An Interdisciplinary Approach to the Care of the Cardiac Surgery Patient

Abstract Deadline: January 26, 2006
Go to www.scahq.org to submit

11th Annual Update on Cardiopulmonary Bypass

March 12-17, 2006
Fairmont Chateau
Whistler, BC, Canada

Society of Cardiovascular Anesthesiologists
P.O. Box 14086 • 2209 Dickens Road • Richmond, VA 23220
Phone (804) 282-0084 • Fax (804) 282-0090
Email: sca@societyhq.com
www.scahq.org
Sunday, March 12, 2006

12:00 n – 5:00 pm  Registration

WORKSHOPS (separate registration required)

2:00 – 6:00 pm  Basic TEE Workshop
Moderator: JS Shanewise
2:00 – 2:05 pm  Introductions
2:05 – 2:30 pm  How to Perform an Intraop TEE Exam – RM Savage
2:30 – 2:55 pm  TEE Evaluation of Global & Regional Ventricular Function – ATW Cheung
3:20 – 3:45 pm  TEE Evaluation of the Thoracic Aorta – SN Konstadt
3:45 – 4:10 pm  TEE Masses, Pitfalls & Artifacts – JS Shanewise
4:10 – 4:30 pm  Coffee Break
4:30 – 6:00 pm  Breakout Session
• Breakout #1 – Knobology
• Breakout #2 – Hand-held Echo

3:00 – 6:00 pm  Point of Care/Coagulation Testing Workshop
Moderators: L Shore-Lesserson, M England, CT Walker

3:00 – 6:00 pm  Perfusion for the Anesthesiologist and Surgeon Workshop
Moderators: C Gruenwald, T McDougall, C Vocelka, EA Hessel II

6:30 – 8:00 pm  Welcome Reception (separate registration for guests)
Last chance to buy discounted lift tickets!!

Monday, March 13, 2006

Future Opportunities for Expansion of the Cardiac Team
Moderators: RD Weisel and RM Savage
6:15 – 6:55 am  Continental Breakfast with Exhibitors
6:55 – 7:00 am  Welcoming Remarks and Introductions
7:00 – 8:00 am  Where is Cardiovascular Care Going in the Future?
Cardiologist’s View – L Benson
Surgeon’s View – C Caldarone
8:00 – 8:30 am  The Expanding Role of the Cardiovascular Anesthesiologist
JG Ramsay
8:30 – 9:00 am  Outcome Data: Surgery versus Percutaneous Interventions
RD Weisel
9:00 – 9:30 am  Case Discussion – RM Savage

Optimal Perfusion: An Approach to Evidence-based Practice
Moderator: EA Hessel II
3:30 – 4:00 pm  Refreshment Break with Exhibitors
4:00 – 4:10 pm  Introduction: What is Evidence-based Practice? – EA Hessel II
4:10 – 4:40 pm  What is Optimal Perfusion? – EA Hessel II
4:40 – 5:10 pm  What is Optimal Arterial Pressure and How Should We Achieve It?
ATW Cheung
5:10 – 5:40 pm  What is the Optimal Circuit and Way to Use It? – RC Groom
5:40 – 5:50 pm  Q & A
5:50 – 6:15 pm  Case Conference – EA Hessel II
Tuesday, March 14, 2006

Inflammation and Coagulation in Cardiopulmonary Bypass

Moderators: L Shore-Lesserson and BD Spiess

6:15 – 7:00 am Continental Breakfast with Exhibitors
7:00 – 7:30 am The Interaction of Inflammation and Coagulation – M England
7:30 – 8:00 am Perfusion Techniques to Reduce Inflammation – C Vocelka
8:00 – 8:30 am Pharmacologic Techniques to Reduce Inflammation
   L Shore-Lesserson
8:30 – 9:00 am What are the End-organ Effects of Reducing Inflammation?
   GS Aldea
9:00 – 9:30 am Case Discussion: Emergency Patient from the Cath Lab
   L Shore-Lesserson

Heparin-induced Thrombocytopenia

Moderators: A DeAnda and GS Aldea

3:30 – 4:00 pm Refreshment Break with Exhibitors
4:00 – 4:30 pm The Overview of the Physiology of Heparin-induced Thrombocytopenia
   BD Spiess
4:30 – 5:00 pm The Far Reaching Implications of Heparin Platelet Factor-4 Antibodies
   A DeAnda
5:00 – 5:30 pm The Human Trials of Direct Thrombin Inhibitors – GS Aldea
5:30 – 6:00 pm A Perfusionist’s Tricks of the Trade with Regards to New or Novel
   Anticoagulants – C Vocelka
6:00 – 6:15 pm Case Discussion and Q & A – A DeAnda

Wednesday, March 15, 2006

The Old and New of Coronary Revascularization

Moderators: RD Weisel and M Borger

6:15 – 7:00 am Continental Breakfast with Exhibitors
7:00 – 7:45 am A Historical View of CABG Surgery: Have we Passed the Peak?
   M Borger
7:45 – 8:15 am Biological Options for Improving Coronary Revascularization - RD Weisel
8:15 – 9:00 am Emerging Surgical and Percutaneous Technologies for Coronary
9:00 – 9:30 am Case Discussion – How Should the Patient Choose What is Best?
   RD Weisel

Critical Care Issues in Cardiac Surgery

Moderators: DM Rothenberg and RN Sladen

3:30 – 4:00 pm Refreshment Break with Exhibitors
4:00 – 4:30 pm Sleep Deprivation in Critically Ill Patients – DM Rothenberg
4:30 – 5:00 pm Postoperative Analgesia/Sedation Therapy – RN Sladen
5:00 – 5:30 pm Perioperative Management of Atrial Fibrillation – JG Ramsay
5:30 – 6:00 pm Hepatic Dysfunction – RN Sladen
6:00 – 6:15 pm Case Presentations – DM Rothenberg
6:15 – 8:15 pm Posters and Reception
   (separate registration for guests)
Thursday, March 16, 2006

**Congenital Heart Disease: The Emerging Cardiac Challenges from Infants to Adults**

- **Moderators:** LK Davies and C Gruenwald
- **6:15 – 7:00 am** Continental Breakfast with Exhibitors
- **7:00 – 7:30 am** How Should We Manage the Older Patient with Congenital Heart Disease? – C Caldarone
- **7:30 – 8:00 am** Changing Techniques in Managing the Infant with Congenital Heart Disease—What is the Role of the Interventionalist? – L Benson
- **8:00 – 8:30 am** Bypass Differences—Focus on the Adult with Congenital Heart Disease – T McDougall
- **8:30 – 9:00 am** Older Patient with Congenital Heart Disease: How do they Transition from Pediatric to Adult Care? – C Gruenwald
- **9:00 – 9:30 am** Case Discussion—Pregnancy – LK Davies

**Ischemic Mitral Regurgitation**

- **Moderators:** M Borger and SN Kondstadt
- **3:30 – 4:00 pm** Refreshment Break with Exhibitors
- **4:00 – 4:30 pm** Transesophageal Echocardiographic Exam and Appreciation of the Dynamics of Mitral Regurgitation – SN Konstadt
- **4:30 – 5:00 pm** When Should the Valve be Replaced versus Repaired? – M Borger
- **5:00 – 5:30 pm** Percutaneous Approaches to the Mitral Valve: Should we be Concerned – MJ Mack
- **5:30 – 6:00 pm** How Do We Protect the Heart and What is New? – RC Groom
- **6:00 – 6:30 pm** Case Discussion – SN Konstadt

Friday, March 17, 2006

**Gender Issues: Is What’s Good for the Gander Good for the Goose?**

- **Moderators:** NA Nussmeier and J Walker
- **6:15 – 7:00 am** Continental Breakfast with Exhibitors
- **7:00 – 7:30 am** Overview: Gender in Cardiac Surgery (A Female Perspective) – NA Nussmeier
- **7:30 – 8:00 am** Surgical Revascularization in Women: Is Off-Pump Better? – J Walker
- **8:00 – 8:30 am** Long-term Benefits of Surgery: Are the Gains for Women Less? – CG Koch
- **8:30 – 9:00 am** Surgery for Heart Failure: Gender Differences – J Walker
- **9:00 – 9:30 am** Case Discussion – NA Nussmeier

**Heroic Measures: VADS, ECMO and Life Support**

- **Moderators:** A DeAnda and DM Rothenberg
- **3:30 – 4:00 pm** Refreshment Break
- **4:00 – 4:30 pm** Rescue ECMO in Children – C Gruenwald
- **4:30 – 5:00 pm** Complications/Problems of Air Embolism with VADS – GM Janelle
- **5:00 – 5:30 pm** The Perioperative DNR Orders – DM Rothenberg
- **5:30 – 6:15 pm** Case Discussion: Who is Appropriate for Salvage and Heroics? – A DeAnda

**Abstracts**

Abstracts will be submitted online through the SCA Website at www.scahq.org. The abstract submission deadline is 12 noon on January 12, 2006. No paper or disk submissions will be accepted.

**Americans with Disabilities Act**

The Society of Cardiovascular Anesthesiologists has fully complied with the legal requirements of the ADA and the rules and regulations thereof. If any participant in this educational activity is in need of special accommodations, please contact SCA headquarters at (804) 282-0084.

**Accreditation**

The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Society of Cardiovascular Anesthesiologists designates this educational activity for a maximum of 28 credits in category 1 towards the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the educational activity.

**Recertification Points**

The American Board of Cardiovascular Perfusion has allotted this meeting a total of 32.4 CEU credits. Perfusionists must sign in at the registration desk each day they attend. Workshop CEU credits will be calculated separately.

Canadian Perfusionists should submit appropriate paperwork to the central accrediting body of the Canadian Society of Clinical Perfusion.
MEETING REGISTRATION
11th Annual Update on Cardiopulmonary Bypass
The Fairmont Chateau Whistler
Whistler, British Columbia, Canada
March 12-17, 2006
(Please print or type)

Name _______________________________________
Address _______________________________________
City, State ____________________ Zip+4 ___________
Office Phone ____________________ Home Phone _______
Fax ____________________ Email ____________________

☐ Surgeon ☐ Anesthesiologist ☐ Perfusionist ☐ Other ______

Registration fee includes welcome reception, Wednesday night reception, daily continental breakfasts, snacks and syllabus.

(check one) Through After

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| Guest Fee (adult)^       | ______@$50 (# of people).............. $ ______
| Guest Fee (children under 12)^ | ______@$30 (# of people).......... $ ______

Name ___________________________________________________________________________
Name ___________________________________________________________________________
Name ___________________________________________________________________________

* If registration is accompanied by a completed SCA Membership Application (dues $175), you may register at the member rate.
* When accompanied by a letter from Department Chairperson, verifying Resident/Fellow/Perfusionist Student status.
^ Guest fee allows guest to attend the welcome reception and the Wednesday evening reception. Both receptions include hors d’oeuvres and two beverage tickets (to be used for beer, wine, soft drinks or bottled water).

Payment Type
☐ Check ☐ VISA ☐ MasterCard ☐ American Express ☐ Discover

Printed Name _____________________ Signature __________________
Card #: ___________________________ Exp. Date: ________________

Refund Policy
A full refund through February 6, 2006; 80% refund from February 7 through February 20, 2006; no refunds after February 20, 2006. Refunds will be determined by date written cancellation is received.

Mail or Fax to:
SOCIETY OF CARDIOVASCULAR ANESTHESIOLOGISTS
P.O. Box 11086, 2209 Dickens Road, Richmond, VA 23230-1086
Phone (804) 282-0084 • Fax (804) 282-0090 • sca@societyhq.com • www.scahq.org

• If you do not receive a confirmation letter from the SCA within 30 days of submitting your registration, please call the office to confirm that your registration material has been received.
• If purchasing discount lift tickets through the SCA, include your Hotel Verification Form on next page.

TRAVEL INFORMATION

Perimeter’s Whistler Express

The SCA has made arrangements with Perimeter’s Whistler Express to provide discounted transportation to and from Whistler. Relax and enjoy the scenic drive in the comfort of a Perimeter coach. Perimeter will take you directly from the Vancouver Airport to your accommodation in Whistler. With plenty of room for skis and snowboards, it's the easiest and most carefree way to get from Vancouver to Whistler.

Northbound: With eleven departures daily, you can hop on the Perimeter Whistler Express shuttle right at Vancouver International Airport (approximate travel time is 2¾ - 2½ hours). Southbound: Your return trip to the airport leaves from the Whistler Gateway Loop or at selected properties throughout Whistler.

Group Rates (One Way)
Adult (13 years +) $57
Child (5 - 12 years) $45
Tot (0 - 4 years) FREE

To make your transportation reservations, please go to www.perimeterbus.com or call 877-717-7788 and mention SCA to receive the discounted fare.

Rates are in Canadian funds and do not include taxes and service charges. Some restrictions may apply.

Special Note: As Whistler begins to prepare for the exciting events the 2010 Olympics have in store, improvements on the Sea to Sky Highway connecting Vancouver and Whistler are underway. In turn, there will be intermittent road construction and possible delays -please keep in mind as you plan your arrivals and departures. Daily updates are available toll-free at 1(877) 4safe99.
Discounted Ski Lift Tickets, Rentals and Ski & Snowboard Lessons
Whistler/Blackcomb Mountains is pleased to offer the SCA group great savings on Lift Tickets, Rentals, and select Ski School programs. A special discount code has been set up specifically for the group with Pre-Registration pricing on Lift Tickets, Rentals and Ski School which offer significant savings to SCA participants staying at either the Fairmont Chateau Whistler or Westin Resort & Spa. Please call the Whistler Blackcomb Reservation Center at 1-800-766-0449 beginning on October 15th and quote Discount Code #: 10890 to pre-register for Lift Tickets, Equipment Rental and Ski & Snowboard programs by phone for your entire family. Tickets and vouchers may be picked up at your convenience at any of the many Guest Relations locations throughout the village.

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<td>2 Day</td>
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Prices do not include 7% GST and are rounded to the nearest dollar.

Pre-Registration will offer the greatest discount off the window rate for lift tickets. The Welcome Reception at the Fairmont Chateau will be the last opportunity to order lift tickets at a lesser discount than pre-registration.

For information about Whistler Blackcomb Mountains and our Ski & Snowboard School products, please visit our website at www.whistlerblackcomb.com.

The Welcome Reception on Sunday evening, March 12 will be the last opportunity to order lift tickets at a discount. However, purchasing your tickets in advance by using the toll-free number and discount code listed above will afford you the best discounted price.

**Hotel Verification Form**

Please complete the verification below and return to SCA with your meeting registration.

I, __________________________________, have made my hotel reservations at:

☐ The Fairmont Chateau Whistler
☐ Westin Resort & Spa

between the dates of March 10-19, 2006. I understand that I must be registered at one of these two hotels to take advantage of the discounted lift ticket prices.

SCA asks meeting registrants to stay at one of the two host hotels to help reduce the risk of incurring attrition penalties set forth by the hotels. These penalty fees can be extremely costly and could potentially cause the Society to increase future registration fees for this meeting. We sincerely appreciate your assistance in keeping this meeting as affordable as possible.

Signature __________________________________________ Date __________________________

(Please return with your registration)

**The Fairmont Chateau Whistler**
(Headquarters hotel and meeting site)

Beyond the hustle of the city life, past the crowded streets, escape to luxury on the doorstep of adventure at The Fairmont Chateau Whistler. Nestled with ski-in/ski-out access to Blackcomb Mountain, The Fairmont Chateau Whistler is located in one of North America’s top mountain resort destinations and the site of the 2010 Winter Olympic and Paralympic Games. The business traveler will be pleased to know that most guest rooms at the Fairmont offer High Speed Internet Access.

The **Fairmont Room** is a generously-sized room (approximately 400 sq. ft.) to ensure comfort and luxury during your stay. A Fairmont room features a tub with shower, a king bed or two queen beds, as well as all of the standard Fairmont business services and amenities.

The **Deluxe Room** (Valley View or Slopeside View) offers the luxury and elegance of a Fairmont room complemented with breathtaking views. The room has an inviting sitting area, perfect for quiet and relaxing moments. These rooms also feature a king bed or two queen beds, bathtub with shower, as well as all of the standard Fairmont business services and amenities. The elegantly appointed **Junior Suite** includes a luxurious bedroom with a king bed and separate parlor with a double sofa bed and small sitting area for reading and relaxing. The rooms also offer a four-piece bathroom together with all of the other standard guestroom features including Fairmont business services and amenities. The Junior Suite includes: High Speed Internet access, clock radio, coffee maker with complimentary premium coffee and teas, iron and ironing board, refreshment center.

Please see the website for a complete description of hotel amenities.

**The Westin Resort & Spa, Whistler**
(10-15 minute walk from Fairmont)

With Whistler and Blackcomb Mountains in our backyard and the driving range in the front, we place you in the heart of one of Canada’s great year-round recreation destinations. We are a ski-in ski-out property located in the heart of the main Whistler Village with gondola access to the two highest vertical rise mountains in North America.

**One-Bedroom Suites** offer a variety of design layouts from an over-sized bedroom that can easily accommodate a crib to a patio that opens up to landscaped gardens. The suite features a queen-size Heavenly Bed® in the bedroom and a queen-size pull out sofa bed in the living room. There is also a dining area with table for four persons plus kitchen.

**Two-Bedroom Suites** feature exquisite design layouts with a king-size Heavenly Bed® in one bedroom and a queen-size Heavenly Bed® in the other. The living area is spacious with a queen-size pull out sofa bed, dining area for four plus kitchen and island kitchen counters in a number of them. These suites are ideal accommodations for families.

Our **Studio Junior Loft Suites** are exquisite split-level guestrooms with a welcoming fireplace, kitchen, bathroom and living area on the first level. The bedroom, which is in the loft, features a Queen-size Heavenly Bed®. There is a dining table for four, a queen-size pull out sofa bed and writing desk table. The high-vaulted ceiling command windows with breathtaking views.

Our **Studio Junior Suites** offer a variety of design layouts, from vaulted ceilings to lofts and a variety of views. As an open concept design, these accommodations feature a queen-size Heavenly Bed®, queen-size pull out sofa bed, kitchen and ample work desk area. Many feature a balcony and/or patio.

The room rates at the Westin includes the Resort Fee of $20.00 per room per night. Please see the website for a complete description of hotel amenities.
11th Annual Update on Cardiopulmonary Bypass  
March 12-17, 2006 • Whistler, BC, Canada  

Hotel Registration  
Complete this Reservation Form and Send Deposit to:  

The Fairmont Chateau Whistler  
(Headquarters Hotel)(SCA06)  
Reservations Department  
4599 Chateau Boulevard  
Whistler BC, VON 1B4  
Ph: 800-606-8244  
Fax: 604-938-2099  
reservations.chateauwhistler@fairmont.com  
www.fairmont.com  
Cut Off Date: January 26, 2006  

Westin Resort & SPA  
Reservations Department  
4090 Whistler Way  
Whistler, BC, VON 1B4  
Ph: 866-412-2864  
Fax: 604-905-5640  
reservation@westinwhistler.com  
www.westinwhistler.com  
Cut Off Date: February 10, 2006  

Please print or type  

Name ____________________________________________________________  
Last ___________________________________________ First __________________________ MI  

Preferred Mailing Address ____________________________________________________________  

City, State, Zip ____________________________________________________________  

Office Phone ___________________________ Home Phone ___________________________ Fax # ___________________________  

Accompanying Person(s) Name(s) ___________________________ Adults ______ Children ________  
Children under 18 are complimentary in the same room with parents.  

Please make reservations at only one hotel.  
Rates are listed in Canadian Dollars  

*Fairmont Chateau Whistler  
☐ $259 Single /Double  
☐ $479 Jr. Suite  
☐ $30 Additional Person  
☐ $25 Pets  

‘Westin Resort & SPA  
☐ $299 Studio Junior Suite  
☐ $299 Studio Lofted Suite  
☐ Heavenly Dog Bed (No Charge)  

All rates quoted are exclusive of Provincial Hotel Room Tax at 10%; and Federal Goods & Service Tax at 7%.  

Please Reserve:  
__________Room(s) My Arrival Date is: ________________ Arrival Time: ________________ My Departure Date is: ________________  
Check in time is 4:00 pm, check out time is 11:00 am. For suites, please contact hotel directly.  
☐ Non Smoking ☐ Smoking ☐ King ☐ Double/Queen (Based on availability)  

Special Requests: ____________________________________________________________________________________________  

Deposit Procedure: All reservations must be secured with the first night’s room charge as a deposit which will be applied to your designated length of stay. Please send a check or money order, or indicate your credit card. Credit cards will be charged upon receipt of the information below.  

Cancellation Policy:  
*Full payment is due 45 days prior to arrival and is non-refundable. Any cancellation from January 26, 2006 will forfeit all advanced payments. Any no shows or early departures from March 12, 2006 will also forfeit advanced payments, the Fairmont Chateau Whistler.  

*Full payment is due 30 days prior to arrival and is non-refundable. Cancellations made 30 days or less prior to arrival are non-refundable. This also applies to any No Shows and early departures, Westin Resort.  

☐ Enclosed is my Check/Money Order in the amount of $ ________________ (Please make payable to your choice of Hotel)  
Method of Payment: ☐ VISA ☐ MasterCard ☐ American Express ☐ Diners Club ☐ Discover  
Card No. ___________________________________________________________________________ Exp. Date _____________  
Signature ___________________________________________________________________________ Name Printed on Card ___________________________  

Rooms and rates are subject to availability and change
AN INTERDISCIPLINARY APPROACH TO THE CARE OF THE CARDIAC SURGERY PATIENT

TARGET AUDIENCE
Cardiovascular and thoracic surgeons, perfusionists, cardiothoracic anesthesiologists, critical care physicians, general anesthesiologists, nurses, others (cardiologists, pulmonologists), epidemiologists/researchers and all those involved in the perioperative care of cardiovascular surgery will benefit from attendance to this meeting.

COURSE OBJECTIVE
This course is designed to update those who care for patients undergoing cardiopulmonary bypass and other cardiovascular procedures. Sessions are devoted to focused topics of interest: pathophysiology, organ protection, hematologic considerations, new technologies, critical care, pediatrics, heart failure, aortic disease, coronary artery revascularization, transesophageal echocardiography and others. Most sessions offer a case conference, which uniquely allows the participant to engage the experts in lively discussion. Upon completion of this course the participant will: 1) have a better appreciation for the spirit of teamwork; 2) value the knowledge base that each sub-specialist brings to the operating room; 3) have learned of cutting edge and evolving ideas and technologies; and 4) will have had the opportunity to interact with experts in the field. The week’s educational experience highly values the diversity of backgrounds of the audience.

STATEMENT OF NEED
The successful outcome of each cardiopulmonary operation is dependent upon the teamwork of highly skilled professionals. Members of each of the sponsoring societies have asked for more interaction, scheduling of joint meetings, and ways to appreciate each others’ needs. The boards of the sponsoring organizations have worked to enhance these interactions and this course directly answers both the needs of the rank and file as well as the strategic directions of the societies involved. Ultimately the purpose of this course is to enhance care of the cardiac surgical patient.