



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.



Provided by the Office of Continuing Medical Education of the University of Virginia School of Medicine and the School of Nursing Continuing Education.

September 20-22, 2018

**PINN HALL CONFERENCE CENTER
UNIVERSITY OF VIRGINIA HEALTH SYSTEM**

EDUCATIONAL OBJECTIVES

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

- 1 List examples of current clinical indications for therapeutic apheresis in each of the our existing categories
- 2 Have updated knowledge of the most recent (summer 2016) guidelines for clinical use of Apheresis Medicine
- 3 Apply clinical and administrative knowledge necessary to set up and run a Therapeutic Apheresis Service
- 4 Describe the attributes of varying types of apheresis equipment
- 5 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

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 will present an overview of current practice and information on building a new therapeutic apheresis service. The small group and fully interactive demonstration workshops will showcase clinical applications and provide an opportunity to glean practical tips from expert practitioners.

COURSE DIRECTOR

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



AGENDA

THURSDAY, SEPTEMBER 20, 2018

7:00	Registration, Breakfast, Meet the Exhibitors	
8:00	Welcome	Rasheed A Balogun, MD
8:05	I: Therapeutic Apheresis Medicine 101	Rasheed A Balogun, MD <i>Chair</i>
8:10-8:50	Clinical Overview of Therapeutic Apheresis Medicine	David Ward, MD
8:55-9:35	A Practical Guide to Physician Oversight of Apheresis; Orders, Clinical Assessment and Documentation	Amber Sanchez, MD
9:40-9:50	Panel Discussion	
9:50-10:10	Break: Meet the Exhibitors	
10:10-10:50	Therapeutic Apheresis for Renal Disorders	Andre Kaplan, MD
10:55-11:35	Connections; Vascular Access in Apheresis Medicine	Joshua King MD
11:40-11:50	Questions and Answers	
12:00-12:55	Lunch - Provided	
1:00	II: Clinical Applications – Part 1	Joshua King MD <i>Chair</i>
1:05-1:45	Evidence based Recommendations for Therapeutic Apheresis Medicine; the “ASFA Guidelines”	Yanyun Wu, MD, PhD
1:50-2:30	Transfusion Medicine for the Apheresis Clinician	Monica Pagano, MD
2:35-2:45	Questions and Answers	
2:45-3:05	Break: Meet the Exhibitors	
3:10-3:50	Stem Cell Apheresis; Current Clinical Uses	Leonid Volodin, MD
3:55-4:35	Solid Organ Transplantation; Improving Outcomes with Apheresis Medicine	Angie Nishio-Lucar, MD
4:40-4:50	Questions & Answers	
4:50	Closing Comments	Rasheed A Balogun, MD
5:00	Adjourn	

FRIDAY, SEPTEMBER 21, 2018

7:15	Sign-in, Breakfast, and Visit Exhibitors	
8:00	Welcome	Rasheed A Balogun, MD
8:05	III: Clinical Applications- Part 2	Rasheed A Balogun, MD <i>Chair</i>
8:10-8:50	Red Cell Exchange in Sickle Cell Disease and other Hematological Disorders	Monica Pagano, MD
8:55-9:35	Therapeutic Apheresis for Neurological Disorders	Kelly Gwathmey, MD
9:40-9:50	Questions and Answers	
9:50-10:10	Break: Meet the Exhibitors	
10:10-10:50	Apheresis Medicine in Pediatric Patients	TBA
10:50	IV: Therapeutic Apheresis in Special Patient Cohorts	Tamila Kindwall-Keller DO <i>Chair</i>
10:55-11:35	Extracorporeal Photopheresis: Past, Present and Future	Yanyun Wu, MD, PhD
11:00-11:50	Questions and Answers	
12:00-12:55	Lunch - Provided	
1:00-1:45	Lipoprotein Apheresis; Technique, Indications and Proven Successes	David Ward, MD
1:50-2:30	Drug Administration and Toxin Removal Considerations in Apheresis Medicine	Joshua King MD
2:35-2:45	Questions and Answers	
2:45-3:05	Break: Meet the Exhibitors	
3:05	V: Anatomy of a Therapeutic Apheresis Service	Rasheed A Balogun, MD <i>Chair</i>
3:10-3:40	Starting from Scratch; Experiences with a focused Apheresis Service	Tamila Kindwall-Keller DO
3:40-4:10	Tandem Apheresis Procedures: Practical Examples	Judy Kauffman, DNP
4:10-4:40	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
5:00	Adjourn	

AGENDA CONT.

SATURDAY, SEPTEMBER 22, 2018

8:00	Sign-in and Breakfast	
8:45	Welcome and Introduction to the Workshop	Rasheed Balogun, MD
	The workshop participants will spend 35 minutes at each of the 5 stations described below.	
	BY THE END OF THIS WORKSHOP THE PARTICIPANT SHOULD BE ABLE TO:	
9:00-9:35	1 Distinguish and differentiate procedures performed by several classes of therapeutic apheresis instrument modalities: (1) centrifugation, (2) column (filtration) and (3) centrifugation + irradiation.	STATION DESCRIPTIONS Centrifugation based Therapeutic Apheresis (Instrument 1) Karen Sumner, APRN & Anthony Mallory, RN
9:35-10:10	2 Elucidate patient information required for procedures performed on each class of instrument.	Centrifugation based Therapeutic Apheresis (Instrument 2) Renee Harris, RN
10:10-10:45	3 Describe the vascular access options and requirements as these relate to patient, procedure and instrument.	Centrifugation + Irradiation (Extracorporeal Photopheresis) Amber Sanchez, MD & Yanyun Wu, MD, PhD
10:45-11:20	4 Describe the blood pathway from access through processing and return to the patient for the various procedures and instruments.	Column (filtration) based Therapeutic Apheresis Rasheed Balogun, MD & Judy C. Kauffman, RN
11:20-11:55	5 Identify instrument parameters which can be adjusted by the operator during a procedure.	Vascular Access Joshua King MD & Sana Khan, MD
11:55	Closing Comments	Rasheed Balogun, MD
12:00	Adjourn	



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 14 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 14 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 (SONCE) 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 14 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.

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 7/1/18	7/1/18- 9/12/18	WALK IN After 9/12/18
Physician	\$475.00	\$575.00	\$650.00
Other HCP or Resident/Fellow	\$375.00	\$475.00	\$550.00
Lab/Demonstration Workshop	\$75.00	\$75.00	Not available

LOCATION

This course will be held at the Pinn Hall Conference Center at the University of Virginia in Charlottesville VA. Pinn Hall is located on Jefferson Park Avenue.

PARKING

Conference parking for activities at the UVA Health System is LIMITED to the 14th Street Parking Garage. The Medical Center garages are for patients ONLY. The CME office is unable to reimburse conference attendees for parking. To read more about Parking Information, please visit www.cmevillage.com.

ACCOMMODATIONS

A block of hotel rooms have been reserved and will be available on a first come, first served basis. Attendees will need to make their own reservations with the group name, **UVA Therapeutic Apheresis Academy**.

Courtyard by Marriott

1201 West Main Street, Charlottesville VA

Reservations must be made on or before 8/19/2018 to receive the discounted rate of \$179 (+tax) for nights 9/19 and 9/20 and \$219 (+tax) for nights 9/21 and 9/22. Reservations can be made by calling **434-977-1700 (local)** or 1-800-321-2211 (central reservations) or visiting <http://tiny.cc/TAACourtyard>.

CONTACT INFO

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COURSE FACULTY

(*planning committee)

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Associate Professor of Clinical Medicine
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