

AACP 2019 Paper Presentations

Thursday, February 7, 2019

07:45 – 9:30 AM

EFFECTS OF BLOOD MANAGEMENT AND HEMATOCRIT THRESHOLD ON CLINICAL OUTCOME

Dustin Steht; NSUH-LIUPOST SCVP

THE EVOLUTION OF PATIENT BLOOD MANAGEMENT PROGRAMS IN AORTIC VALVE SURGERY: WHAT IS THE ULTIMATE FRONTIER?

Kevin McCusker¹, Serdar Gunaydin², Steve Singh³; New York Medical College, Valhalla, New York¹; Department of Cardiac Surgery, University of Health Sciences, Ankara-Turkey², Brigham and Women's Hospital, Boston, MA³

THE EFFECT OF VARIOUS BLOOD MANAGEMENT STRATEGIES ON INTRAOPERATIVE RED BLOOD CELL TRANSFUSION IN FIRST TIME CORONARY ARTERY BYPASS GRAFT PATIENTS

Alfred H. Stammers, Eric Tesdahl, Linda B. Mongero, Andy Stasko; Medical Department, SpecialtyCare, Nashville, TN

FLOLAN VS. BIVALIRUDIN DURING CARDIOPULMONARY BYPASS: COST, OUTCOMES, LIMITATIONS

Nathali Gomez; NSUH-LIUPost SCVP

RETROGRADE AUTOLOGOUS PRIMING TO REDUCE ALLOGENEIC BLOOD TRANSFUSION REQUIREMENTS: A SYSTEMATIC REVIEW

NPA Vranken¹, ZB Babar¹, JAM Montoya², PW Weerwind¹;

¹Department of Cardiothoracic Surgery, Maastricht University Medical Center, Maastricht, the Netherlands, ²Perfusion Sciences Program, Department of Pharmacology, University of Arizona, Tucson, Arizona

Friday, February 8, 2019

07:45 – 9:30 AM

SAFETY RELATIVE TO STAFFING REQUIREMENTS FOR THE CARDIOVASCULAR PERFUSIONIST

Alexandra Rezler; NSUH-LIUP School of Cardiovascular Perfusion

MODIFIED BLOOD RICH DEL NIDO VS THE TRADITIONAL DEL NIDO RELATIVE TO CLINICAL OUTCOMES

Joseph Catricala; NSUH-LIUP SCVP

SAFETY DILEMMA OF LONG-TERM PROTECTION OF DEL NIDO / HTK CARDIOPLEGIA IN MINIMALLY INVASIVE VALVE SURGERY: CLINICAL IMPACT ON MICROVASCULAR INTEGRITY CONFIRMED BY CELL CULTURE DATA

Kevin McCusker¹, Serdar Gunaydin², Steve Singh³; New York Medical College, Valhalla, New York¹; Department of Cardiac Surgery, University of Health Sciences, Ankara-Turkey², Brigham and Women's Hospital, Boston, MA³

SCIENCE AND SPECIFICS OF VENTRICULAR ASSIST DEVICES IN PEDIATRICS AND IMPLICATIONS FOR CLINICAL PRACTICE

Isaac Chinnappan; Monroe Carell Jr. Children's Hospital at Vanderbilt University, Nashville, TN

PREVENTION OF HYPERNATREMIA DURING PERIOPERATIVE PHASES OF CARDIOPULMONARY BYPASS IN PEDIATRICS: EVALUATION OF ACIDIC BIOMARKERS AND OPTIMIZATION OF SODIUM BICARBONATE ADMINISTRATION

Isaac Chinnappan; Monroe Carell Jr. Children's Hospital at Vanderbilt University, Nashville, TN

RETROSPECTIVE REVIEW OF ROTATIONAL THROMBOELASTOMETRY (ROTEM) DURING REWARMING IN CARDIAC SURGICAL PATIENTS LESS THAN TEN KILOGRAMS

Jillian Faircloth, Ryan Botham, Nico Festejo, Minoo Kavarana, Scott Bradley, David Fitzgerald Joseph J. Sistino; Medical University of South Carolina

Saturday, February 9, 2019

07:45 – 9:30 AM

CAN UPPER EXTREMITY, PERIPHERAL NIRS MONITORING BE USED TO ASSESS INNOMINATE ARTERY AND CEREBRAL PERFUSION ON ADULT ECMO PATIENTS?

James Beck, Killian Patton-Rivera, Kenmond Fung, Christine Chan, Hiroo Takayama; New York Presbyterian Hospital, Columbia University Medical Center, New York, NY

UTILIZING NEW TECHNOLOGIES BY INCORPORATING PREDICTIVE ANALYTICS FOR EXTRACORPOREAL MEMBRANE OXYGENATOR CHANGE-OUT

Christine Chan; New York Presbyterian Hospital, Columbia University Medical Center, New York, NY

VALIDATION OF TRANSCUTANEOUS CARBON DIOXIDE DURING PULSATILE ADULT CARDIOPULMONARY BYPASS

Lawrence Garrison¹, Jeff Riley², Steve Wysocki¹, Jennifer Souai¹, Hali Julick¹; ¹Franciscan Health Indianapolis, Indianapolis IN and ²State University of New York Upstate, Syracuse NY

EFFECTS OF HEMOCONCENTRATION DURING CARDIOPULMONARY BYPASS ON RENAL FUNCTION POST-OPERATIVELY

Natasha Povar; NSUH-LIUP SCVP

USING A QUALITY IMPROVEMENT INITIATIVE TO REDUCE ACUTE KIDNEY INJURY DURING ON-PUMP CORONARY ARTERY BYPASS GRAFTING

Mitchell Katona, Joshua Walker, Nitin Das, Stewart Miller¹, Edward Sako; The University of Texas Health Science Center at San Antonio, Department of Cardiothoracic Surgery, The University of Texas at San Antonio, College of Business¹

BLOOD FLOW PROFILES OF THREE CONTEMPORARY ADULTS OXYGENATORS

Rik H. J. Hendrix, Yuri M. Ganushchak, Patrick W. Weerwind; Department of Extra-Corporeal Circulation, Maastricht University Medical Centre, Maastricht, The Netherlands

AACP 2019 Poster Presentations

COMPARING TWO OXYGENATORS FOR ARTERIAL OXYGEN CONCENTRATION AND DELIVERY OF OXYGEN DURING CARDIOPULMONARY BYPASS

Ian Nielsen; Quinnipiac University Cardiovascular Perfusion Program

SUCCESSFUL USE OF ECMO FOR A TRACHEAL SLIDE PROCEDURE: A CASE REPORT

Jessica Abellera; NSUH-LIUPost SCVP

EXTRAORDINARY SUCCESSFUL BLOOD MANAGEMENT OF A JEHOVAH WITNESS UNDERGOING MVR, AVR AND TVR

Robert Lorandini; NSUH-LIUP SCVP