A-629  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
Lidocaine Reduces Ischemic Injury but Not Reperfusion Injury in the Isolated Rat Heart  
Dirk Ebel, MD; Peter Lippert, MD, PhD; Benedikt Preckel, MD; Volker Thamer, MD, PhD; Wolfgang Schlack, MD, PhD, Institute of Clinical Anaesthesiology, Heinrich-Heine-University, Dusseldorf, NRW, Germany.  
Lidocaine protects myocardium from ischemic injury but not against reperfusion injury in the isolated rat heart.

A-630  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
Multivariate Analysis of Ventricular Fibrillation and Prediction of Defibrillation Success  
Matthias Fischer, MD; Holger Greteh, MS; Martin Breil, MS; Alfred Dabmen, MD; Jorgen Bruhn, MD, Anesthesiology, University of Bonn, Bonn, Germany.  
Prediction of defibrillation success by ECG derived parameters might optimize CPR algorithm, but median, entropy, amplitude and power of VF failed.

A-631  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
Effects of Nicorandil on Myocardial Function and Metabolism in the Ischemic Heart with or without Inhalation Anesthetics Atsushi Paruya, M.D.; Satoshi Kasbinoto, M.D.; Tadekshi Oguchi, M.D.; Kenichi Masui, M.D.; Tero Kunazawa, M.D., Anesthesiology, Yamashita Medical University, Yamashita, Japan.  
Isolurane and sevoflurane reduced the beneficial effects of nicorandil on the heart.

A-632  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
Naloxone Improves Functional Recovery from Myocardial Stunng in Conscious Dogs  
Naloxone improves functional recovery from myocardial stunning in chronically instrumented conscious dogs.

A-633  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
Effects of Halothane, Isoflurane, and Sevoflurane on SR Calcium Content and the Sarcolemmal Calcium Pump in Isolated Cardiac Myocytes  
Halothane reduces calcium content of the SR; sevoflurane increases it. Isoflurane and sevoflurane inhibit sarcolemmal calcium pump function.

A-634  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
Effects of Combined Use of Sevoflurane with MCI-154, a Calcium-Sensitizer, on Stunned Myocardium in Dogs  
Tetsuya Hara, MD; Shunji Takahashi, MD; Sangam Cho, MD; Shiro Tomiyasu, MD; Koji Yamakawa, MD, Anesthesiology, Nagasaki University, Nagasaki, Japan.  
The combination of sevoflurane and MCI-154 could synergistically act to produce full recovery of myocardial contraction after ischemia.

A-635  Room D, 10/16/2000 2:00 PM - 4:00 PM (PS)  
The Effect of Magnesium Deficiency on the Dysrhythmic Dose of Epinephrine during Halothane and Sevoflurane Anaesthesia  
David H. Ho, MBBS; Mark W. Crawford, MBBS; Meraj Shams; Robert Gow; Frederick J. Carmichael, Dept. of Anaesthesia, The Hospital for Sick Children, University of Toronto, Toronto, ON, Canada.  
Mg deficiency attenuates differences in the DDE during H and S anesthesia.