Goal-Directed Therapy Symposium

Hemodynamic Optimization in Perioperative and Critical Care Medicine: From Theory to Practice

June 4 & 5, 2011
Saturday – Sunday
The Balboa Bay Club & Resort
Newport Beach, California

Presented by
Departments of Anesthesiology
David Geffen School of Medicine at UCLA and
University of California Irvine, School of Medicine

Sponsored by:
Goal-Directed Therapy Symposium

Hemodynamic Optimization in Perioperative and Critical Care Medicine: From Theory to Practice

This unique symposium aims to promote goal-directed therapy (GDT) and hemodynamic optimization in perioperative and critical care medicine. Various techniques in GDT improve patient outcomes while decreasing health-care costs in perioperative and critical care medicine. Experts from North America and Europe have come together to share their clinical and scientific experiences in this comprehensive symposium. The lectures and interactive sessions will provide the rationale for employing GDT in clinical practice.

At the conclusion of this course participants should be able to:

1. Describe the physiological concepts underlying goal-directed therapy for hemodynamic management
2. Learn about new techniques used for achieving goal-directed therapy
3. Recognize clinical protocols for goal-directed therapy used in different leading institutions in the U.S. and in Europe
4. Demonstrate clinical utility of GDT and hemodynamic optimization using simulation and interactive case presentations
COURSE CHAIRS

Aman Mahajan, MD, PhD, FAHA  
Professor, Chief of Cardiothoracic Anesthesiology*  
Director, Interventional Cardiology Operations

Maxime Cannesson, MD, PhD  
Associate Professor  
Department of Anesthesiology & Perioperative Care  
University of California Irvine School of Medicine  
Irvine, California

FACULTY

Daniel De Backer, MD  
Professor, Department of Intensive Care  
Erasme University Hospital  
Université Libre de Bruxelles  
Brussels, Belgium

Anahat Dhillon, MD  
Assistant Professor  
Department of Anesthesiology*

Mitchel Fink, MD  
Professor of Surgery and Anesthesiology*  
Vice Chair for Critical Care Medicine

Tong-Joo Gan, MD, MHS  
Professor and Vice Chair  
Department of Anesthesiology  
Duke University School of Medicine  
Durham, North Carolina

Keyvan Karkouti, MD, MSc, FRCPC  
Associate Professor  
Department of Anesthesiology  
Toronto General Hospital  
Toronto, Ontario, Canada

Gerard Manecke, MD  
Clinical Professor and Chair  
Department of Anesthesiology  
University of California, San Diego Medical Center  
San Diego, California

Paul Marik, MD  
Professor and Chief  
Pulmonary Medicine and Critical Care  
Eastern Virginia Medical School  
Norfolk, Virginia

Rupert Pearse, MD  
Senior Lecturer & Consultant in Intensive Care Medicine  
Barts and The London School of Medicine and Dentistry  
Royal London Hospital  
Whitechapel, London  
United Kingdom

Michael Pinsky, MD CM, Dr hc, FCCP, FCCM  
Professor of Critical Care Medicine  
Cardiovascular Disease and Anesthesiology  
Vice Chair of Academic Affairs, Department of Critical Care Medicine  
Pittsburgh, Pennsylvania

*David Geffen School of Medicine at UCLA

Support provided by  
Conmed Corporation and Edwards Lifesciences.  
Additional support provided by  
Deltex Medical, USCOM, Cheetah-Medical, Covidien/LiDCO, Masimo.
Friday, June 3, 2011

Evening
6:00 - 8:00  Welcome Reception
The Balboa Bay Club & Resort

Saturday, June 4, 2011

Morning
7:00  Registration and Continental Breakfast
7:55  Introductory Remarks

Session A: Basic Principles of Applied Hemodynamic Physiology
8:00  Cardiac Output, Arterial Pressure, and Oxygen Delivery
      Michael Pinsky, MD
8:30  Volemia, Preload, and Fluid Responsiveness
      Paul Marik, MD
9:00  Oxygen Extraction and Utilization
      Daniel De Backer, MD
9:30  Questions and Answers
9:45  Break

Session B: Evaluating the Macrocirculation Clinical Settings
10:00  Monitoring Cardiac Output: Where Are We Today?
       Aman Mahajan, MD
10:30  Monitoring Preload Dependance: New Technologies
       Maxime Cannesson, MD
11:00  Monitoring SvO2/ScvO2: A More Refined Index Than Cardiac Output
       Rupert Pearse, MD
11:30  Questions and Answers
12:00  Lunch

Afternoon

Session C: Evaluating the Microcirculation in Clinical Settings
1:15  Impact of Microcirculation on Patients’ Outcome
      Rupert Pearse, MD
1:45  Biological Monitoring (Lactates, Base Excess, Arterio-Venous PaCO2 Gradient) in Acute Care Medicine
      Gerard Manecke, MD
2:15 Monitoring the Microcirculation in the Critically Ill Patient
Daniel De Backer, MD

2:45 Break

Session D: Fluid Management
3:00 Crystalloids and Colloids — Is There Still a Controversy?
Tong-Joo Gan, MD
3:30 Perioperative Fluid Optimization Concepts
Michael Pinsky, MD
4:00 Transfusion Trigger
Keyvan Karkouti, MD
4:30 Adjourn

Sunday, June 5, 2011

Morning
7:00 Continental Breakfast

Session E: Guidelines for Perioperative Goal-Directed Therapy
8:00 Goal-Directed Therapy in the Intensive Care Unit and Emergency Room
Maxime Cannesson, MD
8:30 Goal-Directed Therapy for Cardiac Surgery
Gerard Manecke, MD
9:00 Goal-Directed Therapy in the Intensive Care Unit and Emergency Room
Mitchel Fink, MD
9:30 Questions and Answers
9:45 Break

Session F: Practical Application of GDT in Clinical Settings
10:15 Break-Out Sessions: Interactive Clinical Case Discussions and Simulation Programs with Various Monitoring Devices
Drs. Cannesson, De Backer, Dhillon, Gan, Mahajan, Marik, Pearse, Pinsky
12:30 Adjourn
GENERAL INFORMATION

Accreditation
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this educational activity for a maximum of 10.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy now mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of these concepts.

Location
The Balboa Bay Club & Resort
1221 West Coast Highway
Newport Beach, California 92663
(949) 234-3200
http://www.balboabayclub.com

The Balboa Bay Club & Resort offer an escape to a waterfront paradise. Natural wood tones and rattan furnishings on your private veranda create an ambience reminiscent of an Italian villa, while wireless Internet access and convenient technology allow you the comforts of a traveling office. Wake up to fresh coffee and bay views. Retire to the feather-top bed with plush duvet and pillows. This is your time, here on the bay. We have thought of everything you need to make the most of it.

Newport Beach
Tucked along the shoreline of California’s Golden Coast, Newport Beach is a gem among the sunny seashore. Nine miles of pristine beaches offer surfing, yachting, snorkeling or sailing, all with dazzling sunsets and the refreshing Pacific waters. Fine dining and entertainment line the intimate streets. Boutique shopping, museums and theaters add to the distinctive ambience. And with such attractions as Disneyland Resort and Knott’s Berry Farm within a short drive from downtown, it is a destination for your entire group. With local diversions such as Balboa Island / Fun Zone and the Catalina Flyer whisking you away into the sunset, there is no end to the fun to be had in this dazzling destination.

Accommodations
A block of rooms has been reserved at The Balboa Bay Club & Resort and will be held until Wednesday, May 4, 2011 for seminar participants at a special conference rate of $209 per night, single or double occupancy, plus 12% city tax. Reservations received after May 4, 2011 are subject to availability. Please reserve your hotel room early at 1-866-445-7153 or locally at 949-645-5000.

Parking
Valet parking is $13.00 a day and $20.00 overnight (includes in & out privileges).

Enrollment Fees
$325 Physicians
$225 Nurses, Residents

Registration fee includes course syllabus, two continental breakfasts, one lunch, breaks, and reception.
Refunds
Cancellations must be received in writing by May 5, 2011 and will be subject to a $75 processing fee. No refunds will be given after May 5, 2011. A full refund will be provided if for any reason the course must be canceled or rescheduled.

Enrollment
By Mail
Use the form attached. Mail to the UCLA Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 10920 Wilshire Blvd., Suite 1060, Los Angeles, CA 90024-6512.

By FAX
Send the completed enrollment form with credit card information and authorizing signature. FAX to 310-794-2624.

Online
Use your MasterCard, VISA, American Express or Discover Card. Go to www.cme.ucla.edu and click on Goal-Directed Therapy Symposium.

By Phone
Use your MasterCard, VISA, or Discover Card. Call 310-794-2620.

Please visit our website for other CME offerings: www.cme.ucla.edu

REGISTRATION

Mail Application for Enrollment (please print)

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LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER

NAME (FIRST, MIDDLE, LAST)

DEGREE

SPECIALTY

PREFERRED MAILING ADDRESS

CITY/STATE/ZIP

AREA CODE/DAYTIME PHONE

AREA CODE/FAX

E-MAIL

CHECK enclosed, payable to Regents of the University of California

CHARGE □ Visa □ MasterCard □ Discover

Card Number

Authorizing Signature ______________________ Exp. Date _____ / _____

Mail to: Office of Continuing Medical Education
          Goal-Directed Therapy Symposium
          David Geffen School of Medicine at UCLA
          10920 Wilshire Blvd., Suite 1060
          Los Angeles, CA 90024-6512

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