGIOGRAPHY SOCIETY ANNUAL CONFERENCE AGENDA
NCVH has made it possible for like-minded physicians and healthcare professionals to have a collective forum to discuss the ongoing advancement of intravascular CO$_2$.

JAMES G. CARIDI, MD, FSIR
Chairman and Founder,
CO$_2$ Angiography Society
ASPS is a growing organization with a membership of 1,000+ practicing podiatric surgeons, residents, and students nationwide.

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CO₂ Angiography Society

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James G. Cani, MD | Craig M. Walker, MD

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**AGENDA | CO₂ ANGIOGRAPHY SOCIETY**

**FRIDAY, JUNE 01**

**CO₂ ANGIOGRAPHY SOCIETY ANNUAL CONFERENCE**  
8:00 AM - 11:45 AM

Moderator: James Caridi, MD  
Orpheum Room | Second Level

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
</tr>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>History and Science of CO₂ Digital Subtraction Angiography</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>CO₂ Digital Subtraction Angiography for Diagnosis and Intervention: Indications and Contraindications</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>CO₂ Use in Endografts</td>
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<tr>
<td>9:30 AM</td>
<td>Contrast-Induced Nephropathy at What Cost?</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Break/Exhibits</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>CO₂ Digital Subtraction Angiography in Peripheral Vascular Disease</td>
</tr>
<tr>
<td>10:35 AM</td>
<td>CO₂ Digital Subtraction Angiography in Venous Diagnosis and Intervention</td>
</tr>
<tr>
<td>10:55 AM</td>
<td>CO₂ Digital Subtraction Angiography in Dialysis: Do’s and Don’ts</td>
</tr>
<tr>
<td>11:15 AM</td>
<td>CO₂ in the Outpatient Setting</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>CO₂ Angiography Case Studies</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Lunch/Lunch Symposia/Exhibits</td>
</tr>
</tbody>
</table>

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RCIS REVIEW
COURSE
AGENDA
NCVH is credited for setting the bar for the broadcast of live peripheral cases from both national and international sites. Year after year, these efforts have resulted in unparalleled, groundbreaking technological firsts.

CRAIG M. WALKER, MD
Chairman NCVH
**WEDNESDAY, MAY 31**

**RCIS REVIEW COURSE**

8:00 AM - 11:30 AM

Moderator: Jeff Davis, RRT, RCIS  
Chambers I and III | Mayor’s Suite Level

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td></td>
<td><em>Patrick Hoier, BS, RCIS</em></td>
</tr>
<tr>
<td>8:05 AM</td>
<td>Coronary and Vascular Anatomy, Physiology and Imaging</td>
</tr>
<tr>
<td></td>
<td><em>Patrick Hoier, BS, RCIS</em></td>
</tr>
<tr>
<td>8:50 AM</td>
<td>Hemodynamics: Cardiac and Vascular</td>
</tr>
<tr>
<td></td>
<td><em>Jeff Davis, RRT, RCIS</em></td>
</tr>
<tr>
<td>9:40 AM</td>
<td>Questions and Answers/Panel Discussion</td>
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<tr>
<td>9:45 AM</td>
<td>Break/Exhibits</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Pathophysiology: Coronary Artery Disease, Aortic Stenosis and Mitral</td>
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<td></td>
<td>Regurgitation</td>
</tr>
<tr>
<td></td>
<td><em>Jeff Davis, RRT, RCIS</em></td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Interventional Treatments: Acute Coronary Syndromes, Aortic Stenosis</td>
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<tr>
<td></td>
<td>and Mitral Regurgitation</td>
</tr>
<tr>
<td></td>
<td><em>Patrick Hoier, BS, RCIS</em></td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Lunch/Lunch Symposia/Exhibits</td>
</tr>
</tbody>
</table>
Horizons International Peripheral Group (HIPG) is a membership-based organization comprised of the leading innovators, educators and advocates on the subjects of Peripheral Artery Disease (PAD) and Peripheral Vascular Disease (PVD). HIPG is privileged to have some of the industry’s preeminent physicians among its members.

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Chairmen
Robert E. Beasley, MD | Carlos I. Mena, MD | Craig M. Walker, MD

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- The JET Registry demonstrated a high freedom from TLR rate of 81.7% at 12 months in long, 16.4 cm femoropopliteal lesions\(^3\).

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\(^1\) Jetstream Atherectomy Catheters Combined with Console

\(^2\) JET-SCE demonstrated a freedom from TLR rate of 95.2% at 12 months and 91.1% at 18 months with Jetstream + DCB

\(^3\) JET Registry demonstrated a high freedom from TLR rate of 81.7% at 12 months in long, 16.4 cm femoropopliteal lesions

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1. Jetstream Calcium Study. 2. JET-SCE 3. JET Registry.

---

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**CAUTION:** Federal law (USA) restricts this device to sale by or on the order of a physician. For more information on Indications, Contraindications, Warnings, Precautions, Adverse Events, and Operator’s Instructions, Catheter INTENDED USE/INDICATIONS FOR USE: The JETSTREAM System is intended for use in atherectomy of the peripheral circulation not to treat acute or subacute arterial occlusions from upper and lower extremity peripheral arteries. It is not intended for use in coronary arteries or as an arterial valve replacement device. Catheter INTENDED USE/INDICATIONS FOR USE: The PVCN100 Console is designed for use with the JETSTREAM Catheter and Control Pod. See the current revision of the applicable Catheter and Control Pod Instructions for use for further information.

**CONTRAINDICATIONS:**

- Nona known. Catheter WARNINGS:**

- Use room temperature infusate only. Use of heated infusate may lead to wrinkling, ballooning and/or bursting of the outer catheter sheath, which could cause device failure. • Operating the Catheter over a kinked guidewire may cause vessel damage or guidewire fracture. • During treatment, do not allow the Catheter to spin against other object. This may damage the device and lead to device failure. • Do not manipulate the Catheter against resistance unless the cause for that resistance has been determined. • Prior to use of the JETSTREAM System, confirm the minimum vessel diameter proximal to the lesion per the following table:

<table>
<thead>
<tr>
<th>Model</th>
<th>1.6</th>
<th>1.85</th>
<th>2.0/3.0</th>
<th>2.4/3.4</th>
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</thead>
<tbody>
<tr>
<td>Minimum Vessel Diameter, Proximal to Lesion</td>
<td>2.5 mm</td>
<td>2.75 mm</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Minimum Vessel Diameter, Blades Down</td>
<td>—</td>
<td>—</td>
<td>3.0 mm</td>
<td>3.5 mm</td>
</tr>
<tr>
<td>Minimum Vessel Diameter, Blades Up</td>
<td>—</td>
<td>—</td>
<td>4.0 mm</td>
<td>4.5 mm</td>
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</table>

Catheter PRECAUTIONS:**

- Do not bend or kink the Catheter during setup or during the procedure. This may damage the device and lead to device failure. • Do not insert conduit below the lesion is selected. • Do not insert conduit below the lesion is selected. • Do not insert conduit below the lesion is selected. • Do not insert conduit below the lesion is selected.

- Catheter WARNINGS:**

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**ADVERSE EVENTS:** Potential adverse events associated with use of this device and other interventional catheters include, but are not limited to the following (alphabetical order): • Abrupt or sub-acute closure • Amputation • Bleeding complications, access site • Bleeding complications, non-access site • Death • Dissection • Distal emboli • Embolization of vascular access site • Embolization of wire • Endarterectomy • Endoleak • Endovenous treatment • Failure to deliver the device • Fracture • Hypotension • Infection • Fever • Major burn • Perforation • Renal insufficiency • Restenosis of the treated segment • Vascular complications which may require surgical repair • Thrombosis

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Beaufort, SC

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Stanford, CA

THOMAS ZELLER, MD
University Heart Center Freiburg - Bad Krozingen
Bad Krozingen, Germany

WAYNE ZHANG, MD
Puget Sound VA Healthcare System
Seattle, WA
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<td>JUL 14</td>
<td>Comprehensive Cardiology Symposium</td>
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<td>Davenport, IA</td>
<td>JUL 21</td>
<td>Clinical Updates and Advances in Vascular Medicine for the Primary Care Provider</td>
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<td>Birmingham, AL</td>
<td>AUG 04</td>
<td>Comprehensive Cardiac and Vascular Symposium for the Primary Care Provider and Specialist</td>
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<td>Minneapolis, MN</td>
<td>OCT 13</td>
<td>Clinical Updates and Advances in Vascular Medicine</td>
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<td>Meridian, MS</td>
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<td>Cardiovascular Update for the Medical Community</td>
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<td>Philadelphia, PA</td>
<td>NOV 03</td>
<td>Complex Angioplasty Symposium Exchange (CASE) 2018</td>
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<td>Jackson, MS</td>
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<td>Advancements in Care of the CV Patient: Multidisciplinary Strategies for Optimal Results</td>
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<td>Baton Rouge, LA</td>
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<td>State-of-the-Art Cardiology and Advanced Limb Preservation Techniques</td>
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<td>Multidisciplinary Advancements in the Treatment of Cardiovascular Disease, Peripheral Artery Disease and Endovascular Therapy</td>
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<td>Changing Paradigms in Vascular and Venous Therapy; An Update on New Technology and Pharmacotherapy Options</td>
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<td>Ben</td>
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FACULTY DISCLOSURES

All planners and staff for this activity have indicated that they have no financial relationships with commercial interests to disclose in regard to their participation in this continuing medical education activity.

A complete list of faculty disclosures is available online at ncvh.org/disclosures.
Post-PTA dissection: Clinical impact, identification and treatment

Thursday, May 31, 2018
Lunch symposium at NCVH

12PM
Roosevelt Hotel, Chambers II-IV

Dissections matter: Evidence for post-PTA dissection
Ehrin Armstrong, MD

Dissection identification and classification using IVUS: The iDissection grading system
Nicolas Shammas, MD

Dissection repair with the Tack Endovascular System®: Trial data
George Adams, MD

To learn more, visit the Philips booth #101
Register here: http://www.cvent.com/d/8gqkyy/4W

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- Opportunities to get involved with a strong unified community of physician, healthcare and industry leaders with a focused goal of CLI education.
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MONDAY, MAY 28
3:00 PM – 6:00 PM  Registration Open

TUESDAY, MAY 29
6:00 AM - 6:00 PM  Registration Open
9:00 AM - 5:00 PM  Exhibitor Move-In

WEDNESDAY, MAY 30
6:30 AM - 6:00 PM  Registration Open
9:00 AM - 6:00 PM  Exhibits Open
6:00 PM - 7:30 PM  Exhibitor Reception

THURSDAY, MAY 31
6:30 AM - 6:00 PM  Registration Open
9:00 AM - 4:00 PM  Exhibits Open

FRIDAY, JUNE 01
6:30 AM - 3:00 PM  Registration Open
9:00 AM - 4:00 PM  Exhibits Open
6:00 PM - 8:00 PM  Exhibitor Move-Out
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aaoutrach.org

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AMERICAN SOCIETY OF PODIARTIC SURGEONS TT5

aspsmembers.org

Dedicated to podiatric surgical excellence in education and research, ASPS advances the profession of practitioners who strive to be experts in surgery of the foot, ankle, and related structures to increase optimal results for improved patient outcomes. Collaborating with the American Podiatric Medical Association (APMA), ASPS serves as the only official Surgical Affiliate to represent the interests of both organizations' members. Join today at www.aspsmembers.org.

AMERICAN VASCULAR ACCESS, LLC 223

americanvascular.com

American Vascular partners with a variety of physician specialties to develop and manage five-star quality, free standing vascular centers, allowing physicians the ability to expand their practice, maintain independence and offer patients an exceptional continuum of care. AVA has a proven track record with 100+ years combined experience of AVA senior leadership in healthcare and business development. The Company currently operates and owns eleven Centers in seven states. AVA manages all aspects of the Vascular Center allowing the physician to focus on providing quality patient care. Expand your practice while enhancing patient care.

AMGEN 215

amgen.com

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. A biotechnology pioneer since 1980, Amgen has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential.

ANGIOADVANCEMENTS 216

angioadvancements.com

AngioAdvancements offers proprietary medical devices designed to manage and deliver medical gases. The AngiAssist® Medical Gas Management System and the Co2mmander® ELITE Portable Medical CO2 Delivery Systems solve the issues that previously existed in the management of Co2 gas. This unique technology fills a current need in established medical procedures improving upon an existing technology or device. Need is clearly-defined and acknowledged by medical professionals. Each product is manufactured in the United States and is brought to market in a manner that reduces the overall total cost of an episode of care. www.AngioAdvancements.com 239.731.6200

ARGON MEDICAL DEVICES 225

argonmedical.com

Argon Medical Devices, Inc. is a global manufacturer of specialty medical devices for Interventional Radiology, Vascular Surgery, and Interventional Cardiology procedures. The Argon brand is recognized for quality products that improve patient outcomes, featuring the Option™ ELITE Inferior Vena Cava Filter, the CLEANER™ Rotational Thrombectomy Systems, and the TLAB™ Transjugular Liver Biopsy System.

ASAHI INTECC USA, INC. 110

asahi-inteccusa-medical.com

Asahi has a full line of .014” and .018” guidewires with proprietary ACT ONE composite core technology that provide best in class torque response and durability designed to cross the most challenging PAD and CLI lesions. Asahi’s guidewires ensure that physicians can efficiently complete the simple cases and simplify completion of the most complex cases. Asahi microcatheters are designed to work with our guidewires to access and cross tortuous anatomy and calcified lesions. Asahi will work with you to find the most cost effective and efficient guidewire and microcatheter system to meet the needs of your outpatient endovascular procedures.
ASTRAZENECA 104
astrazeneca.com
AstraZeneca is a global, innovation-driven biopharmaceutical business with a primary focus on the discovery, development and commercialization of prescription medicines for gastrointestinal, cardiovascular, neuroscience, respiratory and inflammation, oncology and infectious disease. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide.

AVINGER 313
avinger.com
Avinger is a commercial-stage medical device company that designs and develops image-guided, catheter-based systems that diagnose and treat patients with peripheral artery disease (PAD). Avinger is dedicated to radically changing the way vascular disease is treated through its Lumivascular platform, which currently consists of the Lightbox imaging console and two onboard image-guided catheter families: the Ocelot chronic total occlusion (CTO) device family, and Pantheris atherectomy device family. Avinger is based in Redwood City, CA. For more information, please visit www.avinger.com.

BD PERIPHERAL INTERVENTION 208
bardpv.com
Bard Peripheral Vascular is a leading medical device company that specializes in treatment of stenoses of the vascular system among other diseases. The product portfolio includes the Lutonix™ Drug Coated Balloon, which offers a full size product matrix to treat peripheral, coronary, and dialysis access lesions. Additional products include Crosser® CTO Recanalization Catheter which utilizes high frequency vibration to facilitate central lumen CTO recanalization; LifeStent® Solo™ Vascular Stent System with the longest stent lengths on the market.

BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. 217
us.boehringer-ingelheim.com
Boehringer Ingelheim is a research driven company dedicated to the discovery, development, manufacture and marketing of innovative health care products.

BOSTON SCIENTIFIC 206
bostonscientific.com
Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader for more than 35 years, we advance science for life by providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of health care.

BTG 220
btgplc.com
BTG is a global healthcare company focused on Interventional Medicine. Our innovative medical technology helps physicians treat their patients through minimally invasive procedures. We have a growing portfolio of products that advance the treatment of cancer, vascular conditions and severe emphysema. BTG’s Pharmaceuticals business provides products that help patients overexposed to certain medications or toxins. To learn more about BTG, please visit: btgplc.com.

CANON MEDICAL SYSTEMS, USA 100
us.medical.canon
Canon Medical Systems, USA understands today’s healthcare business and delivers diagnostic imaging and interventional solutions that put customers first. Canon markets, sells, distributes and services radiology and cardiovascular systems, including CT, PET/CT, MR, ultrasound, X-ray and cardiovascular equipment. The company is committed to listening to customers and giving them a voice through patient-focused technology and superior customer service. Canon advances healthcare by coordinating clinical diagnostic imaging and interventional research for all modalities in the United States and its partners with customers to find innovative ways to improve patient care and satisfaction.
EXHIBITORS

CARDIOVASCULAR INSTITUTE OF THE SOUTH 105
cardio.com
Founded by Dr. Craig Walker in 1983, Cardiovascular Institute of the South (CIS) is the largest single specialty cardiology practice in Louisiana. CIS cardiologists represent nearly every specialty in heart and vascular medicine. CIS is a world-leader in preventing, detecting, and treating cardiovascular disease with a comprehensive heart and vascular program. CIS is also world-renowned for making significant advancements in the development of non-surgical treatments to treat peripheral arterial disease. CIS has earned international acclaim as a leader of research, development and education. With a team of more than 675 dedicated members, CIS provides comprehensive cardiovascular care to 14 communities in south Louisiana, with a location in Mississippi and affiliations in Texas. For more information about CIS, call 1-800-425-2565 or visit www.cardio.com.

CARDIOVASCULAR SYSTEMS, INC. 201
csi360.com
Cardiovascular Systems, Inc. (CSI) is leading the way in the effort to successfully treat arterial calcium, a common complication for millions of patients suffering from peripheral and coronary artery diseases. CSI’s mission is to develop and commercialize innovative solutions that help physicians save limbs and lives when facing this difficult-to-treat disease state. CSI is committed to clinical rigor, constant innovation and a defining drive to set the industry standard to deliver safe and effective medical devices that improve lives.

CARDIVA MEDICAL, INC. 124
cardivaomedical.com
Cardiva Medical, Inc. is a privately held medical device company that is exclusively focused on developing and commercializing innovative vascular closure device technology. Cardiva’s definitive vascular closure device, VASCADE® VCS, was approved by the FDA in 2013. VASCADE VCS is Safe, Simple, and Guaranteed with ZERO major complications and is proven statistically superior to manual compression in a prospective, multi-center randomized clinical trial called RESPECT. Recently, VASCADE VCS gained FDA approval for femoral venous access site closure. The device is elegantly simple to deploy, providing both mechanical as well as physiologic hemostasis with its bioabsorbable collagen plug.

CELONOVA BIOSCIENCES, INC. 121
celonova.com
CeloNova BioSciences, Inc. is an innovative global medical device leader transforming the treatment of cardiovascular disease and promoting positive outcomes in patients around the world. CeloNova BioSciences develops, manufactures and markets a family of products based upon its novel Polyzene-F™ nanocoating technology. This next-generation nanocoating is the result of years of rigorous scientific research and German-engineering and has been widely published in numerous academic articles to date.

CLI GLOBAL SOCIETY TT2
cliglobalsociety.org
The Critical Limb Ischemia (CLI) Global Society’s mission is to improve quality of life by preventing amputations and death due to CLI. CLI Global Society is the only professional, multidisciplinary, membership-based medical society created to establish a unified voice in the fight against unnecessary amputations from CLI. The organization also serves its members by providing peer networking, resources, professional standards and best practices and opportunities to help make CLI and PAD global priorities.

COOK MEDICAL 106
cookmedical.com
A global pioneer in medical breakthroughs, Cook Medical is committed to creating effective solutions that benefit millions of patients worldwide. Today, we serve 40 medical specialties with 16,000 products. Cook is a family-owned company founded in 1963 by a visionary who put patient needs and ethical business practices first.
CORDIS, A CARDINAL HEALTH COMPANY

cordis.com
Cordis Corporation, part of the Cardinal health Family of Companies, is a worldwide leader in the development and manufacture of interventional cardiovascular and vascular technologies. Cordis Corporation is one of the most respected names in global interventional medical devices. Our products include self-expanding stents, catheters, balloons, guide wires, vena cava filters, in addition to accessories and other devices.

CRUZAR MEDSYSTEMS

cruzarmed.com
Cruzar Medsystems is an medical device company specializing in the development of a proprietary balloon catheter used to access discrete regions of the peripheral vasculature and for guidewire exchange.

EDWARDS LIFESCIENCES

edwards.com
Edwards Lifesciences, based in Irvine, Calif., is the global leader in patient-focused medical innovations for structural heart disease, as well as critical care and surgical monitoring. Driven by a passion to help patients, the company collaborates with the world’s leading clinicians and researchers to address unmet healthcare needs, working to improve patient outcomes and enhance lives. For more information, visit Edwards.com and follow us on Twitter @EdwardsLifesci.

GETINGE

getinge.com
Getinge is a leading global provider of innovative solutions for operating rooms, intensive-care units, hospital wards, sterilization departments and for life science companies and institutions. Based on first-hand experience and close partnerships, Getinge offers innovative healthcare solutions that improve every-day life for people, today and tomorrow.

GILEAD SCIENCES, INC.
gilead.com
It is Gilead’s Mission to discover, develop, and commercialize innovative therapeutics in the areas of unmet needs that improve patient care.

GORE & ASSOCIATES

goremedical.com
The Gore Medical Products Division has provided creative solutions to medical problems for over four decades. Over 40 million Gore Medical Devices have been implanted worldwide. Products include vascular grafts, endovascular and interventional devices, surgical materials, and sutures for use in vascular, cardiac and general surgery. For more information, visit http://www.goremedical.com.

HEARTFLOW

heartflow.com
HeartFlow is a medical technology company redefining the way heart disease is diagnosed and treated. The non-invasive HeartFlow FFRct Analysis leverages deep learning to create a personalized 3D model of the heart. By using this model, clinicians can better evaluate the impact a blockage has on blood flow and determine the best treatment for patients. The technology is reflective of its Silicon Valley roots and incorporates decades of scientific evidence with the latest advances in artificial intelligence. The HeartFlow FFRct Analysis is commercially available in the United States, Canada, Europe and Japan.

HMP

hmpglobal.com
HMP is a multi-channel leader in healthcare meetings, content, and education, with a mission to improve patient care. We produce accredited continuing medical education events and clinically relevant, evidence-based content for the healthcare community across a range of therapeutic areas. Vascular Disease Management at www.vascularmanagement.com educates readers on the latest advancements in endovascular treatment strategies.; Interventional Oncology 360 at
www.interventionaloncology360.com an educational forum to increase knowledge and enable multidisciplinary collaboration. Publishes JIC-articles on advancements in diagnosis & interventional treatment of cardiovascular disease and CLD-clinical, practical & managerial articles on invasive cardiology & peripheral vascular disease.

HORIZONS INTERNATIONAL PERIPHERAL GROUP TT6

hipgroup.org
Horizons International Peripheral Group (HIPG) is a consortium of expert peripheral interventionalists that is advancing research by clinicians, for clinicians. We provide research expertise in the treatment PVD. Along with high volume enrollment to complete trials, staff to assist with the design and management of multi-center studies, biostatistics/data management/analyses expertise, EDC for internet-based data collection, and publications.

HYPERMED IMAGING, INC. 109

hypermed.com
HyperMed Imaging, Inc. was the first to commercialize hyperspectral imaging for tissue oximetry and remains the leader with more than a decade of clinical efficacy. HyperMed's new product called HyperView™ is a smaller, faster, easier to use device for applications including wound care, amputation, vascular surgery, and reconstructive surgery.

INARI MEDICAL 323

inarimedical.com
Inari Medical is pioneering therapeutic treatments for venous thromboembolism by developing thrombectomy products to extract large clot burden from big vessels without the need for thrombolytic drugs.

INTACT VASCULAR, INC.

Description not available at time of publication.

iRHYTHM TECHNOLOGIES INC. 320

irhythmtech.com
iRhythm is a digital health care company redefining the way cardiac arrhythmias are diagnosed. Zio by iRhythm is a unique 3-to-14 day cardiac monitoring system in a patient-friendly design that facilitates high patient compliance and provides the physician the assurance of uninterrupted ECG recording from start to finish enabling diagnostic certainty in a single test. Zio is proven in 18 peer-reviewed, published studies to help rule-in and rule-out arrhythmias sooner in the diagnostic pathway and to change patient care. Zio reveals a clear path forward to what both clinicians and patients need most, answers.

JANSSEN PHARMACEUTICALS, INC. 115

janssen.com
Janssen Pharmaceuticals Inc. specializes in the development and marketing of prescription medications across a number of therapeutic areas including anticoagulation for various indications and A1C reduction for patients with T2DM.

LAFAYETTE GENERAL HEALTH 103

lafayettageneral.com
Lafayette General Health (LGH) is a non-profit, community-owned regional healthcare system committed to delivering excellence. LGH serves the south-central region of Louisiana by aligning with facilities across a 9-parish area known as Acadiana. LGH’s flagship hospital, Lafayette General Medical Center, in operation since 1911, is a community not-for-profit hospital that does not pay revenue to shareholders as for-profits do. LGH owns/manages Lafayette General Surgical Hospital, Oil Center Surgical Plaza, Lafayette General Southwest, St. Martin Hospital, University Hospital & Clinics, Acadia General Hospital and Abrom Kaplan Memorial Hospital, and many affiliations across Acadiana.

MEDI LAZER 325

Description not available at time of publication.
Making healthcare better is our priority and we believe technology can play an even greater role in improving people’s lives. In addition to alleviating pain, restoring health, extending lives, we work in partnership with others to create seamless, more efficient care. Learn how we’re taking healthcare Further, Together at Medtronic.com.

Penumbra, Inc., headquartered in Alameda, California, is a global healthcare company focused on interventional therapies. Penumbra designs, develops, manufactures and markets innovative devices and has a broad portfolio of products that addresses challenging medical conditions and significant clinical needs across two major markets, neuro and peripheral vascular.

New Cardiovascular Horizons Foundation (NCVH) provides multidisciplinary accredited medical education programs for healthcare providers with an emphasis on the team approach to care for patients with Cardiovascular Disease, Peripheral Artery Disease (PAD), Critical Limb Ischemia (CLI) and Venous Disease. Educational events include a national annual conference consisting of 1,500 attendees with an emphasis on peripheral interventions. NCVH also hosts 16 regional one-day meetings throughout the U.S. with a focus on comprehensive cardiovascular disease and offers international education throughout China. For a list of upcoming events, visit www.ncvh.org.

At Pfizer, we apply science and our global resources to bring therapies to people that extend and significantly improve their lives. We strive to set the standard for quality, safety and value in the discovery, development and manufacture of health care products. For more than 150 years, Pfizer has worked to make a difference for all who rely on us.

Philips is a leading health technology company focused on improving people’s health and enabling better outcomes across the health continuum from healthy living and prevention, to diagnosis, treatment and home care. Philips leverages advanced technology and deep clinical and consumer insights to deliver integrated solutions. Headquartered in the Netherlands, the company is a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care.

Physician Specialty Pharmacy is an independently owned, full-service retail and specialty mail order pharmacy servicing 45 states. We specialize in topically applied medications for infection prevention and treatment, wound management, pain and inflammation control, and a variety of other disease states that may be successfully treated by utilizing topically applied medications. We believe that the best clinical outcomes are achieved when physicians, pharmacies, and patients work together to create and execute the right treatment plan.

Portola Pharmaceuticals is an innovative, patient-focused biopharmaceutical company dedicated to advancing the field of hematology. Our portfolio includes the orally available direct factor Xa inhibitor and anticoagulant drug candidate, apixaban, for the prevention and treatment of thrombotic diseases.

Preventice Solutions is a leading provider of proactive health monitoring solutions and remote monitoring services that connect patients.
and caregivers. Using insights to create revolutionary monitoring technologies, this tech-enabled, service-based approach can ultimately reduce the cost of care and improve health outcomes. Preventice wearable portfolio includes PatientCare Platform and BodyGuardian® family.

RA MEDICAL SYSTEMS 318
ramed.com
Ra Medical Systems, Inc. develops, manufactures and markets excimer laser-based medical equipment designed to treat psoriasis, vitiligo, atopic dermatitis and leukoderma. Ra Medical Systems also develops, manufactures and markets a proprietary laser and delivery systems for cardiovascular treatment.

SANOFI REGENERON 107
regeneron.com | saonfi.com
Sanofi, a global healthcare leader, discovers, develops, and distributes therapeutic solutions focused on patients’ needs. Regeneron, a leading biopharmaceutical company, discovers, develops, manufactures, and commercializes biologic medicines for serious medical conditions. Since 2007, Sanofi and Regeneron have collaborated to develop and commercialize fully human monoclonal antibodies utilizing proprietary technologies.

SHOCKWAVE MEDICAL 122
shockwavemedical.com
Shockwave Medical is working to reshape interventional therapy with Intravascular Lithotripsy (IVL) for the treatment of calcified cardiovascular disease. IVL uses sonic pressure waves to safely select and effectively modify both intimal and medial calcium with minimal impact to soft tissue across a wide range of vascular applications. www.intravascularlithotripsy.com @shockwaveIVL

STREAMLINEMD 119
StreamlineMD.com
StreamlineMD is a certified provider of Electronic Health Record (EHR), Practice Management (PM), and billing solutions. The company offers its services principally to independent physician practices. The StreamlineMD EHR contains clinical content for interventional cardiology including detailed pre-procedure, intra-procedure and post-procedure nursing and physician documentation. In addition, StreamlineMD’s ability to interface with vitals machines, imaging equipment and PACS systems allows for ease and speed in documentation for busy interventional cardiology practices.

SURGICAL CARE AFFILIATES 317
scasurgery.com
SCA, a leader in the outpatient surgery industry since 1982, strategically partners with physicians, health plans and health systems across the US to develop and optimize ASCs and OBLs. SCA joined OptumCare in March of 2017 to accelerate comprehensive care services platform to its existing 200+ joint ventures with 3,000+ physicians. http://scasurgery.com

TELEFLEX 218
teleflex.com
Teleflex is a global provider of medical technologies designed to improve the health and quality of people’s lives. We apply purpose driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers. With Teleflex and the recent acquisition of Vascular Solutions, our new Interventional division offers a growing portfolio of innovative, specialty-focused solutions to support interventionalists around the world.

TERREBONNE GENERAL MEDICAL CENTER
tgmc.com
Terrebonne General Medical Center (TGMC) is located in Houma, Louisiana and has a built a reputation based on providing the highest quality compassionate care and at the same time ensuring patient safety. TGMC is a nationally recognized healthcare organization that provides state of the art technology and cutting edge services. From its world-renowned cardiovascular services to innovative minimally invasive cardiothoracic surgical technology, the best in specialized care and services are available. For more information visit our website at www.tgmc.com
TERUMO INTERVENTIONAL SYSTEMS

Terumo Interventional Systems (TIS), a division of Terumo Medical Corporation, is a market leader in minimally invasive entry site management and lesion access technologies. TIS offers a complete, solution-based product portfolio used in advanced coronary, peripheral endovascular and urological treatments with strategic initiatives in Transradial Access, Complex Coronary Intervention and Critical Limb Ischemia. TIS combines innovative research and development with a deep market understanding to create a pipeline of industry leading devices that deliver clinical value, economic benefit, and enhanced patient outcomes.

VEIN MAGAZINE/VEINDIRECTORY.ORG

Connect with patients on the web’s leading vein resource. VeinDirectory.org & VEIN Magazine knows medical practices. Our product suite of turnkey website solutions and lead generation tools are a simple and painless way to market and manage your vein practice. Join the over 4,000 medical practices we helped grow through: Featured Profile Listing on our Leading Vein Practice Directory | Managing your Online Reputation | Simple and Affordable Website Hosting | Healthcare Marketing Tools

VENCLOSE

Venclose is a medical technology company developing next-generation solutions for the treatment of venous reflux disease.

VENTUREMED GROUP

VENTUREMED GROUP is an innovator in vessel preparation for the interventional treatment of peripheral artery disease of the Femoral Popliteal and A-V Fistula & Graft stenosis. VentureMed’s FLEX Scoring Catheter® technology was purposefully designed to efficiently and dynamically create linear micro-incisions in plaque facilitating vessel compliance and lumen gain for simplified, cost-effective delivery of angioplasty including drug-coated balloons.

WOMENHEART

WomenHeart is the nation’s only patient centered organization serving the nearly 48 million American women living with or at risk for heart disease – the leading cause of death in women. WomenHeart is devoted to advancing women’s heart health through advocacy, community and clinician education, and the peer-led patient support networks. The WomenHeart National Hospital Alliance unites hospitals, patients, families, physicians, and health advocates to help women with heart disease live longer, healthier lives.

ZERO GRAVITY

Description not available at time of publication
New Cardiovascular Horizons

The Business of Peripheral Interventions Stakeholders Forum

Chairmen
Mary Yost, MBA | Craig M. Walker, MD
Course Director: David Konur, FACHE | Sanjiv Lakhanpal, MD

Join Us Next Year
New Orleans

2019
May 28

337.993.7920 | registration@ncvh.org | ncvh.org/bUsiness
Where wound healing begins.

The American College of Hyperbaric Medicine (ACHM) is open to any member of the medical community specializing in wound care or hyperbaric medicine in the United States. Your membership entitles you to all ACHM member benefits including the ability to connect and network with our industry’s preeminent practitioners.

**ACHM MEMBER BENEFITS**

- Discounts on educational conferences, online learning, certification review courses, and member-only training opportunities
- Exclusive member-only access to membership directory, discounts, news, and information at achm.org
- Leadership opportunities to participate on committees, review panels, and provide lectures at partner conferences
- Online member forum for sharing case studies, new ideas, and communicating with like-minded peers
- Subscription to monthly newsletter “Oxygen Observer”

Join now at achm.org

American College of Hyperbaric Medicine
Where Wound Healing Begins.
Engineered to Provide Focused Force

The UltraScore™ Balloon is the **first commercially available .035" scoring balloon** on the U.S. market*, with sizes available on both .014" and .035" guidewire platforms. Compared to a standard PTA balloon of the same size, the UltraScore™:

- Provides approximately **24 times more force** where the wire contacts the lesion**

- Is designed to **longitudinally fracture plaque** at **lower inflation pressure**

- May allow for a **more controlled plaque fracture** and **less vessel recoil**, even in calcified lesions .035".

**FORCE IS FOCUSED WHERE THE WIRE CONTACTS THE LESION**

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*As of March 2018

**Based on theoretical calculation using equation P=FA comparing UltraScore™ Balloon to PCBA. Data on File, BARD Peripheral Vascular, Inc., Tempe, AZ. May not be predictive of clinical performance. Different tests may yield different results.

The UltraScore™ Focused Force PTA Balloon is intended to dilate stenoses in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal and renal arteries and for the treatment of obliterative lesions of native or synthetic arteriogenous dialysis fistulae. This device is also recommended for post-occlusion of balloon expandable stents, self-expanding stents, and stent grafts in the peripheral vasculature. The UltraScore™ Focused Force PTA Balloon is contraindicated: - Where there is the inability to cross the target lesion with a guidewire - For use in the coronary or snares vasculature. The UltraScore™ Focused Force PTA Balloon should be used with caution for procedures involving calcified lesions, stents or synthetic vascular grafts due to the abrasive nature of these lesions. Please consult product labels and instructions for use for indications, contraindications, hazards, warnings and precautions. © 2018 BD. BD, the BD logo and all other trademarks are property of Becton, Dickinson and Company. Illustrations by Mike Austin. All Rights Reserved. BPV/PTP4/0517/0023(3)
UNDERLYING THROMBOTIC RISK PERSISTS

In stable CAD/PAD patients, major cardiovascular events doubled over two years despite guidelines-based therapy.

To learn more about Underlying Thrombotic Risk, register for a virtual program by visiting ThrombosisAdvisorUS.com/Meetings

Explore more by visiting www.ThrombosisAdvisorUS.com

CAD = coronary artery disease; PAD = peripheral artery disease.