The Rationale for Blood Conservation: Decreasing Morbidity, Mortality, and Cost

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1007 Farmington Ave, Suite 17 • West Hartford, CT 06107

This activity is an industry-supported satellite symposium and is not part of the AATS Annual Meeting accredited program.

Saturday, May 7, 2011
CME Dinner Symposium
5:45 – 6:00 pm Registration and Dinner
6:00 – 8:00 pm Symposium
Philadelphia Marriott Downtown
Liberty Ballroom A
Philadelphia, Pennsylvania

Chairperson
Charles R. Bridges, MD, ScD

Faculty
Ajay Kumar, MD, FACP, SFHM
Grayson H. Wheatley III, MD, FACS
Victor A. Ferraris, MD, PhD

Online registration:
www.conservingblood.com
TARGET AUDIENCE
This activity has been designed to meet the educational needs of healthcare providers involved in the care of patients who require cardiac surgery.

STATEMENT OF NEED/PROGRAM OVERVIEW
This symposium is intended to describe and illustrate current knowledge of blood conservation practices in order to reduce unnecessary blood transfusions, which have been associated with increased resource utilization, morbidity, and mortality. Review of the recent literature confirms that multimodality blood conservation programs can lead to significant decreases in blood transfusions associated with cardiac surgery in both the large teaching hospital setting and in the community setting. In response to the need to limit unnecessary transfusions, The Society of Thoracic Surgeons (STS) and The Society of Cardiovascular Anesthesiologists (SCA) issued Perioperative Blood Transfusion and Blood Conservation in Cardiac Surgery Clinical Practice Guidelines in 2007. Since then, much has changed, and these guidelines have been updated in 2011.

Despite the documented success of blood conservation programs, a 2007 survey on the impact of the STS/SCA Clinical Practice Guidelines for Perioperative Blood Transfusion and Blood Conservation in Cardiac Surgery suggest that there remain barriers and gaps in the implementation of these guidelines. Data from 2010 indicate while there was wide distribution of the guidelines, implementation remained low. The advent of the updated guidelines should not only help to reduce barriers and educational gaps, but also provide guidance where areas of major revisions have occurred.

EDUCATIONAL OBJECTIVES
After completing this activity, the participant should be better able to:
• Identify high-risk patients and anticipate their need for blood conservation procedures
• Explain the risks and benefits of red blood cell transfusions in patients undergoing cardiothoracic surgery
• Apply transfusion algorithms in patients undergoing cardiothoracic surgery
• Describe drugs, procedures, and devices that conserve blood before, during, and after cardiothoracic surgery
• Illustrate how to organize a multimodality, institution-wide blood conservation protocol in local hospitals
• Outline the areas of major revisions based on the 2011 Update to the STS/SCA Blood Conservation Clinical Practice Guidelines

CHAIRPERSON
Charles R. Bridges, MD, ScD
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Section Chief Cardiothoracic
Lexington Veterans Affairs Medical Center
Lexington, Kentucky

PROGRAM AGENDA
5:45 – 6:00 pm
Registration and Dinner

6:00 – 6:10
Welcome and Overview: The Rationale for Blood Conservation
Charles R. Bridges, MD, ScD

6:10 – 6:30
Where the Rubber Meets the Road: Current Treatment Practices for High-Risk Patients
Grayson H. Wheatley III, MD, FACS

6:30 – 6:45
Faculty Panel Discussion / Questions and Answers

6:45 – 7:05
2011 Update to the STS/SCA Blood Conservation Guidelines: What’s Changed?
Victor A. Ferraris, MD, PhD

7:05 – 7:20
Faculty Panel Discussion / Questions and Answers

7:20 – 7:40
Implementing a Comprehensive Blood Management Program
Ajay Kumar, MD, FACP, SFHM

7:40 – 7:55
Faculty Panel Discussion / Questions and Answers

7:55 – 8:00
Closing Remarks
Charles R. Bridges, MD, ScD

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CME Dinner Symposium
Philadelphia Marriott Downtown
1201 Market Street
Philadelphia, Pennsylvania
Take escalator to 3rd floor
Travel across skybridge to Liberty Ballroom A

This activity is supported by an educational grant from Baxter Healthcare.

Online registration:
www.conservingblood.com