

University of Virginia Health System presents

Therapeutic Apheresis Academy 2017

September 28-30, 2017

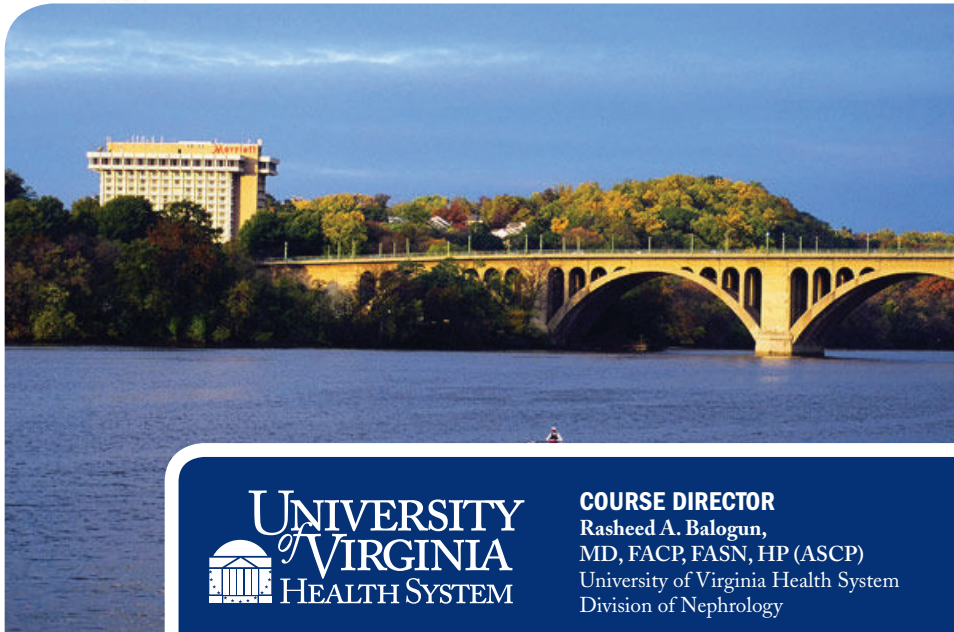
Key Bridge Marriott, Arlington VA

Provided by the Office of Continuing Medical Education,
University of Virginia School of Medicine



The distinguished faculty is comprised of renowned experts selected to provide an interactive, multidisciplinary, and interprofessional educational program.

Educational program developed in cooperation with the American Society for Apheresis.



UNIVERSITY
of **VIRGINIA**
HEALTH SYSTEM

COURSE DIRECTOR

Rasheed A. Balogun,
MD, FACP, FASN, HP (ASCP)
University of Virginia Health System
Division of Nephrology

COURSE OVERVIEW

The Therapeutic Apheresis Academy is a multidisciplinary 2½ day course for physicians in nephrology, hematology, pathology/blood banking, and other allied health professionals with an interest in therapeutic apheresis. This conference will build upon previously established interprofessional learning using modern learning techniques. The interactive didactic sessions on Thursday and Friday will present an overview of current practice and information on building a new therapeutic apheresis service. The small group and fully interactive Saturday demonstration workshops will showcase clinical applications and provide an opportunity to glean practical tips from expert practitioners.

ACCREDITATION AND DESIGNATION STATEMENT

The University of Virginia School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Virginia School of Medicine designates this live activity for a maximum of **13.75 AMA PRA Category 1 Credits™** for the didactic sessions and **3.25 AMA PRA Category 1 Credits™** for the lab workshop. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Virginia School of Medicine awards **13.75 hours of participation** for the didactic sessions and **3.25 hours of participation** for the lab workshop to each non-physician participant who successfully completes this educational activity. The University of Virginia School of Medicine maintains a record of participation for six (6) years.

The University of Virginia School of Nursing Continuing Education is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

The University of Virginia SONCE awards **13.75 contact hours** for the didactic sessions and **3.25 contact hours** for the lab workshop for nurses who participate in this educational activity and complete the post activity evaluation.

LOCATION

This course will be held at the Key Bridge Marriott, 1401 Lee Hwy, Arlington, Virginia. .

PARKING

Conference parking is discounted to \$10/day for hotel guests. Mention the discount to the Front Desk Staff at check-in to receive your discounted rate. For all others, conference parking is \$25/day.

ACCOMMODATIONS

The Key Bridge Marriott provides beautiful views of and easy access to Washington, DC and is a quick walk across a pedestrian bridge to Georgetown.

Rooms have been reserved at the Key Bridge Marriott and will be available on a first come, first served basis. Attendees will need to make their own reservations by calling the hotel directly at 1-703-524-6400, the central reservations line at 1-888-236-2427, or online at <http://tiny.cc/TAA2017>. Please make your reservation by September 6, 2017 (6 PM EST) to take advantage of the group rate of \$219/night.

CONTACT INFORMATION

Please contact Andrea Zimmerman in the Office of Continuing Medical Education with any questions regarding this activity (azimmerman@virginia.edu, 434.924.5310).

REGISTRATION

Registration is available only online at www.cmevillage.com. Visit our website and click on “Conferences & Symposia”. The syllabus will be available online only the week of the conference until 30 days after the conference.

The Didactic Only registration fee provides admittance to the Thursday and Friday didactic educational programs and materials, breakfast, lunch, and breaks, and the exhibitor tables for all registrants.

The Didactic & Demonstration Workshop registration fee additionally provides admittance to the Saturday hands-on Demonstration Workshop. The workshop is open to a limited number of participants, and a waitlist will be in effect after the lab is full.

REGISTRATION FEES	Before 7/1/17	7/1/17- 9/18/17	WALK IN After 9/18/17
Physician	\$475.00	\$575.00	\$650.00
Nurses, HCP or Resident/Fellow	\$375.00	\$475.00	\$550.00
Lab/Demonstration Workshop	\$75.00	\$75.00	Not available

Attention UVA Faculty & Staff

To apply for your UVA educational benefits to be reimbursed :

UVA academic employees: www.hr.virginia.edu/hr-for-you/university-staff/university-staff-benefits/education-benefits/

UVA Medical Center employees: www.healthsystem.virginia.edu/pub/human-resources/benefits-perks/education-benefits/educational-assistance.html

EDUCATIONAL OBJECTIVES

At the end of the main conference, participants should be able to:

- 1) Discuss current clinical indications for therapeutic apheresis
- 2) Have updated knowledge of the new (summer 2016) guidelines in Apheresis Medicine
- 3) Address Apheresis Medicine concerns specific to pediatric patients
- 4) Apply clinical and administrative knowledge necessary to set up and run a Therapeutic Apheresis Service
- 5) Describe the attributes of varying types of apheresis equipment
- 6) Understand and compare duties of each member of the Therapeutic Apheresis team in hospital based versus travelling Apheresis Units

At the end of the laboratory experience, participants will be able to:

- 1) Distinguish and differentiate procedures performed by several classes of therapeutic apheresis instrument modalities: (a) centrifugation, (b) column (filtration) and (c) centrifugation + irradiation.
- 2) Elucidate patient information required for procedures performed on each class of instrument.
- 3) Describe the vascular access options and requirements as these relate to patient, procedure and instrument.
- 4) Describe the blood pathway from access through processing and returning to the patient for the various procedures and instruments.
- 5) Identify instrument parameters which can be adjusted

Thursday, September 28, 2017

AGENDA

- 7:00 Registration and Breakfast
8:00 Welcome
Rasheed A Balogun, MD
- 8:05 **I: Therapeutic Apheresis Medicine 101**
Rasheed A Balogun, MD
- 8:10 Introduction to Therapeutic Apheresis Medicine
Andre Kaplan, MD
- 8:55 Therapeutic Apheresis Instrumentation & Technology
David Ward, MD
- 9:40 Questions and Answers
9:50 Break: Meet the Exhibitors
- 10:10 Transfusion Medicine for the Apheresis Clinician
Jeffrey Winters, MD
- 10:55 Vascular Access Options for Apheresis Medicine
Joshua King MD
- 11:40 Questions and Answers
- 12:00 Lunch - Provided
- 1:00 **II: Clinical Applications - Part 1**
Gayle Vranic, MD
- 1:05 Clinical Trials in Apheresis Medicine; Selected Landmark Studies and the
"ASFA Guidelines"
Jeffrey Winters, MD
- 1:50 Therapeutic Apheresis for Renal Disorders
Andre Kaplan, MD
- 2:35 Questions and Answers
2:50 Break: Meet the Exhibitors
- 3:10 Stem Cell Apheresis; Current Clinical Uses
Leonid Volodin, MD
- 3:55 Solid Organ Transplantation; Improving Outcomes with Apheresis Medicine
Gayle Vranic, MD
- 4:40 Questions & Answers
4:50 Closing Comments
Rasheed A Balogun, MD

Friday, September 29, 2017

- 7:15 Sign-in and Breakfast
8:00 Welcome
Rasheed A Balogun, MD
- 8:05 **III: Clinical Applications- Part 2**
Rasheed A Balogun, MD
- 8:10 Apheresis Medicine in Sickle Cell Disease and other Hematological Disorders
Karen King, MD
- 8:55 Therapeutic Apheresis for Neurological Disorders
Rasheed A Balogun, MD
- 9:40 Questions and Answers
9:55 Break: Meet the Exhibitors
- 10:15 Apheresis Medicine in Pediatric Patients Edward Wong, MD
- 11:00 **IV: Therapeutic Apheresis in Special Patient Cohorts**
Tamila Kindwall-Keller DO
- 11:05 Extracorporeal Photopheresis: Past, Present and Future
Amber Sanchez, MD
- 11:50 Questions and Answers
- 12:00 Lunch - Provided
- 1:05 Lipid Apheresis; Technique, Indications and Proven Successes
David Ward, MD
- 1:50 Toxicology; Therapeutic Apheresis in Drug Overdose, Poisoning and Envenomation.
Joshua King MD
- 2:35 Questions and Answers
2:45 Break: Meet the Exhibitors

- 3:05 **V: Anatomy of a Therapeutic Apheresis Service**
Rasheed A Balogun, MD
- 3:10 Starting from Scratch; Experiences with a focused Apheresis Service
Tamila Kindwall-Keller DO
- 3:40 Out-of-the-box Apheresis Procedures; Simultaneous Ventricular Assist Device, ECMO, CRRT
Judy Kauffman, DNP
- 4:10 Professional Billing and Reimbursement for Therapeutic Apheresis: Money Matters
Rasheed A Balogun, MD
- 4:40 Questions and Answers
- 4:50 Closing Comments
Rasheed A Balogun, MD

Saturday, September 30, 2017

- 8:00 Sign-in and Breakfast
- 8:45 Welcome and Introduction to the Workshop
Rasheed Balogun, MD
- 9:00-9:35 / 9:35-10:10 / 10:10-10:45 / 10:45-11:20 / 11:20-11:55

The workshop participants will spend 35 minutes at each of the five stations described below. By the end of this workshop the participant should be able to:

1. Distinguish and differentiate procedures performed by several classes of therapeutic apheresis instrument modalities: (1) centrifugation, (2) column (filtration) and (3) centrifugation + irradiation.
2. Elucidate patient information required for procedures performed on each class of instrument.
3. Describe the vascular access options and requirements as these relate to patient, procedure and instrument.
4. Describe the blood pathway from access through processing and return to the patient for the various procedures and instruments.
5. Identify instrument parameters which can be adjusted by the operator during a procedure.

Station Descriptions

- 1 Centrifugation based Therapeutic Apheresis (Instrument 1)
Renee Harris, RN, Anthony Mallory, RN
 - 2 Centrifugation based Therapeutic Apheresis (Instrument 2)
Martina Odusanya, RN
 - 3 Centrifugation + Irradiation (Extracorporeal Photopheresis)
Amber Sanchez, MD
 - 4 Column (filtration) based Therapeutic Apheresis
Rasheed Balogun, MD, Judy C. Kauffman, DNP
 - 5 Vascular Access
Joshua King MD, Gayle Vranic, MD
- 11:55 Closing Comments
Rasheed Balogun, MD

Syllabus will be provided online
only at www.cmevillage.com

FACULTY

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Attending Physician, Children's National Medical Center

Andrea Zimmerman, EdD*
CME Program Manager, University of Virginia Health System

**planning committee*