

**A-590 Room 220-222, 10/18/2000 10:30 AM - 12:00 PM (PD)**  
**Measurement of Cardiac Output in the Intensive Care Unit (ICU) after Coronary Artery Bypass Grafting (CABG): Comparison of Pulmonary Artery Catheter and Noninvasive Partial CO<sub>2</sub> Rebreathing (NICO<sub>2</sub>)** *Monica Botero, M.D.; Said Khansarina, M.D.; David Kirby; Nikolaus Gravenstein, M.D.; Emilio B. Lobato, M.D., Anesthesiology, Univ of Florida Coll of Med & Veterans Affairs Med Center, Gainesville, FL.*

**A-591 Room 220-222, 10/18/2000 10:30 AM - 12:00 PM (PD)**  
**Noninvasive Fetal Monitoring from Maternal Surface Electrocardiogram** *Robert S. Greenberg, M.D.; John Cristion; Ed Moses, PhD; Eva Pressman, M.D.; Wayne Sternberger, PhD, Anesthesiology and Critical Care Medicine, Johns Hopkins University, Baltimore, MD, United States.* A maternal surface electrocardiogram system was designed, tested, and shown to demonstrate the fetal electrocardiogram and vector.

**A-592 Room 220-222, 10/18/2000 10:30 AM - 12:00 PM (PD)**  
**Epidural Anesthesia Improves Tissue Oxygenation** *Thomas Scheck, B.S.; Tanja Treschan, M.D.; Alexander Kober, M.D.; Stephan Kapral, M.D.; Ozan Akca, M.D., Anesthesiology, University of Vienna, Vienna, Austria.* Epidural anesthesia's effect on tissue oxygenation was tested. Higher subcutaneous tissue oxygen tensions were observed during epidural compared to general anesthesia.

**A-593 Room 220-222, 10/18/2000 10:30 AM - 12:00 PM (PD)**  
**Evaluation of a Sharps Safety-Enhanced Device for Skin Fixation of Central Venous Catheters** *Dean O. Allgeyer, MD; George P. Herr, MD; Alan Szeftel, MD; Samuel M. Shapiro, MD, Anesthesia, Saint John's Health Center, Santa Monica, CA, United States.* A safety device for catheter securement was evaluated. Use of sharps engineered devices should be considered to prevent needlestick injuries.