Dialysis Access Care: Bench to Bedside!

Program Director: Loay Salman, MD, MBA
Program Co-Director: Roberto I. Vazquez-Padron, PhD
Program Committee: Gary Siskin, MD; Reynold Lopez-Soler, MD, PhD; Arif Asif, MD, MHCM; Laisel Martinez, PharmD, MS; Harold Singer, PhD

Friday July 13, 2018
7:30am - 4:50pm

Hilton Garden Inn - Albany Medical College
62 New Scotland Avenue
Albany, New York 12208

Sponsored by Albany Medical College’s Division of Nephrology and Hypertension and the Office of Continuing Medical Education
Registration Form
(Pre-registration is required)

Dialysis Access Care: Bench to Bedside!
Friday, July 13, 2018

Hilton Garden Inn – Albany Medical Center
62 New Scotland Avenue, Albany, NY 12208
(Please type or print clearly & register one person per form)

Name & Degree: ____________________________________________
(As to appear on conference information – up to two degrees only)

CME Credit Tracking: __________________________________________
Month of Birth   Day of Birth   First 4 Characters of First Name

Specialty: ___________________________________________________

Organization: ________________________________________________

Department: _________________________________________________

Billing Address: ______________________________________________

City: __________________________ State: _____ Zip: _____________

Phone: __________________________ Fax: ________________________

E-mail Address: ______________________________________________
(You must provide an e-mail address to gain access to the on-line syllabus)

Please Check Method of Payment:
☐ My check for $________, payable to Albany Medical College is enclosed.

☐ Please charge my credit card for the amount of $___________.
☐ MasterCard ☐ Visa ☐ American Express ☐ Discover

Card Number: __________________________ Exp. Date: _____/_____/_____

Name as it appears on credit card: _________________________________

Signature: ___________________________________________________

Method of Registration: Fax or Mail
Fax: (518) 262-5679. Registrations accepted with credit card payment. Fax registrations without credit card information will not be processed. This is a secure fax line.

Mail: Return this form with payment to: Albany Medical College, Office of Continuing Medical Education, Dialysis Access Program Mail Code 1, J408, 47 New Scotland Avenue, Albany, NY 12208-3479

OFFICE USE ONLY

Check #: ______________________________________ B/P: ______________________
Amount: ________________________________________________________________
Date Received: ____________________________________________________________
C.C. Approval #: ________________________________________________________
Note: ____________________________________________________________________
Course Description
Dialysis Access Care: Bench to bed side is a multispecialty conference designed to address dialysis access care. Dialysis access care is costly and a common reason for hospitalization among patients with End Stage Renal Disease (ESRD). This conference will provide a platform for updates for Nephrologists, Nephrology fellows, Internal Medicine residents, Vascular surgeons, Vascular Surgery residents, Interventional Nephrologist, Interventional Radiologists, Interventional Radiology residents and fellows, Nurse practitioners, physician assistants, dialysis nurses, dialysis technicians, and other dialysis care providers.

This conference is geared to address questions that arise routinely in the management of the growing population of patients with Chronic Kidney Disease (CKD) and ESRD. The content and discussions in this conference will be instrumental to all care providers to CKD and ESRD patients.

The conference will highlight the latest dialysis access research updates, and address common complications of hemodialysis access and peritoneal dialysis access and provide evidence based approach to these complications.

Complex mechanisms will be broken down into simple concepts during concise and focused lectures. Point counterpoint presentations will emphasize important elements and management strategies. Meet and ask the professors will enable attendees to interact one-on-one with outstanding speakers and leading experts in medicine.

Target Audience
Nephrologists, Nephrology fellows, Internal Medicine residents, Vascular surgeons, Vascular Surgery residents, Interventional Nephrologist, Interventional Radiologists, Interventional Radiology residents and fellows, Nurse practitioners and physician assistants, dialysis nurses, technicians, and other dialysis care providers.

Objectives
Upon completion of the course, the participant should be able to:
• Discuss the high rate of arteriovenous fistula (AVF) primary failure.
• Discuss the latest research updates of AVF primary failure.
• Identify the therapeutic strategies to improve vascular access durability.
• Discuss updates on the use of stents to treat hemodialysis access failure.
• Discuss the updates on new technologies to create AVF.
• Describe common complications associated with hemodialysis catheters.
• Describe various methods to place peritoneal dialysis catheter.
• Discuss common complications of peritoneal dialysis catheters.

Accreditation
Physician: The Albany Medical College is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Albany Medical College designates this Live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistant: AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and AMA Category I CME credit for the PRA from organizations accredited by ACCME.
<table>
<thead>
<tr>
<th>Tuition</th>
<th>By July 1</th>
<th>After July 1</th>
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<tbody>
<tr>
<td>Physicians</td>
<td>$200</td>
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<tr>
<td>NP’s and PA’s</td>
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<td>Nurses and Dialysis Technician</td>
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<td>Residents and AMC Employees</td>
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<tr>
<td>AMC Students</td>
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Tuition includes course registration, access to the on-line syllabus material if available, a continental breakfast lunch on Friday.

**Refunds are possible if notification is received in writing by July 1, 2018.**

**Confirmation**

All registrants will receive a confirmation. If you register and do not receive a confirmation notice within one week of your registration, please call the Office of Continuing Medical Education at (518) 262-5828 to be sure we have received your information.

**On-Line Syllabus**

Printed syllabus material will **NOT** be available at the conference. If syllabus material is available, it will be available on-line prior to and after the conference. In order to receive access to the syllabus material you must provide your e-mail address on the registration form. You will receive access information via e-mail. If you do not receive access information please call (518) 262-5828.

**Overnight Rooms**

A block of overnight rooms has been reserved at the Hilton Garden Inn – Albany Medical College for the evening of July 12. The rate for a standard room is $129 Queen or King. These rates are per night and do not include tax. Please call 877/STAY HGI or go online at troy.HGI.com. Please use the group code AMC3. After July 1 the rooms will be released and the above rate is not guaranteed. Check-in is 4:00 pm; checkout is 12:00 noon.

**Need Information?**

For further information regarding this conference, contact the Office of Continuing Medical Education by phone @ (518) 262-5828, by fax @ (518) 262-5679 or e-mail at pricej@mail.amc.edu. **For emergency calls during the conference**, please call the Hilton Garden Inn at (518) 396-3500.

Be sure to visit the Albany Medical Center website @ www.amc.edu.

**Special Needs**

Should you have disabilities, dietary restrictions or other requirements, please contact the Office of Continuing Medical Education at (518) 262-5828 by July 1 to discuss your needs.

**Attire**

Because everyone has a different comfort level we suggest you dress in layers or bring a sweater.

**Acknowledgement**

A complete list of supporters will be available at the conference.

**Do You Have Specific Questions?**

If you have questions regarding any of the scheduled topics, write them on a separate sheet of paper and enclose with the registration form. Our faculty will do their best to include the information in their talk.
Program Director
Loay Salman, MD, MBA
Thomas Ordway Distinguished Professor of Medicine
Chief: Division of Nephrology and Hypertension
Albany Medical College
Albany, NY

Program Co-Director
Roberto I. Vazquez-Padron, PhD, FAHA
Professor of Surgery
DeWitt Daughtry Family Department of Surgery, Division of Vascular Surgery
University of Miami Leonard M. Miller School of Medicine
Miami, FL

Guest Faculty
Arif Asif, MD, MHCM, FASN, FACP
Chair: Department of Medicine
Professor of Medicine
Jersey Shore University Medical Center
Seton Hall-Hackensack-Meridian School of Medicine
Neptune, NJ

Alfred Cheung, MD
Dialysis Research Foundation
Endowed Chair
Professor of Internal Medicine
Chief, Division of Nephrology & Hypertension
Executive Director, Dialysis Program
University of Utah
Lake City, UT

Laisel Martinez, PharmD, MS
Postdoctoral Fellow
DeWitt Daughtry Family Department of Surgery, Division of Vascular Surgery
University of Miami Leonard M. Miller School of Medicine
Miami, Fl

Sanjay Misra, MD, PhD
Professor of Radiology
Department of Radiology
Mayo Clinic
Rochester, MN

Joris Rotmans, PhD, MD
Associate Professor of Nephrology
Program Director Nephrology Residency & Fellowship
Department of Internal Medicine
Leiden University Medical Center
The Netherlands

Prabir Roy-Chaudhury, PhD, MD
Professor of Medicine
Director, Division of Nephrology
Banner University Medical Center – Tucson and South
Tucson, AZ

Marwan Tabbara, MD, FACS
Associate Professor of Surgery
Division of Vascular Surgery
Miller School of Medicine
University of Miami
Miami, FL

Albany Medical College Faculty
Paul B. Kreienberg, MD
Professor of Surgery
Program Director Vascular Surgery
Residency & Fellowship
Director of Research and Education

Xiaochun Long, PhD
Associate Professor
Department of Molecular and Cellular Physiology (MCP)

Reynold I. Lopez-Soler, MD, PhD, FACS
Assistant Professor of Surgery, Director of Research
Department of Surgery, Division of Transplantation
Assistant Professor, Department of Molecular and Cellular Physiology

Gary Siskin, MD, FSIR
Professor and Chairman
Department of Radiology

David Jourd’heuil, PhD
Professor, Department of Molecular and Cellular Physiology
Associate Professor, Department of Medicine

Harold A. Singer, PhD
Professor and Chairman
Department of Molecular and Cellular Physiology

Nancy Spencer, MS, NP
Department of Interventional Radiology
**Agenda**

8:00-8:09 am  Welcome

8:10-8:29  
**Moderator - Loay Salman, MD, MBA**
Primary AVF Failure: Bigger Problem Than Expected!  
*Loay Salman, MD, MBA*

8:30-8:49  
Outward Vascular Remodeling in AVF Fistula Maturation  
*Alfred Cheung, MD*

8:50-9:09  
Neointimal Hyperplasia, Friend or Foe?  
*Roberto I. Vazquez-Padron, PhD*

9:10-9:19  Q&A  
**Moderator - Roberto I. Vazquez-Padron, PhD**

9:20-9:39  
Vascular Access in the Omics Era  
*Laisel Martinez, PharmD, MS*

9:40-9:59  
Efficacy of Novel Therapeutic Strategies to Improve Vascular Access Durability  
*Joris Rotmans, PhD, MD*

10:00-10:19  
Improving Patient Safety in Vascular Access: A Role for Individualization and Patient Preferences  
*Prabir Roy-Chaudhury, PhD, MD*

10:20-10:29  Q&A

10:30-10:49  Break  
**Moderator - Harold Singer, PhD**

10:50-11:09  
Vascular Smooth Muscle Cells in AVF Maturation and Failure  
*Harold Singer, PhD*

11:10-11:29  
A Key Role of Myocardin Related Transcription Factor A and B (MRTFA/B) in AVF Maturation  
*Xiaochun Long, PhD*

11:30-11:49  
Functions of Hemoglobins During Arteriovenous Fistula Remodeling  
*David Jourd'heuil, PhD*

11:50-11:59  Q&A
12:00-12:59 pm  
Lunch

*Moderator - Reynold Lopez-Soler, PhD, MD*

1:00-1:19  
Native Arteriovenous Fistula: Is it Still the Gold Standard After 50 Years?  
*Marwan Tabbara, MD, FACS*

1:20-1:39  
A Strategy to Improve AVF Rate: Do Not Forget Secondary AVF!  
*Arif Asif, MD, MHCM*

1:40-1:59  
New Technologies to Create AVFs!  
*Paul Kreienberg, MD*

2:00-2:09  
Q&A

*Moderator - Arif Asif, MD, MHCM*

2:10-2:29  
Molecular Mechanisms of Vascular Access Failure  
*Sanjay Misra, MD, PhD*

2:30-2:49  
Stents: What is Their Role in Hemodialysis Access?  
*Gary Siskin, MD*

2:50-3:09  
Intra Stent Stenosis Biology: Is it Different?  
*Prabir Roy-Chaudhury, MD, PhD*

3:10-3:19  
Q&A

3:20 - 3:39  
Break

*Moderator - Loay Salman, MD, MBA*

3:40 - 3:59  
Peritoneal Dialysis Catheter Placement: Where Do We Stand?  
*Reynold Lopez-Soler, MD, PhD*

4:00 - 4:19  
Tunneled Hemodialysis Catheters: Noninfectious Complications!  
*Nancy Spencer, NP*

4:20 - 4:39  
Peritoneal Dialysis Catheters: Why Do They Fail?  
*Reynold Lopez-Soler, MD, PhD*

4:40 - 4:49  
Q&A

4:50  
Adjourn
Register by July 1 and Save $$$$$$$!

We use multiple mailing lists for our conferences. If you receive more than one brochure, kindly pass it on to a colleague.