



# 2017 VASA HANDS-ON PRACTICUM ON HEMODIALYSIS ACCESS

May 18-20, 2017  
Washington University Medical Campus  
St. Louis, Missouri

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# Thursday & Friday Program Agenda Overview

## **Thursday, May 18<sup>th</sup>**

- 6:00pm**      *Shuttle to reception*
- 6:30**            *Registration, 1<sup>st</sup> Floor*  
*Welcome Reception, 3<sup>rd</sup> Floor*
- 8:30**            *Reception Ends*
- 8:30**            *Last Shuttle to hotels*

## **Friday, May 19<sup>th</sup>**

- 6:15am**        *Shuttle Bus Loop to begin*
- 6:45**            *Registration, 1<sup>st</sup> Floor*  
*Breakfast, 2<sup>nd</sup> Floor*
- 7:15**            *Introduction, 1<sup>st</sup> Floor, Auditorium*

**Attendees split into 3 PHYSICIAN Groups and 2 ALLIED HEALTH PROFESSIONAL Groups. Each group will rotate through three different activity areas. For group assignments and location of activities, see BREAKOUTS tab. Those participating in the Vivarium Experience will be escorted from the College of Pharmacy to the Lab, Clinical Science Research Building Animal Lab (CSRB).**

- 7:30am**        **Travel to Activity Sessions**

### **General Session I**

- 8:00**            **Session I: Physician Activity / Allied Health Professional Activity**
- 10:00**        *Refreshment Break, 2<sup>nd</sup> Floor*

### **General Session II**

- 10:30**        **Session II: Physician Activity / Allied Health Professional Activity**
- 12:30pm**    *Boxed Lunch, 2<sup>nd</sup> Floor*

### **General Session III**

- 1:00**            **Session III: Physician Activity / Allied Health Professional Activity**
- 3:00**            *Refreshment Break, 2<sup>nd</sup> Floor*
- 3:30**            **Vascular Access Clinic, 1<sup>st</sup> Floor, Auditorium**  
Moderators: Gerald Beathard, MD, PhD, Mitchell L. Henry, MD and  
William C. Jennings, MD, FACS

*Shuttle to hotels*

- 4:30**            *Adjourn*
- 4:45**            *Last Shuttle to hotels*
- 6:00**            *Shuttle buses pick up at hotels for City Museum Reception*
- 7:00**            *Reception at the City Museum*
- 9:30**            *Last Shuttle to hotels*

# Saturday Program Agenda Overview

## Saturday, May 20<sup>st</sup>

- 6:15am**      *Shuttle Bus Loop to begin*
- 6:45**            *Breakfast (outside of Non CME Workshops)*
- 7:00**            BARD NON CME Workshop – RENOVA and RESCUE Studies, *1<sup>st</sup> Floor*  
Alejandro C. Alvarez, MD
- 7:00**            GORE NON CME Workshop – Tips and Tricks for Treating Complex, *2nd Floor*  
Dialysis Access Cases – Stephen E. Hohmann, MD, FACS
- 8:00**            *Breakfast, 2nd Floor*
- 8:30**            **General Session I – Access Basics, 1<sup>st</sup> Floor**
- 10:00**          *Refreshment Break, 2nd Floor*
- 10:30**          **General Session II – Access Follow-up, 1<sup>st</sup> Floor**
- 12:00pm**      *Box Lunch, 2nd Floor*
- 1:00**            **General Session III – Innovations in Access, 1<sup>st</sup> Floor**
- 2:00**            **Physician Breakout, 1<sup>st</sup> Floor**
- Allied Health Professionals Breakout Session, 2<sup>nd</sup> Floor**
- 2:30**            *Refreshment Break, 2nd Floor*
- 3:00**            **Physician Breakout, 1<sup>st</sup> Floor**
- Allied Health Professionals Breakout Session, 2<sup>nd</sup> Floor**
- 4:30**            *Adjourn*  
*Last Shuttles to hotels*

# Friday Session Details

## **PHYSICIAN SESSION**

The physician activities will take place at either the St Louis College of Pharmacy or at the CSRB Animal Lab. Those participating in the Vivarium Experience will be escorted.

### **Activity 1 – Procedural Experience, 1<sup>st</sup> Floor**

This activity allows live viewing of surgical and interventional procedures related to vascular access and interact with operating surgeons and interventionalist performing them.

### **Activity 2 – Vivarium Experience, CSRB Animal Lab**

Attendees (surgeons and Interventionalist) spend time in the Vivarium with faculty honing and perfecting vascular access related surgical and interventional techniques. Explore the human cadaver limb and work in the animal lab with hands on and image guided techniques related to AVF and AVG placement and interventions.

### **Activity 3 – Ultrasound and Simulation Experience, 2nd Floor**

Attendees (PHYSICIANS and surgeons) will learn the techniques of using the Ultra Sound in the field of vascular access. This includes, but not limited to, vessel mapping, AVG and AVF maturation evaluation, access monitoring and evaluation of access complications in patient volunteers.

## **ALLIED HEALTH SESSION**

All ALLIED HEALTH PROFESSIONAL activities will take place at the St Louis College of Pharmacy. The rooms will be labeled in the building.

### **Activity 1 – Procedural Experience, 1<sup>st</sup> Floor**

This activity allows live viewing of surgical and interventional procedures related to vascular access and interact with operating surgeons and interventionalist performing them.

### **Activity 2 – Access Anatomy, US Monitoring and Cannulation Experience, 4<sup>th</sup> Floor**

Hands on experience with AVF fistula cannulation with state of the art simulators. Learn different cannulation techniques including the button hole cannulation. Realtime ultrasonography and sonographic guidance for cannulation real time patient evaluation to save the vein and access monitoring.

### **Activity 3 – Dialysis Clinic Experience, 4<sup>th</sup> Floor**

Learn to trouble shoot problems experienced in the dialysis setup and delivery. A simple one minute access check to complex issues with dialysis machines, pump speeds, pressures, access flow, cardiac output monitors, recirculation and access surveillance. Includes trouble shooting with hemodialysis machines and catheters and peritoneal dialysis.

## **DAY OF EMERGENCY NUMBERS**

St Louis College of Pharmacy 314-446-8160  
Contact – Ask for CME staff

Clinical Sciences Research Building (CSRB) Lab 314-747-6435  
Contact – Peggy Frisella Cell 314-607-7374

# Saturday Morning – Detailed Agenda

## **GENERAL SESSION**

### **8:30am General Session 1 - Access Basics, 1<sup>st</sup> Floor**

Moderators: Jack Work, MD and Yael Vin, MD, MPH

1. Tailoring Dialysis Treatments to Patient Needs – Brent Miller, MD
2. 'Functional Vascular Access' – Haimanot (Monnie) Wasse, MD, MPH
3. New Patient Evaluation for AV Access – John F. Lucas III, MD, FACS
4. Central Venography – John E. Aruny, MD
5. AVF Creation – SLOT Technique – Jaime H. Velez, MD
6. AV Graft Placement – David B. Leeser, MD
7. AVG - the 'Super Hero' – Stephen E. Hohmann, MD, FACS
8. PD Catheter Placement – Ingemar J. Davidson, MD, PhD, FACS

### **10:00 Refreshment Break, 2<sup>nd</sup> Floor**

### **10:30 General Session II - Access Follow-Up, 1<sup>st</sup> Floor**

Moderators: Karl A. Illig, MD and John E. Aruny, MD

1. Management of Deep Outflow Veins – Jason Wellen, MD, MBA
2. Surgical Techniques for AV Access Salvage – Eric Peden, MD
3. AV Fistula Aneurysm Repair – Surendra Shenoy, MD, PhD
4. Managing Steal Syndrome: A Flow Based Algorithm - William C. Jennings, MD, FACS
5. Flow Reduction with Banding – Yael Vin, MD, MPH
6. Cannulation Techniques – Cheryl Cress, RN
7. TDC: How do They Differ – Dirk Hentschel, MD
8. First Rib Resection for Thoracic Outlet Obstruction– Robert Thompson, MD, FACS

### **12:00 Boxed Lunch, 2<sup>nd</sup> Floor**

### **1:00 General Session III - Innovations in Access, 1<sup>st</sup> Floor**

Moderators: Larry Scher, MD and Jack Work, MD

1. Percutaneous AV Access Creation and Results of the Novel Endovascular Access Trial (NEAT) - Charmaine Lok, MD
2. Sirolimus Wrap for AVF: Technique and Early Clinical Outcome  
Sriram Iyer, MD, FACC
3. Human Bioengineered Blood Vessels – What Do We Know?  
Jeffrey H. Lawson, MD, PhD
4. Balloon Angioplasty in AV Access – Jeffrey Hoggard, MD, FACP, FASN, FASDIN
5. Stent Graft Placement – Indications and Technique – Dirk Hentschel, MD
6. Hybrid Graft Placement – How I Do It – David Leeser, MD

# Saturday Afternoon – Detailed Agenda

## **PHYSICIAN or ALLIED HEALTH BREAKOUT SESSION**

### **2:00      PHYSICIAN Session, 1<sup>st</sup> Floor**

Moderators: Marc H. Glickman, MD and Gerald Beathard, MD, PhD

1.      ESRD Seamless Care Organization (ESCO) What It Means for Vascular Access – Aris Q. Urbanes, MD
2.      Coding Changes for 2017 – Gerald Beathard, MD, PhD
3.      Health Economics and Early Cannulation Grafts – Marc H. Glickman, MD

### **2:00      ALLIED HEALTH Session, 2<sup>nd</sup> Floor**

Moderators: Haimanot (Monnie) Wasse, MD, MPH and

Lisa Koester Wiedemann, CNN-NP, ANP, MSN-CS

1.      Acute Kidney Care and the Vascular Access Challenges  
Janet Holland, RN, CNN
2.      Fistula First, Catheter Last: Weekly Tools for Evaluating a Maturing AVF or a Healing  
Deborah Brouwer Meir, RN, CNN
3.      Now That You Have Access Flow Measurements From the Surveillance,  
How Do You Identify the Patients at Risk of High Cardiac Output Failure and  
How to Manage? – Haimanot (Monnie) Wasse, MD, MPH

### **2.30      Refreshment Break, 2<sup>nd</sup> Floor**

## **PHYSICIAN or ALLIED HEALTH BREAKOUT SESSION**

### **3:00      PHYSICIANS Session, 1<sup>st</sup> Floor**

Case presentations and discussion

Panelists: William C. Jennings, MD, FACS, Surendra Shenoy, MD, PhD, Dirk Hentschel, MD and Eric Peden, MD

### **3:00      ALLIED HEALTH Session, 2<sup>nd</sup> Floor**

Moderators: Deborah Brouwer Meir, RN, CNN and Forest Rawls, CCHT-A, CHT

1.      Overview of the ESRD Network Program & Quality Incentive Program (QIP)  
for Vascular Access – Sharlyn Bogner, MSN, RN, CNN, CCTC, CPHQ
2.      ESRD Seamless Care Organization (ESCO) What It Means for Vascular Access  
Aris Q. Urbanes, MD
3.      Your Role as a VAC – What Do You Need to Support or Advance Your Role  
Open Discussion – Deborah Brouwer Meir, RN, CNN, Janet Holland, RN, CNN and  
Lisa Koester Wiedemann, CNN-NP, ANP, MSN-CS
4.      Patient Case Review and Access Questions – Panel Discussion  
Cheryl Cress, RN, Janet Holland, RN, CNN, Forest Rawls, CCHT-A, CHT, FNKF  
Lisa Koester Wiedemann, CNN-NP, ANP, MSN-CS