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 18th

6:00pm  Shuttle to reception
6:30   Registration, 1st Floor  
       Welcome Reception, 3rd Floor
8:30   Reception Ends
8:30   Last Shuttle to hotels

Friday, May 19th

6:15am   Shuttle Bus Loop to begin
6:45   Registration, 1st Floor  
       Breakfast, 2nd Floor

7:15   Introduction, 1st 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, 2nd Floor

General Session II

10:30  Session II: Physician Activity / Allied Health Professional Activity
12:30pm  Boxed Lunch, 2nd Floor

General Session III

1:00   Session III: Physician Activity / Allied Health Professional Activity
3:00   Refreshment Break, 2nd Floor
3:30   Vascular Access Clinic, 1st 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 20th**

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, 1st Floor  
Alejandro C. Alvarez, MD

7:00  
GORE NON CME Workshop – Tips and Tricks for Treating Complex, Dialysis Access Cases – Stephen E. Hohmann, MD, FACS  
2nd Floor

8:00  
*Breakfast, 2nd Floor*

8:30  
**General Session I – Access Basics, 1st Floor**

10:00  
*Refreshment Break, 2nd Floor*

10:30  
**General Session II – Access Follow-up, 1st Floor**

12:00pm  
*Box Lunch, 2nd Floor*

1:00  
**General Session III – Innovations in Access, 1st Floor**

2:00  
**Physician Breakout, 1st Floor**  
**Allied Health Professionals Breakout Session, 2nd Floor**

2.30  
*Refreshment Break, 2nd Floor*

3:00  
**Physician Breakout, 1st Floor**  
**Allied Health Professionals Breakout Session, 2nd 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, 1st 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, 1st 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, 4th 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, 4th 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, 1st 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
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, 2nd Floor

10:30 General Session II - Access Follow-Up, 1st 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
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, 2nd Floor

1:00 General Session III - Innovations in Access, 1st 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, 1st 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, 2nd 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, 2nd Floor**

**PHYSICIAN or ALLIED HEALTH BREAKOUT SESSION**

3:00  **PHYSICIANS Session, 1st 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, 2nd 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