A-161  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Does Testing an ICD Device during Its Implantation Affect Cardiac Function? Satoshi Kurokawa, M.D.; Satoru Fukuda, M.D.; Koki Shimoji, M.D., Anesthesiology, Niigata University, Niigata, Japan. Testing the ICD device during its implantation could be performed safely.

A-162  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Post-Operative Analgesic Requirement in Cardiac Surgery Patients with Sternotomy and a Sternal Block Technique Following Intraoperative Exubation Nhung Lam, MD; Watson Fung, MD; Greg Stephenson, PA; Mark Decastro, MD; Solomon Aronson, MD, FACC, FCCP, Anesthesiology and Critical Care, University of Chicago, Chicago, IL, United States. A cardiac surgery sternal block reduces ICU LOS and improves postoperative analgesia.

A-163  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Adenosine Protects Against Anoxic Injury and Oxidant Injury in Human Renal Cells H.T. Lee, M.D.,Ph.D.; Ciarles W. Emala, M.D., Department of Anesthesiology, Columbia University, New York, NY, United States. In cultured human proximal tubules, A1 adenosine receptors protect against anoxic injury whereas A2a adenosine receptors protect against oxidant injury.

A-164  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Does Cardiac Surgery with Cardio Pulmonary Bypass Affect Renal Function in Patients with Preoperative Renal Impairment? Bert Loef, MD; Anne Epema, MD; Rob Henning, MD; Wim van Oeveren, MD; Gerjan Navis, MD, Thoracic Intensive Care Unit, University Hospital, Groningen, Netherlands. Renal function improved after cardiac surgery with CPB in a group of patients with preoperative renal impairment.

A-165  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Intrathecal Morphine for Cardiac Surgery: Impact on Postoperative Analgesia and Time to Exubation John MacHale, FEARCSI, Pamela Lennox, FEARCSI, Carmel Rushe, FEARCSI, Francis Chambers, FEARCSI, Denis C. Moriarty, FEARCSI, Division of Anesthesia, Mater Hospital, Dublin, Ireland. Intrathecal morphine provides effective postoperative analgesia without delaying tracheal extubation following coronary artery bypass surgery.

A-166  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Post-Operative Temperature Following Cardiac Surgery: The Influence of Warm Versus Cold Bypass George B. MacKenzie, MD, Hillary P. Grocott, MD, Wayne Cohen, MPH; Barbara Phillips-Bate, MPH; Mark F. Newman, MD, Anesthesiology, Duke University, Durham, NC, United States. The temporal pattern of post-operative temperature in patients undergoing CABG is independent of the CPB temperature strategy.

A-167  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Postoperative Cognitive Dysfunction Is Associated with Cerebral Oxygen Desaturations T.G. Monk, MD, K.A. Reno; D.C. Olsen, BS; D. Koney-Loryea, MD, Dept of Anesthesiology, Univ of Fla, Gainesville, FL, United States. Cerebral oxygen desaturations are associated with a higher incidence of postoperative cognitive decline in patients undergoing major surgical procedures.

A-168  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Sevoflurane-Vaporized Cardioplegic Decreases Neutrophil Activation following Cardiopulmonary Bypass Nader D. Nader, MD, Ph.D; Carlos M. Li, M.D; Wiam Z. Khadra, Ph.D; Anthony L. Panos, M.D; Paul R. Knight, MD, Ph.D, Anesthesiology, University of Arkansas for Medical Sciences, Little Rock, AR, United States. Inclusion of sevoflurane in cardioplegia solutions attenuates neutrophil activation during cardiopulmonary bypass.

A-169  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Cardiac Parasympathetic Function during Normothermic and Hypothermic Intravascular Volume Loading Patricia Satipunwinyaya, MD; Steven M. Frank, MD; Simon R. Bruce, MD; Courtney S. Holmes; David S. Goldstein, MD,Ph.D, Clinical Neurocardiology Section, National Institutes of Health, Bethesda, MD, United States. Parasympathetic inhibition accompanies sympathetic activation during hypothermia in awake humans.

A-170  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Effects of Left Ventricular Function on Arterial Pressure Following Gastrothoracic Ventricular Pacing Katsuya Tanaka, MD; Hiroshi Kitabata, MD; Junpei Nozaki, MD; Toshio Katayama, MD; Sbazu Osbita, MD, Department of Anesthesiology, Tokushima University School of Medicine, Tokushima, Japan. Hypotension after ventricular pacing correlated with LV stiffness.

A-171  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Mild Hypothermia Depresses Arterial Baroreflex Function and Delays Its Recovery after General Anesthesia in Humans Makoto Tanaka, M.D; Go Nagasaki, M.D.; Toshihiro Nishikawa, M.D., Department of Anesthesia, Akita University School of Medicine, Akita-city, Akita, Japan. Hypothermia depresses arterial baroreflex function during, and delays its recovery after general anesthesia in humans.

A-172  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Effects of Methylene Blue on Histamine-Induced Vasodilation in Human Mammary Artery Atsushi Tsuda, MD; Keichi A. Tanaka, MD; Fania Szlam, MMS; Jerrold H. Levy, MD, Anesthesiology, Emory University School of Medicine, Atlanta, GA, United States. Methylene blue completely reversed histamine-induced relaxation on human artery. It may be useful for the treatment of mediator induced vasodilatory shock.

A-173  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Changes in Blood Volumes of Patients with Pheochromocytoma Undergoing Adrenalectomy Hiroshi Ueyama, MD; Yan Ling He, PhD; Hironobu Tamigami, MD; Kyokuzo Kagawa, MD; Takashi Mashimo, MD, Anes., Osaka Univ. Med. Sch., Suita, Osaka, Japan. The decrease in blood volume during surgery for pheochromocytoma play an important role for the occurrence of hypotension following removal of tumor.

A-174  Room B, 10/17/2000 9:00 AM - 11:00 AM  (PS)  Time to Exubation in Cardiac Surgery Patients Charles C. Van Norman, M.D., Sylvia Ximoy, M.D.,Ph.D; Saeed Dhamee, M.D., Anesthesiology, Medical College of Wisconsin, Milwaukee, WI, United States. Fentanyl was associated with a shorter time to extubation when compared to sufentanil. Therefore our data suggests fentanyl and sufentanil do have an effect on the time to extubation.