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 Shimoto, M.D., Anesthesiology, Nigata University, Nigata, 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, M.D.; Watson Fung, M.D.; Greg Stephenson, PA; Mark Decastro, MD; Solomon Aronson, MD, FCCP, FCCM, 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.; Carlos 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 Extubation John MacHale, FFARCSI; Pamela Lennox, FFARCSI; Carmel Rushe, FFARCSI; Francis Chambers, FFARCSI; Denis C. Moriarty, FFARCSI, Division of Anesthesiology, 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 Georg B. Mackensie, MD; Hilary P. Gracott, 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 CBP 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-Luryea, 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 Cardioplegia 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 Satipunawat, MD; Steven J. Frank, MD; Simon R. Bruce, MD; Courtney S. Holmes, David S. Goldstein, MD, PhD, 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 Ventriculopexy Katsumi Tanaka, MD; Hiroshi Kitabata, MD; Junpei Nozaki, MD; Toshiko Kato, Yama, MD; Shozo 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, MD; Go Nagasaki, MD; Toshihiko Nishikaw, MD, Department of Anesthesiology, 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; Kenichi A. Tanaka, MD; Fania Szlarn, 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, Ph.D; Hironobu Tamigami, MD; Kiyokazu kagaawa, MD; Takashi Mashino, 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 Extubation in Cardiac Surgery Patients Charles C. van Norman, M.D.; Sylvia Ximoy, M.D., Ph.D.; Saeed Dhanee, 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.