



The  
**Academy**  
**NEWSLETTER**

THE AMERICAN ACADEMY  
OF  
CARDIOVASCULAR PERFUSION  
515A EAST MAIN STREET  
ANNVILLE, PA 17003  
(717) 867-1485 PHONE OR FAX  
OFFICEAACP@AOL.COM  
HTTP://WWW.THEAACP.COM

**WINTER 2010**

**Editor**

David Palanzo  
Annville, PA

**Contributing Editors**

Tom Frazier  
Nashville,  
TN

Kelly Hedlund  
Hays, KS

**Inside This Issue**

**32nd Annual Seminar** 2

**Papers Presented** 4

**Our Host Hotel** 5

**Activities** 6

**Dining** 7

**Sponsoring Partner** 9

**Pre-Registration  
Form** 12

**Video Presentations** 13

**Important Dates** 14

**Sponsoring Members** 14

## 2011 Academy Meeting

### *Not just the filling of a pail, but the lighting of a fire!*

As the year draws to a close what better way to prepare for the new but by planning on attending the 32<sup>nd</sup> Annual Meeting of the American Academy of Cardiovascular Perfusion scheduled for Reno, Nevada on January 27-30, 2011?

As always, the upcoming seminar has been designed to meet (and hopefully exceed) your educational expectations. In fact, the 2011 seminar is jammed with content ... including our signature Fireside Chats which give you the ability to "customize" your meeting by selecting from 19 distinct small group sessions on topics in pediatrics, ECMO, VADs, Hemostasis, Simulation, Human Error, the Future of Perfusion, to name a few! Anchoring the meeting on Friday and Saturday will be two special panels on safety featuring dynamic speakers from both within our profession (Bruce Searles, Mark Kurusz, Daniel FitzGerald) as well as experts outside perfusion (Dr. Spiess, Dr. Howard, and Dr. Friday). We are honored to have Sachin Talwar as our 2011 Charles Reed Memorial Lecturer. Dr. Talwar is an Associate Professor in the Department of Cardiothoracic and Vascular Surgery at All India Institute of Medical Sciences, New Delhi, India. The Scientific Sessions fill out the conference with peer-reviewed abstracts of fresh research, interesting case reports and new techniques.

There is so much more including our Thursday night Sponsor's Hands-On Workshop & Reception and for our students, we are offering free registration, a students only Fireside Chat and designated opportunities to meet with each other and network with the leaders in the profession!

The Academy is an organization that is focused toward the single goal of education. The goal will certainly be met in 2011 through the content listed above.

For me, however, I am not only excited about the wonderful programming, but also the chance to, once again, come with people who share my love and passion for our great profession and the people in it. The poet William Butler Yeats said *"Education is Not the Filling of a Pail, but the Lighting of a Fire"*. The meeting content fills the pail, but without the relationships that we have with each other, our passion for the advancement of the profession, and our desire to help each other find success, our well intentioned educational pursuits would be cold and lifeless. For me, the Academy seminar for me, has always energized and re-fueled my enthusiasm for what we do! It is the people in the Academy who inspire me to go the extra mile, to press-on and keep learning!

Finally, I wish to thank you all for making the Academy what it is today and I hope that each of you has a joyous and safe holiday season!

I hope to see you in Reno!

Edward Darling, MS, CCP  
President, AACP

# 32<sup>nd</sup> Annual Seminar of The American Academy of Cardiovascular Perfusion

Grand Sierra Resort and Casino

Reno, Nevada

January 27-30, 2011

## Thursday, January 27, 2011

9:00 AM – 1:00 PM	Council Meeting
10:00 AM – 3:00 PM	REGISTRATION
2:30 PM – 4:30 PM	Fireside Chats <i>Perfusion safety and culture, crisis preparation, accidents and errors</i> <i>Managing a perfusion department</i> <i>ECMO, what's new, what's hot and what's not</i> <i>Perfusion simulation</i> <i>Perfusion oncology, peritoneal, thorax, limb and more</i>
5:00 PM – 7:00 PM	REGISTRATION
5:00 PM	Opening Business Meeting <i>Fellow, Member, Senior and Honorary Members</i>
5:30 PM – 8:00 PM	Sponsor's Hands-On Workshop & Reception

## Friday, January 28, 2011

7:00 AM	REGISTRATION
8:00 AM – 9:30 AM	Scientific Session
9:30 AM – 10:00 AM	Break
10:00 AM – 11:30 PM	Scientific Session
11:30 PM – 1:00 PM	Lunch
1:00 PM – 3:30 PM	Special Scientific Session (Panel) <b>Perfusion Safety (Part I)</b> Moderator: Jeffrey B. Riley, CCP  <i>Perfusion Safety: Taking Personal Responsibility</i> Daniel FitzGerald, CCP <i>The Effects of Sleepiness and Fatigue in Medical Personnel</i> Dr. Steven Howard <i>The Role of Simulation in Training Perfusionists to Manage High Risk, Low Frequency Events</i> Bruce Searles, CCP
3:30 PM – 5:30 PM	Fireside Chats <i>Cutting edge pediatrics, are we there?</i> <i>Computer assisted bypass and automated electronic records</i> <i>Hemostasis management and blood conservation strategies</i> <i>Future of perfusion</i> <i>Mechanical assist (VADs)</i>
6:30 PM	Induction Dinner <i>Fellow, Senior, Honorary Members &amp; Guests</i>

**Saturday, January 29, 2011**

7:00 AM REGISTRATION  
 8:00 AM – 9:30 AM Scientific Session  
 9:30 AM – 10:00 AM Break  
 10:00 AM – 11:30 PM Memorial Session  
     Update on the ABCP Certification Process  
     *Gregory A. Mork, CCP, President, ABCP*

Charles C. Reed Memorial Lecture  
*Pediatric perfusion in developing countries: status, challenges and cost containment*  
*Dr. Sachin Talwar - New Delhi, India*

Thomas G. Wharton Memorial Lecture  
*Edward Darling, MS, CCP, President, AACCP*

11:30 PM – 1:00 PM Lunch  
 1:00 PM – 3:30 PM Special Scientific Session (Panel)  
     **Perfusion Safety (Part II)**  
     Moderator: David Palanzo, CCP

*Reducing Human Error Through the Flawless Operative Cardiovascular Unified Systems (FOCUS) Initiative*  
 Dr. Bruce Spiess  
*Master-Minding the Monster*  
 Dr. Paul Friday  
*Perfusion and Medico-Legal Proceedings*  
 Mark Kurusz, CCP

3:30 PM – 5:30 PM Fireside Chats  
*Aortic surgery, approaches, techniques and pitfalls*  
*Myocardial protection, techniques, devices, formulas and strategies*  
*Perfusion in the hybrid OR and beyond, less or more invasive?*  
*Perfusion safety and culture, crisis preparation, accidents and errors*  
*Student perfusionist forum (Students Only)*

**Sunday, January 30, 2011**

8:00 AM – 10:00 AM Scientific Session  
 10:00 AM – 12:00 PM Fireside Chats  
     *Cutting edge pediatrics, are we there?*  
     *Future of perfusion, chat with the manufacturers*  
     *Hemostasis management and blood conservation strategies*  
     *The business of perfusion*

12:30PM Closing Business Meeting  
     *Fellow, Senior and Honorary Members Only*

*Lunch on Friday and Saturday will be provided. You will be on your own for breakfasts .*

## Scientific Papers to be Presented at the 32nd Annual Seminar

- The Successful Use Of Cardiopulmonary Support For A Transected Bronchus  
*Joshua L. Walker, John Wiersch, Cherie Benson, Haven A. Young, Daniel T. Dearmond, Scott B. Johnson*
- 2010 Survey Of Cell Phone Use During Cardiopulmonary Bypass  
*Trevor Smith, Bruce Searles, Edward Darling*
- Modified Extracorporeal Circuit For Simultaneous Upper Body Cold Perfusion and Lower Body Warm Perfusion for Total Aortic Arch Replacement - A Case Study  
*Philip Fernandes, Rick Mayer, Corey Adams, Michael W. Chu*
- Emergency Management Of Both Oxygenator And Pump Failure In A 38-Year-Old Patient Undergoing A Bentall Procedure  
*Nicole Tomasello, Edward Darling, Bruce Searles*
- Can Minimized Cardiopulmonary Bypass Systems Be Safer?  
*Yuri M Ganushchak, EE Ševerdija, AP Simons, L van Garsse, PW Weerwind*
- Development and Construction of the Real Patient Simulator System  
*Richard Chan, Cheng T. Sun*
- ExVivo Lung Perfusion Successful in Rendering Un-Transplantable Lungs Worthy for Transplantation  
*Krysta Gleeson, Linda Mongero, Joseph Costa, Richard Chan*
- Carboxyhemoglobinemia in a Pediatric Cardiac Surgery Patient Derived From a Contaminated Unit of Allogenic Blood  
*Craig McRobb*
- Long Term Use of the Centrimag Ventricular Assist System as a Right Ventricular Assist System: A Case Report  
*Kevin Griffith, Eric Jenkins, Francis Pagani*
- Fatigue And Extended Work Hours Among Perfusionists: 2010 Survey  
*Ashleigh Trew, Bruce Searles, Edward Darling*
- Beating Heart Coronary Artery Bypass Grafting With Miniaturized Extracorporeal Circulation Versus Off Pump Grafting In High Risk Patients  
*Serdar Gunaydin, Halil Ibrahim Ucar, Tanzer Serter, Bahadir Daglar, Ali Cem Yorgancioglu*
- Method To Shortening Ischemic Time During Total Aortic Arch Replacement, Use Of A Carotid- Subclavian Graft. A Case Report  
*James Beck, Linda Mongero, Mihal Varsami, Daniel Riley, Allan Stewart*
- Ninety minutes and longer: Single dose myocardial protection technique utilizing the del Nido cardioplegia solution for myocardial protection during congenital heart surgery procedures.  
*Kevin Charette, Jan Quaegebeur, Jonathan Chen, Rabin Gerrah, Rozelle Corda, Linfang Li, Dan Riley, Emile Bacha*
- Laser assisted lead extraction in cardiac surgery– a single center experience and the role of the perfusionist  
*Perthel M, Kraatz E*
- Factors Contributing To Burnout Among Perfusionists In The United States  
*Jessica Bui, Jeffrey Acsell, Ashley Hodge*
- Customized Cardiopulmonary Bypass: Matching The Circuit To The Patient  
*Kenneth G. Shann, Nicholas B. Mellas*
- Veno-Arterial ECMO For The Septic Adolescent: A Novel Strategy For Arterial Access  
*Kenneth G. Shann, James S. Killinger, David A. D'Alessandro, Nicholas B. Mellas*
- A Low Prime Recirculating Cardioplegia Circuit And Use Of A Single Dose Cardioplegia Solution In Pediatrics  
*Richard Ginther Jr, Ronald Gorney*
- Successful Use Of Multiple Extracorporeal Strategies In A 42-Year-Old Post-Partum Woman With Idiopathic Coronary Dissection  
*Robert Brown, Ian Shearer*
- Case report: The use of zero balance ultrafiltration to correct acute metabolic acidosis after prolonged hypothermic circulatory arrest  
*Stephanie Mick, Michael J. Davidson, Daniel J. FitzGerald*

## Our 2011 Host Hotel



### *Grand Sierra Resort and Casino Reno, Nevada*

Luxury Summit Accommodations  
\$99.00 Single/Double Occupancy

*(\$10 daily resort fee allows you access to the health club, free valet parking, airport shuttle to the Reno-Tahoe International Airport, free local phone calls, wireless internet and two bottles of Fiji water.)*

Reservations: 800-501-2651

*Remember when making reservations to mention that you will be attending the AACP Meeting.*

[www.grandsierraresort.com](http://www.grandsierraresort.com)

### **Amenities**

#### **Services**

- Arcade/game room
- ATM/banking
- Breakfast available (surcharge)
- Currency exchange
- Express check-out
- Fitness facilities
- Full-service health spa
- Hair salon
- Health club
- Internet access in public areas - complimentary
- Internet access - wireless
- Laundry facilities
- Limo or Town Car service available
- Multilingual staff
- Nightclub
- Parking (valet)
- Safe-deposit box - front desk
- Shoe shine
- Ski storage
- Spa services on site
- Spa tub
- Supervised child care/activities

#### **Rooms (all rooms include)**

- Air conditioning
- Cable/satellite television channels
- Climate control
- Clock radio
- Coffee/tea maker
- Cribs (infant beds) available
- Desk
- Hair dryer
- Housekeeping
- Iron/ironing board
- Pay movies
- Phone
- Rollaway beds
- Turndown service
- Voice mail
- Wake-up calls
- Wired high-speed Internet access (surcharge)
- Wireless high-speed Internet access (complimentary)



## Activities at the Grand Sierra Resort

### Shopping

With nearly 21 fashionable boutiques, the Grand Sierra Resort offers guests superb shopping options. Our collection of stores showcases some of the most unique styles in all of Reno, as well as conventional convenience stores. Don't waste time double-checking your suitcase — you can find almost anything right here.

### Bowling

Our hotel guests don't have to go far for the best bowling in Reno. Our state-of-the-art 50-lane bowling center offers inexpensive fun for the whole family and a perfect place to host birthday parties or corporate events. Friday and Saturday nights we have glow in the dark party bowling. Our bowling center comes complete with a pro-shop, snackbar and lounge.

### Ultimate Rush Thrill Park

For you dare devils, we have a thrill ride that combines sky diving, bungee jumping and hang-gliding all into one amazing ride and also the Sling Shot where passengers experience 4 Gs as they are hurled into space at over 70 mph! Plan a day of fun and heart pounding action at Reno's only Speed and Thrill Park.

### Fun Quest

Fun Quest may be the largest video arcade your family will ever see. Located on the lower level of the Grand Sierra Resort, Fun Quest includes over 40,000 sq ft of games and attractions. The arcade features over \$1,000,000 in the latest video and redemption games and 6,000 sq ft of exciting Laser Tag space. We have private party rooms to host birthdays and we've just finished installing the latest video games and a brand new, soft playground.

### Grand Sierra Cinema

For only \$3 per person, bring the whole family to see Hollywood box office hits on the big screen while not breaking the bank. Our cinema is a unique experience with a full-service snack bar and comfortable seating, including traditional love seats, while being surrounded by top-quality digital audio and visual equipment.

### Go Karts

Start revving up those engines and put the pedal to the metal on our professionally designed go-kart track. You have the choice of racing on the Oval Track, Slick Track or the popular Road Course. The karts are fast and fun, so buckle up and find out who's the fastest in your family or group of friends.

### Miniature Golf

Our 18-hole miniature golf course is challenging and offers a fun experience for even our youngest players. Putt your way around trees, streams, waterfalls and fun obstacles. The miniature golf course is open day and night and is fun for the entire family.

### Indoor Golf

Enjoy the championship courses the pros play — Pebble Beach®, Kapalua, Harbour Town and Pinehurst, without having to worry about keeping up with Tiger Woods. Our virtual indoor golf

courses allow you to play simulated courses using real woods and irons. Play year round golf right here in Reno.

### **Driving Range**

Hotel guests and the public can enjoy our on-property golf driving range. However, this is no ordinary driving range. Golfers take aim at four floating island greens out over the waters of Grand Sierra Bay. Golfers good enough to land a hole-in-one are rewarded with prizes. Lessons are available.

## **Dining at the Grand Sierra Resort**

With ten of Reno's best restaurants under one roof, the Grand Sierra Resort offers superb dining to fit every taste. From an upscale steakhouse to family friendly restaurants and convenient dining for hotel guest on the go, these are Reno's finest restaurants.

### **FINE DINING**

With three of Reno's finest restaurants under one roof, the Grand Sierra Resort offers superb dining to fit every taste. Whether you're looking for the elegant tableside service of a truly gourmet steakhouse, seafood or outstanding Italian food, you'll find just what you're looking for at the Grand Sierra Resort. We're the only Charlie Palmer restaurants in Reno, Nevada.

### **RIM - A PALAIS DE JADE BISTRO**

A Pan-Asian bistro created by Joe Wong and Long Liou, co-owners of Palais de Jade. The menu will feature specialties from China, Japan, Korea, Thailand and Vietnam. Opening night is Thursday, May 27. More details coming soon!

### **CHARLIE PALMER STEAK**

Reno's first celebrity chef, Charlie Palmer, brings his inventive and world-famous dining experience to Grand Sierra Resort. Charlie Palmer's philosophy; "To me, a steakhouse is more than just meat. It's another American big idea—generous portions, robust flavors, bold wines."

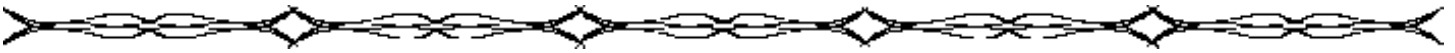
### **BRISCOLA**

Charlie Palmer has opened his modern Italian restaurant, Briscola at Grand Sierra Resort. Guest can enjoy a delicious selection of antipasti, fresh pasta, veal, chicken and meat dishes, at affordable family prices. Stop in today for a taste of Italy! Reno's newest restaurant is now open!

### **FIN FISH**

Palmer extends his turf to the surf in a sleek seafood restaurant with premium raw bar and simply presented seafood specialties. Probably the best seafood restaurant in Reno, Nevada.

*Continued on Page 8*



Continued from Page 7

## **CASUAL DINING**

Meetings run long. Families have activities. Gaming tables become exceptionally hot. Whatever the reason, sometimes you don't have time for a three-course meal. Fortunately, there are several choices for you at Grand Sierra Resort. From our International buffet served at The Lodge to the delicious pizza at Round Table, there's something for everyone.

## **RENO FAMILY STYLE RESTAURANTS**

Casual dining is key at Grand Sierra Resort. With seven conveniently located restaurants we offer our guests a fantastic casual dining experience. From The Lodge buffet to our 24 hour coffee shop, Round Table Pizza and Johnny Rockets, you'll always find exactly what you're looking for. For quicker fare we offer 2nd Street Express, Starbucks Coffee and Port of Subs. With all of these Reno restaurants under one roof we're the best place to bring your family for a casual meal.

### **THE LODGE**

The Lodge is Reno's best buffet featuring a cozy atmosphere, international food stations and a spectacular dessert bar filled with cookies, cakes, and pies. The Lodge Buffet is open 7 days a week.

### **2ND STREET EXPRESS**

Located right off our lobby, this deli-style cafe serves fresh coffee and pastries, hand-made grilled paninis, hotdogs and a wide assortment of desserts and drinks. 2nd Street Express is open 24 hours, 7 days a week. You won't find a better place to grab a quick bite to eat.

### **CAFÉ SIERRA**

Located right off the casino floor, Café Sierra is Reno's coffee shop, serving a variety of comfort foods throughout the day. Comp Plus+ card members can enjoy daily specials throughout the menu.

### **STARBUCKS**

If you're looking for the best cup of coffee in town then go no further. Enjoy your Starbucks with a daily paper or while you're working on your laptop.

### **JOHNNY ROCKETS**

This 50's style diner is always serving the best burgers and fries in Reno. Top it off with a delicious malt or shake and let the good times roll.

### **PORT OF SUBS**

Fresh to order sandwiches are prepared right in front of you. Port of Subs also offers breakfast & hot sandwiches, fresh salads, and an extensive line of deli trays and desserts.

### **ROUND TABLE PIZZA**

This relaxed restaurant chain offers an affordable variety of thin and thick crust pizzas, all available with a multitude of toppings, as well as a sampling of Italian favorites. Join us for our daily lunch buffet for only \$6.99.



All  
About our  
Corporate

Partners

 **SORIN GROUP**  
AT THE HEART OF MEDICAL TECHNOLOGY

## What is Your Total Systems Approach?



Blood Management. Blood Conservation. Bloodless Surgery. Call it what you want, but most definitions are closely related and largely the same. Let's keep it simple. Webster defines conservation as the act or practice of conserving; protection from damage, loss, or waste and adds that it is the official care of natural resources.<sup>1</sup> Blood is a patient's own natural resource and it belongs to them. Clinicians, especially perfusionists, perform their best to manage and conserve blood at many levels. But sometimes, we all could use a little assistance in continuously improving our approach.

There is no one magical silver bullet, device, piece of software, process, or consultant to conserve or manage blood. In a review of the syllabuses from the past three AmSECT Symposia on New Advances in Blood Management, a multimodal approach is a common theme to conserving and managing blood. This means using all of the human, device, and strategy resources

available to reduce and possibly eliminate the need for the one thing we never want a loved one to receive, a transfusion.

The literature available today is irrefutable on the risks of RBC transfusions. J. Rawn, author of "The Silent Risks of Blood Transfusion" wrote in Current Opinion Anaesthesiology, October 2008 that renal damage, infections, and the ultimate cost, increased morbidity are the most commonly cited problems. As transfusions increase, so do the risks.<sup>2</sup> In addition to the patient and outcomes concern, the financial impact is under deeper scrutiny given today's healthcare situation. Ron Winslow wrote in the October 19, 2010 edition of the Wall Street Journal in the Health and Wellness section an article titled, "An Overused Step in Heart Surgery."<sup>3</sup> The article states that more than half of open-heart surgery patients receive blood transfusions and mentions two studies from the Journal of American Medical Association claiming

*Continued on Page 10*

*Continued from Page 9*

that many of the transfusions provide little benefit.

Given these facts, consider the costs of transfusion in the United States. "Hospitals spend an estimated \$25 billion to buy, process, and transfuse about 30 million units a year" said Laura Landro in the October 29, 2008 edition of the Wall Street Journal.<sup>4</sup> That equates to an average of \$833 per non-specific unit. Many estimates appear in the literature debating the real costs of transfused blood products. Some use simple costs of acquisition, activity based costing, as well as sophisti-

cated formulas yielding a range from \$200 to \$2,000 for a single unit of RBC. Using the WSJ estimated cost of \$833 and assuming this for RBCs, consider the chart below depicting the total cost of transfused RBCs in various sized U.S. hospitals today, given multiple scenarios of average units transfused. These figures reflect potential savings just for RBCs. When you consider the costs of all of the other blood products, LOS, infection, and other medical attention, real savings exists with just an RBC focus.

		Cost to hospital given average number of units transfused				
CPB Procedures in example hospital annually	# of procedures receiving RBC TX at 50% rate	1	2	3	4	5
100	50	\$41,650	\$83,300	\$124,950	\$166,600	\$208,250
200	100	\$83,300	\$166,600	\$249,900	\$333,200	\$416,500
300	150	\$124,950	\$249,900	\$374,850	\$499,800	\$624,750
400	200	\$166,600	\$333,200	\$499,800	\$666,400	\$833,000
500	250	\$208,250	\$416,500	\$624,750	\$833,000	\$1,041,250
1000	500	\$416,500	\$833,000	\$1,249,500	\$1,666,000	\$2,082,500
Assumptions:						
1) 50% RBC TX rate						
2) cost of one unit of RBC's = \$833 (WSJ)						

As the table indicates, the potential RBC savings alone can pay for many approaches. Therefore, what is your total systems approach to conserve or avoid the damage, waste, and loss to blood as it applies to patient outcomes or hospital budgets? A total systems approach should include three different segments; material, man and method.

Sorin Cardiopulmonary is very accomplished at assisting Perfusionists in a Total Systems Approach to include materials, man, and methods. Perfusionists are often referred to as master electricians, plumbers, blood handling/knowledge experts, and engineers of the cardiac arena and love the materials



and tangible tools of their trade. Perfusionists know how to build their best circuit to protect their patient and conserve blood. With the choice of non-heparin coated devices with materials such as **Phisio** from Sorin Group, the inflammatory response to foreign surfaces is reduced. Perfusion circuits are built with the shortest line lengths and integrate centrifugal pumps like the **Revolution** to reduce hemodilution and damage to blood due to reduced shear while providing additional safety. Sorin Group has always been innovative and has offered more choices of oxygenators like the **PrimO2x** and **Apex HP** to fit your patient's needs. These oxygenators provide solutions in reduced surface area and priming volume without compromising gas transfer performance. All Sorin Group oxygenators use a similar design which maximizes the blood path length through the oxygenator, resulting in more opportunity for blood to be in close contact with the hollow fibers, reducing foreign surface area and shear stress. These oxygenator choices work in harmony with the industry leading **S5 HLM** paired with the **Data Management System**.

Perfusionists know the benefits of retrograde and antegrade autologous priming with creative designs in tubing sets. As the industry's first manufacturer to provide custom tubing sets, Sorin Group continues to offer manpower and methods via our field based, Clinical Specialist's team to assist perfusionists in designing their circuits.



They can design your circuit with you while showing you the impact of your different designs with priming calculation software. Additionally, a Perioperative Autologous Blood Transfusion Therapy class is available with CEU's where a Sorin Group Clinical Specialist performs training for your entire staff, at your facility. For your autotransfusion needs, the innovative **BRAT2 w/Critline** and the **Electa Essential Concept** equipment choices are available as well as something XTRA™ in 2011.

The quest is never complete in providing the best medical care. Continuous improvement is the goal. Zelinka, et.al. discussed in JECT, 2010 that "the perfusionist's role in blood transfusion reduction is essential and changes (can be) achieved without difficulty and without additional cost."<sup>5</sup> Organizations like SABM, AABB, and AmSECT offer online resources and educational meetings providing ideas to map your intelligent blood conservation strategy.

In order to meet today's healthcare challenges and financial pressures; Sorin Group is ready to assist the perfusion community with innovative products and teamwork. As your vendor partner in perfusion care, Sorin Group is committed to be a part of your multi-modality approach to blood conservation.

#### References:

1. Webster's New World Dictionary of the American Language, 2<sup>nd</sup> College Edition, Simon and Schuster, 1984, p. 302.
2. Rawn, J. "The Silent Risks of Blood Transfusion." Current Opinion Anaesthesiology. 2008 October; 21(5): 664 – 668.
3. Winslow R. "An Overused Step in Heart Surgery." The Wall Street Journal, Health & Wellness, October 19, 2010; D3.
4. Landro L. "Hospitals Seek To Limit Use Of Transfusions." The Wall Street Journal, Personal Finance, Personal Journal, October 29, 2008; D1-2.
5. Zelinka ES, Brevig J, McDonald J, Jin R, "The Perfusionist's Role in a Collaborative Multidisciplinary Approach to Blood Transfusion Reduction in Cardiac Surgery." Journal of ExtraCorporeal Technology. 2010; 42:45-51.



**PRE-REGISTRATION FORM**  
The 2011 Annual Meeting of  
The American Academy of Cardiovascular Perfusion



<b>MEMBER</b> Registration Fee 2011 Annual Dues Adult Guest to Workshop	<b>FEE</b> \$330.00 \$145.00 \$25.00	<b>Amount</b> _____ _____ _____	<b>FIRESIDE CHAT REGISTRATION</b> (make your first three choices each day) <b>Thursday Sessions</b> 1) _____ 2) _____ 3) _____  <b>Friday Sessions</b> 1) _____ 2) _____ 3) _____  <b>Saturday Sessions</b> 1) _____ 2) _____ 3) _____  <b>Sunday Sessions</b> 1) _____ 2) _____ 3) _____  Choices will be assigned in the order they are received. Each Fireside Chat is limited to 30 attendees per session each day.
<b>NON-MEMBER</b> Registration Fee Adult Guest to Workshop	<b>FEE</b> \$380.00 \$25.00	<b>Amount</b> _____ _____	
<b>STUDENT PERFUSIONIST</b> Registration Fee Adult Guest to Workshop <i>*MUST include a letter from the school director with registration.</i>  <i>To take advantage of the Student rate of \$30.00, you must be a current Student Member of The Academy.</i>	<b>FEE</b> \$30.00* \$25.00	<b>Amount</b> _____ _____	
<b>FELLOW or SENIOR MEMBER</b> Registration Fee 2011 Annual Dues Guest to Induction Dinner Adult Guest to Workshop	<b>FEE</b> \$400.00 \$170.00 \$100.00 \$25.00	<b>Amount</b> _____ _____ _____ _____	

PRINT OR TYPE

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

HOME PHONE \_\_\_\_\_ WORK PHONE \_\_\_\_\_ FAX \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_ (Required for confirmation)

ANTICIPATED ARRIVAL DATE IN RENO \_\_\_\_\_

**Please read all instructions and information before completing this form.**

If you have questions completing this form, please call the national office. Hotel Reservations must be made separately through the hotel directly.

Total Amount of Payment \$ \_\_\_\_\_ METHOD OF PAYMENT: Check\*\* \_\_\_ Money Order \_\_\_ Credit Card \_\_\_

VISA/MasterCard # \_\_\_\_\_ Exp. Date \_\_\_\_\_ 3-digit security code \_\_\_ \_

*Credit card billing address if different from above.*

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Signature \_\_\_\_\_

\*\* There will be a \$25.00 service charge for any check returned for insufficient funds.

## **INSTRUCTIONS and INFORMATION**

o Complete each appropriate section of this form by printing or typing.

This form may be copied, but must include both pages.

o Members must pay their 2011 Annual Dues along with their registration fees by completing that portion of the form.

o You will receive acknowledgment of your pre-registration by January 15, 2011--bring it with you to the meeting.

o No pre-registration will be processed after January 5, 2011.

-- **After this date you must register at the meeting.**

o Your receipt and meeting credentials will be available for you at the Pre-Registration desk at the meeting.

o There will be **NO ADMISSION to any Fireside Chat without proper admission credentials.**

o If you are joining The Academy with your registration you must:

1) complete appropriate areas of the form;

2) you **MUST INCLUDE** the membership application form;

3) include the \$25 filing fee;

4) include \$145 for the 2011 Annual Dues;

(Your membership begins with the closing business meeting)

o ONLY VISA/MasterCard credit cards are accepted - with VISA/MasterCard you may FAX your registration to (717) 867-1485

o The AACP Federal Tax ID Number: 63-0776991 (for hospital use only)

o Refund policy: Anyone that is pre-registered for this meeting and is unable to attend will receive a full refund minus \$50.00 for handling, mailing, and processing upon written request before January 12, 2011.

o **Make checks payable to AACP (US dollars). Mail completed pre-registration form and check to:**

**AACP**

**515A East Main Street**

**Annville, PA 17003**

**IF YOU HAVE QUESTIONS FILLING OUT THIS FORM, PLEASE CONTACT THE NATIONAL OFFICE (717) 867-1485.**

o If paying by VISA/MasterCard you may FAX this form to (717) 867-1485 or mail to above address.

## **Call for Video Presentations for the Annual 2011 Meeting**

This year the American Academy is preparing a Video Session for all Perfusionists to share their techniques with others at our National Symposium which will be held in Reno, Nevada on January 27-30, 2011. The video presentations will be available to view for the entire meeting. You will be able to spend time reviewing each video at your leisure and we will provide USB output to download the video presentations, as well as policy or procedure materials provided by authors for you to take back and share with your perfusion teams at no extra charge.

Guidelines for production are listed on the AACP website. An example video is available on the website as well. We are very pleased to add this teaching tool to our annual meeting.

It is very important for all Perfusionists to share their shortcuts, new techniques, special procedures, oxygenator change-outs, and other various skilled maneuvers that may enable others to gain experience from a video series.

Thank you in advance and we look forward to this exchange of Perfusion Techniques from your hospital in video form.

[www.theAACP.com](http://www.theAACP.com)



# Important Academy Dates

## The ACADEMY ANNUAL MEETING DEADLINES

<b>ABSTRACT DEADLINE</b>	<b>October 15, 2010</b>
<b>MEMBERSHIP DEADLINE</b>	<b>November 27, 2010</b>
<b>PRE-REGISTRATION</b>	<b>January 5, 2011</b>
<b>HOTEL REGISTRATION</b>	<b>January 5, 2011</b>
<b>2011 ANNUAL MEETING</b>	<b>January 27 - 30, 2011</b>

### *Others Meetings*

#### **Cardiology 2011**

Hyatt Regency Scottsdale Resort and Spa at Gainey Ranch  
Scottsdale, Arizona  
February 2-6, 2011  
Preliminary program available at  
[www.chop.edu/cardiology2011](http://www.chop.edu/cardiology2011)  
Contact Name: Tami Rosenthal  
Contact Phone: 267-425-6588

#### **14th European Congress on Extracorporeal Circulation Technology**

Valamar Lacroma Hotel  
Dubrovnik, Croatia  
June 15–18, 2011  
*Sponsored by the Foundation European Congress on Extracorporeal Circulation Technology (FECECT)*  
Website: [www.fecect.org](http://www.fecect.org)  
Email: [office@fecect.org](mailto:office@fecect.org)

#### **Cardiothoracic Critical Care and Allied Health Symposia**

as part of the 2011 American Association for Thoracic Surgery (AATS) Annual Meeting  
Pennsylvania Convention Center  
Philadelphia, PA.  
May 7-8, 2011  
Website: [www.aats.org](http://www.aats.org)

## Contact Information for Our Sponsoring Partners

#### **ABIOMED, INC.**

Phone: 978-777-5410  
Fax: 978-777-8411  
Website: [www.abiomed.com](http://www.abiomed.com)

#### **MAQUET CARDIOPULMONARY**

Phone: 888-627-8383  
Website: [www.maquet.com](http://www.maquet.com)

#### **MEDTRONIC PERFUSION SYSTEMS**

Phone: 763-391-9000  
Websites: [www.medtronic.com](http://www.medtronic.com)  
[www.perfusionsystems.com](http://www.perfusionsystems.com)

#### **QUEST MEDICAL, INC.**

Phone: 800-627-0226 or 972-390-9800  
Fax: 972-390-2881  
Website: [www.questmedical.com](http://www.questmedical.com)

#### **SOMANETICS CORPORATION**

Phone: 248-689-3050  
Fax: 248-689-4272  
Website: [somanetics.com](http://somanetics.com)

#### **SORIN GROUP USA, INC.**

Phone: 800-221-7943 or 303-467-6517  
Fax: 303-467-6375  
Website: [www.soringroup-usa.com](http://www.soringroup-usa.com)  
Email: [Sorin-CP.Info@sorin.com](mailto:Sorin-CP.Info@sorin.com)

#### **SPECTRUM MEDICAL, INC.**

Phone: 800-265-2331  
Fax: 803-802-1455  
Website: [www.spectrummedical.com](http://www.spectrummedical.com)

#### **TERUMO CARDIOVASCULAR SYSTEMS**

Phone: 734-663-4145 or 800-521-2818  
Fax: 734-663-7981  
Website: [terumo-cvs.com](http://terumo-cvs.com)