

Department of Anesthesiology & Perioperative Care

Grand Rounds

From patient safety to population outcomes

Kevin Tremper, MD, PhD

Professor and Chair

Department of Anesthesiology

University of Michigan



Thursday, Oct. 10, 2013

6:30 to 7:30 a.m.

UC Irvine Medical Center

Building 22A, Room 2107

101 The City Drive South

Orange, CA 92868

Kevin K. Tremper, PhD, MD, is currently Robert B. Sweet Professor and Chair of the Department of Anesthesiology at the University of Michigan.

Dr. Tremper obtained his undergraduate degree at the University of Denver, continuing on to complete his Master's degree and a PhD in Chemical Engineering at the University of California, Berkeley. It was during his PhD that he became interested in the applications of engineering to physiology. He went on to medical school and during his internship at Harbor/UCLA Medical Center became involved in the clinical testing of the first "artificial blood" product in 1981.

In the mid-1990s he initiated a co-development effort with a software company to create a perioperative information management system to be used for patient care, education, and clinical outcomes research. This was purchased by General Electric in 2001 and today the University of Michigan's Department of Anesthesiology is the development site for General Electric's perioperative software.

To date the Department of Anesthesiology's perioperative patient database is one of the largest in the world and has resulted in a series of academic publications determining patients at risk for adverse outcomes. These data are now being used to try to reduce the incidence of these outcomes by adjusting the perioperative care. Most recently, the Department of Anesthesiology has initiated a nationwide perioperative data sharing organization; Multicenter Perioperative Outcomes Group (MPOG) which links 35 academic centers to develop a nationwide database for operative outcomes research. He also holds the title of immediate Past President of the Association of University Anesthesiologists (AUA).

Statement of Purpose: These grand rounds are being held to keep UC Irvine & community physicians and health care professionals updated on the latest treatment modalities and research in anesthesia and analgesia.

Global Objectives: 1) Evaluate diagnosis and management of common diseases seen in the specialties of anesthesiology, pain management and critical care. 2) Determine the pathophysiology of common and rare disease seen in the specialties of anesthesiology, pain management, and critical care. 3) Analyze management issues in patients with difficult airway. 4) Review of policies and procedures to better care for patients before, during, and after care.

Target Audience: The target audience for the Department of Anesthesiology & Perioperative Care Grand Rounds is attending physicians, fellows, community physicians and other health care professionals.

Accreditation Statement: The UC Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement: The University of California, Irvine School of Medicine designates this educational activity for a maximum of 1.0 AMA PRA

Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Lecturer: Dr. Tremper has declared that he does not have a financial interest or other relationship with any manufacturer(s) of any commercial product or apparent conflict of interest related to the content of his presentation. Dr. Tremper discloses that he will not be discussing the use of any unlabeled/unapproved drugs or devices.

Disclosure: Course Director/Planners Trung Vu, MD; and Phuong (Chloe) Tran have disclosed that they have no affiliations, arrangements or financial agreements that could be perceived as a potential conflict of interest. The Office of CME staff have disclosed that they have no affiliations, arrangements or financial agreements that could be perceived as a potential conflict of interest.

In compliance with the Americans with Disabilities Act, if you have any special needs, please contact Phuong (Chloe) Tran at 714-456-8744, three days prior to the meeting. This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME website at www.meded.uci.edu/CME.