



AMERICAN SOCIETY OF DIAGNOSTIC AND INTERVENTIONAL NEPHROLOGY

NEW HORIZONS CREATIVE SOLUTIONS

19TH ANNUAL SCIENTIFIC MEETING

February 17-19, 2023 | Walt Disney World Dolphin | Orlando, FL

Program Chairs: Adrian Sequeira, MD, FASDIN & Dalia Z. Dawoud, MD, FASDIN

A LETTER FROM THE ASDIN PRESIDENT



It is my pleasure to invite you to join us in February 2023 for our 19th Annual Scientific Meeting at the fabulous Walt Disney World Dolphin Hotel in Orlando, Florida. After two years of pandemic-imposed virtual meetings, ASDIN is thrilled to return to an in-person format for #ASDIN2023!

Our Program Chairs, Adrian Sequeira and Dalia Dawoud, along with a stellar Program Committee, have organized an exceptional program, focusing on new horizons in the field of dialysis access and creative solutions to optimize processes of care for our vulnerable patient population. ASDIN will once again offer our ever popular (and always sold-out) Ultrasound PreCourse, a surgical session in collaboration with the Vascular Access Society of the Americas, and highlight challenging cases during our interactive case presentation session.

Innovations in technology and devices have led to great excitement among providers and patients alike, and sessions focusing on technical solutions and practical tips from a panel of multidisciplinary experts form an integral part of our scientific program. In pursuit of new knowledge, ASDIN has expanded our commitment to research and the program will feature updates from recent recipients of ASDIN grants.

As you know, ASDIN's overarching mission is to provide patient-centered care and improve outcomes in dialysis access care. Our efforts to promote excellence have led us to establish ourselves as the leading organization in the field of dialysis access, and to collaborate and strengthen partnerships across the board. This year's meeting site offers inexpensive airfare (with robust flight schedule options), affordable but luxurious accommodations and the opportunity to catch up with old friends and make new ones.

We look forward to seeing you in February for #ASDIN2023!

A handwritten signature in black ink that reads "Vandana Dua Niyar". The signature is fluid and cursive, with a horizontal line underneath.

Vandana Dua Niyar, MD, FASDIN
ASDIN President 2022-2024

2023 ASDIN FACULTY

2023 PROGRAM CHAIRS



Adrian Sequeira, MD, FACP, FASN, FASDIN
Professor of Clinical Medicine
Nephrology Section, LSU Health Shreveport
Shreveport, LA



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Nephrology Associates Medical Group
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FACULTY

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Satellite Healthcare
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Damanhur, El-Beheira, Egypt

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Birmingham, AL

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Clinical Professor of Medicine, Section of Nephrology
University of Illinois at Chicago College of Medicine
Chicago, IL

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President
Access Solutions
Blanchardville, WI

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Mark London, MD, FACS
Surgeon
Dialysis Access Institute of the Regional Medical Center
Orangeburg, SC

Christine Lotto, MD
Attending Vascular Surgeon
Capital Health
Trenton, NJ

John Lucas, III, MD, FACS
Surgeon
Greenwood Leflore Hospital
Greenwood, MS

Beini Lyu, MD, PhD
Peking University Institute for
Global Health and Development
Peking, China

Maxine Mann, MA, BSN, RN, RN-IVN, CNN
Director
American Vascular Access
Daytona Beach, FL

Neghae Mawla, MD, FASDIN

Interventional Nephrologist
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Plano, TX

Andrew Moses, MD

Physician
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Interventional Nephrologist
San Antonio Kidney Disease Access Center
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at Hofstra-Northwell
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Professor of Medicine
Division of Nephrology and Hypertension
Chapel Hill, NC

Marc Saad, MD, FASN

Interventional Nephrologist
Physician Consultants of Georgia, LLC
Macon, GA

Theodore F. Saad, MD, FASDIN

Clinical Professor of Medicine
Thomas Jefferson University School of Medicine
Newark, DE

Bharat Sachdeva, MD

Interim Division Chief of Nephrology
LSU Health Shreveport
Shreveport, LA

Loay Salman, MD, MBA

Chief, Division of Nephrology and Hypertension
Albany Medical College
Albany, NY

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Nephrologist
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Mukesh K. Sharma, MD, MS, FASN, FACP, FASDIN

Interventional Nephrologist
Sierra Nevada Nephrology Consultants
Reno, NV

Saad Mohammed Shariff, MD

Clinical Assistant Professor
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Chapel Hill, NC

Surendra Shenoy, MD

Transplant Surgeon
Washington University School of Medicine
St. Louis, MO

Mohammed Sheta, MD, FASN, FASDIN

Interventional Nephrologist
Global Kidney Center
Houston, TX

Joseph Ravi Singapogu, PhD

Assistant Professor
Clemson University
Central, SC

Tze-Woei Tan, MBBS, MPH, FACS

Associate Professor of Clinical Surgery
Keck School of Medicine of USC
Los Angeles, CA

Vicki Teodorescu, MD, MBA, RVT, FACS

Associate Professor of Surgery
Division of Vascular Surgery and Endovascular Therapy,
Department of Surgery, Emory University School of Medicine
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Adina Voiculescu, MD, FASDIN

Associate Physician
Department of Medicine (DOM), Renal Medicine:
Nephrology and Interventional Nephrology
BWH and Brigham and Women's Faulkner Hospital
Boston, MA

Melissa Warren, RVT

Senior Manager, Clinic Operation
Emory Healthcare
Atlanta, GA

ASDIN 18TH ANNUAL SCIENTIFIC MEETING

2023 PLANNING COMMITTEE

Ammar Almekhi, MD, FASDIN
University of Alabama at Birmingham
Birmingham, AL

Alejandro Alvarez, MD
St. Mary's Health Center, St. Louis, MO

Saravanan Balamuthusamy, MD, FASDIN
Tarrant Vascular, Southlake, TX

Terry Litchfield, MPH
Access Solutions, Blanchardville, WI

Mark London, MD, FASDIN
Dialysis Access Institute, Orangeburg, SC

Daniel Patel, MD, FASDIN
Volusia-Flagler Vascular Center, Daytona Beach, FL

Loay Salman, MD
Albany Medical College, Albany, NY

Aisha Shaikh, MD
Memorial Sloan Kettering Cancer Center
New York, NY

Mohammad Sheta, MD, FASDIN
Global Kidney Center, Houston, TX

Victoria Teodorescu, MD
Emory University, Atlanta, GA

EXHIBIT HALL INFORMATION

Exhibit Hall will be open the following hours:

Friday, February 17	6:00 pm – 7:30 pm
Saturday, February 18	7:00 am – 4:00 pm
Sunday, February 19	7:00 am – 10:30 am

ADDITIONAL INFORMATION

Visit www.asdin.org/19thAnnual for up-to-date program information. For more information, please contact the ASDIN office at (601) 924-2220. Program updates and other pertinent information will be posted on the ASDIN website periodically.



ACCREDITATION STATEMENT

PHYSICIAN CREDIT

Medical Education Resources designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMERICAN BOARD OF INTERNAL MEDICINE MOC RECOGNITION (ABIM)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 16.75 (part II) MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certificate (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to the ACCME for the purpose of granting ABIM MOC credit.

NURSING CREDIT

Medical Education Resources designates this live activity for a maximum of 16.75 ANCC nursing contact hours. Nurses will be awarded contact hours upon successful completion of the activity.

Medical Education Resources is a provider of continuing nursing education by the California Board of Registered Nursing, Provider #CEP 12299, for 16.75 contact hours.

CE FOR TECHS

Continuing education for the Radiological Techs is pending. Visit the ASDIN website for the most up-to-date information.

ASDIN 18TH ANNUAL SCIENTIFIC MEETING

EARLY BIRD RATES

EARLY BIRD RATES (until 1/17/23)

\$650	MEMBER <i>Physicians</i>
\$775	NON-MEMBER <i>Physicians</i>
\$400	ASSOCIATES
\$250*	FELLOWS
\$850	INDUSTRY REP

REGULAR RATES

REGULAR RATES (after 1/17/23)

\$725	MEMBER <i>Physicians</i>
\$850	NON-MEMBER <i>Physicians</i>
\$475	ASSOCIATES
\$250*	FELLOWS
\$925	INDUSTRY REP

*Fellows may be eligible for complimentary registration and a travel grant (airfare and hotel).
Please complete the grant application on asdin.org.

ULTRASOUND PRECOURSE

FRIDAY, FEBRUARY 17, 2023
8:30 AM - 2:45 PM

*Limited to first 25 registrants

\$500

FELLOWS SESSION

SUNDAY, FEBRUARY 19, 2023
12:30 PM - 2:45 PM

INCLUDED WITH FELLOW REGISTRATION

REFUND POLICY

To receive a full refund, cancellations for the meeting must be received in writing on or before January 17, 2023. After that date, no refunds will be granted. Send all cancellations to info@asdin.org.

HEALTH AND SAFETY POLICY

ASDIN will be following guidance from the Centers for Disease Control (CDC), state and local health authorities, as well as abiding by any requirements of the Scientific Meeting venue at the time of the meeting. Due to an ever-changing health and safety environment, ASDIN may implement additional attendance requirements.

ASDIN asks all our attendees to act responsibly and with consideration for the health and safety of others. Vaccination is strongly encouraged for all attendees. Any attendee who feels more comfortable wearing a mask should do so.

ATTENDANCE WAIVER (REQUIRED OF ALL ATTENDEES)

By registering for the 19th Annual ASDIN Scientific Meeting (#ASDIN2023), each attendee agrees to follow all CDC guidelines, state and local regulations, and event safety protocols in place at the time of the meeting. Each attendee will act responsibly and with consideration for the health and safety of others. Each Attendee UNDERSTANDS AND AGREES THAT IF ATTENDEE INTENTIONALLY OR MATERIALLY REFUSES TO COMPLY WITH THE SAFETY PROTOCOLS, ATTENDEE WILL BE REQUIRED TO DEPART THE ASDIN MEETING. Each attendee also voluntarily accepts the inherent risk of exposure to communicable diseases that may occur with traveling to and participating in the ASDIN 19th Annual Scientific Meeting. Each attendee agrees to not hold ASDIN or its representatives liable for any illness related to that risk.

ASDIN MEETING SAFETY & RESPONSIBILITY POLICY

To view our meeting safety and responsibility policy, visit www.asdin.org/19thAnnual.

FRIDAY, FEBRUARY 17, 2023

8:30 AM - 2:45 PM
5:00 PM - 6:00 PM

POINT OF CARE ULTRASOUND PRECOURSE (NO CME)

PLATINUM PARTNER SYMPOSIUM Northern E

Sponsored by Medtronic

Dialysis Access: Evidence-Based Strategies for Creating and Maintaining a Lifeline for ESKD Patients

Micah Chan, MD, Wissam Saliba, MD, and Rashid Sharaf, MD

6:00 PM - 7:30 PM
7:30 PM - 8:00 PM

WELCOME RECEPTION Northern CD

WOMEN IN INTERVENTIONAL NEPHROLOGY RECEPTION Crescent Terrace

SATURDAY, FEBRUARY 18, 2023

6:30 AM - 7:30 AM

PLATINUM PARTNER SYMPOSIUM Northern E

Sponsored by Gore & Associates

The Gore REVISE Clinical Study and Economic Approach to Revisions

Daniel Patel, MD

7:00 AM - 7:45 AM

BREAKFAST Northern CD

Northern AB

7:45 AM - 7:55 AM

WELCOME Adrian Sequeira, MD and Dalia Z. Dawoud, MD

7:55 AM - 8:10 AM

PRESIDENT'S ADDRESS Vandana Dua Niyar, MD

8:10 AM - 9:10 AM

LEARNING FROM THE MASTERS - TIPS & TRICKS IN TECHNIQUE

Moderators: Anil Agarwal, MD and Adrian Sequeira, MD

Exotic TDC Placements: Iliac Zaghlool Gouda, MD

Distal Radial Artery Cannulation: Do's & Don'ts Rameev Narayan, MD

Pre-sternal PD Catheter Placement Mark London, MD

How I Use the Surfacers Mahmood K. Razavi, MD

9:10 AM - 10:10 AM

CONTROVERSIES IN ACCESS CARE

Moderators: Dalia Dawoud, MD and Rashid Sharaf, MD

Upper Extremity HeRO or Lower Extremity Graft Tze-Woei Tan, MD

DEBATE: Ligate or Preserve an Asymptomatic High Flow AVF in the Transplant Patient

Edgar Lerma, MD and Loay Salman, MD

Are Catheters Really Bad? Theodore Saad, MD

10:10 AM - 10:40 AM

BREAK

10:10 AM - 10:40 AM

RAPIDFIRE Abstract Presentations Northern Hemisphere Foyer

Northern AB

10:40 AM - 11:40 AM

endoAVF- FROM START TO FINISH

Moderators: Alejandro Alvarez, MD and Saravanan Bala, MD

A to Z of Patient Candidacy for endoAVF Neghae Mawla, MD

How Do I Manage a Non-Maturing endoAVF? Alejandro Alvarez, MD

Complications of endoAVF - Early & Late Rashid Sharaf, MD

endoAVF: Worth the Cost and Re-Intervention? Neghae Mawla, MD

11:40 AM - 1:00 PM

LUNCH Northern CD

11:45 AM - 12:45 PM

PLATINUM PARTNER SYMPOSIUM Northern E

Sponsored by BD

Innovations in Hemodialysis Access

Ammar Almekhi, MD and Saravanan Bala, MD

ASDIN SCIENTIFIC MEETING SCHEDULE

Northern AB

1:00 PM - 2:15 PM

NEW TECHNOLOGY: CLOSE ENCOUNTERS WITH THE DEVICE KIND

Moderators: Timmy Lee, MD and Rajeev Narayan, MD

FLEX Vessel Prep Mohammed Sheta, MD

Device Updates: AV Access Support Devices Charmaine Lok, MD

Drug Coated Balloons in AVF Stenosis Daniel Patel, MD

Sirolimus-eluting Collagen Based Drug Delivery Prabir Roy-Chaudhury MD

Newer Biologics for Access Maturation Timmy Lee, MD

2:15 PM - 3:00 PM

RESEARCH & ABSTRACTS

Moderators: Jie Cui, MD and Tze-Woei Tan, MD

Research Grant Presentation:

Spatial Transcriptomic Profile of Stenotic Venous Tissue Sal DiBartolo, III, PhD

MicroGrant Presentation:

Exploring the Role of Community Characteristics and Race on Vascular Access Management Beini Lyu, MD, PhD

Podium Abstract Presentations

Mentorship Program Presentations

Presentation 1: Improving Diagnoses and Management of Dialysis Access Steal Syndrome Rui Dai, MD, PhD

Presentation 2: Analysis of Success Rate of AVF Maturation and Validation of Lok's Failure to Mature Equation Akil Serdar Kavcar, MD

Presentation 3: Thrombophilia Risk and the Vascular Access Sindhuri Prakash-Polet, MD, PhD

Presentation 4: AVACS to Evaluate the Cosmetic Appearance of Hemodialysis Vascular Accesses Avinash Rao Ullur, MBBS, MD

3:00 PM - 3:20 PM

AWARDS & FASDIN/IVN PRESENTATION

3:20 PM - 3:35 PM

GERALD BEATHARD ANNUAL STATE OF THE ART LECTURE

2023 Beathard Award Recipient Theodore F. Saad, MD

3:35 PM - 4:00 PM

BREAK & Case Vignettes Northern CD

3:35 PM - 4:00 PM

RAPIDFIRE Abstract Presentations Northern Hemisphere Foyer

4:00 PM - 5:15 PM

CASE DISCUSSIONS

Moderators: Gerald Beathard, MD, PhD; Micah Chan, MD; Daniel Patel, MD

5:15 PM - 5:45 PM

ASDIN BUSINESS MEETING Northern AB

SUNDAY, FEBRUARY 19, 2023

6:30 AM - 7:30 AM

PLATINUM PARTNER SYMPOSIUM Northern E

Sponsored by CorMedix

The Consequences of Bloodstream Infections in

Hemodialysis Patients with Central Venous Catheters

Anil Agarwal, MD, Saravanan Bala, MD, and Saad Mohammed Shariff, MD

7:00 AM - 7:45 AM

BREAKFAST Northern CD

Northern AB

7:45 AM - 8:45 AM

UPDATES & ACCESS SMORGASBORD

Moderators: Vandana Dua Niyar, MD and Bharat Sachdeva, MD

Anterior Nerve Block for PD Catheter Placement: How to Do It & Its Benefit Mohammed Shariff, MD

A Hidden Conduit – The Forearm Basilic Vein John Lucas, III, MD

AVG Infections: Recognition, Management & Salvage Options Christine Lotto, MD

Odin's Eye: Updates in Literature Lalathaksha Kumbhar, MD

ASDIN SCIENTIFIC MEETING SCHEDULE

8:45 AM - 9:45 AM

ACCESS IN SPECIAL POPULATIONS

Moderators: Theodore Saad, MD and Surendra Shenoy, MD

An Algorithm to Access Selection in the Cardiac Patient Gerald Beathard, MD, PhD

Vascular Options in Those at Risk for Steal Karl Illig, MD

Access Options in the Chronically Hypotensive Patient Aisha Shaikh, MD

An Approach to the Frequent Flyer Patient Needing Catheter Exchanges Ammar Almekhmi, MD

9:45 AM - 10:00 AM

ABSTRACT AWARDS

10:00 AM - 10:30 AM

BREAK

Northern AB

10:30 AM - 11:30 AM

BUSINESS OF VASCULAR ACCESS CARE: PRESENT & FUTURE

Moderators: Terry Litchfield, MPH and Timothy Pflederer, MD

The Frequent Flyer Requiring Repeated Angioplasty - How to Stay Safe Saravanan Bala, MD

Current Landscape of Legal Enforcement Action in our Space Terry Litchfield, MPH

Regulatory Incentives to Increase PD Utilization Micah Chan, MD

Coding Integrity - Walking the Line Timothy Pflederer, MD

Value Based Care: KCC & CKCC Impacts Jay Agarwal, MD

11:30 AM - 12:30 PM

VASA SESSION: SURGEON'S CORNER

Moderators: Karl Illig, MD and Mark London, MD

How Do I Choose What Type of Graft to Place in a Patient? Indications & Benefits Christine Lotto, MD

Should Nephrologists Create Surgical AVFs? Victoria Teodorescu, MD, MBA

Techniques to Salvage Small Caliber Veins for Access Creation Surendra Shenoy, MD

My Technique to Perform Aneurysmal Reduction John Lucas, III, MD

ASDIN SPECIAL FELLOWS SESSION

Sunday, February 19, 2023

12:30 PM – 2:45 PM (lunch included)

Co-Chairs: Dalia Dawoud, MD & Mukesh K. Sharma, MD

Moderators: Anil K. Agarwal, MD, Vandana Dua Niyar, MD, Bharat Sachdeva, MD & Adrian Sequeira, MD

SCHEDULE

12:30 PM – 1:15 PM Lunch

1:15 PM - 2:00 PM

INTERVENTIONAL NEPHROLOGY FOR THE GENERAL NEPHROLOGIST

Introduction to Interventional Nephrology

Types of AV Access and Physical Exam of AV Access

Common Interventional Procedures

Virtual Tour of an Access Center

2:00 PM – 2:45 PM

CAREER GUIDANCE FOR NEPHROLOGY FELLOWS

Job Hunting, CV Preparation, Interview Do's and Don'ts

Career Launching and Peaking – Pitfalls to Avoid

Hybrid Careers in Nephrology

Work Life Balance

POINT OF CARE ULTRASOUND PRECOURSE

FRIDAY, FEBRUARY 17, 2023

DANIEL ROSS, MD, PRECOURSE CHAIR

Faculty: Fernando Ariza, MD, Andrew Moses, MD, Marc Saad, MD,
Adrian Sequeira, MD & Adina Voiculescu, MD

TARGET AUDIENCE: Designed for physicians, fellows, and residents

The practicing nephrologist needs knowledge of lung and basic cardiac ultrasound to help determine volume status, renal and bladder ultrasound to evaluate for structural abnormalities. This course will focus on the above elements in point of care ultrasonography. Image acquisition will be practiced on human models using high-quality ultrasound machines and supervised by experienced faculty. Training sessions give you practical, hands-on training.

LEARNING OBJECTIVES:

Upon completion of this course, participants will be able to:

- Discuss how to perform lung and cardiac ultrasonography and ultrasonography of the renal system.
- Identify appropriate uses of ultrasonography in renal practice.
- Demonstrate appropriate image acquisition techniques required for lung, cardiac, and renal ultrasonography.
- Interpret image-based clinical cases to help identify abnormalities.

SCHEDULE

8:30 AM – 9:00 AM

BASICS OF ULTRASOUND TECHNIQUES / KNOBOLOGY

9:00 AM – 9:30 AM

INTRODUCTION TO IMAGING THE KIDNEY AND BLADDER

9:30 AM – 10:50 AM

HANDS ON KIDNEY AND BLADDER WITH PRESENTATION OF ABNORMAL IMAGES

10:50 AM – 11:05 AM

BREAK

11:05 AM – 11:25 AM

INTRODUCTION TO LUNG ULTRASOUND

11:25 AM – 11:45 AM

INTRODUCTION TO CARDIAC IMAGING INCLUDING IVC

11:45 AM – 1:00 PM

LUNCH ON OWN

1:00 PM – 2:45 PM

HANDS ON LUNG AND IVC ULTRASOUND WITH PRESENTATION OF ABNORMAL IMAGES

**POCUS PRECOURSE
REGISTRATION FEE - \$500**

*** LIMITED TO 25 REGISTRANTS**

ASSOCIATE SESSIONS

SATURDAY, FEBRUARY 18, 2023 *Northern E*

ASDIN ASSOCIATES TOWN HALL MEETING

Led by Maxine Mann, MA, BSN, RN, RN-IVN, CNN, ASDIN's Associate Councilor

4:00 pm – 5:15 pm

HELP US RESHAPE THE ASDIN ASSOCIATE EXPERIENCE

A Needs Assessment will be distributed in January which will be used as a basis for this discussion.

SUNDAY, FEBRUARY 19, 2023 *Northern E*

ASSOCIATES PROGRAM (\$50 Sunday-only session)

FOREST RAWLS, JR., CCHT-A, FNKF, ASSOCIATE PROGRAM CHAIR

Faculty: Maxine Mann, MA, BSN, RN, Forest Rawls, Jr., CCHT-A, FNKF,
Joseph Ravi Singapogu, PhD, Melissa Warren, RVT

SCHEDULE

8:00 AM - 8:45 AM

PHYSICAL EXAM

Forest Rawls, Jr., CCHT-A, FNKF

8:45 AM - 9:30 AM

ULTRASOUND WITH PHYSICAL EXAM

Forest Rawls, Jr., CCHT-A, FNKF

9:30 AM - 10:00 AM

CANNULATION TECHNIQUE BASED ON PHYSICAL AND ULTRASOUND EXAMS

Maxine Mann, MA, BSN, RN and Forest Rawls, Jr., CCHT-A, FNKF

10:00 AM - 10:30 AM

BREAK *(within Exhibit Hall)*

10:30 AM - 11:15 AM

VEIN MAPPING FOR SURGICAL AVF/AVG OR endoAVF

Melissa Warren, RVT

11:15 AM - 12:00 NOON

CANNULATION (WITH SIMULATION) *(NO CE/CME)*

Joseph Ravi Singapogu, PhD

ASSOCIATE SESSIONS

SUNDAY-ONLY REGISTRATION - \$50

ASSOCIATE FULL MEETING REGISTRATION - \$475

The Sunday Associate Session is included in full meeting registration.

visit www.asdin.org/19thannual to register today!