CINCINNATI
HEMODIALYSIS
VASCULAR ACCESS
SYMPOSIUM-2010

October 1-2, 2010

Photo courtesy of Roger West

Rino Munda, M.D.
Prabir Roy-Chaudhury, M.D., Ph.D.
Symposium Chairmen

Sponsored by the
University of Cincinnati
Departments of Surgery and Medicine

Marriott Kingsgate Conference Center
Cincinnati, Ohio
### FRIDAY, OCTOBER 1, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:45 AM</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>7:55 AM</td>
<td>Welcome and Introduction <strong>Rino Munda</strong></td>
</tr>
</tbody>
</table>

### SESSION I: DEMOGRAPHICS: DEFINING THE PROBLEM

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td><strong>Timothy Pflederer:</strong> Vascular Access Trends from the USRDS and Renal Networks 4, 9 and 10</td>
</tr>
<tr>
<td>8:15 AM</td>
<td><strong>Paul Eggers:</strong> Dollars and Cents: The Economics of Vascular Access</td>
</tr>
<tr>
<td>8:30 AM</td>
<td><strong>Charmaine Lok:</strong> Choosing the Right Access: Art or Science?</td>
</tr>
<tr>
<td>8:45 AM</td>
<td><strong>Anatole Besarab:</strong> Vascular Access DOQI: New Problems for a New Decade</td>
</tr>
<tr>
<td>9:00 AM</td>
<td><strong>Panel Discussion: Anatole Besarab / Prabir Roy-Chaudhury</strong></td>
</tr>
</tbody>
</table>

### SESSION II: AVF MATURATION

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:10 AM</td>
<td><strong>Timmy Lee:</strong> Clinical Presentation and Epidemiology of AVF Maturation Failure</td>
</tr>
<tr>
<td>9:20 AM</td>
<td><strong>Surendra Shenoy:</strong> Mapping? Mapping, Mapping!!</td>
</tr>
<tr>
<td>9:30 AM</td>
<td><strong>Amit Tevar:</strong> Optimizing Surgery: Right Time, Right Patient, Right Procedure</td>
</tr>
<tr>
<td>9:40 AM</td>
<td><strong>Arif Asif:</strong> Physical Exam is a Must: When and How?</td>
</tr>
<tr>
<td>9:50 - 10:15 AM</td>
<td><strong>DEBATE:</strong> Managing AVF Maturation Failure: Endovascular (Antoine Samaha) versus Surgery (Surendra Shenoy)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 AM</td>
<td><strong>Sandra Donnelly:</strong> The Biology and Science Behind Successful Cannulation</td>
</tr>
<tr>
<td>10:25 AM</td>
<td><strong>Panel Discussion: Rino Munda / Prabir Roy-Chaudhury</strong></td>
</tr>
</tbody>
</table>

### 10:35 - 10:50 AM BREAK

### SESSION III: PTFE GRAFTS

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:50 AM</td>
<td><strong>Mitchell Henry:</strong> Surgical Placement: Back to Basics</td>
</tr>
<tr>
<td>11:00 AM</td>
<td><strong>Ingemar Davidson:</strong> Surgical Maintenance: Long-Term Planning</td>
</tr>
<tr>
<td>11:10 AM</td>
<td><strong>Thomas Vesely:</strong> Endovascular Maintenance</td>
</tr>
<tr>
<td>11:20 AM</td>
<td><strong>John Ross:</strong> Graft or Catheter? Is HERO Really a Hero?!</td>
</tr>
<tr>
<td>11:30 AM</td>
<td><strong>Deborah Brouwer:</strong> Advocating the Best Access for Every Patient: A Nurse’s Perspective</td>
</tr>
</tbody>
</table>

### 11:40 - 12:05 PM DEBATE: AVF (Vo Nguyen) or PTFE (Michael Allon): Why and Who?

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:05 PM</td>
<td><strong>Panel Discussion: Rino Munda / Mitchell Henry</strong></td>
</tr>
</tbody>
</table>

### 12:15 - 1:20 PM LUNCH AND EXHIBITS

### SESSION IV: CATHETERS

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45 PM</td>
<td><strong>Stephen Ash:</strong> Does the Type of Catheter Matter?</td>
</tr>
<tr>
<td>1:55 PM</td>
<td><strong>Antoine Samaha:</strong> Catheter Placement: Who, When and How?</td>
</tr>
<tr>
<td>2:05 PM</td>
<td><strong>Michael Allon:</strong> Avoiding Catheter Infections: Dream or Reality?</td>
</tr>
<tr>
<td>2:15 PM</td>
<td><strong>James Davis:</strong> Do Catheter Coatings Work?</td>
</tr>
</tbody>
</table>

### SESSION V: CENTRAL VEIN AND CEPHALIC ARCH STENOSES

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:25 PM</td>
<td><strong>Davinder Wadhera:</strong> Epidemiology and Treatment of Central Stenosis.</td>
</tr>
<tr>
<td>2:35 PM</td>
<td><strong>Sharad Goel:</strong> Pathogenesis and Treatment of Cephalic Arch Stenosis</td>
</tr>
<tr>
<td>2:45 PM</td>
<td><strong>Timothy Pflederer:</strong> Programmatic Approaches for the Prevention of Cephalic Arch and Central Stenoses</td>
</tr>
<tr>
<td>2:55 PM</td>
<td><strong>Kenneth Abreo:</strong> PD, the “Other” Catheter!</td>
</tr>
<tr>
<td>3:05 PM</td>
<td><strong>Panel Discussion: Antoine Samaha / Prabir Roy-Chaudhury</strong></td>
</tr>
</tbody>
</table>

### 3:15 - 3:30 PM BREAK AND EXHIBITS

### SESSION VI: FROM HEMODYNAMIC STEAL TO HEART FAILURE

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 PM</td>
<td><strong>Eric Chemla:</strong> Hemodynamic Steal: Pathology and Pathophysiology</td>
</tr>
<tr>
<td>3:40 PM</td>
<td><strong>John Ross:</strong> Can We Predict Who will Develop Steal?</td>
</tr>
<tr>
<td>3:50 PM</td>
<td><strong>Ingemar Davidson:</strong> Timely Intervention for Steal Syndromes: Diagnosis and Therapy</td>
</tr>
<tr>
<td>4:00 PM</td>
<td><strong>Janet Holland:</strong> Recognizing Steal in the Dialysis Unit: The Nurse’s Role</td>
</tr>
<tr>
<td>4:10 PM</td>
<td><strong>K. Shashi Kant:</strong> Hyperdynamic Heart Failure: Does It Really Exist?</td>
</tr>
<tr>
<td>4:20 PM</td>
<td><strong>Panel Discussion: Ingemar Davidson / Rino Munda</strong></td>
</tr>
</tbody>
</table>
SATURDAY, OCTOBER 2, 2010

7:00 AM Registration and Continental Breakfast

Special Lecture
8:00 AM Jonathan Himmelfarb: Optimization and Integration of Dialysis Vascular Access Care

SESSION VII: LANDMARK CLINICAL TRIALS IN DIALYSIS ACCESS

8:20 AM Laura Dember: Clopidogrel for AV Fistula Maturation
8:30 AM Bradley Dixon: Dipyridamole Plus Aspirin for Prevention of PTFE Dialysis Graft Stenosis
8:40 AM Thomas Vesely: Stent Grafts for PTFE Graft Stenosis

8:50 - 9:15 AM DEBATE: Stenting is the Future!!
Pro (Bart Dolmatch) vs Con (Arif Asif)

9:15 AM Panel Discussion: Antoine Samaha / Prabir Roy-Chaudhury

SESSION VIII: NOVEL THERAPIES AND EMERGENT TECHNOLOGIES

9:25 AM Prabir Roy-Chaudhury: Hybrid Grafts
9:30 AM Prabir Roy-Chaudhury: Connecting Vessels (Optiflow)
9:35 AM Mahmoud El-Khatib: Local Cell Therapy (Vascugel)
9:40 AM Mahmoud El-Khatib: Local Chemical Therapy (PRT-201; Elastase)
9:45 AM Timmy Lee: Local Gene Therapy (Trinam)
9:50 AM Surendra Shenoy: Local Drug Therapy (Sirolimus Wraps)
9:55 AM Stephen Ash: Antiseptic Catheter Locks
10:00 AM Panel Discussion: Timmy Lee / Prabir Roy-Chaudhury

10:10 – 10:25 BREAK AND EXHIBITS

SESSION IX: NURSING AND COORDINATOR CARE: CRITICAL FOR VASCULAR ACCESS SUCCESS!

10:25 AM Alex Rosenblum: Bringing Quality into Vascular Access Care. Reducing Tunneled Dialysis Catheters

10:35 AM Victoria Holmes: Role of Vascular Access Nurse/Coordinator in CKD and ESRD
10:45 AM Janet Holland: Essentials of Cannulation Techniques: Look, Listen and Feel Before You Place the Needle
10:55 AM Donna Merrill: Nursing Issues in a Vascular Access Center

11:05 -11:30 AM PANEL DISCUSSION: Cannulation: Myth, Theory and Evidence
Janet Holland, Deborah Brouwer, Alex Rosenblum, Donna Merrill, Victoria Holmes

SESSION X: MESSAGES FOR THE FUTURE

11:30 AM Eric Chemla: The European Experience: What to Do. What Not To Do
11:50 AM Allen Nissenson: Partnering with Industry to Optimize Dialysis Vascular Access
12:30 PM Rino Munda / Prabir Roy-Chaudhury: Wrap Up and Summary

CME ACCREDITATION: The University of Cincinnati designates this educational activity for a maximum of 10.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credits commensurate with the extent of their participation in the activity. The University of Cincinnati is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. The University of Cincinnati is committed to resolving all conflict of interest issues which may arise as a result of prospective faculty members’ significant relationships with drug or device manufacturers. The University of Cincinnati’s mandate is to retain only those speakers with financial interest that can be reconciled with the goals and educational integrity of the CME program.

Target Audience: Surgeons, nephrologists, radiologists, residents, fellows in training, dialysis nurses/technicians/ administrators.

Course Objectives: At the completion of this program, the participant should be able to:
- Identify the importance of vascular access in end-stage renal disease and the role of the different disciplines in the creation,
maintenance and optimal performance of hemodialysis vascular access in patients with end-stage renal disease.

- Explain the management of complications and the use of surgical and radiological intervention in vascular access.
- Explain the economics of hemodialysis vascular access and Medicare reimbursement for dialysis patients.
- Describe the pathogenesis and pathology of hemodialysis vascular access dysfunction.
- Explain novel therapies and treatment guidelines for the management of dialysis access.
- Describe the importance of a team approach for the management of this difficult clinical problem and recognize the role of nursing care in hemodialysis vascular access.

Nurses: The Ohio Board of Nursing accepts Category I CME hours for the nursing continuing education requirements.

LOCATION/LODGING: The symposium will be held at the Marriott Kingsgate Hotel and Conference Center, 151 Goodman Drive, Cincinnati, OH, located approximately 30 minutes from the Greater Cincinnati Airport (located in Kentucky). For room reservations, please call 1-513-487-3800 or 1-888-720-1299 and indicate your attendance at the UC College of Medicine- Vascular Access meeting. A limited number of rooms will be available at the discounted rate of $99/night single/double plus tax. To assure your accommodations, reservations must be made by Thursday, 9/9/10. For further information about the Kingsgate, their website address is: www.conferencecenters.com/cvgkg

REGISTRATION FEES: Registration fees include a lunch on Friday and continental breakfasts on both Friday and Saturday. Please make checks payable to UC Surgeons, Inc. and mail to Dr. Rino Munda, 231 Albert Sabin Way, Suite 1466, Cincinnati, OH 45267-0558. To ensure enrollment, please complete and return the attached form. For further information, please contact Dr. Munda's office: Phone 513-558-6006, email: rosemary.rahn@uc.edu, Fax 513-558-3788.

Cancellation policy: 100% refund before 9/1/10. No refunds after that date.

Cincinnati Hemodialysis Vascular Access Symposium-2010
October 1-2, 2010

REGISTRATION FORM
Please Print

Name/degrees: ____________________________

Complete mailing address: ____________________________

_________________________________________

Phone: ____________________________

Fax: ____________________________

Email: ____________________________

DOB: _____ / _____ / _______

Last 4 digits of SSN: ____________

Fees:

[ ] $125 ANNA members

[ ] $150 Dialysis nurses, technicians, administrators

[ ] $200 Fellows, residents

[ ] $400 Practicing physicians and others

No credit cards accepted.
The Cincinnati Hemodialysis Vascular Access Symposium is a multidisciplinary conference which is devoted entirely to the ever-growing specialty of dialysis access. We hope that this will be a forum to share and discuss new ideas and to try and find new solutions for old problems so that we can take better care of our patients. We look forward to seeing you in Cincinnati.

**GUEST FACULTY**

KENNETH ABREO, M.D.  
Professor of Medicine  
Louisiana State University Medical Center  
Shreveport, LA

LAURA M. DEMBER, M.D.  
Associate Professor of Medicine  
Boston University School of Medicine  
Boston, MA

DONNA MERRILL, R.N, CCRC  
Dialysis Access Nurse Manager  
University of Miami Miller School of Medicine  
Miami, FL

MICHAEL ALLON, M.D.  
Professor of Medicine  
University of Alabama at Birmingham  
Birmingham, AL

BRADLEY S. DIXON, M.D.  
Associate Professor of Medicine  
University of Iowa  
Iowa City, IA

VO NGUYEN, M.D.  
Nephrologist  
Memorial Nephrology Associates  
Olympia, WA

STEPHEN R. ASH, M.D., FACP  
Director of Dialysis  
Clarian Arnett Health  
Lafayette, IN

BART L. DOLMATCH, M.D.  
Professor of Radiology  
University of Texas, Southwestern Medical Center  
Dallas, TX

ALLEN NISSENNON  
Chief Medical Officer  
DaVita, Inc.  
El Segundo, CA

ARIF ASIF, M.D.  
Professor of Medicine  
University of Miami/Miller School of Medicine  
Miami, FL

SANDRA DONNELLY, M.D.C.M.  
Associate Professor of Medicine  
St. Michael’s Hospital  
Toronto, Ontario, Canada

TIMOTHY A. PFLEDERER, M.D.  
Interventional Nephrologist  
Renalcare Associates  
Peoria, IL

GERALD A. BEATHARD, M.D., Ph.D., FASN  
Vice President  
Lifeline Vascular Access  
Houston, TX

PAUL W. EGGERS, Ph.D.  
Program Director- Kidney and Urology Epidemiology  
National Institutesof Health  
Bethesda, MD

ALEX J. ROSENBLOM, BS, RN, CNN  
Vice President - Quality Improvement  
Fresenius Medical Services  
Irvine, TX

ANATOLE BESARAB, M.D.  
Professor of Medicine  
Henry Ford Hospital  
Detroit, MI

MITCHELL HENRY, M.D.  
Professor of Surgery  
Ohio State University Medical Center  
Columbus, OH

JOHN R. ROSS, M.D., FACS  
Vascular Surgeon  
Bamberg County Hospital  
Bamberg, SC

DEBORAH BROUWER, R.N., CNN  
Director, Clinical Operations  
Biocinect Systems  
Amher, PA

JONATHAN HIMMELFARB, M.D.  
Professor of Medicine  
Kidney Research Institute  
Seattle, WA

SURENDA SHENOY, M.D., Ph.D.  
Professor of Surgery  
Washington University School of Medicine  
St. Louis, MO

ERIC CHEMLA, M.D.  
Consultant Renal Transplant and Vascular Surgeon  
St. George’s Healthcare NHS Trust  
London, England, United Kingdom

JANET E. HOLLAND, R.N., CNN  
Director, Vascular Access Management  
DaVita, Inc.  
El Segundo, CA

THOMAS M. VESELY, M.D.  
Interventional Nephrologist  
Vascular Access Services, LLC  
St. Louis, MO

INGEMAR DAVIDSON, M.D., Ph.D.  
Professor of Surgery  
University of Texas, Southwestern Medical Center  
Dallas, TX

CHARMAINE E. LOK, BSc, M.D., MSc , FRCCP  
Associate Professor of Medicine  
University of Toronto and Toronto General Hospital  
Toronto, Ontario, Canada

JACK WORK, M.D.  
Professor of Medicine  
Emory University  
Atlanta, GA

**LOCAL FACULTY**

JAMES A. DAVIS, M.D.  
Interventional Nephrologist  
Kidney and Hypertension Center

VICTORIA HOLMES, MSN, APRN, CNN  
Clinical Nurse Specialist  
Good Samaritan Hospital

ANTOINE SAMAH, M.D.  
Interventional Nephrologist  
Kidney and Hypertension Center

MAHMoud El-Khatib, M.D., Ph.D., FACP, FASN  
Professor of Medicine  
UC College of Medicine

K. SHASHI KANT, M.D.  
Professor of Medicine  
UC College of Medicine

AMIT D. TEVAR, M.D.  
Assistant Professor of Surgery  
UC College of Medicine

SHARAD GOEL, M.D.  
Interventional Nephrologist  
Kidney and Hypertension Center

TIMMY LEE, M.D., M.S.P.H., FACP, FASN  
Assistant Professor of Clinical Medicine  
UC College of Medicine

DAVINDER WADEHRA, M.D.  
Assistant Professor of Medicine  
UC College of Medicine