

# Scientific Agenda

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## THURSDAY, FEBRUARY 12, 2009

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8:00 AM Registration Opens

### 9:30 – 12:00 THE CARDIAC PA: WHAT WILL THE FUTURE BRING?

*Moderator: Edward C. Lopez PA-C MHA*

#### 9:30 The Case for Specialty Certification in CV Surgery: Why or Why Not?

*Edward C. Lopez PA-C MHA and  
Daniel L. McNeill PhD PA-C*

10:00 Discussion

#### 10:10 New Directions in Radial Artery and Vein Harvesting

*Albert K. Chin MD*

10:40 Discussion

#### 10:50 PANEL DISCUSSION

1. Should PAs Harvest Mammary Arteries?
2. Should PAs and CCPs Have Dual Certification?
3. How Can We Improve PA-CCP Interaction in the OR?

*Panelists: Albert K. Chin MD, Edward C. Lopez PA-C MHA, Daniel L. McNeill PhD PA-C, James J. Ramsey LCP JD, Alfred H. Stammers MSA CCP PBMT*

12:00 - 1:00 Lunch Break

### 1:00 – 3:00 PATIENT SAFETY

*Moderator: Robert C. Groom MS CCP*

#### 1:00 Human Factors and CPB

*Thoralf M. Sundt III MD*

#### 1:30 PATIENT SAFETY: Transforming an Established Perfusion Service Work Group

*Jeffrey B. Riley MHPE CCT*

#### 2:00 Congruent Dialog for Cardiac Surgery Teams

*Ross M. Ungerleider MD MBA*

#### 2:30 Discussion

3:00 Break

### 3:30 – 6:00 BULLET ABSTRACTS AND UTLEY AWARD

*Moderators: Julie A. Swain MD and Jeffrey B. Riley MHPE CCT*

A brief discussion will follow each ten-minute presentation.

#### 3:30 Immediate Extubation and Early Ambulation after Open Heart Surgery: One-Year Experience with a Veteran Population

*LILIBETH FERMIN MD and Birger E. Rhenman MD*

#### 3:45 Clinical Performance and Biocompatibility of Novel Hyaluronan-Coated Heparin-Free Extracorporeal Circuits in High-Risk Patients Undergoing Coronary Revascularization

*SERDAR GUNAYDIN MD PHD, Kevin McCusker, Tamer Sari, Ibrahim Ucar, Cemi Karabay, and Cem Yorgancioglu*

#### 4:00 A Randomized, Controlled Study of Internal Thoracic Artery Harvest with the PEAK PlasmaBlade vs. Harmonic Scalpel and Traditional Electrosurgery

*KAI A. IHNKEN MD, Steven M. Schwartz MD, Eric P. Huang MD PhD, and Joshua G. Vose MD*

#### 4:15 Post-Infarct Interventricular Septal Defect: Surgical Experience

*MAKAM NAGARAJ MBBS DNB, Dronamraju Dilip, Ravikrishnan Jayakumar, Sreeja Swamidass, Rajagopal P*

#### 4:30 Is Retrograde Cerebral Protection Obsolete?

*ROBERT J. PICOTTE CCP, Alan C. Dubey CCP, Bree D. Eppel RN CCP, Robert B. McKinlay CCP, Eileen S. Savoy CCP, Mark J. Wante CCP, Christopher L. Bianchi PA-C, and Joseph M. Arcidi MD*

#### 4:45 Age Is Not a Contraindication for Repair of Thoracic Aortic Aneurysm

*GEORGE SILVAY MD PHD, Marc Stone, Bridig Flynn, Randall Griep*

#### 5:00 High-Fidelity Simulator for Cardiopulmonary Bypass

*RICHARD D. TALLMAN PHD and Jon W. Austin*

#### 5:15 Cardiopulmonary Bypass and Cerebral Protection Management during Pulmonary Endoarterectomy: A Single-Centre Fourteen-Year Experience

*PASQUALE TOTARO MD, Antonella Degani, Vito Piscione, Marco Maurelli, Elisa Milanesi, Salvatore Nicolardi, Marco Morsolini, Andrea Maria D'Armini, Mario Viganò*

#### 5:30 Axillary Artery as Alternative Site of Cannulation for Minimally Invasive Hart-Port Assisted Mitral Valve Surgery

*PASQUALE TOTARO MD, Antonella Degani, Fausto Martinelli, Claudio Pompei, Giuseppe Zattera, Barbara Cattadori, Francesco Pagani, Alessia Alloni, Andrea Maria D'Armini, Mario Viganò*

- 5:45 **Tenth Annual Utley Award Presentation\***  
*A \$1,000 prize and commemorative sculpture will be awarded to the author of the best abstract.*

**FRIDAY, FEBRUARY 13, 2009**

7:00 AM Continental Breakfast

**7:30 – 10:00 BLOOD & BLEEDING I**

*Moderator: Julie A. Swain MD*

- 7:30 **From Experimentation to Innovation to Standard of Care: How Do We Demystify Dogma and Create Progress?**  
*Ross M. Ungerleider MD MBA*

- 8:00 **Perioperative Thrombotic Complications and the Emerging Role of Heparin-Induced Thrombocytopenia**  
*George J. Despotis MD*

- 8:30 **Hereditary and Acquired Defects that Predispose Patients to Excessive Bleeding after Cardiac Surgery**  
*George J. Despotis MD*

- 9:00 **Controlling the Crimson Tide: Intelligent Blood Management**  
*Robert C. Groom MS CCP*

9:30 Discussion

10:00 Break and Exhibits Open

**10:45 – 12:30 NEUROLOGICAL & END-ORGAN FUNCTION**

*Moderator: Robert C. Groom MS CCP*

- 10:45 **CPB as Sailing: All Hands on Deck**  
*Christina T. Mora-Mangano MD*

- 11:15 **Mechanical Circulatory Support**  
*Richard J. Shemin MD*

- 11:45 **Brain Function and CPB**  
*Guy M. McKhann MD*

12:15 Discussion

12:30 – 1:45 Lunch Break in Exhibit Hall

**1:45 – 3:30 BLOOD & BLEEDING II**

*Moderator: Christina T. Mora-Mangano MD*

- 1:45 **Predictive Value of Changes in Serum Creatinine and Transfusion after Cardiac Surgery**  
*Jeremiah R. Brown PhD*

- 2:15 **The Antifibrinolytic Saga: Lessons and Questions**  
*Dennis T. Mangano MD PhD*

- 2:45 **Evidence: The Construct & Interpretation of Clinical Trials in Surgery**  
*Dennis T. Mangano MD PhD*

3:15 Discussion

3:30 – 4:00 Break and Exhibits

**4:00 – 5:00 FIRESIDE CHATS**

**1: Mechanical Circulatory Support**

*Moderators: Richard J. Shemin MD, Julie A. Swain MD, and Ross M. Ungerleider MD MBA*

LOCATION: DEL MAR ROOM (SOUTH TOWER, 3RD FL)

**2: Pharmacological Support in the Peri-Bypass Period**

*Moderators: Christina T. Mora-Mangano MD and Robert C. Groom MS CCP*

LOCATION: CARDIFF ROOM (SOUTH TOWER, 3RD FL)

**3. Blood and More Blood**

*Moderators: Hamid Darban PhD CCP, George J. Despotis MD, Dennis T. Mangano MD, and Alfred H. Stammers MSA CCP PBMT*

LOCATION: MISSION HILLS ROOM (SOUTH TOWER, 3RD FL)

**4: Expanding the Scope of the PA/CCP Practice: The Cardiac Health Specialist of the Future**

*Moderators: Edward C. Lopez PA-C MHA, Jeffrey B. Riley MHPE CCT*

LOCATION: BOARD ROOM (SOUTH TOWER, 3RD FL)

**SATURDAY, FEBRUARY 14, 2009**

7:00 AM Continental Breakfast

**7:30 – 9:15 IMPROVING OUTCOMES: THE PERFUSIONIST'S ROLE**

*Moderator: Jennifer K. White MD*

- 7:30 **The Role of Perfusion in Off-Pump CABG**  
*Michael J. Mack MD*

- 8:00 **Perfusion Considerations in New Technology**  
*Michael J. Mack MD*
- 8:30 **The Reduction of Clinical Variability by Attention to Detail, Self-Reflection, and a Little Mathematics**  
*Alfred H. Stammers MSA CCP PBMT*
- 9:00 **Discussion**
- 9:15 Break and Exhibits
- 10:00 – 11:15 BASIC SCIENCE**  
*Moderator: Alfred H. Stammers MSA CCP PBMT*
- 10:00 **Systematic Review from the ICEBP Perfusion Guidelines Committee on Anti-Inflammatory Agents Plus a Meta-Analysis on the Anti-Inflammatory Effects of Aprotinin**  
*Jeremiah R. Brown PhD*
- 10:30 **The Evolution of Heart Valves: What's Old and What's New?**  
*Jennifer K. White MD*
- 11:00 **Discussion**
- 11:15 – 12:00 KEYNOTE PRESENTATION**  
*Moderator: Julie A. Swain MD*
- Surgery and Medical Care in War Time**  
*LCDR Michael Tiller MD*
- 12:00 – 1:00 Lunch Break and Exhibits
- 1:00 – 3:00 MINI-SYMPOSIA AND HANDS-ON DEMONSTRATIONS\***  
*Each 45-minute workshop runs concurrently and will repeat once after a 15-minute break. Attendees may choose to attend two of the following:*
- 1. Cerebral Oximetry**  
*Presented by Somanetics*  
LOCATION: RANCHO LAS PALMAS ROOM (SOUTH TOWER, 4TH FL)
  - 2. Clinical Perfusion of the Future**  
*Presented by Terumo Medical*  
LOCATION: SOLANA ROOM (SOUTH TOWER, 1ST FL)
  - 3. Data Management**  
*Presented by MAQUET*  
LOCATION: CORONADO ROOM (SOUTH TOWER, 4TH FL)

- 4. Data Management**  
*Presented by Sorin Group*  
LOCATION: POINT LOMA ROOM (SOUTH TOWER, 1ST FL)
  - 5. Myocardial Protection**  
*Presented by Quest*  
LOCATION: LEUCADIA ROOM (SOUTH TOWER, 1ST FL)
  - 6. A Multimodal Approach to Minimally Invasive Perfusion**  
*Presented by Medtronic*  
LOCATION: TORRANCE ROOM (SOUTH TOWER, 4TH FL)
- 1:30 Exhibits dismantle

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**SUNDAY, FEBRUARY 15, 2009**

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- 7:00 AM Continental Breakfast
- 7:30 – 9:15 PERFUSION ISSUES FOR U.S. AND INTERNATIONAL PRACTICE**  
*Moderator: Julie A. Swain MD*
- 7:30 **Acid-Base Challenges: "Shift Happens"**  
*Hamid Darban PhD CCP*
- 8:00 **Perfusion Exams: The Perioperative Blood Management Technologist (PBMT) Exam**  
*Jeffrey B. Riley MHPE CCT*
- 8:30 **Malpractice Update: Working within Your Scope of Practice**  
*James J. Ramsey LCP JD*
- 9:00 **Panel Discussion**
- 9:30 Break
- 10:00 – 12:00 CHALLENGING CASES**  
*Moderators: Hamid Darban PhD CCP, Robert C. Groom MS CCP, James J. Ramsey LCP JD, Jeffrey B. Riley MHPE CCT, Alfred H. Stammers MSA CCP PBMT, Julie A. Swain MD*
- 12:00 Adjourn

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\*(CME credit not available for this session)