

AMERICAN SOCIETY OF EXTRACORPOREAL TECHNOLOGY



17th Annual Symposium on New Advances in Blood Management

October 1-3, 2009

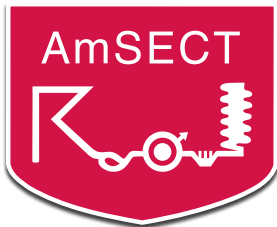
Westin Crown Center
Kansas City, Missouri



Visit www.amsect.org

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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

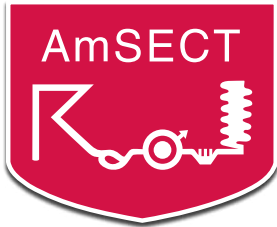
Julie Wegner PhD CP *

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