



**NEW!**

At the 15th Annual Update on  
**Cardiopulmonary Bypass**

*March 21-26, 2010 • Fairmont Chateau • Whistler, BC, Canada*

Human error in medicine has been estimated to cause 100,000 or more deaths per year. The cardiovascular surgical team is an example of highly-trained professionals dependent on each other for their skills to accomplish the desired improved patient outcome. Communication, transference of knowledge, critical event interactions, and trust are all important aspects of a functioning team. Individuals will always make mistakes but it is possible for a team to be flawless. Although, each of us individually has garnered background and experience, few teams have been trained to have insight into appropriate teamwork.

The 15th Annual Cardiopulmonary Bypass meeting takes pride in offering two new events:

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**Human Factors, Human Error Reduction and the Cardiac Operating Room Experience**

Sunday, March 21, 9:00 am – 5:15 pm

\$250 per person and open to all meeting registrants. Fee includes 7.75 hours of Category 1 CME credit, meeting material, coffee break and lunch

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**Team Building to Reduce Human Error in the Cardiac Operating Rooms: FOCUS-ed Teaching Towards Collaboration and Outcomes**

Wednesday, March 24, 9:45 am – 3:45 pm

\$270 per person for teams of 3-6 team members\* (not available for individuals). Fee includes 5.5 hours of Category 1 CME credit, meeting material, lunch, 2.5-hour team building activity and private team counseling with your team, if desired. \*Teams MUST consist of three to six persons from the same institution with at least 2 disciplines represented--preferably one each from cardiac surgery, anesthesia and perfusion. However, a team could also consist of team members representing operating room nursing, critical care and/or intensive care nursing.

Registration for these workshops is limited and will be on a first-come, first-served basis. Teams are not required to register for both sessions but it is highly recommended. Registration for the 15th Annual Update on Cardiopulmonary Bypass Meeting is, however, required for each individual participating.

On Sunday, the team will learn about issues surrounding human error in medicine as well as participate in case discussions directly taken from the cardiac operating room experience. This one-day event will act as a primer for post-session discussions and thought before coming back together as a team on Wednesday.

The Team Building session on Wednesday will teach each member of the team a great deal regarding teamwork psychology, how they individually participate in and contribute to the team, and trust their team members as well as give participants exercises for communication. The teamwork teaching professionals may also make available (schedule permitting) some private team counseling with individual teams, if desired.

**Team Building Activity – Canadian Outback’s Amazing Chase**

Similar to the top-rated TV show, Canadian Outback’s Amazing Chase is a race against time with a competitive team element. Teams will compete head to head, pitting their wits against each other to be crowned “The Amazing Chase Champions”!

Participants will follow a custom-designed course where the knowledge and skills of their team will be tested to the max. The event focuses on communication, problem solving, strategy and a real need to be creative. It is a great way for individuals to work as a team and to get to know each others' strengths. All activities, transportation and entrance fees, etc. are included as part of your registration fee for the Team Building Activity.

## **Sunday, March 21, 2010 • 9:00 am – 5:15 pm**

6:30 am – 7:00 pm Registration

### **Workshop 1: Human Factors, Human Error Reduction and the Cardiac Operating Room Experience: A One Day Symposium**

Moderators: A DeAnda, B Spiess, R Ungerleider

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|---------------------|---|
| 9:00 - 9:15 am      | Introduction through a case to consider for today! - B Spiess   |
| 9:15 - 9:45 am      | What is Human Factors Engineering? - S Shappell   |
| 9:45 - 10:15 am     | A Case Discussion of Human Error in the Cardiac Operating Room: What made it happen that way! - A DeAnda  |
| 10:15 - 10:45 am    | Human Factors and Lessons from Aviation Accident Investigations - S Shappell  |
| 10:45 - 11:00 am    | Morning Workshop Coffee Break   |
| 11:00 - 11:30 am    | The Cardiac Operating Room: A “Highly Complex” Human System Compared to Industry – A DeAnda   |
| 11:30 am - 12:00 pm | Case Discussions of Surgical Events in Flow and Outcome - T Sundt   |
| 12:00 - 12:30 pm    | Coherent Human Communication in the Cardiac Operating Rooms: - R Ungerleider  |
| 12:30 - 1:45 pm     | Working Lunch: Case Discussions in Cardiac Human Error - R Groom, A DeAnda, T Sundt, S Shappell   |
| 1:45 - 2:15 pm      | Communication for Creating a Positive Team Atmosphere - J Dickey  |
| 2:15 - 2:45 pm      | Equipment Human Interface: Factors in Human Error – R Groom   |
| 2:45 - 3:00 pm      | Afternoon Workshop Coffee Break   |
| 3:00 - 4:30 pm      | Breakout Sessions (registrants will select two of the three breakout sessions to attend):<br>I. How do unique personalities affect outcomes in our work environment?<br>– J Dickey, R Ungerleider<br>II. How We Can Effect Change in Medicine: An interactive discussion of how change is possible! – J Wahr<br>III. What Data Exists from FOCUS and How/What We Should Implement First – You tell us! – E Martinez |
| 4:45 - 5:15 pm      | Wrap Up the Day - Case Discussion – T Sundt, A DeAnda   |

## **Wednesday, March 24, 2010 • 9:45 am – 3:45 pm**

### **Team Building to Reduce Human Error in the Cardiac Operating Rooms: FOCUS-ed Teaching Towards Collaboration and Outcomes**

Moderators: A DeAnda, B Spiess, T Sundt

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|-------------------|--|
| 9:45 am -12:15 pm | Didactic and Exercises in Psychology and Team Building – R Ungerleider, J Dickey |
| 12:15 - 12:40 pm  | Lunch with teams and instructions from Canadian Outback for Amazing Chase        |
| 12:40 - 3:15 pm   | Canadian Outback’s Amazing Chase   |
| 3:15 - 3:45 pm    | Awards and “What did we learn today?” - Discussion                               |

**To register for these sessions and the 15th Annual Update on Cardiopulmonary Bypass Meeting, go to SCA’s website at [www.scahq.org](http://www.scahq.org).**