Best Practices in Blood Management: Practicing Excellence in Transfusion Therapy

Educational goal: This program is designed for health-care professionals who wish to update their knowledge of transfusion therapy. In addition, this program begins the Virginia Commonwealth University Medical Center’s kickoff of the PET project. National experts will educate providers and administrators with the most recent data demonstrating improved patient outcomes, lower costs and reduced risk when implementing a hospitalwide blood conservation program. At the conclusion of this activity, participants should be able to:

- explain the history of transfusion and forces shaping the future direction of transfusion medicine,
- describe the current risks of transfusion and strides made to reduce the risk of transfusion-transmitted infections,
- apply concepts of critical oxygen delivery and oxygen deficit to the transfusion decision,
- describe the advantages of implementing a blood conservation program and the role of a blood utilization committee as an integral part of an optimal transfusion practice,
- discuss techniques used during and after surgery to maximize blood conservation and outcomes of the medical center’s blood conservation program in cardiac surgery, and
- specify concepts learned from avoidance of transfusion in the care of Jehovah’s Witnesses.

Accreditation and credit: The School of Medicine, located on VCU’s MCV Campus, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Physicians may claim up to 6.25 hours in Type 1 or Type 2 CME on the Virginia Board of Medicine Continued Competency and Assessment Form required for renewal of an active medical license.

VCU designates this educational activity for a maximum of 6.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only those credits commensurate with the extent of their participation in the activity.

This continuing education activity meets the criteria of VCU and the Southern Association of Colleges and Schools. CEUs will be awarded and recorded with the university in the amount of .6 credits.
Oxygen Is Good and Blood Goes Round and Round: The True Physiologic Basis for Transfusion
Kevin R. Ward, M.D.
Associate Professor, Departments of Emergency Medicine, Physiology and Biochemistry
VCU Medical Center
Associate Director, VCURIES
11:15 – 11:45 a.m.

The Role of a Blood Utilization Committee as an Agent of Change
Susan D. Roseff, M.D.
Associate Professor, Departments of Emergency Medicine, Physiology and Biochemistry
VCU Medical Center
11:45 a.m. – 12:15 p.m.

Techniques to Maximize Blood Conservation
Jeffrey A. Green, M.D.
Associate Professor and Director of Cardiothoracic Anesthesiology
VCU Medical Center
12:15 – 12:45 p.m.

Lessons Learned From the Jehovah’s Witnesses
Aryeh Shander, M.D.
Chief, Department of Anesthesiology, Critical Care Medicine, Pain Management and Hyperbaric Medicine
Englewood Hospital and Medical Center
Mount Sinai School of Medicine
New York, N.Y.
12:45 – 1:15 p.m.

A CEO’s Perspective
Tim Morgan
CEO/Partner
The Rush/Morgan Group
2:30 – 3 p.m.

The Transfusion Decision
Bruce D. Spiess, M.D.
Co-Director, PET project
VCU Medical Center
2:30 – 3 p.m.

Panel Discussion (Question and Answer)
2:30 – 3 p.m.