

12th Annual Update on Cardiopulmonary Bypass

An Interdisciplinary Approach to the
Care of the Cardiac Surgery Patient

March 18 – 23, 2007
Fairmont Chateau
Whistler, BC, Canada



Sunday, March 18, 2007

12:00 n – 5:00 pm Registration

WORKSHOPS

Please register for only one workshop; separate fee required.

- 3:00 – 6:00 pm **Perfusion for the Anesthesiologist and Surgeon**
Moderators: C Gruenwald, EA Hessel II
1. Introductory orientation session will cover the basic circuit and components as well as principles and conduct of bypass.
2. Hands-on session will include heart-lung consoles and mock circulations with perfusionists.
Basics—demonstration of various types of consoles and equipment; going on and off bypass.
Advanced—trouble shooting and management of complications (e.g., loss of venous return, outflow obstruction, air, oxygenator failure, etc.)
- 3:00 – 6:00 pm **Point of Care/Coagulation Testing**
Moderators: L Shore-Lesserson, T Walker
Monitoring Platelet Function – M England
Anti-platelet Therapy and Monitoring – L Shore-Lesserson
Heparin Monitoring – T Walker
- 3:00 – 6:00 pm **Physiology: A physiologic Approach to Perioperative Hypoperfusion**
Moderators: D Rothenberg, A Rosenberg
Clinical problems presented with participants challenged with choosing best therapy based on PAC data. ABG examples with participants being able to interpret, develop differential diagnoses and treatment plans.
• Understanding the Fick Equation: Clinical Application
• Pathophysiology of Hypoxemia
• Acid-Base Interpretation
• Monitoring Perfusion: CVP vs PAC vs Echo
- 6:30 – 8:00 pm Welcome Reception (Includes light hors d'oeuvres; separate registration for guests.)