

UNIVERSITY OF VIRGINIA HEALTH SYSTEM
PRESENTS



September 12-14

COURSE DIRECTOR

**Rasheed A. Balogun,
MD, FACP, FASN, HP (ASCP)**

University of Virginia
Health System
Department of Medicine
Division of Nephrology

**Washington Marriott Wardman Park
Washington, DC**

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, University of Virginia School of Medicine
and the School of Nursing Continuing Education.



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.



EDUCATIONAL OBJECTIVES

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

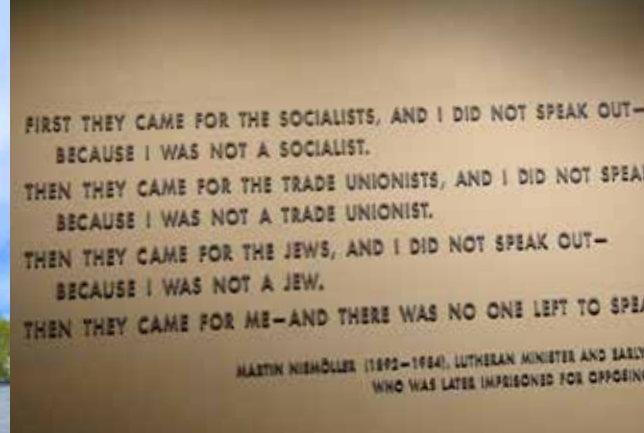
- 1 List examples of current clinical indications for therapeutic apheresis in each of the our existing categories
- 2 Have updated knowledge of the most recent (summer 2019) guidelines for clinical use of Apheresis Medicine
- 3 Apply clinical and administrative knowledge necessary to set up and run 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

THURSDAY, SEPTEMBER 12, 2019

7:00	Registration, Meet the Exhibitors, Breakfast (provided)	
8:00	WELCOME	Rasheed Balogun, MD
8:05	I: Therapeutic Apheresis Medicine 101	Rasheed Balogun, MD <i>Chair</i>
8:10	Clinical Overview of Therapeutic Apheresis Medicine	Andre Kaplan, MD
8:55	Essential Transfusion Medicine Knowledge for the Apheresis Clinician: Blood Groups, HLA, Components and More	Yanyun Wu, MD, PhD
9:40	Panel Discussion	
9:50	Break: Meet the Exhibitors	
10:10	Therapeutic Apheresis for Renal Disorders	David Ward, MD
10:55	Patient-Machine Connections: Vascular Access Options in Apheresis Medicine	Joshua King, MD
11:40	Questions and Answers	
12:00	Lunch (provided)	
1:00	II: Clinical Applications—Part 1	Sana Khan, MD <i>Chair</i>
1:05	Therapeutic Plasma Exchange Before or After Renal Transplantation: The Changing Paradigm	Gayle Vranic, MD
1:50	An Update on Therapeutic Apheresis for Neurological Disorders	Sana Khan, MD
2:35	Questions and Answers	
2:45	Break: Meet the Exhibitors	
3:10	Stem Cell Apheresis: Current Clinical Uses	Leonid Volodin, MBBS
3:55	Red Cell Exchange in Sickle Cell Disease and other Hematological Disorders	Amber Sanchez, MD
4:40	Questions & Answers	
4:50	Closing Comments	Rasheed Balogun, MD
5:00	Adjourn	



FRIDAY, SEPTEMBER 13, 2019

- 7:00** Registration, Meet the Exhibitors, Breakfast (provided)
8:00 **WELCOME**
8:05 III: Clinical Applications—Part 2. What's New?
8:10 2019 Evidence based Recommendations for Therapeutic Apheresis Medicine: the "ASFA Guidelines"
8:55 Novel Additional Therapies for a Thrombotic Thrombocytopenic Purpura: Plasma Exchange and anti-vWF Nanobody
9:40 Questions and Answers
9:50 Break: Meet the Exhibitors
10:10 Precision Medicine Meets Apheresis Medicine: Novel Immunotherapy for Cancer with Chimeric Antigen Receptor Cells
10:50 IV: Therapeutic Apheresis in Special Patient Cohorts
10:55 Extracorporeal Photopheresis: Past, Present and Future
11:40 Questions and Answers
12:00 Lunch
1:05 Lipoprotein Apheresis: Technique, Indications and Proven Successes
1:50 Drug Overdose, Poisoning and Envenomation: Lesser Known Indications for Apheresis Rescue.
2:35 Questions and Answers
2:45 Break: Meet the Exhibitors
3:05 V: Anatomy of a Therapeutic Apheresis Service
3:10 Different Models of Apheresis Services. In-House vs. Travelling Units: A Dialogue
3:40 All for the Children: Pediatric Therapeutic Apheresis Medicine. What to do and What not to do. Practical Examples of Challenges and Solutions.
4:10 A Guide to Clinical Documentation, Professional Billing and Reimbursement for Therapeutic Apheresis
4:40 Questions and Answers
4:50 Closing Comments
5:00 Adjourn

Rasheed Balogun, MD
 Rasheed Balogun, MD *Chair*
 Yanyun Wu, MD, PhD

Andre Kaplan, MD

David Ward, MD

Tamila Kindwall-Keller DO *Chair*
 Amber Sanchez, MD

David Ward, MD
 Joshua King MD

Rasheed Balogun, MD *Chair*
 Tamila Kindwall-Keller, DO
 and Rasheed Balogun, MD
 Volker Witt, MD

Rasheed Balogun, MD

Rasheed Balogun, MD

SATURDAY, SEPTEMBER 14, 2019

- 8:30** Sign-in and Breakfast (provided)
8:45 **WELCOME AND INTRODUCTION TO THE WORKSHOP**
9:00 The workshop participants will spend 35 minutes at each of the 5 stations described below.
 ① Centrifugation based Therapeutic Apheresis (Instrument 1)
 ② Centrifugation based Therapeutic Apheresis (Instrument 2)
 ③ Centrifugation + Irradiation (Extracorporeal Photopheresis)
 ④ Column (filtration) based Therapeutic Apheresis
 ⑤ Vascular Access
11:55 Closing Comments
12:00 Adjourn

Rasheed Balogun, MD

Renee Harris, MSN and
 Amber Lanter RN

Martina Odusanya, RN

Amber Sanchez, MD and
 Yanyun Wu, MD, PhD

Rasheed Balogun, MD

Joshua King, MD

Rasheed Balogun, MD



COURSE FACULTY

(*planning committee)

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Professor, Medicine
University of Virginia Health System

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Clinician IV,
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Professor, Medicine
University of Connecticut Health Center

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Director of Patient Care Services,
Sentara Martha Jefferson Hospital
(Nursing Content Specialist)

Sana Khan, MD*
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University of Virginia Health System

Tamila L Kindwall-Keller, DO*
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University of Virginia Health System

Joshua D King, MD
Assistant Professor, Medicine and Pharmacy,
University of Maryland;
Medical Director, Maryland Poison Center

Amber E Lanter, RN, BSN, CNN
Clinician IV,
University of Virginia Health System

Martina Odusanya, RN
Clinician II,
University of Virginia Health System

Kathryn B Reid, PhD, APRN, FNP-BC, CNL*
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University of Virginia Health System
(Nurse Planner)

Amber P Sanchez, MD
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University of California San Diego

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Assistant Professor, Medicine,
University of Virginia Health System

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MedStar Georgetown Transplant Institute;
Transplant Nephrology,
MedStar Georgetown University Hospital

David M Ward, MD, FRCP (Glasg), HP (ASCP)
Emeritus Professor, Clinical Medicine,
University of California San Diego

Volker Witt, MD
Attending Physician, Pediatric ICU, Pediatric
Hematology and Oncology, Stem Cell
Transplantation Unit, Head of Apheresis
Unit, Commissioner of Blood Depot St. Anna
Children's Hospital, Vienna, Austria

Yanyun Wu, MD, PhD
Chief Medical Officer,
Bloodworks Northwest

Andrea Zimmerman, EdD*
Learning Engineer,
Continuing Medical Education,
University of Virginia Health System



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 a participant who successfully completes this educational activity. The University of Virginia School of Medicine maintains a record of participation for six (6) years.

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.

UVA School of Nursing Continuing Education awards 14 contact hours for the didactic sessions and 3.25 contact hours 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 the Learning Portal or Events Calendar on our website to register. 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 7/22/19	7/22/19- 9/3/19	WALK IN After 9/3/19
Physician	\$500.00	\$600.00	\$700.00
Other HCP	\$400.00	\$500.00	\$600.00
Resident/Fellow	\$350.00	\$450.00	\$550.00
Lab/Demonstration Workshop	\$85.00	\$85.00	Not available

LOCATION

This course will be held at the Washington Marriott Wardman Park, 2660 Woodley Road NW, Washington, District Of Columbia 20008 USA by the Woodley Park-Zoo Adams Morgan Metro Station. Visit <http://tiny.cc/TAA2019> for directions, local attractions, and parking information.

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**.

WASHINGTON MARRIOTT WARDMAN PARK

Reservations must be made on or before August 14, 2019 to receive the discounted rate of \$189 (+tax) for king and \$209 (+tax) for double rooms. First come, first served reservations can be made by calling 1-877-212-5752 (central reservations) or visiting <http://tiny.cc/TAAhotel>.



CONTACT INFO

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