

AMERICAN SOCIETY OF EXTRACORPOREAL TECHNOLOGY



# 17th Annual Symposium on New Advances in Blood Management

**October 1-3, 2009**

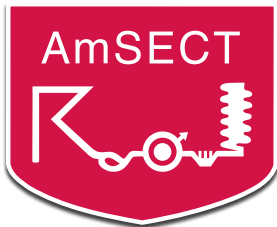
Westin Crown Center  
Kansas City, Missouri



**Visit [www.amsect.org](http://www.amsect.org)**

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# 17th Annual Symposium on New Advances in Blood Management

October 1-3, 2009 • Westin Crown Center • Kansas City, MO

The American Society of ExtraCorporeal Technology is proud to announce the 17th Annual Symposium on New Advances in Blood Management. The meeting is dedicated to presenting the latest information in the field of perioperative blood management.

Major subject areas for the meeting include the following:

- **Blood Management in Cardiac, Thoracic and Vascular Surgery**
- **Minimizing Bleeding and Allogeneic Blood Transfusion Exposure**
- **The Role of Extracorporeal Interventions in Optimizing Perfusion and the Improvement of Cardiopulmonary Bypass**
- **Advances in Coagulation Monitoring: Present and the Future**
- **Mechanisms of Reducing Inflammation During Cardiopulmonary Bypass**
- **Autologous Platelet Harvesting and its Applications**

Each session will have a minimum of three scientific sessions followed by a question and answer session. Speakers have been chosen who reflect the current state-of-the-art for all content areas and will report on both the physiological aspects of their subjects and on clinical studies. Emphasis will be placed on those interventions that have been scientifically shown, through techniques of evidenced-based medicine, to promote enhanced patient outcome.

## Faculty

**Giacomo Basadonna MD PhD**

Z-Medica Corporation  
Wallingford, Connecticut

**Carla H. Bistrick RN CCP**

Medical University of South Carolina  
Charleston, South Carolina

**Mark D. Brezzell MS CP**

Medical Affairs  
CSL Behring

**Gary Grist BS CCP RN**

Children's Mercy Hospital and Clinics  
Kansas City, Missouri

**Kelly D. Hedlund MS CCP**

Great Plains Perfusion Company  
Hays, Kansas

**Jon H. Henderson MSEE**

President  
Sienco, Inc.

**Robert D. Longenecker CCP LCP**

St. Johns Mercy Medical Center  
St. Louis, Missouri

**Mark T. Lucas MPS CCP \***

Denver Cardiovascular  
Perfusionists PC  
Denver, Colorado

**Elijah White**

Haemonetics

**Douglas Meeks**

Clinical Support Specialist  
Terumo Cardiovascular Systems

**Jeffrey B. Riley MHPE CCT CCP**

Mayo Clinic  
Rochester, Minnesota

**John G. Rivera BS MA**

Senior Therapy  
Development Manager  
Medtronic, Inc.

**K. C. Roberts MS CP PBMT**

VLI Perioperative Blood  
Management Consultants  
Marietta, Georgia

**Keith A. Samolyk CCP LCP \***

President and CEO  
Global Blood Resources LLC

**Elora K. Thorpe RN MSN**

St. Luke's Hospital of Kansas City  
Kansas City, Missouri

**Phillip A. Wagoner CCP PBMT**

St. Vincent Hospital  
Indianapolis, Indiana

**Mark Walsh MD FACEP**

Indiana School of Medicine  
Notre Dame Campus  
South Bend, Indiana

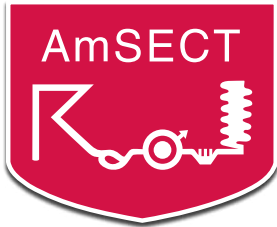
**Julie Wegner PhD CP \***

University of Arizona Medical Center  
Tucson, Arizona

**Mark Harris Yazer MD FRCPC**

The Institute for Transfusion Medicine  
University of Pittsburgh

\* NABM Organizing Committee



# 17th Annual Symposium on New Advances in Blood Management Scientific Program

THURSDAY • OCTOBER 1, 2009

12:00 n - 6:00 pm Registration

## Session I: Abstracts

Moderator – Julie Wegner PhD CP

- 1:00 pm - 1:15 pm **Welcome and Introduction**  
Mark T. Lucas MPS CCP
- 1:15 pm - 1:45 pm **Chasing the Response to Plavix: Should We Test? When and How?**  
John D. Brooks CCP
- 1:45 pm - 2:15 pm **Apples to Apples: Post Circuit Ultrafiltration**  
Jeffrey B. Riley MHPE CCT CCP
- 2:15 pm - 2:45 pm **Denver Cardiovascular Perfusionists**  
Mark T. Lucas MPS CCP
- 2:45 pm - 3:15 pm **Panel Discussion**
- 3:15 pm - 3:30 pm **Break**

## Session II: Industry Perspectives in Blood Management

Moderator – Mark T. Lucas MPS CCP

- 3:30 pm - 4:00 pm **Perspectives in Autotransfusion and Blood Management**  
Elijah White - Haemanetics
- 4:00 pm - 4:30 pm **Rethinking Blood Conservation During Cardiovascular Surgery**  
John G. Rivera BS MA - Medtronic, Inc.
- 4:30 pm - 5:00 pm **Perspectives in Autotransfusion and Blood Management**  
Douglas Meeks - Terumo Cardiovascular Systems
- 5:00 pm - 5:30 pm **Perspectives in Autotransfusion and Blood Management**  
K. C. Roberts MS CP PBMT - Sorin Group USA
- 5:30 pm - 6:00 pm **Panel Discussion**
- 6:00 pm - 8:00 pm **Opening of Exhibits and Manufacturers Reception**

7:00 am - 6:00 pm Registration

**Session III:**

**Door-to-Door Blood Management - Successful Blood Management Programs**

Moderator – Keith A. Samolyk CCP LCP

7:30 am - 8:00 am **Creating a Blood Management Team**

Elora K. Thorpe RN MSN

8:00 am - 8:30 am **Blood Management at St. Vincent Hospital, Indianapolis**

Phillip A. Wagoner CCP PBMT

8:30 am - 9:00 am **Blood Management on a Shoestring**

Elora K. Thorpe RN MSN

9:00 am - 9:30 am **Panel Discussion**

**Session IV: Issues in Developing a Blood Management Program**

Moderator – Mark T. Lucas MPS CCP

9:30 am - 10:00 am **Break with Exhibits**

10:00 am - 11:00 am **Transfusion Triggers (Non-RBC/RBC)**

Mark Harris Yazer MD FRCPC

11:00 am - 11:30 am **The Heparin Scare**

Kelly D. Hedlund MS CCP

11:30 am - 12:00 n **Panel Discussion**

12:00 n - 1:00 pm Lunch on own

**Session V: Blood Management Techniques**

Moderator – Keith A. Samolyk CCP LCP

1:00 pm - 1:30 pm **Hemodynamic Monitoring in Blood Management**

Mark T. Lucas MPS CCP

1:30 pm - 2:00 pm **Blood Management in Trauma**

Mark Walsh MD FACEP

2:00 pm - 2:30 pm **Hemobag® as a Tool in Blood Management**

Robert D. Longenecker CCP LCP

2:30 pm - 3:00 pm **Panel Discussion**

3:00 pm - 3:30 pm **Break with Exhibits**

**SESSION VI: Issues in Quality of Blood**

Moderator – Mark T. Lucas MPS CCP

3:30 pm - 4:00 pm **Quality Control Procedures in Autotransfusion**

John G. Rivera BS MA

4:00 pm - 4:30 pm **The Efficacy of Washing Allogeneic Packed Red Blood Cells (PRBCs) to Decrease Cytokines and the Systemic Inflammatory Response**

Carla H. Bistrick RN CCP

4:30 pm - 5:00 pm **The Effect of Non-washed and Washed ECMO Blood Prime on Infant Cerebral Infarcts and Creatinine Levels: A Quality Control (QC) and Quality Improvement (QI) Initiative**

Gary Grist BS CCP RN

5:00 pm - 5:30 pm **To Wash or Not to Wash? Debate**

Carla H. Bistrick RN CCP; Jeffrey B. Riley MHPE CCT CCP

5:30 pm - 6:00 pm **Panel Discussion**

## SATURDAY • OCTOBER 3, 2009

7:00 am - 2:00 pm Registration

### **Session VII: Controversies in Hemostasis**

Moderator – Julie Wegner PhD CP

- 7:00 am - 7:30 am **Angiomax Use in CPB**  
The Medicines Company
- 7:30 am - 8:00 am **New Coagulant Agents in Blood Management**  
Giacomo Basadonna MD PhD
- 8:00 am - 8:30 am **Hemobag® - Hematological Analysis**  
Keith A. Samolyk BS CCP LCP
- 8:30 am - 9:00 am **Zymogenetics**  
Zymongenetics
- 9:00 am - 9:30 am **Panel Discussion**
- 9:30 am - 10:00 am **Break with Exhibits**

### **Session VIII: Solutions and the Microcirculation**

Moderator – Mark T. Lucas MPS CCP

- 10:00 am - 10:30 am **Solutions and the Endothelium**  
Julie Wegner PhD CP
- 10:30 am - 11:00 am **Albumin**  
Mark D. Brezzell MS CP
- 11:00 am - 11:30 am **Solutions, Lymphatics and Fluid Shifts**  
Keith A. Samolyk CCP LCP
- 11:30 am - 12:00 n **Solutions, Microcirculation and Solvent Drag During Extracorporeal Support**  
Gary Grist BS CCP RN
- 12:00 n - 12:30 pm **Panel Discussion**
- 12:30 pm - 1:30 pm Lunch on own

### **SESSION IX: Monitoring Hemostasis and Other Topics**

Moderator – Julie Wegner PhD CP

- 1:30 pm - 2:00 pm **The Cell-based Model of Fibrinogen**  
Mark D. Brezzell MS CP
- 2:00 pm - 2:30 pm **Hemostasis Management with the Sonoclot Analyzer®**  
Jon H. Henderson MSEE
- 2:30 pm - 3:00 pm **Multiple Uses for the TEG in Clinical Practice**  
Jeffrey B. Riley MHPE CCT CCP
- 3:00 pm - 3:30 pm **Panel Discussion**
- 3:30 pm - 4:00 pm **Closing Remarks**  
Keith A. Samolyk BS CCP LCP