ADVANCE PROGRAM
as of July 1, 2014

SATURDAY, JULY 26, 2014

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<td>OPENING LECTURE</td>
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<td>10:15</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
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<td>10:45 – 13:15</td>
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**PL01 Plenary Session**

**NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF CARDIOMYOPATHIES**

THE INTERACTIVE ROLE OF CYTOKINES IN CARDIOMYOCYTE SURVIVAL (Invited Lecture)

**P.K. Singal**, St. Boniface Hospital Research Centre, Winnipeg, Manitoba, Canada

MITOCHONDRIAL DIVISION/MITOPHAGY INHIBITOR (MDIVI) AMELIORATES PRESSURE OVERLOAD INDUCED HEART FAILURE (Invited Lecture)

**S.C. Tyagi**, University of Louisville School of Medicine, Louisville, KY, USA

IMPROVING ENERGY SUPPLY TO MEND A SICK HEART (Invited Lecture)

S. Wu, T. Kim, J. Luo, L. He, Q. Long, Y. Ding, D. Moellering, **Q. Yang**
University of Alabama at Birmingham, Birmingham, AL, USA

EFFECTS OF LONG-TERM THERAPY WITH BENDAVIA (MTP-131), A NOVEL MITOCHONDRIA-TARGETING PEPTIDE, ON SKELETAL MUSCLE FIBER TYPE COMPOSITION IN DOGS WITH CHRONIC HEART FAILURE (Invited Lecture)

**H.N. Sabbah**, Henry Ford Heart & Vascular Institute, Detroit, MI, USA
PL01  Plenary Session  
NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF CARDIOMYOPATHIES (cont.)

ROLE OF OXIDATIVE PROTEIN MODIFICATIONS IN REGULATING KINASE PATHWAYS IN HEART FAILURE: ROLE IN THERAPY (Invited Lecture)  
S. Wang, J. Van Eyk, Johns Hopkins University, Baltimore, MD, USA

MOLECULAR TARGETING OF DILATED CARDIOMYOPATHY (Invited Lecture)  
B.S. Tuana, J. Majors, M. Salih  
University of Ottawa Heart Institute, Ottawa, Canada

TRANSLATING T3 TREATMENT OF HEART FAILURE FROM BENCH TO BEDSIDE: FINALLY, A SAFE TREATMENT/MONITORING PROTOCOL THAT SHOULD WORK! (Invited Lecture)  
A.M. Gerdes, New York Institute of Technology, Old Westbury, NY, USA

DIFFERENCE IN SERUM AMYLOID A LEVELS BETWEEN PATIENTS WITH LEFT VENTRICULAR DYSFUNCTION OF ISCHEMIC AND NON ISCHEMIC ORIGIN (Invited Lecture)  
D. Anzulović-Mirošević, M. Zaninotto, M.M. Mion, M. Plebani, S. Dalla-Volta  
University of Padua Medical School, Italy

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
PL02 Plenary Session

ADVANCES IN CARDIOVASCULAR IMAGING

ECHOCARDIOGRAPHY: PAST, PRESENT AND FUTURE (Invited Lecture)
N.C. Nanda, University of Alabama at Birmingham, Birmingham, AL, USA

PRESENT AND FUTURE OF NUCLEAR CARDIOLOGY AND CARDIAC CT IN CAD:
VALUE-BASED IMAGING (Invited Lecture)
D.S. Berman, Cedars Sinai Medical Center, Los Angeles, CA, USA

STRESS-ONLY IMAGING: A NEW PARADIGM FOR PERFORMING STRESS
MYOCARDIAL PERFUSION IMAGING (Invited Lecture)
J. Mahmarian, Houston Methodist DeBakey Heart and Vascular Center, Houston, Texas, USA

IMAGING ACE AND ANGIOTENSIN RECEPTORS IN THE HEART (Invited Lecture)
J. Shirani, St. Luke's Hospital and Health Network, Bethlehem, PA, USA

HAND HELD CARDIAC ULTRASOUND: ROLE IN CLINICAL PRACTICE
(Invited Lecture)
P.A. Pellikka, Mayo Clinic College of Medicine and Mayo Foundation, Rochester, MN, USA

IMPACT OF CORONARY CT ANGIOGRAPHY ON PATIENT MANAGEMENT AND
CARDIOVASCULAR OUTCOMES: HOW TO INTEGRATE TEST RESULTS IN PATIENT
CARE (Invited Lecture)
R. Blankstein, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

FUNCTIONAL AND ANATOMICAL CARDIAC IMAGING IN PATIENTS WITH
CORONARY ARTERY STENTS (Invited Lecture)
A. Elhendy, Marshfield Clinic, Marshfield, WI, USA

DIAGNOSTIC AND PROGNOSTIC ROLE OF NONINVASIVE CORONARY FLOW
RESERVE (Invited Lecture)
Q. Ciampi, C. Manicardi, B. Villari, Fatebenefratelli Hospital, Benevento, Italy

CARDIAC MAGNETIC RESONANCE IMAGING FOR CORONARY ARTERY DISEASE
(Invited Lecture)
F. Sozzi
Ospedale Maggiore Policlinico, Italy
PL02  Plenary Session
ADVANCES IN CARDIOVASCULAR IMAGING (cont.)

FRACTIONAL FLOW RESERVE (Invited Lecture)
J.A. Garcia, Denver Health Medical Center, Denver, CO, USA

PROGNOSTIC VALUE OF MICROVASCULAR OBSTRUCTION ON MULTIDETECTOR COMPUTED TOMOGRAPHY AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN ACUTE MYOCARDIAL INFARCTION (Invited Lecture)
Toki Municipal General Hospital, Toki, Japan

13:15  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
PL03  Plenary Session

NOVEL THERAPIES FOR ATHEROSCLEROSIS

GUIDING PRINCIPLES IN STATIN UTILIZATION: EMERGING CLINICAL AND PUBLIC HEALTH CHALLENGES (Invited Lecture)
C.H. Hennekens, Florida Atlantic University, Boca Raton, FL, USA

HDL AND THE HDL HYPOTHESIS: WHERE DO WE STAND NOW? (Invited Lecture)
W.E. Boden, Samuel S. Stratton VA Medical Center, Albany, NY, USA

TRANSLATION OF HDL FUNCTIONALITY IN CLINICAL PRACTICE (Invited Lecture)
R.S. Rosenson, Mount Sinai School of Medicine, New York, NY, USA

RESIDUAL VASCULAR RISK AFTER STATIN THERAPY: THE PROMISE OF NOVEL LIPOPROTEIN BIOMARKERS (Invited Lecture)
S. Mora, Brigham and Women's Hospital, Boston, MA, USA

NEW AVENUES IN THE FIGHT AGAINST ATHEROSCLEROSIS (Invited Lecture)
S. Lehoux, McGill University, Montreal, QC, Canada

BIOPHYSICS OF MYELOPEROXIDASE INTERACTIONS WITH HDL: AN INDEX OF FUNCTIONALITY? (Invited Lecture)
K.A. Pritchard Jr., D. Sahoo, A. Chadwick, T. Zaman, H. Zhang, H. Xu, M. Sorci-Thomas, Medical College of Wisconsin, Milwaukee, WI, USA

LDL CARBAMYLATION IN CHRONIC UREMIA: IS THERE A ROLE FOR MYELOID PEROXIDASE? (Invited Lecture)
University of Arkansas for Medical Sciences, Little Rock, AR, USA

RANDOMIZED PHASE II TRIAL TO ASSESS SAFETY AND EFFICACY OF CAPRE IN MILD-TO-SEVERE HYPERTRIGLYCERIDEMIC PATIENTS
T. Sampalis, Y. Pesant, J. Pouliot, Y. Gonzalez, R. Dufour, J.S. Sampalis,
P. Lemieux, F. Amiri, H.W. Waksal, J. Davignon
Acasti Pharma, Laval, QC, Canada

INFLUENCE OF STATINS ON CIRCULATING MICRORNAS DURING PROLONGED AEROBIC EXERCISE
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

13:15  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 26, 2014

10:45 – 13:15

Hall D

S21 Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY, CONGENITAL HEART DISEASE

CHEST COMPRESSIONS DURING SUSTAINED INFLATIONS: A NOVEL TECHNIQUE OF NEONATAL RESUSCITATION THAT IMPROVES RECOVERY AND SURVIVAL IN A NEONATAL PORCINE MODEL

G.M. Schmolzer, M. O'Reilly, J. LaBossiere, T.Z. Lee, S. Cowan, D.L. Bigam, P.Y. Cheung
University of Alberta, Edmonton, Alberta, Canada

CARDIAC FINDINGS IN NOONAN SYNDROME ON LONG-TERM FOLLOW-UP

J.A. Noonan, J.L. Colquitt
University of Kentucky, Lexington, KY, USA

ECHOCARDIOGRAPHIC ASSESSMENT OF UNICUSPID AORTIC VALVE

Mayo Clinic, Rochester, MN, USA

PROGNOSIS FOR PATIENTS WITH HEART FAILURE AFTER PALLIATIVE SURGERY FOR SINGLE VENTRICLE CARDIAC DISEASE

Keck School of Medicine of the University of Southern California, Los Angeles, CA, USA

IMPROVED RESYNCHRONIZATION PACING EFFICACY AMONG CONGENITAL HEART DISEASE PATIENTS WITH REFRACTORY HEART FAILURE

P.P. Karpawich, Y. Sanil, N. Bansal, K. Zelin, H. Singh
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

VELOCITY TIME INTEGRAL OF THORACIC AORTA: A MEASURE TO ASSESS SYSTOLIC FUNCTION OF THE SYSTEMIC RIGHT VENTRICLE IN PATIENTS WITH TRANPOSITION OF THE GREAT VESSELS

R. Ranjan, E. Gucuk Ipek, I.S. Harris
University of California, San Francisco, CA, USA

PREDICTION OF PULMONARY REGURGE AND RIGHT VENTRICULAR FUNCTION IN ASYMPTOMATIC REPAIRED TETRALOGY OF FALLOT PATIENTS IN DEVELOPING COUNTRIES: A COMPARISON TO CARDIAC MRI

Cairo University Hospitals, Pediatric Cardiology, Cairo, Egypt
ISOPROTERENOL-ASSOCIATED RISK STRATIFICATION FOR SUDDEN DEATH AMONG PEDIATRIC PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME: LOCATION-BASED ACCESSORY PATHWAY REFRACTORY PERIODS

A. Bharmannee, H.R. Singh, P.P. Karpawich
The Children's Hospital of Michigan-Wayne State University, Detroit, MI, USA

INDEXES OF MYOCARDIAL REPOLARIZATION ARE ASSOCIATED WITH LEFT TO RIGHT SHUNTS IN VENTRICULAR SEPTAL DEFECT

H. Uchida, M. Nishio, Y. Eryu, T. Watanabe, T. Hata
Fujita Health University, Department of Pediatrics,

13:15  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
P101  THE PLAQUE AND ACUTE CORONARY SYNDROMES

ELECTROCARDIOGRAPHIC CHANGES, TROPONIN ELEVATION AND LENGTH OF STAY AMONG COCAINE USERS ADMITTED FOR CHEST PAIN
F. Garcia Trobo, A. Barbagelata, B. Manduca, F. Visco, G. Pekler
New York Medical College, New York, NY, USA

PLASMA SEROTONIN AND PLATELET AGGREGATION RESPONSE TO COLLAGEN AS A PREDICTOR OF ADVERSE EVENTS
Texas Tech University Health Sciences Center, Lubbock, TX, USA

DECADES AFTER TAKOTSUBO
Easton Hospital, Easton, PA, USA

P102  BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

DELAYED REDUCTION IN CYSTATIN C-BASED GFR AFTER PCI IS A PREDICTOR OF ADVERSE OUTCOMES IN PATIENTS WITH PRESERVED RENAL FUNCTION
Severance Cardiovascular Hospital, Yonsei University Health System, Seoul, Korea

POST STEMI LEFT VENTRICULAR EJECTION FRACTION AND INFARCT SIZE ESTIMATION – ARE SERUM TROPONIN T LEVELS HELPFUL???
Postgraduate Medical Institute, Ameer Ud Din Medical College, Lahore, Pakistan

DOES PRIOR ASPIRIN USE PREDICT THE DEGREE OF PEAK TROPONIN LEVELS IN PATIENTS WITH ACUTE CORONARY SYNDROME?
H.A. Bhatt, D.R. Sanghani, M.B. Perini, G.A. Farnaine
Lutheran Medical Center, Brooklyn, NY, USA

PLASMA PRO-BNP IS NOT A SPECIFIC MARKER FOR TRANSIENT MYOCARDIAL ISCHEMIA
K. Maqsood, J.R. Cook, G.R. Giugliano, A. Lotfi
Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA

INCREMENTAL VALUE OF HIGH SENSITIVITY TROPONIN IN ACUTE CORONARY SYNDROME
A.P. Sadath, G.V. Raghavan, Kims Hospital, Trivandrum, Kerala, India
P103  ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN ACUTE CORONARY SYNDROMES

SAFETY OF ADJUNCTIVE ANTICOAGULATION DURING PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH THERAPEUTIC ORAL ANTICOAGULATION
I. Ahmed, S.J. Voyce, I. Pallekonda
The Wright Center for Graduate Medical Education, Scranton, PA, USA,

ESTIMATING THE CLINICAL VALUE OF CANGRELOR IN PATIENTS UNDERGOING PCI
I.S. Jensen, C. Wu, C.B. Bay, P.L. Cyr, ICON Health Economics, Cambridge, MA, USA

COMPLICATIONS OF INTRACoronARY ABCIXIMAB BOLUS-ONLY VERSUS STANDARD PROTOCOL DURING PERCUTANEOUS CORONARY INTERVENTION IN ACUTE CORONARY SYNDROME
M.T. Shakoor, S. Ayub, S. Dhakam, Baystate Medical Center, Springfield, MA, USA

P104  DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND ATHEROSCLEROSIS: BASIC AND CLINICAL

MEDITERRANEAN DIET, ADIPOnectin LEVELS, GENETIC POLYMORPHISMS AND INCIDENCE OF CARDIOVASCULAR DISEASES IN THE PREDIMED-VALENCIA STUDY
CIBER Fisiopatología de la Obesidad y Nutrición, Instituto de Salud Carlos III, Madrid, Spain

RELATIONSHIP BETWEEN ADMISSION BLOOD GLUCOSE LEVEL AND LONG-TERM CLINICAL OUTCOME IN ACUTE MYOCARDIAL INFARCTION
Nagasaki Citizens Hospital, Nagasaki, Japan

DO WE REACH BETTER LIPID CONTROL IN DIABETIC PATIENTS AFTER PERCUTANEOUS CORONARY INTERVENTION?
University Hospital of Sabadell (Univ Autonoma de Barcelona), Sabadell, Spain
P104 DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND Atherosclerosis: Basic and Clinical (cont.)

1. Prognostic Value of Clinic and Ambulatory Blood Pressure Measurements for Predicting the Risk of Developing Diabetes
   University of Vigo, Vigo, Spain

2. Influence of Time of Day of Blood Pressure-Lowering Treatment on the Risk of Developing New-Onset Diabetes
   University of Vigo, Vigo, Spain

3. The Association of Education and Obesity as Determinants of Pulse Pressure in a Diabetic Population
   H. Aggarwal, J. Liu
   Brock University, St. Catharines, ON, Canada

4. The Relationship Between Job Enrichment and Abdominal Obesity: A Longitudinal Field Study of Apparently Healthy Individuals
   Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

5. Prevalence of Coronary Atherosclerosis in an Asian Population: Findings from Coronary CT Angiography
   S.M. Jung, G.M. Park, C.J. Kim, J.S. Cho, M.W. Park, S.H. Her, Y.H. Kim
   Daejeon St. Mary's Hospital, the Catholic University of Korea, Daejeon, Korea

6. It Can Be Done: Reduction of Obesity & Cardiovascular Disease Risk in a High Risk Population by Lifestyle Changes
   O.S. Randall, J. Kwagyan, M. Ketete, C. Bettencourt, A.R. Maqbool, S. Xu
   Howard University College of Medicine, Washington, DC, USA

7. Optimal Cutoff of Waist Circumference and Waist to Hip Ratio for the Korean Postmenopausal Women
   H-S. Kim, H-R. Kim
   College of Nursing, The Catholic University, Seoul, Korea
P105  PULMONARY CIRCULATION ASPECTS, PULMONARY HYPERTENSION

EXPERIENCE WITH VENO-VENOUS ECMO IN PATIENTS WITH SEVERE ARDS
T. Strecker, J. Roesch, F. Muench, M. Weyand
Friedrich-Alexander-University Erlangen-Nuremberg, Center of Cardiac Surgery, Germany

OBESITY IN PULMONARY ARTERIAL HYPERTENSION: IMPACT OF BODY MASS INDEX (BMI) ON SEVERITY AND OUTCOME
J. Nichols, D. Wilcox, R. Foley, D. Datta
University of Connecticut Health Center, Farmington, CT, USA

CORRELATION BETWEEN PULMONARY ARTERY DIAMETER AND MEAN PULMONARY ARTERY PRESSURE IN PULMONARY ARTERIAL HYPERTENSION ASSOCIATED WITH SCLERODERMA
J.H. Nichols, E. Kaloudis, D. Datta, R. Foley
University of CT Health Center, Farmington, CT, USA

PROCESS/OUTCOME MEASURES OF ADULT VENOUS THROMBOEMBOLUS (VTE) & PULMONARY EMBOLUS (PE) PROPHYLAXIS
D.T. Gray
Agency for Healthcare Research and Quality, Rockville, MD, USA

RIGHT VENTRICULAR MYOCARDIAL STRAIN TO QUANTIFY DYSFUNCTION IN SUBMASSIVE PULMONARY EMBOLISM
Spectrum Health Frederik Meijer Heart & Vascular Institute, Grand Rapids, MI, USA

P106  CARDIOVASCULAR ASPECTS IN RENAL DISEASE

HIGHER CYSTATIN C LEVEL PREDICTS CONTRAST INDUCED NEPHROPATHY IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE WITH PRESERVED NORMAL KIDNEY FUNCTION
Severance Cardiovascular Hospital, Yonsei University Health System, Seoul, Korea

EFFECT OF SEMAPHORIN 3C ON ENDOTHELIAL-TO-MESEMCHYMAL TRANSITION IN POLYCYSTIC KIDNEY DISEASE
B.H. Kim, J.Y. Ko, J.H. Park
Sookmyung Women's University, Seoul, South Korea
P107 SYNCOPE AND SUDDEN DEATH: RISK ASSESSMENT AND MANAGEMENT

ADMISSION POTASSIUM AND PH AS OUTCOME PREDICTORS IN OUT-OF-HOSPITAL CARDIAC ARREST PATIENTS TREATED WITH THERAPEUTIC HYPOTHERMIA
Y. Ji, M. Sidhu, M. Torosoff
Albany Medical College, Albany, NY, USA

UTILITY OF T-WAVE-ALTERNANS AND HEART RATE VARIABILITY FOR RISK ASSESSMENT IN BRUGADA SYNDROME
S. Sakamoto, M. Takagi, H. Tatsumi, A. Doi, M. Yoshiyama
Osaka City University Graduate School of Medicine, Osaka City, Japan

THE IMPACT OF VASOPRESSOR AND OR INOTROPE USE DURING THERAPEUTIC HYPOTHERMIA ON NEUROLOGIC OUTCOME IN CARDIAC ARREST DUE TO SHOCKABLE RHYTHM
C. Parks, S.U. Nair, J. Lundbye
University of Connecticut School of Medicine, Farmington, CT, USA

A POTENT DOMINANT NEGATIVE MUTATION IN HERG IN A CHINESE FAMILY EXPERIENCING LONG QT SYNDROME, EPILEPSY, AND UNEXPECTED SUDDEN DEATH
G.L. Li, J.E. Wu, W.Q. Han, S.T. Ma, A.F. Zhang, G. Cheng, X.X. Xue, C.F. Sun
The First Affiliated Hospital, Xi'an Jiaotong University College of Medicine, Xi'an, Shaanxi, China

SUDDEN CARDIAC DEATH IN SUB-SAHARAN AFRICA: PERSPECTIVES FROM UNIVERSITY OF MAIDUGURI TEACHING HOSPITAL, NIGERIA
M.A. Talle, B. Bakki, F. Buba, C.O. Anjorin, H. Yusuph, A. Kane, A. Bonny
University of Maiduguri Teaching Hospital, Maiduguri, Borno, Nigeria

TRANSIENT EPISODES OF UNRESPONSIVENESS IN A PATIENT ON METHADONE
S. Kanneganti, B. Khalighi, K. Khalighi
Easton Hospital, Easton, PA, USA
PL04  Plenary Session
CARDIOVASCULAR DISEASE PREVENTION AND RISK FACTORS

GENDER DISPARITY IN CORONARY HEART DISEASE: BIAS, BIOLOGY, OR BOTH? (Invited Lecture)
N.K. Wenger, Emory University School of Medicine, Atlanta, GA, USA

TIME TO FOCUS ON CV HEALTH (NOT CV DISEASE) (Invited Lecture)
L.S. Sperling, Emory University School of Medicine, Atlanta, GA, USA

NEW GUIDELINES ON CARDIOVASCULAR RISK ASSESSMENT (Invited Lecture)
N.D. Wong, University of California, Irvine, CA, USA

RISK FACTORS FOR CARDIOVASCULAR DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE (Invited Lecture)
M.A. Alpert, University of Missouri- Columbia School of Medicine, Columbia, MO, USA

THE INFLUENZA VACCINE- PREVENTING CARDIOVASCULAR EVENTS IN HIGH-RISK PATIENTS (Invited Lecture)
M.E. Farkouh, Toronto General Hospital, Toronto, ON, Canada

TWENTY YEARS OF C-REACTIVE PROTEIN IN CARDIOLOGY: STILL AN APPEALING MARKER OF DISEASE? (Invited Lecture)
L.M. Biasucci, Policlinico A. Gemelli, Catholic University of the Sacred Heart, Rome, Italy

ASSOCIATION BETWEEN OBSTRUCTIVE SLEEP APNEA AND CORONARY ARTERY DISEASE (Invited Lecture)
A. Tamura, Oita University, Yufu, Japan

INTEGRATIVE AND COMPLEMENTARY MEDICINE IN CARDIOLOGY: NEW HOPE OR JUST HIP AND HYPE? (Invited Lecture)
F.V. Mody, VA Greater Los Angeles HCS, CA, USA

WOMEN AND HEART DISEASE: UPDATE ON PREVENTION (Invited Lecture)
S. Malik, UC Irvine, CA, USA

ASSOCIATION BETWEEN SERUM VITMAIN D LEVELS AND ATHEROSCLEROSIS: A META ANALYSIS
P. Agasthi, S. Levis-Dusseau, L. Tamariz, University of Miami, Miami, Florida, USA

16:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL05  Plenary Session
PREDICTION AND PREVENTION OF SUDDEN CARDIAC DEATH

POTENTIAL THERAPY FOR THE PREVENTION OF SUDDEN CARDIAC DEATH
(Invited Lecture)
N.S. Dhalla, St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, Canada

PREDICTION OF ARRHYTHMIC EVENTS WITH POSITRON EMISSION TOMOGRAPHY (Invited Lecture)
M.E. Cain, University at Buffalo, Buffalo, NY, USA

CLINICAL EFFECTIVENESS OF CRT AND ICD THERAPY IN PATIENTS WITH HEART FAILURE BY RACE AND GENDER: FINDINGS FROM IMPROVE HF (Invited Lecture)
A.B. Curtis, University at Buffalo, Buffalo, NY, USA

MITOCHONDRIAL DYSFUNCTION AND ARRHYTHMIC RISK: POSSIBLE NEW THERAPIES FOR SUDDEN DEATH (Invited Lecture)
C. Rutledge, K.C. Yang, M. Liu, H. Liu, S.C. Dudley
Brown University, Providence, RI, USA

PREVENTION OF SUDDEN CARDIAC DEATH DURING SPORTS: THE POWER OF PRE-PARTICIPATION SCREENING (Invited Lecture)
D. Corrado, University of Padua Medical School, Padova, Italy

THE SHORT QT SYNDROME AND SUDDEN CARDIAC DEATH (Invited Lecture)
M.H. Gollob, University of Ottawa Heart Institute, Ottawa, ON, Canada

ABLATION OF IDIOPATHIC VENTRICULAR TACHYCARDIA (Invited Lecture)
K.S. Srivathsan, Mayo Clinic, Arizona, USA

A CASE OF ORTHOSTATIC HYPOTENSION AND RECENT ADVANCES (Invited Lecture)
G.L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

NON-INVASIVE RISK STRATIFICATION IN BRUGADA SYNDROME WITHOUT HISTORY OF CARDIAC ARREST: PROGNOSTIC VALUE OF J-WAVE AND ST-SEGMENT MORPHOLOGY (Invited Lecture)
M. Takagi, Osaka City University Graduate School of Medicine, Osaka, Japan

16:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL06  Plenary Session
INFLAMMATION AND CARDIOVASCULAR DISEASE MECHANISMS

INNATE IMMUNITY AND HEART DISEASE (Invited Lecture)
A.A. Knowlton, University of California, Davis, CA, USA

ROLE OF ENDOTHELIN-1 AND CAMKINASE II SIGNALING IN CARDIOVASCULAR COMPLICATIONS (Invited Lecture)
A.K. Srivastava, CRCHUM, University of Montreal, Montreal, Quebec, Canada

INFLAMMATION AND POST-ISCHEMIC CARDIAC REMODELING: MOLECULAR MECHANISMS AND THERAPEUTIC PERSPECTIVES (Invited Lecture)
J.S. Silvestre, Paris-Centre de Recherche Cardiovasculaire, Paris, France

EPIGENETIC REGULATION OF LAMINAR FLOW-MEDIATED GENES AND ATHEROSCLEROSIS (Invited Lecture)
Z-G. Jin, University of Rochester School of Medicine and Dentistry, New York, USA

REGULATION OF INTESTINAL GENES BY AN 18 MER PEPTIDE REDUCES SYSTEMIC INFLAMMATION AND IMPROVES CARDIOVASCULAR STATUS (Invited Lecture)
K.D. Navab, S. Seyedali, N. Ghiam, S. Saremi, G. Hough, M. Navab
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

NOVEL ALTERNATIVE MECHANISMS OF CARDIOVASCULAR CALCIFICATION (Invited Lecture)
E. Aikawa, Harvard Medical School, Brigham and Women’s Hospital, Boston, MA, USA

PHARMACOLOGICAL MODULATION OF ANGIOTENSIN-II-INDUCED ARTERIAL MONONUCLEAR CELL ADHESION BY NUCLEAR RECEPTORS ACTIVATION (Invited Lecture)
M.J. Sanz, Institute of Health Research INCLIVA, Universidad de Valencia, Spain

TRAINING OF CARDIOVASCULAR PHYSICIAN-SCIENTISTS: RESULTS OF SPECIFIC TRAINING PATHWAYS
J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

ENDOGENOUS MODULATION OF EXTRACELLULAR MATRIX PROTEINS DURING SCAR FORMATION AFTER MYOCARDIAL INFARCTION
S. Simsekylmaz, A. Curaj, M. Staudt, M. Rusu, P. Boor, X. Li, O. Bucur, T.T. Soenmez, A. Schuh, E.A. Liehn
Institute for Molecular Cardiovascular Research (IMCAR), RWTH Aachen University, Germany
14:00 – 16:30 Hall C

PL06  Plenary Session
INFLAMMATION AND CARDIOVASCULAR DISEASE MECHANISMS (cont.)

REGULATION OF ENDOTHELIAL VCAM-1 EXPRESSION VIA MODULATION OF ANTIOXIDANT PATHWAY
A. Ziaei, S. Masli
Boston University School of Medicine, Boston, MA, USA

CHRONIC KIDNEY DISEASE AUGMENTS CARDIOVASCULAR RISK: MODULATION OF MYOCARDIAL BLOOD FLOW REGULATION AND CYP450 ARACHIDONIC ACID METABOLITES
Laval University, Quebec, Canada

ROLE OF NON-GENOMIC SIGNALING IN THE TISSUE SPECIFIC AND VASCULAR PROTECTIVE EFFECTS OF ESTROGEN
Tufts Medical Center, Boston, MA, USA

16:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S22  Session
NEW DIRECTIONS IN CARDIOVASCULAR SURGERY

CHARACTERIZATION OF READMISSIONS IN THE LVAD SUPPORTED HEART FAILURE POPULATION
Providence Sacred Heart Medical Center, Spokane, WA, USA

CAN BLOOD TYPE O PATIENTS ON LVADS BE AT INCREASED RISK FOR GI BLEEDS?
Providence Sacred Heart Medical Center, Spokane, WA, USA

PARADOXICAL ASSOCIATION OF SMOKING AND OUTCOMES AMONG HEART TRANSPLANT RECIPIENTS
New York Medical College, Valhalla, NY, USA

PROENKEPHALIN PREDICTS ACUTE KIDNEY INJURY IN CARDIAC SURGERY PATIENTS
K.S. Shah, P.R. Taub, M. Patel, M. Exner, J. Struck, P. Clopton, A. Maisel
VA San Diego Healthcare System, San Diego, CA, USA

QUALITY OF LIFE OUTCOMES IN ELDERLY PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY: WHAT IS THE EVIDENCE?
Royal Prince Alfred Hospital, Sydney, NSW, Australia

RELATIONSHIP BETWEEN THE ANGIOGRAPHICALLY DERIVED SYNTAX SCORE AND OUTCOMES IN HIGH-RISK PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION
S.J. Brener, A.J. Prasad, R. Abdula, T.J. Sacchi
NY Methodist Hospital, Brooklyn, NY, USA

MANAGEMENT OF HEPARIN INDUCED THROMBOCYTOPENIA AND LEFT VENTRICULAR THROMBUS IN A PATIENT WITH CARDIOGENIC SHOCK
H. Keshmiri, B. Mohmedali, G. Bhat, A. Tatooles, G. Sayer
University of Illinois at Chicago/ Advocate Christ Medical Center, Chicago, IL, USA
S22  Session
NEW DIRECTIONS IN CARDIOVASCULAR SURGERY (cont.)

IS PRIOR CORONARY REVASCULARIZATION RELATED TO HIGHER MORTALITY RATE IN A HIGH RISK US VETERAN POPULATION?
A. Patel, M.B. Quraishi, O.I. Mufti, R. Markert, A. Agarwal
Wright State University Boonshoft School of Medicine, Dayton, OH, USA

AORTOESOPHAGEAL FISTULA AFTER THORACIC ENDOVASCULAR AORTIC STENT-GRAFT PLACEMENT: A POTENTIAL FATAL COMPLICATION
M.S. Rawala, R. Ali, A. Nanjundappa
Charleston Area Medical Center, Charleston, WV, USA

16:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL07  Plenary Session
GENETIC ASPECTS OF CARDIOVASCULAR DISEASE / STEM CELL AND GENE THERAPY

GENETIC DISRUPTION OF NPR1 UPREGULATES CARDIAC EXPRESSION OF PROINFLAMMATORY MEDIATORS (Invited Lecture)
K.N. Pandey, Tulane University School of Medicine, New Orleans, LA, USA

STEM CELL-DERIVED MEGAKARYOCYTES: TOWARDS UNDERSTANDING GENETIC CONTROL OF PLATELET FUNCTION (Invited Lecture)
L.C. Becker, Johns Hopkins University School of Medicine, Baltimore, MD, USA

STEM CELL AND GENE THERAPY FOR HEART FAILURE (Invited Lecture)
L.W. Miller, University of South Florida, Tampa, FL, USA

MECHANOSENSITIVE MICRONRNAS IN ENDOTHELIAL INFLAMMATION AND ATHEROSCLEROSIS: PREVENTION OF ATHEROSCLEROSIS BY ANTI-MIR-712 IN MICE (Invited Lecture)
H. Jo, Dept. of Biomedical Engineering, Emory University, Atlanta, GA, USA

CARBON NANOTUBES SCAFFOLDS AS A NEW BASIS FOR CARDIAC TISSUE ENGINEERING (Invited Lecture)
C. Long, L. Mestroni, University of Colorado Health Sciences Center, Denver Health Medical Center, Denver, CO, USA

THE ROLE OF PROGENITOR CELLS IN ATHEROSCLEROSIS (Invited Lecture)
N.M. Caplice, University College Cork, Cork, Ireland

GENETIC FACTORS INFLUENCING CAROTID ARTERY SIZE IN AMERICAN INDIANS (Invited Lecture)
J.N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

GENETIC DISCOVERY OF CVD IN DIABETIC PATIENTS (Invited Lecture)
L. Qi, Harvard School of Public Health, Boston, MA, USA

CILIA AND CONGENITAL HEART DISEASE: WHAT IS THE CONNECTION? (Invited Lecture)
M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA
PL08  Plenary Session
MECHANISMS OF ACUTE CORONARY SYNDROME: FROM BENCH TO BEDSIDE

TOLL-LIKE RECEPTOR 9 REGULATION OF COAGULATION IN ACUTE CORONARY ARTERY DISEASE (Invited Lecture)
J.G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

HIGH SENSITIVITY CARDIAC TROPONIN – A CARDIOLOGIST’S FRIEND OR FOE?
(Invited Lecture)
S. Schaefer, University of California, Davis, CA, USA

THE EVOLUTION OF ANTIPLATELET THERAPY FOR ACS - FROM BENCH TO BEDSIDE (Invited Lecture)
S.J. Brener, NY Methodist Hospital, NY, USA

INTRODUCTION OF A MOUSE MODEL THAT REFLECTS HUMAN ATHEROSCLEROTIC PLAQUE INSTABILITY AND RUPTURE: A UNIQUE TOOL FOR DISCOVERY OF STRATEGIES TOWARDS PLAQUE PACIFICATION AND ULTIMATELY PREVENTION OF MYOCARDIAL INFARCTION (Invited Lecture)
K. Peter, Baker IDI Heart and Diabetes Institute, Victoria, Australia

IMPAIRED ENDOGENOUS THROMBOLYSIS- A NOVEL, POINT-OF-CARE BIOMARKER PREDICTIVE OF ADVERSE CARDIOVASCULAR EVENTS
(Invited Lecture)
D.A. Gorog, Imperial College, London, UK

TRIGGERS OF ACUTE CARDIOVASCULAR EVENTS: CLINICAL IMPLICATIONS
(Invited Lecture)
M. Madjid, Texas Heart Institute, Houston, TX, USA

INTRAVASCULAR NEAR-INFRARED FLUORESCENCE MOLECULAR IMAGING OF INFLAMED PLAQUES (Invited Lecture)
E.A. Osborn, Massachusetts General Hospital, Boston, MA, USA

EVOLVING ROLE OF PLATELET FUNCTION TESTING IN ACUTE CORONARY SYNDROMES (Invited Lecture)
R.K. Sharma, University of Arkansas Medical Science, Little Rock, AR, USA

RISK STRATIFICATION OF VERY LATE DES FAILURE BY THE EVALUATION OF NEOATHEROSCLEROSIS (Invited Lecture)
Y. Ueda, Osaka Police Hospital, Osaka University Graduate School of Medicine, Japan
S23 Session
VALVULAR HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS

SEVERE LEFT VENTRICULAR DYSFUNCTION IS NOT A CONTRAINDICATION TO AORTIC VALVE REPLACEMENT FOR AORTIC INSUFFICIENCY
Brigham and Women's Hospital, Boston, MA, USA

OUTCOMES OF A HYBRID APPROACH OF PERCUTANEOUS CORONARY INTERVENTION FOLLOWED BY MINIMALLY INVASIVE AORTIC VALVE REPLACEMENT
Mount Sinai Medical Center, Miami Beach, FL, USA

DOES VALVULOARTERIAL IMPEDANCE IMPACT PROGNOSIS AFTER SURGERY FOR SEVERE AORTIC STENOSIS IN THE ELDERLY?
M. Katayama, M.Q. Najib, P. Marella, E.M. McMahon, M. Belohlavek, H.P. Chaliki, Mayo Clinic, Scottsdale, AZ, USA

NATIONWIDE TRENDS IN THE INCIDENCE AND OUTCOMES OF ACUTE RHEUMATIC FEVER IN THE UNITED STATES
New York Medical College, Valhalla, NY, USA

HYBRID APPROACH OF PERCUTANEOUS CORONARY INTERVENTION AND MINIMALLY INVASIVE MITRAL VALVE SURGERY IN PATIENTS WITH CORONARY ARTERY AND MITRAL VALVE DISEASE
Mount Sinai Medical Center, Miami Beach, FL, USA

MINIMALLY INVASIVE ISOLATED AORTIC VALVE REPLACEMENT IN OCTOGENARIANS
Mount Sinai Medical Center, Miami Beach, FL, USA

FACTORS ASSOCIATED WITH PROCEDURAL FAILURE AND COMPLICATIONS FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT
K.B. Shah, B.B. Padaliya, R.S. Boxer, J.M. Albert, B.D. Hoit
University Hospitals Case Medical Center, Cleveland, OH, USA
S23 Session
VALVULAR HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS (cont.)

THE EFFECT OF LOW EJECTION FRACTION IN ISOLATED AORTIC INSUFFICIENCY ON LEFT VENTRICULAR REMODELING AFTER AORTIC VALVE REPLACEMENT
Y. Ozen, S. Sarikaya, O. Altas, E. Kafali, M.B. Rabus, K. Kirali
Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

MINIMALLY INVASIVE AORTIC VALVE REPLACEMENT IMPROVES OUTCOMES OF REOPERATIVE AORTIC VALVE REPLACEMENT
Brigham and Women's Hospital, Boston, MA, USA

THE PROFOUND IMPACT OF DILATED LEFT VENTRICULAR OUTFLOW TRACT ON DOPPLER STROKE VOLUME AND AORTIC VALVE AREA ESTIMATION
A.S. Ayyoub, M. Habashy-Ibrahim, R. Doane, S.B. Labib
Lahey Hospital and Medical Center, Burlington, MA, USA

A NEW AORTOTOMY TECHNIQUE FOR AORTIC VALVE REPLACEMENT: REVERSE ‘U’ AORTOTOMY (KIRALI INCISION)
K. Kirali
Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

A SYSTEMATIC REVIEW ON THE QUALITY OF LIFE BENEFITS AFTER AORTIC VALVE REPLACEMENT SURGERY IN THE ELDERLY
Royal Prince Alfred Hospital, Sydney, NSW, Australia
SATURDAY, JULY 26, 2014

16:45 – 19:15

Hall D

S24 Session

SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL

HYPERTENSION WAS NOT A PREDICTOR OF CLINICAL EVENTS AT ONE-YEAR IN PATIENTS WITH ACUTE ST-ELEVATION MYOCARDIAL INFARCTION WHO UNDERWENT PRIMARY CORONARY INTERVENTION

Pusan National University Hospital, Busan, South Korea

ASLEEP BLOOD PRESSURE IS AN INDEPENDENT PREDICTOR OF CARDIOVASCULAR EVENTS: THE HYGIA PROJECT

University of Vigo, Vigo, Spain

UNCONTROLLED HYPERTENSION IN UGANDA: A COMPARATIVE CROSS SECTIONAL STUDY

G. Musinguzi, J.P. Vangeertruyden, H. Bastiaens, F. Nuwaha
Makerere University School of Public Health, Kampala, Uganda

CYP2D6 GENETIC INFORMATION-GUIDED METOPROLOL USE IN A CARDIOLOGY CLINIC – A PERSPECTIVE STUDY

B. Khalighi, Y. Wu, W.Q. Fan, A. Mirabbasi, R. Thachil, E.J. Mascarenhas, K. Khalighi
Temple University, Philadelphia, PA, USA

GASTRIN AND D1 DOPAMINE RECEPTOR INTERACT TO INDUCE NATRIURESIS AND DIURESIS

Daping Hospital, The Third Military Medical University, Chongqing, P.R. China

COMPARISON OF ILOPROST AND NITRIC OXIDE FOR TREATMENT OF PULMONARY HYPERTENSION IN THE SETTING OF CARDIOVASCULAR SURGERY- A META-ANALYSIS

J.M. Martinez, P. Vijayvargiya, L. Tamariz, S. Chaparro
University of Miami Miller School of Medicine Regional Campus, Atlantis, FL, USA

SLEEP-TIME, NOT AWAKE BLOOD PRESSURE, DETERMINES THE TRUE PROGNOSTIC VALUE OF MASKED HYPERTENSION

University of Vigo, Vigo, Spain
S24  Session
SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL (cont.)

DECODING WHITE COAT HYPERTENSION
D.A. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

ANTIHYPERTENSIVE EFFICACY OF CHLORTALIDONE- VERSUS
HYDROCHLOROTHIAZIDE- ANGIOTENSIN RECEPTOR BLOCKER COMBINATION
THERAPY: A META-ANALYSIS OF RANDOMIZED TRIALS
M.N. Miller, E Mora-Garzon, R Chait, L Tamariz
University of Miami Palm Beach Regional Campus, Atlantis, FL, USA

INFLUENCE OF LONG TERM THERAPY WITH VALSARTAN, EPROSARTAN OR
LOSARTAN ON DIASTOLIC DYSFUNCTION AND NT-PROBNP LEVEL IN
HYPERTENSIVES
L.T. Popescu, N.C. Sapojnic, A.P. Caraush, O.S. Calenici
Institute of Cardiology, Chisinau, Moldova

LEFT VENTRICULAR SYSTOLIC AND DIASTOLIC FUNCTION DURING PERMISSIVE
HYPERTENSION IN ACUTE ISCHEMIC STROKE
The Medical City, Pasig City, Philippines
P201 NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

A RETROSPECTIVE CHART REVIEW TO DETERMINE PROPER STRESS TEST UTILIZATION IN LOW RISK CHEST PAIN PATIENTS
Y. Nawaz, B. Ayub
Lehigh Valley Health Network, Allentown, PA, USA

INFLUENCE OF PROCEDURE TIME ON HEMOGLOBIN DROP AS A COMPONENT OF MAJOR BLEEDING DEFINITION IN PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN US ACADEMIC CENTER
S. Shawar, M. Alghrouz, O. Alasad, A. Tayyem, M. Bheemarasetti, A.R. Alemam, S. Gilani, W. Khalife
University of Texas Medical Branch, Galveston, Texas, USA

US ACADEMIC CENTER EXPERIENCE IN DOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION USING VARIOUS BLEEDING AVOIDANCE STRATEGIES
M. Alghrouz, S. Shawar, O. Alasad, A. Tayyem, M. Bheemarasetti, A.R. Alemam, S. Gilani, W. Khalife
University of Texas Medical Branch, Galveston, Texas, USA

STUDY THE HEMODYNAMIC COMPONENTS OF ICU (INTENSIVE CARE UNIT) PATIENTS WITH USCOM
Maseeh Daneshvari Hospital, Shaheedbehesht University, Tehran, Iran

P202 CAD: SECONDARY PREVENTION, CARDIAC REHAB, PROGNOSIS

LIPID LEVELS IN PATIENTS AFTER PERCUTANEOUS CORONARY INTERVENTION IN THE REAL LIFE
University Hospital of Sabadell (Univ Autonoma de Barcelona), Sabadell, Spain

TYPE D PERSONALITY PREDICTS RISK FACTORS AND CLINICAL OUTCOMES IN POST ACUTE CORONARY SYNDROME PATIENTS
Virgen de las Nieves University Hospital, Granada, Spain
P202  CAD: SECONDARY PREVENTION, CARDIAC REHAB, PROGNOSIS (cont.)

PSYCHOLOGICAL DISTRESS AND RECURRENT CARDIAC EVENTS AFTER PERCUTANEOUS CORONARY INTERVENTION
J.H. Park, S.H. Bae
Ajou University, Suwion, Gyeonggi, South Korea

EARLIER MYOCARDIAL INFARCTION AS AN EXPLANATION OF THE SMOKER PARADOX: A QUANTITATIVE APPROACH
Virgen de las Nieves University Hospital, Granada, Spain

TRANSITIONAL NURSING CARE PROGRAM FOR PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION
S.H. Bae, J.H. Park
College of Medicine, Dong-A University, Busan, Republic of Korea

P203  EXERCISE AND THE CARDIOVASCULAR SYSTEM

A COMPARISON OF THE SIX MINUTE WALK TEST AND THE SUB MAXIMAL STRESS TEST FOR ASSESSMENT OF FUNCTIONAL STATUS PRIOR TO PARTICIPATION IN CARDIAC REHABILITATION
J. Yee, J. Onwuchekwa, Z. Chen, R. Leaverton, S. Smalling, M. Lerman, F. Fuentes
Icahn School of Medicine at Mount Sinai, Queens Hospital Center, Jamaica, NY, USA

EXERCISE IMPROVES CARDIAC FUNCTION IN DIABETIC RATS
T.H. Ko, D.Y. Seo, S.R. Lee, N. Kim, J. Han
Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea

THE EFFECTS OF PSYCHOLOGICAL STRESS IN BLOOD PRESSURE DURING EXERCISE TESTING
V.C. Romero, E.R. Silva, J.J. Villasmil, G.A. Bermudez, F. Madueno
Institutes of Cardiovascular Disease of Luz Maracaibo, Zulia, Venezuela
P204 DIAGNOSTIC ELECTROPHYSIOLOGY AND ABLATION

MODIFIED HATCH SCORE PREDICTS 6-MONTH RECURRENCE OF ATRIAL FIBRILLATION AFTER PULMONARY VEIN ISOLATION: DATA FROM THE UNIVERSITY OF MASSACHUSETTS ATRIAL FIBRILLATION REGISTRY

University of Massachusetts Medical School, Worcester, MA, USA

USE OF VASCULAR COLLAGEN SEALING DEVICE TO CLOSE VASCULAR ACCESS IN PATIENTS UNDERGOING ELECTROPHYSIOLOGICAL PROCEDURES

I. Maraj, A.S. Budzikowski, S. Kumar, W. Ali, C. Mitre, J.T. Kassotis
SUNY Downstate Medical Center, Brooklyn, NY, USA

TRENDS AND OUTCOMES IN CATHETER ABLATION OF VENTRICULAR TACHYCARDIA IN ISCHEMIC CARDIOMYOPATHY

New York Medical College, Valhalla, NY, USA

PROCEDURAL TIME IMPROVES WITH OPERATOR EXPERIENCE IN PULMONARY VEIN ISOLATION USING THE CRYOBALLOON

J.M. Kirzner, J.S. Snow, S.R. Bender, S.P. Parekh
Island Cardiac Specialists, Garden City, New York, USA

EFFECT OF LEFT ATRIAL SIZE AND PRESSURE ON ABLATION TIME AND CLINICAL OUTCOMES WITH CRYOABLATION USING NEW GENERATION ARCTIC FRONT ADVANCE BALLOON IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION

S. Banga, N. Chalfoun, A. Gauri, D. Elmouchi, M. Dahu, B. Finta
Frederik Meijer Heart & Vascular Institute, Spectrum Health, Grand Rapids, MI, USA

FOOD IN THE BRAIN: A RARE COMPLICATION OF LEFT-ATRIAL ABLATION

H. Keshmiri, J. Zifra, K. Wells, M. Wichter
University of Illinois at Chicago/ Advocate Christ Medical Center, Chicago, IL, USA
P205 PACEMAKERS AND IMPLANTABLE CARDIAC ARRHYTHMIA DEVICES

PERMANENT PACEMAKER UTILIZATION IN ELDERLY PATIENTS WITH SYNCOPE AND CAROTID SINUS SYNDROME
New York Medical College, Valhalla, NY, USA

ORAL ANTICOAGULATION AND DEVELOPMENT OF POCKET HEMATOMAS FOLLOWING CARDIAC DEVICE IMPLANTATION
P.A. Howard, B.L. Melton, A. Goerdt, J. Casey
University of Kansas, Kansas City, KS, USA

CEPHALIC VEIN CUTDOWN FOR LEFT VENTRICULAR LEAD PLACEMENT IN BIVENTRICULAR DEVICE UPGRADES
H Paydak, S Pant, K Siddique, D Singh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

SUBCUTANEOUS IMPLANTABLE CARDIOVERTER DEFIBRILLATOR IMPLANTATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
A. Gupta, F. Subzposh, H. Saltzman, S.P. Kutalek
Drexel University College of Medicine, Philadelphia, PA, USA

PERICARDITIS INDUCED HYponATREMIA FOLLOWING PERMANENT PACEMAKER IMPLANTATION
E. Rakhshan, K. Khalighi
Easton Hospital, Drexel University College of Medicine, Easton, PA, USA

AN IMPLANTABLE CARDIAC DEVICE LEAD AND ANTIPHOSPHOLIPID SYNDROME CAUSING A RARE COMPLICATION - SUPERIOR VENA CAVA SYNDROME
A. Kodali, K. Khalighi, O. Sharma
Easton Hospital, Easton, PA, USA
P206  PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

OXIDATIVE AND HYPOXIC STRESS IN SUSTAINED INFLATION RESUSCITATION IN A SWINE MODEL OF NEONATAL HYPOXIA
S. Cowan, G.M. Schmolzer, T.F. Lee, M. O'Reilly, J. Labossiere, D. Bigam, P.Y Cheung
University of Alberta, Edmonton, Alberta, Canada

CONGENITAL HEART DISEASE IN THE NEWBORNS OF IRANIAN DIABETIC MOTHERS
Z. Khalili, M. Behjati Ardekani, A. Jariani
Mardom Hospital, Tehran, Iran

OPTICAL COHERENCE TOMOGRAPHY IMAGING OF THE PATENT DUCTUS ARTERIOSUS: FIRST KNOWN USES IN CONGENITAL HEART DISEASE
J.A. Hill, M. Costa, H. Bezerra, C. Snyder, T.G. Mahadevaiah, M.W. Jenkins
Rainbow Babies & Children's Hospital, University Hospitals Case Medical Center Cleveland, OH, USA

HEART: HELPING EMERGING ADULTS WITH CONGENITAL HEART DISEASE RECONCILE TRANSITION
A. Stefanescu, O. Hsin, H. Kamin, E. Oglesbee, J.D. Serfas, B. Masek, R. Liberthson, A. Bhatt
Massachusetts General Hospital, Boston, MA, USA

TRANSCATHETER CLOSURE OF PATENT DUCTUS ARTERIOSUS IN CHILDREN WEIGHING LESS THAN 6 KG
N. Llanos, E. Vallejo, A. Valencia
Universidad Libre, Cali, Colombia

VECTORCARDIOGRAPHIC VERSUS 12-LEAD CHANGES IN KAWASAKI DISEASE
D.L. Cortez, A.C. McCanta, P.N. Jones
Children's Hospital of Colorado, Aurora, CO, USA
P207 MISCELLANEOUS

ACCURATE MURMUR RECOGNITION IN CARDIOLOGISTS - PREMATURE REQUIEM OR PHOENIX RISING?
Y. Nawaz, M.W. Martinez, M.J. Barrett
Lehigh Valley Health Network, Allentown, PA, USA

TRANSFUSIONS ASSOCIATED WITH LEFT HEART CATHETERIZATION IN PATIENTS WITH CIRRHOSIS AND THROMBOCYTOPENIA
F. Shah, C.P. Mehta, D. Doukas, A. Darki
Loyola University Medical Center, IL, USA

CARDIAC ABNORMALITIES IN PRE-HEMATOPOIETIC STEM CELL TRANSPLANTATION EVALUATION OF MULTIPLE MYELOMA
Istanbul Science University, Istanbul, Turkey

PROGRESSION OF CAROTID ARTERIOSCLEROSIS MAY NOT BE ASSOCIATED WITH CEREBRAL INFARCTION
N. Tanji, T. Matsubara, J. Suzuki, E. Mori, T. Kon, T. Tabata, E. Matsubara, T. Tomaru
Toho University Sakura Hospital, NTT East, Japan
08:30 – 11:00  Hall A

**PL09  Plenary Session**
**PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSM AND PERIPHERAL ARTERY DISEASE**

TEMPORAL VARIATION IN ACUTE AORTIC DISEASES: ONLY A RANDOM PHENOMENON? (Invited Lecture)
**R. Manfredini**, University of Ferrara, Italy

SUCCESSFUL EVAR PROGRAM FOR AAA IN A RURAL HOSPITAL (Invited Lecture)
**S.M. Butman**, J. Schor
Verde Valley Medical Center, Cottonwood, AZ, USA

REGULATORY T CELLS IN ABDOMINAL AORTIC ANEURYSMS (Invited Lecture)
**Y. Zhou**, J.S. Lindholt, W. Wu, P. Libby, **G.P. Shi**
Brigham and Women's Hospital, Boston, MA, USA

GUILT BY ASSOCIATION: A PARADIGM FOR DETECTING A SILENT KILLER (THORACIC AORTIC ANEURYSM) (Invited Lecture)
**J.A. Elefteriades**, Yale University School of Medicine, New Haven, CT, USA

CONTRADICTORY EFFECTS OF HYPERLIPIDEMIA AND DIABETES MELLITUS ON PROGRESSION OF ABDOMINAL AORTIC ANEURYSM: PATHOBIOLOGICAL MECHANISMS (Invited Lecture)
The Hebrew University of Jerusalem, Jerusalem, Israel

MOLECULAR DRIVERS OF VASCULAR REMODELING (Invited Lecture)
**Z. Galis**, Division of Cardiovascular Sciences, NIH, Bethesda, MD, USA

POLYVASCULAR DISEASE: VASCULAR FUNCTION, IMAGING AND TREATMENT (Invited Lecture)
**T. Tomaru**, T. Matsubara, E. Mastubara, Toho University Sakura Hospital, Japan

USE OF FRACTION FLOW RESERVE TO PREDICT CHANGES OVER TIME IN MANAGEMENT OF SUPERFICIAL FEMORAL ARTERY (Invited Lecture)
Tufts University School of Medicine, Baystate Medical Center, Springfield, MA, USA

PERIPHERAL BLOOD- BUT NOT BONE MARROW-DERIVED ENDOTHELIAL PROGENITOR CELL THERAPY LIMITS EXPERIMENTAL ABDOMINAL AORTIC ANEURYSM DEVELOPMENT
**G. Franck**, J. Dai, E. Allaire, M. Gervais
CNRS EAC 7054, Paris-Est Creteil University, Creteil, France
PL09  Plenary Session
PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSM AND PERIPHERAL ARTERY DISEASE (cont.)

RAPAMYCIN INHIBITS THORACIC AORTIC ANEURYSM FORMATION THROUGH SUPPRESSION OF PRO-INFLAMMATORY MEDIATORS
J.M. Cao, Q.H. Wu, L. Geng, X.N. Chen, F. Wu, Y. Chen
Shanghai Jiaotong University School of Medicine Ruijin Hospital, Shanghai, China

IS CILOSTAZOL A GOOD CHOICE TO REDUCE RESTENOSIS AFTER PERIPHERAL VASCULAR DISEASE STENTING? A META-ANALYSIS
D. Garcia, M. Ansari, R. Nascimento, A. Benjo, C. Kwarteng, A. Ferreira, C. Alfonso, C. Mendoza
University Of Miami, Miller School of Medicine/ Jackson Memorial Hospital, FL, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL10  Plenary Session
CELLULAR AND MOLECULAR MECHANISMS OF CARDIOPROTECTION, CARDIAC REGENERATION AND REMODELING

REGULATION OF ENOS MRNA DESTABILIZATION VIA ROCK2-MEDIATED EEF1A1 PHOSPHORYLATION (Invited Lecture)
K. Noma, Y. Higashi, Y. Kihara, J.K. Liao
RIRBM, Hiroshima University, Hiroshima, Japan

INFLAMMATION INDUCED APOPTOSIS IN THE INJURED MYOCARDIUM (Invited Lecture)
D.K. Singla, University of Central Florida, Orlando, FL, USA

PRIMING THE PROTEASOME BY PKG: A NOVEL CARDIOPROTECTIVE MECHANISM OF SILDENAFIL (Invited Lecture)
X. Wang, M.J. Ranek, E.J. Terpstra
Sanford School of Medicine of the University of South Dakota, Vermillion, SD, USA

THE PIVOTAL ROLE OF L-ARGININE IN THE ISCHEMIC HEART PRECONDITIONING - A NANOMEDICAL APPROACH (Invited Lecture)
T. Malinski, S. Hollstrom, A. Jakubowski, Ohio University, Athens, OH, USA

DIABETES AND FAILED REGENERATIVE STRATEGIES (Invited Lecture)
F.W. Sellke, Alpert Medical School of Brown University, Providence, RI, USA

THE EFFECT OF BENDAVIA ON ISCHEMIA/REPERFUSION INJURY, LEFT VENTRICULAR REMODELING AND DYSFUNCTION (Invited Lecture)
Good Samaritan Hospital/USC, Los Angeles, CA, USA

TICAGRELOR LIMITS MYOCARDIAL INFARCT SIZE- AN ADENOSINE AND COX2 DEPENDENT EFFECT (Invited Lecture)
M.K. Nanhwan, S. Lin, M. Kodakandla, S. Nylander, Y. Ye, Y. Birnbaum
Baylor College of Medicine, Texas, USA

ROLE OF microRNA IN CARDIOPROTECTION (Invited Lecture)
R.C. Kukreja, Virginia Commonwealth University, Richmond VA, USA

ROLE OF MINOCYCLINE IN MYOCARDIAL ISCHEMIA-REPERFUSION INJURY: AN OLD DRUG WITH NEW IMPLICATIONS (Invited Lecture)
T.M. Scarabelli, St John Hospital & Medical Center/Wayne State University SOM, USA

PROLYLHYDROXYLASES IN ISCHEMIC HEART DISEASE (Invited Lecture)
N. Maulik, University of Connecticut School of Medicine, Farmington, CT, USA

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
08:30 – 11:00

S25 Session

CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

A NEW CARDIAC MARKER DURING FIRST TRimestER SCREENING? DETECTION OF FETAL PULMONARY VEINS BY DOPPLER B MODE AND X FLOW BETWEEN 12-15 WEEKS OF GESTATION
A.L. Schenone, G. Giugni, M.H. Schenone, D. Majdalany
Cleveland Clinic, Cleveland, Ohio, USA

THE IMPACT OF CAROTID ARTERY ATHEROSCLEROSIS ON THE RISK OF ADVERSE CARDIAC EVENTS IS DEPENDENT ON THE PRESENCE OF PRE-EXISTENT CORONARY ARTERY DISEASE
A. Steinvil, B. Sadeh, N.M. Borenstein, O. Havakuk, S. Greenberg, Y. Arbel, M. Konigstein, A. Finkelstein, S. Banai, A. Halkin
Tel Aviv Medical Center affiliated to the Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

CARDIAC MRI AS A SENSITIVE SCREENING TOOL IN MYOTONIC DYSTROPHY
S.J. Campbell, J.T. Kissel, S.V. Raman
Ohio State University, Columbus, OH, USA

VALUE OF THORACIC AORTIC CALCIUM IN PREDICTION OF OBSTRUCTIVE CORONARY ARTERY DISEASE
M. Mohammadi, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

REAL TIME THREE DIMENSIONAL ECHOCARDIOGRAPHY IN VALVULAR PULMONARY STENOSIS AMONG PEDIATRIC AGE GROUP
S.S. Sheta, A.A. Abou Zeid, F.F. Shaltout, B.M. Moustafa, H.A. Abou Zekri, H.H. Barakat
Cairo University Children Hospital, Faculty of Medicine, Cairo, Egypt

A MULTIMODAL APPROACH TO IMAGE INFLAMMATORY LIPID-RICH ATHEROMATA USING AN INTEGRATED HIGH-SPEED INTRAVASCULAR OCT/NIRF CATHETER WITH A FDA-APPROVED INDOCYANINE GREEN
Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea
S25 Session
CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

TISSUE DOPPLER IMAGING AND LATE-ONSET ANTHRACYCLINE-INDUCED SUBCLINICAL CARDIOVASCULAR DISEASE IN LONG TERM SURVIVORS OF CHILDHOOD CANCER
R. Prakadeshwari, A. Lorenzana, A. Prabhu, S. Szpunar, P. Anne
Children's Hospital of Wisconsin, Wauwatosa, WI, USA

THE RATIO OF VELOCITY TIME INTEGRAL OF LEFT VENTRICULAR OUTFLOW TRACT TO THE DESCENDING AORTA IS FIXED AND USEFUL FOR INTERNAL VALIDATION
R. Ranjan, E. Velez, A. Haldipur, N.B. Schiller
University of California, San Francisco, San Francisco, USA

CORONARY ARTERY DISEASE IN ASYMPTOMATIC MALE ATHLETES AGED 45 YEARS OR OLDER WITH A LOW ESC SCORE RISK: THE EMERGING ROLE OF CORONARY CT ANGIOGRAPHY
University Medical Center Utrecht, Utrecht, Netherlands

ECHOCARDIOGRAPHIC PREDICTORS OF ATRIAL FIBRILLATION PREVALENCE IN PATIENTS ON HEMODIALYSIS
T.A. Ahmad, P. Bhattacharya, V.K. Narasimha, A. Bhardwaj
Penn State Hershey Medical Center, Hershey, PA, USA

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S26  Session

ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

ASSOCIATION OF VITAMIN D LEVELS TO SHORT AND LONG TERM MAJOR ADVERSE CARDIAC EVENTS AMONG ACS AND NON-ACS PATIENTS
F. Sy, H.T. May, A. Tandar, D.L. Lappé, J.L. Anderson, V.T. Le, J.B Muhlestein
University of Utah, Salt Lake City, UT, USA

THE PROGNOSTIC SIGNIFICANCE OF ELEVATED TROPONINS IN PATIENTS WITH SEPSIS: A META-ANALYSIS
O. Sheyin, W. Duan, O. Davies, X. Perez
Harlem Hospital Center, New York, New York, USA

CLINICAL SIGNIFICANCE OF CORONARY ARTERY ANATOMY IN STRESS INDUCED CARDIOMYOPATHY
P. Krumenacher, A. Chau, D. Matel-Anderson, A. Ashine, R. Siegel, K. Ahn,
Y. Muirhead, S. Park, H. Kim, B. Choi
Medical College of Wisconsin, Milwaukee, WI, USA

DOES SYNTAX SCORE PREDICT THE DEGREE OF PEAK TROPONIN ELEVATION IN PATIENTS WITH ACUTE CORONARY SYNDROMES?
H.A. Bhatt, D.R. Sanghani, M.B. Perini, G.A. Fernaine
Lutheran Medical Center, Brooklyn, NY, USA

INTER-RATER AGREEMENT FOR CHEST PAIN EVALUATION BETWEEN TRAINED ABSTRACTORS AND EMERGENCY DEPARTMENT PHYSICIANS AT AN ACADEMIC MEDICAL CENTER
R.E. Davies, A. Foy
Penn State Hershey Medical Center, Hershey, PA, USA

INDUCTION OF AUTOLOGOUS BONE MARROW STEM CELLS BY LOW-LEVEL LASER THERAPY HAS BENEFICIAL EFFECTS ON THE INFARCTED PORCINE HEART FOLLOWING ACUTE MYOCARDIAL INFARCTION
G.A. Elbaz-Greener, U. Oron, Z. Vered, A. Blatt
Tel Aviv University, Tel Aviv, Israel

DESCRIPTION OF IN-HOSPITAL MANAGEMENT OF ACUTE CORONARY SYNDROME IN VENEZUELA AND LATIN AMERICA (EPICOR STUDY)
Ascardio, Barquisimeto, Venezuela
SUNDAY, JULY 27, 2014

08:30 – 11:00

Hall D

S26  Session

ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT (cont.)

INFLUENCE OF METEOROLOGICAL FACTORS ON IN-HOSPITAL MORTALITY IN PATIENTS ADMITTED WITH ST-ELEVATION MYOCARDIAL INFARCTION IN NORTHEASTERN PENNSYLVANIA
I. Ahmed, S.J. Voyce, I. Pallekonda, J. Snedeker
The Wright Center of Graduate Medical Education, Scranton, PA, USA

BLOOD TRANSFUSION IN PATIENTS WITH BLEEDING DURING ACUTE ST-ELEVATION MYOCARDIAL INFARCTION ASSOCIATED WITH HIGHER IN-HOSPITAL MORTALITY
D.A. Munawar, W. Aditya, M. Munawar
Binawaluya Cardiac Center, Jakarta, Indonesia

THE EFFECT OF SHORTENING FMC-DEVICE TIME (<90 MINUTES) IN ST-ELEVATION MYOCARDIAL INFARCTION (STEMI) PATIENTS TRANSFERED FROM NON-PCI CAPABLE HOSPITALS FOR PRIMARY PCI
Y. Nawaz, A. Qureshi, N. Subrayappa, N. Patel
Lehigh Valley Health Network, Allentown, PA, USA
PL11  Plenary Session
VALVULAR/CONGENITAL HEART DISEASE, CARDIAC SURGERY

DEMOGRAPHIC CHANGES IN CONGENITAL HEART DISEASE IN THE XXI CENTURY: IMPACT IN MANAGEMENT AND OUTCOMES (Invited Lecture)
A.J. Marelli
Mc Gill University Health Centre, Montreal, QC, Canada

NEXT GENERATION SEQUENCING ANALYSIS OF FAMILIES WITH CONGENITAL HEART DISEASE (Invited Lecture)
N.E. Bowles, S.B. Bleyl, M.F. Leppert, C.B. Arrington
University of Utah School of Medicine, Salt Lake City, UT, USA

CARDIAC SURGERY IN THE ADULT CONGENITAL HEART DISEASE PATIENT: A SPECTRUM OF LESIONS (Invited Lecture)
B.N. Mora, Sheikh Khalifa Medical City, Cleveland Clinic, Abu Dhabi, United Arab Emirates

AORTIC REGURGITATION: IMPACT OF PREOPERATIVE SYMPTOMS FOR POST-VALVE REPLACEMENT SURVIVAL ON PROGNOSTICATION FROM MYOCARDIAL CONTRACTILITY (Invited Lecture)
State University of New York Downstate Medical Center, New York, NY, USA

LOW GRADIENT SEVERE AORTIC STENOSIS: DIAGNOSIS AND MANAGEMENT (Invited Lecture)
H.P. Chaliki, Mayo Clinic, Arizona, USA

ATORVASTATIN ATTENUATES ATHEROSCLEROSIS IN THE VALVES AND FEMURS FROM HYPERCHOLESTEROLEMIC LDLR/-/- MICE AS=OP (Invited Lecture)
N.M. Rajamannan, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

A TALE OF TWO HEARTS: ANY NEW ECHOCARDIOGRAPHY TRICKS IN VALVULAR HEART DISEASE? (Invited Lecture)
S. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

TEMPORAL TRENDS IN VALVULAR HEART DISEASE IN NEW YORK STATE: THE LAST 30 YEARS (Invited Lecture)
P.G. Supino, O.Y. Hai, J.S. Borer
State University of New York (SUNY) Downstate Medical Center, NY, USA
11:15 – 13:45
Hall A

PL11 Plenary Session
VALVULAR/CONGENITAL HEART DISEASE, CARDIAC SURGERY (cont.)

MECHANISMS OF HYPERTROPHY IN VALVULAR HEART DISEASE (Invited Lecture)
N.T. Olsen, Rigshospitalet, Copenhagen, Denmark

DEVICE CLOSURE OF COMPLEX ATRIAL SEPTAL DEFECT IN ADULTS- ISSUES
AND SOLUTIONS (Invited Lecture)
M. Sadiq, The Children's Hospital/The Institute of Child Health, Lahore, Pakistan

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
PL12 Plenary Session
ATRIAL ARRHYTHMIAS: TREATMENT AND SEQUELAE

PREVENTION OF STROKE IN ATRIAL FIBRILLATION: ARE ALL ORAL DRUGS THE SAME? (Invited Lecture)
A. Martinez Rubio, University Hospital of Sabadell (Univ Autonoma de Barcelona), Sabadell, Spain

LEFT ATRIAL SIZE AND FUNCTION: ROLE IN PROGNOSIS (Invited Lecture)
B.D. Hoit, Case Western Reserve University, Cleveland, OH, USA

SILENT CEREBRAL EVENTS ASSOCIATED WITH ATRIAL FIBRILLATION ABLATION (Invited Lecture)
T. Deneke, P. Müller, K. Nentwich, J. Krug, R. Schmitt, M. Roos, A. Schade
Heart Center Bad Neustadt, Bad Neustadt, Germany

ALDOSTERONE, COPEPTINE AND OTHER NEUROENDOCRINE MARKERS IN PATIENTS WITH STROKE (Invited Lecture)
D. Jezova, L. Krizova, B. Kollar, P. Siarnik, N. Hlavacova, A. Penesova
P. Turcani, Slovak Academy of Sciences, Bratislava, Slovakia

THROMBOEMBOLISM OR ATERO-THROMBOEMBOLISM IN ATRIAL FIBRILLATION? (Invited Lecture)
F. Violi, I Clinica Medica, University Sapienza, Roma, Italy

THE MOST COST EFFICIENT WAY TO CARDIOVERT A NEWBORN IN ATRIAL FLUTTER (Invited Lecture)
C. Snyder, Rainbow Babies and Children's Hospital, Cleveland, OH, USA

MANAGEMENT OF ATRIAL FLUTTER (Invited Lecture)
H. Paydak, University of Arkansas for Medical Sciences, Little Rock, AR, USA

ATRIAL FIBRILLATION AND ITS ROLE IN COGNITIVE DECLINE (Invited Lecture)
K. Alagiakrishnan, University of Alberta, Edmonton, Alberta, Canada

DISCOVERY OF A NEW INDEX OF DUAL PATHWAY ATRIOVENTRICULAR NODE CONDUCTION (Invited Lecture)
Y. Zhang, New York Institute of Technology (NYIT) College of Osteopathic Medicine, Old Westbury, NY, USA

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 27, 2014

11:00 – 13:30

Hall C

S27  Session
ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS

RESIDUAL RISK FROM ELEVATED LIPOPROTEIN A BUT NOT APOLIPOPROTEIN B OR NON-HDL CHOLESTEROL AT HEART CENTERS FOR WOMEN
Rush University Medical Center, Chicago, IL; USA

IMPACT OF CLINICAL AND THERAPEUTIC FACTORS ON INCIDENT CARDIO-CEREBROVASCULAR EVENTS IN A POPULATION-BASED COHORT OF HIV-INFECTED AND NON-HIV-INFECTED ADULTS
A. Tripathi, A.D. Liese, M.D. Winniford, A.A. Rizvi, J.M. Jerrell, J. Zhang
University of Mississippi School of Medicine, Jackson, MS, USA

CERTAIN CARDIOVASCULAR RISK FACTORS ARE SIGNIFICANT DETERMINANTS OF LONGEVITY IN INITIALLY HEALTHY WOMEN
S. Cheng, E. McCabe, M.A. Albert, I. Lee, J.E. Buring, R.J. Glynn, S. Mora
Brigham and Women's Hospital, Boston, MA, USA

OPTIMIZING CARDIOVASCULAR MORTALITY PREDICTION IN RENAL DISEASE WITH ARTIFICIAL INTELLIGENCE
O. Sandu, I. Nastac, J. Uribarri
Albert Einstein College of Medicine, Bronx, NY, USA

CHANGES IN TOTAL CHOLESTEROL LEVELS IN THE ICELANDIC POPULATION ARE NOT RELATED TO STATIN, BUT RATHER DIETARY FACTORS
V. Gudnason, B. Thorsson, L. Steingrimsdottir, K. Andersen, G. Sigurdsson, T. Aspelund
Icelandic Heart Association, Kopavogur, Iceland

NIASPIRIN: COMBINATIONS OF NIACIN WITH ASPIRIN TO REDUCE NIACIN INDUCED FLUSH
R. Thachil, P.S. Carson, S.S. Banka
Hahnemann University Hospital/Drexel University College of Medicine, Philadelphia, PA, USA

OMENTIN SIGNIFICANTLY PREDICTS CARDIOVASCULAR EVENTS INDEPENDENTLY FROM BASELINE CORONARY ARTERY DISEASE
Academic Teaching Hospital Feldkirch, Feldkirch, Austria
S27  Session
ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS (cont.)

DESPERATELY NEEDED CARDIOVASCULAR EVENT OUTCOME STUDIES IN SOUTH ASIANS
H.N. Patel, N.T. Aggarwal, A. Khandelwal, A.S. Volgman
Rush University Medical Center, Chicago, IL, USA

JOB STRESS AND 16-TH YEAR’S RISK OF ACUTE CARDIOVASCULAR DISEASES IN FEMALE POPULATION AGED 25-64 YEARS IN RUSSIA
V.V. Gafarov, D.O. Panov, E.A. Gromova, I.V. Gagulin, A.V. Gafarova
FSBI Collaborative Laboratory of Cardiovascular Diseases Epidemiology SB RAMS, Russia

EFFECTS OF HDL-C AND CO-MORBIDITIES ON LONG-TERM OUTCOMES IN OPTIMALLY TREATED REVASCULARIZED CAD PATIENTS
Albany Medical Center, Albany, NY, USA

THE EFFECT OF SIROLIMUS ON CHOLESTEROL CRYSTAL VOLUME EXPANSION: IMPLICATIONS FOR PLAQUE STABILIZATION
I. Baig, A. Janoudi, R. Huang, G.S. Abela
Michigan State University, East Lansing, MI, USA

HIGHER HEART RATE IS INDEPENDENTLY ASSOCIATED WITH OBESITY
M.R. Movahed, C. Manrique, M. Hashemzadeh
CareMore Health Care Arizona, AZ, USA

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S28 Session

MECHANISMS OF VASCULAR DISEASES

THE NOVEL SMALL LEUCINE-RICH REPEAT PROTEIN PODOCAN INHIBITS SMOOTH MUSCLE CELL ACTIVATION AND NEOINTIMA FORMATION VIA MODULATION OF THE CANONICAL WNT-PATHWAY AND IS DIFFERENTLY EXPRESSED IN HUMAN PRIMARY VERSUS RESTENOTIC CORONARY LESIONS
R. Hutter, W. Speidl, L. Huang, C. Gianarelli, J.J.J. Badimon, P. Klotman
Mount Sinai School of Medicine, New York, NY, USA

MICRORNA-146A INDUCES ENDOTHELIAL PROGENITOR CELL APOPTOSIS AND SENESCENCE BY TARGETING PLK2 EXPRESSION
University of Miami, Miami, FL, USA

CD137 SIGNALING INCLUDING FACTORS FROM T CELLS AND MACROPHAGES ACCELERATE UNSTABLE ATHEROSCLEROTIC PLAQUE
I.H. Jung, J. Jin, D.Y. Kim, G.T. Oh
Ewha Womans University, Seoul, Korea

MODULATION OF CYSTEINE-RICH PROTEIN 2 EXPRESSION IN VASCULAR INJURY AND ATHEROSCLEROSIS
C.H. Chen, H.H. Ho, M.L. Wu, M.D. Layne, S.F. Yet
National Health Research Institutes, Zhunan, Miaoli County, Taiwan

LINCRNA-P21 REGULATES NEOINTIMA FORMATION AND ATHEROSCLEROSIS BY ENHANCING P53 ACTIVITY
Daping Hospital, Third Military Medical University, Chongqing, China,

PRO-ATHEROGENIC ACTIONS OF INTERFERON-GAMMA ON MACROPHAGES IN ATHEROSCLEROSIS
T.S. Davies, N. Li, J.E. McLaren, T.R. Hughes, D.P. Ramji
School of Biosciences, Cardiff University, Cardiff, UK

HISTOMORPHOMETRIC CHANGES IN THE AORTA OF MICE WITH CHRONIC CHAGAS DISEASE UNDERGOING MILD EXERCISE
Adventist College Hortolândia, Hortolândia, SP, Brazil
S28  Session  
MECHANISMS OF VASCULAR DISEASES (cont.)

URIC ACID PROMOTES CHEMOKINES AND ADHESION MOLECULES PRODUCTION IN VASCULAR ENDOTHELIAL CELLS AND INCREASES THE MIGRATION AND ADHESION CAPACITIES VIA NUCLEAR FACTOR-KAPPA B SIGNALING PATHWAY  
Peking University First Hospital, Beijing, China

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
P301  VASCULAR BIOLOGY, BASIC RESEARCH

CRIF1 DEFICIENCY INDUCES P66SHC-MEDIATED OXIDATIVE STRESS AND ENDOTHELIAL ACTIVATION
Chungnam National University, Daejeon, South Korea

P302  PHARMACOLOGICAL MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION

EFFECTS OF CHRONIC CARDIOVASCULAR PHARMACOLOGY ON LONG-TERM SURVIVAL IN STROKE PATIENTS
L. Du, J. Arora, A. Murthy, M. Torosoff
Albany Medical College, Albany, NY, USA

ANTI-INFLAMMATORY EFFECT OF RESVERATROL IN HUMAN CORONARY ARTERIAL ENDOTHELIAL CELLS VIA AUTOPHAGY: IMPLICATION FOR THE TREATMENT OF KAWASAKI DISEASE
F.C. Huang, H.C. Kuo, H.R Yu
Kaohsiung Chang Gung Memorial Hospital, Taiwan

P303  INTERVENTIONAL CARDIOLOGY

DIFFERENTIAL ROLE OF OSTEOPONTIN AND TENASCIN-C IN ADVANCED CORONARY ATHEROSCLEROSIS: CORONARY ROTATIONAL AHERECTOMY STUDY
Kanazawa Medical University, Uchinada, Japan

TREATMENT OF CORONARY IN-STENT RESTENOSIS WITH PACLITAXEL-COATED BALLOON CATHETER: 36- MONTH CLINICAL RESULTS
J. Benezet, S. Camacho-Freire, A. Gutierrez-Barrios, A. Agarrado, J. Oneto
Jerez University Hospital, Jerez de la Frontera, Spain

DIFFERENT AND SAME PROGNOSTIC IMPLICATION OF LOW PREPROCEDURAL TIMI FLOW BETWEEN STEMI AND NON-STEMI IN THE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION
W.Y. Lee, J.Y. Baek, Y.M. Yang
Saint Mary's Hospital, Cheoung-ju, South Korea
P303 INTERVENTIONAL CARDIOLOGY (cont.)

INFLUENCE OF ACCESS AND ANTICOAGULANT ON THE HOSPITAL LENGTH OF STAY IN DOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: US ACADEMIC CENTER EXPERIENCE
O. Alasad, A. Tayyem, S. Shawar, M. Alghrouz, M. Bheemarasetti, A.R. Alemam, S. Gilani, W. Khalife
University of Texas Medical Branch, Galveston, Texas, USA

INCIDENCE AND PREDICTORS OF STENT THROMBOSIS AFTER PERCUTANEOUS CORONARY INTERVENTION IN ACUTE MYOCARDIAL INFARCTION
S. Lim, H.Y. Kim, Y.S. Koh, K. Chang, M.H. Jeong, K.B. Seung
Catholic Medical Center, Seoul, South Korea

DOES THE SEVERITY OF CORONARY ARTERY DISEASE PREDICT THE USE OF CONTRAST VOLUME DURING CARDIAC CATHETERIZATION?
Lutheran Medical Center, Brooklyn, NY, USA

SAFETY AND EFFICACY OF POLYMER FREE VS. BASED DRUG-ELUTING STENTS. A META-ANALYSIS OF RANDOMIZED TRIALS
Y. Luo, S. Liu, X. Zhao, L. Huang
Third Military Medical University, Chongqing, P.R. China

CALCIFIED LESION DOES NOT INFLUENCE OUTCOME AFTER PERCUTANEOUS ANGIOPLASTY WITH STENTING
T. Matsubara, J. Suzuki, T. Kon, T. Kurosu, E. Matsubara, T. Tomaru
NTT East Japan Kanto Hospital, Tokyo, Japan

THE COMPLEX CORONARY ANGIOPLASTY TRANSRADIAL
J.M. Telayna, C.S. Garcia, R.A. Costantini
Austral University Hospital, Buenos Aires, Argentina

TISULAR IMPACT IN THE CORONARY COMPLETE REVASCULARIZATION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCT AND CARDIAC FAILURE
J.M. Telayna, C.S. Garcia, R.A. Costantini
Austral University Hospital, Buenos Aires, Argentina

IN-STENT ANCHORING FACILITATES BALLOON DELIVERY FOR FINAL KISSING
X.H. Zhao, Y.M. Song, J. Jin, L. Huang
Xinqiao Hospital, Third Military Medical University, Chongqing, China
P304  HYPERTENSION: BASIC, CLINICAL AND EPIDEMIOLOGICAL

AUTOMATED PRECLINICAL ENCOUNTER BLOOD PRESSURES VERSUS MANUAL PHYSICIAN BLOOD PRESSURES IN CARDIOVASCULAR CLINIC
K. Slicker, B.D. Curtis, O. Oyetaye, J.P. Erwin III
Scott & White Healthcare Texas A&M Health Science Center, Temple, TX, USA

HAS OBESITY IN HYPERTENSIVE PATIENTS AN IMPACT ON CARDIOVASCULAR AND CATECHOLAMINE RESPONSES DURING MENTAL STRESS?
A. Garafova, A. Penesova, E. Cizmarova, A. Marko, M. Vicek, D. Jezova
Slovak Academy of Sciences, Bratislava, Slovakia

ANTIHYPERTENSIVE AGENTS AND RISK OF PARKINSON'S DISEASE
National Taiwan University Hospital Yun-Lin Branch, Dou-Liou City, Yun-Lin County, Taiwan

BLUNTED SLEEP-TIME BLOOD PRESSURE (BP) DECLINE INCREASES CARDIOVASCULAR RISK INDEPENDENT OF BP LEVEL
E. Sineiro, A. Mojon, R.C. Hermida
University of Vigo, Vigo, Spain

NIGHTTIME PRESSURE DIP IN WHITE COAT HYPERTENSION
L. Yogendran, A. Abdelqader, M. Mohamed, T. Schuler, D. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

P305  ARRHYTHMIAS: DIAGNOSIS AND TREATMENT

EFFECT OF CPAP THERAPY ON CARDIAC REPOLARIZATION IN PATIENT POPULATION WITH OBSTRUCTIVE SLEEP APNEA
T.A. Ahmad, A. Patel, U. Majumdar, V. Narasimha
Penn State Milton Hershey Medical Center, Hershey, PA, USA

OPTIMAL DURATION OF HOLTER RECORDINGS: IS THERE ADDITIONAL YIELD FROM 48 VERSUS 24 HOURS?
A. Trang, B. Pavri
Thomas Jefferson University, Philadelphia, PA, USA

ACCURACY OF TACHYARRHYTHMIA DIAGNOSIS ON SURFACE ELECTROCARDIOGRAMS (ECG)
N. Methachittiphan, F. Barbosa, M. Link
Tufts Medical Center, Boston, MA, USA
P305  ARRHYTHMIAS: DIAGNOSIS AND TREATMENT (cont.)

INFLAMMATORY MARKERS IN PATIENTS WITH IMPAIRED LEFT VENTRICULAR FUNCTION WITH AND WITHOUT ISCHEMIC HEART DISEASE UNDERGOING CARDIOVERTER DEFIBRILLATOR IMPLANTATION FOR LIFE THREATENING VENTRICULAR ARRHYTHMIAS

T. Papadopoulos, G. Dadous, A. Nikitopoulos, G. Spiromitros, A. Antoniou, N. Katsiki, J. Kanonidis
Hippokration University Hospital, Thessaloniki, Greece

DEADLY GOLYTELY

P.A. Patel, C.E. Daniels
Mayo Clinic, Rochester, MN, USA

P306  NEW INSIGHTS INTO PATHOGENESIS AND MANAGEMENT OF HEART FAILURE

CARDIOPROTECTIVE EFFECT OF METFORMINE IN DIABETIC PATIENTS TREATED WITH ANTHRACYCLINES

F. Garcia Trobo, G. Pekler, F. Visco
New York Medical College, New York, NY, USA

IMPROVING CLINICAL OUTCOMES AND RECOVERY OF PERIPARTUM CARDIOMYOPATHY PATIENTS USING BROMOCRIPTINE: A SYSTEMATIC REVIEW

M.A. De Guzman, L.D. Gutierrez
University of Santo Tomas Hospital, Manila, Philippines

CARVEDILOL AS SINGLE AGENT TREATMENT FOR TRASTUZUMAB CARDIOTOXICITY USING GLOBAL LONGITUDINAL PEAK STRAIN CHANGES

A.M. Cook, K.J. Babbitt, L.L. Eberhart, R.C. Phillion, D.E. Langholz, H.L. Sherman
Spectrum Health Frederik Meijer Heart & Vascular Institute, Grand Rapids, MI, USA

P307  COMPUTERS IN CARDIOLOGY

QUALITY AND PHYSICIAN PREFERENCE OF PORTABLE ELECTROCARDIOGRAPHIC DEVICE RHYTHM STRIPS

N. Nazir, D. Mehta, C. Bai, J. Soble, A. Volgman
Rush University Medical Center, Chicago, Illinois, USA
PL13  Plenary Session
CARDIAC STRUCTURE AND FUNCTION IN FAILING AND NON-FAILING HEARTS

ADVERSE LEFT VENTRICULAR REMODELING, INCIDENT HEART FAILURE, AND VENTRICULAR ARRHYTHMIAS (Invited Lecture)
W.H. Gaasch, Lahey Clinic, Burlington, MA, USA

AGING AND HEART FAILURE: UPDATE 2014 (Invited Lecture)
B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, Alberta, Canada

HFpEF (HEART FAILURE WITH PRESERVED EJECTION FRACTION) PATHOPHYSIOLOGY: IMPLICATIONS FOR THERAPEUTIC TARGETS (Invited Lecture)
D.M. Kaye, Baker IDI Heart and Diabetes Institute, Alfred Hospital, Melbourne, Australia

REGRESSION OF HYPERTROPHY (AND FIBROSIS?) IN HYPERTROPHIC CARDIOMYOPATHY (Invited Lecture)
Massachusetts General Hospital, Boston, MA, USA

HEART FAILURE WITH PRESERVED EJECTION FRACTION: A MISUNDERSTOOD SYNDROME IN SEARCH OF A THERAPY (Invited Lecture)
S.D. Solomon, Brigham and Women's Hospital, Boston, MA, USA

HEART FAILURE RELATED TO CONSTRUCTIVE AND RESTRICTIVE CARDIOMYOPATHY: ASSESSMENT BY ECHOCARDIOGRAPHY (Invited Lecture)
A.M. Amanullah, Jefferson Medical College of Thomas Jefferson University, Philadelphia, PA, USA

MECHANISTIC INSIGHTS INTO DIASTOLIC HEART FAILURE (HEART FAILURE [HF] PRESERVED EJECTION FRACTION) – WHAT PROGRESS HAVE WE MADE? (Invited Lecture)
F. Sam, Boston University School of Medicine, Boston, MA, USA

DYNAMIC LVOT OBSTRUCTION -BEYOND HCM (Invited Lecture)
A. Chockalingam, University of Missouri, Columbia, MO, USA
14:00 – 16:30

**Hall A**

**PL13**  
**Plenary Session**  
**CARDIAC STRUCTURE AND FUNCTION IN FAILING AND NON-FAILING HEARTS**  
*(cont.)*

- **LEFT VENTRICULAR FUNCTION IN PATIENTS WITH CHRONIC TOTAL OCCULSION OF LAD: LONG-TERM FOLLOW-UP** *(Invited Lecture)*  
  **M. Prokudina, I. Konstantinov, N. Malinina, E. Bobrova, E. Karev**  
  Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

- **RIGHT VENTRICULAR FAILURE AFTER IMPLANTATION OF LEFT VENTRICULAR ASSIST DEVICES** *(Invited Lecture)*  
  **A. Kalogeropoulos**, Emory University School of Medicine, Atlanta, GA, USA

16:30  
**COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
14:00 – 16:30 Hall B

**PL14 Plenary Session**

**NOVEL APPROACHES FOR VASCULAR THERAPIES**

- **PRECISION MEDICINE FOR TODAY AND TOMORROW: TARGETING MOLECULAR PATHWAYS FOR VASCULAR DISEASE** (Invited Lecture)
  **K. Maiese**, University of Medicine & Dentistry of New Jersey, Newark, NJ, USA

- **SERPINS AS THERAPY – FROM VIRUS TO MAN** (Invited Lecture)
  **A. Lucas**, University of Florida, Gainesville, FL, USA

- **VASCULAR HEALING & BIORESORBABLE SCAFFOLDS: FROM PLATELETS, LEUKOCYTES TO ENDOTHELIAL CELLS** (Invited Lecture)
  **J-F. Tanguay**, Université de Montréal, Canada

- **CARDIOVASCULAR RISK FACTORS AND ENDOTHELIAL DYSFUNCTION** (Invited Lecture)
  **C. Chen**, Q. Yao, Baylor College of Medicine, Houston, TX, USA

- **MANAGING ANGINA AND RISK VIA IMPROVED ENDOTHELIAL FUNCTION: THE EECP MODEL** (Invited Lecture)
  **G.W. Barsness**, Mayo Clinic, Rochester, MN, USA

- **INDOXYL SULFATE AND CARDIO-RENAL SYNDROME; THE ROLE OF ARYL HYDROCARBON RECEPTOR** (Invited Lecture)
  **T. Morita**, Toho University Omori Medical Center, Ota-ku, Tokyo, Japan

- **SYNERGISTIC REDUCTION OF ATHEROSCLEROSIS BY THE COMBINED LXR LIGAND AND ERK1/2 INHIBITOR---A MULTIPLE MECHANISMS DEPENDENT PATHWAY** (Invited Lecture)
  **Y. Chen, Y. Duan, X. Yang, L. Sun, J. Han**, Nankai University, China

- **RESCUE OF PHYSIOLOGIC VASCULAR REPAIR BY CASPASE-INHIBITION: A NOVEL APPROACH TO BETTER TREAT ADVANCED ATHEROSCLEROSIS** (Invited Lecture)
  **R. Hutter**, Mount Sinai Medical Center, New York, NY, USA

- **TRANSLATION OF GENOMIC DISCOVERIES FOR CAD: FUNCTIONAL STUDIES OF ADAMTS7 AS AN EXAMPLE** (Invited Lecture)
  **M.P. Reilly**, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 27, 2014

14:00 – 16:30

Hall C

S29 Session

ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

SMOKING STATUS AND SURVIVAL AFTER IN-HOSPITAL CARDIAC ARREST – THE SMOKER’S PARADOX REVISITED

New York Medical College, Valhalla, NY, USA

A NOVEL APPROACH FOR BIVENTRICULAR PACING: UTILIZING TEMPORARY CORONARY SINUS CATHETER GUIDANCE VIA FEMORAL VEIN APPROACH

H. Paydak, S. Pant, H. Dajani, A. Sheikh, J. Asabo, D. Singh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

BASELINE PROLONGED T-PEAK TO T-END/QT INTERVAL MAY PREDICT MORTALITY BUT NOT SUDDEN CARDIAC DEATH IN HEMODIALYSIS PATIENTS

B.M. Saour, J.H. Wang, M.S. Sidhu, R.O. Mathew, D.L. Ernst, J.D. Sacco, W.E. Boden
Albany Medical Center, Albany, NY, USA

SAFETY AND COST EFFECTIVENESS OF SYNCOPE EVALUATION UNIT

P.P. Shah, S. Bajaj, N.L. Chang, H. Ng, G. Kurtz, C. Johnson, H. Virk, M. Bikkina, F. Shamoon
Department of Cardiology at St. Joseph's Regional Medical Center, Paterson, NJ, USA

ARRHYTHMIC OUTCOMES IN ARRHYTHMOGENIC CARDIOMYOPATHY WITH IMPLANTABLE CARDSOVERTER DEFIBRILLATOR

Virgen de la Arrixaca University Hospital, University of Murcia, El Palmar, Murcia, Spain

CIRCULATING MICRORNA CHANGES IN CRT RESPONDERS

C. Sardu, G. Paolisso, R. Marfella
Second University of Naples, Naples, Italy

THORACOSCOPIC PERICARDIAL PATCH INSULATION FOR INTRACTABLE PHRENIC NERVE STIMULATION FOLLOWING CARDIAC RESYNCHRONIZATION

B.H. Kirmani, N. Mediratta, C. Toolan, J. McKeith, J. Wright, A. Rao
Liverpool Heart and Chest Hospital, Liverpool, Mersey, UK

MAGNETIC RESONANCE IMAGING CONDITIONAL PACEMAKER: TREND SETTING TECHNOLOGY – A SINGLE CENTER EXPERIENCE

St Luke's University Hospital, Bethlehem, PA, USA
SUNDAY, JULY 27, 2014

14:00 – 16:30

**S29 Session**

**ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY (cont.)**

**SUBCUTANEOUS IMPLANTABLE CARDIOVERTER DEFIBRILLATOR IMPLANTATION IN PATIENTS AFTER DEVICE EXTRACTION**

_A. Gupta, F. Subzposh, H. Saltzman, S.P. Kutalek_

Drexel University College of Medicine, Philadelphia, PA, USA

**LOW-ENERGY DIETS: AN IMPORTANT CAUSE FOR ACQUIRED LONG QT SYNDROME AND UNEXPECTED SUDDEN DEATH**

_D.B. Petrov, M.H. Milanova_

Emergency Hospital Pirigov, Sofia, Bulgaria

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S30 Session
INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI

NEW ORAL ANTICOAGULANTS IN PATIENTS WITH CANCER: CURRENT STATE OF EVIDENCE
P. Sardar; S. Chatterjee, E. Herzog; G. Pekler, S. Mushiyev; L.J. Pastori; F. Visco; W.S. Aronow
New York Medical College, Department of Medicine, New York, NY, USA

THE IMPACT OF THE DISTANCE FROM THE INTERVENTIONAL CARDIOLOGIST’S HOME TO THE HOSPITAL DURING OFF HOURS. IS THERE A NEED FOR 24/7 IN HOSPITAL STEMI TEAM?
Baystate Medical Center/Tufts University School of Medicine, Springfield, MA, USA

USING MAGNETIC STRUTS TO ALLEVIATE ADVERSE HAEMODYNAMIC FLOW EFFECTS AROUND DRUG-ELUTING STENTS
P.R.S Vijayaratnam, T.J. Barber, J.A. Reizes
University of New South Wales, Kensington, NSW, Australia

SAFETY AND EFFICACY OF DEGRADABLE VS. PERMANENT POLYMER DRUG-ELUTING STENTS. A META-ANALYSIS OF 18,395 PATIENTS FROM RANDOMIZED TRIALS
Y. Wang, S. Liu, Y. Luo, F. Wang, H. Liu, L. Li, X. Zhao, L. Huang
Third Military Medical University, Chongqing, P.R. China

OUTCOMES OF PFTE COVERED STENTS IMPLANTED DURING PCI FOR MANAGEMENT OF ACUTE CORONARY PERFORATION
B.C. Barnett, G. Berrio, D.S. Gantt
Texas A&M/Baylor-Scott and White Hospital, Temple, TX, USA

MID-TERM OUTCOMES OF HIGH RISK LEFT MAIN CORONARY ARTERY PERCUTANEOUS CORONARY INTERVENTION (PCI) IN AN ELDERLY POPULATION
A.M. Pineda, C.G. Mihos, S. Horvath, F.O. Nascimento, S.K. Kodali, A.J. Kirtane, N. Beohar, Columbia University Division of Cardiology at Mount Sinai Heart Institute, Miami Beach, FL, USA
LONG-TERM OUTCOMES OF PERCUTANEOUS TREATMENT OF LEFT MAIN: DEDICATED STENT VERSUS USUAL TREATMENT WITH DES
Hospital Costa del Sol, Marbella, Spain

OUTCOMES OF PATIENTS TREATED WITH DRUG ELUTING STENTS WITH BIODEGRADABLE VERSUS BIOSTABLE POLYMER
Hospital Costa del Sol, Marbella, Malaga, Spain

INTER-PROVIDER VARIATION IN DIAGNOSES AND CARDIAC CATHETERIZATION USE
N. Agarwal, L. Burke, C. Schmalfuss, D.E. Winchester
University of Florida, Gainesville, Florida, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL15  Plenary Session
HYPERTENSION – RISK AND MANAGEMENT

2014 UPDATE ON MANAGEMENT OF HYPERTENSION (Invited Lecture)
W.S. Aronow
Westchester Medical Center/New York Medical College, Valhalla, NY, USA

OPTIMAL BLOOD PRESSURE LEVELS IN THE ELDERLY? RESULTS OF REGARDS
STUDY. SHOULD WE CORRECT THE GUIDELINES? (Invited Lecture)
M. Banach, S. Bromfield, G. Howard, V.J. Howard, A. Zanchetti, W.S. Aronow,
A. Ahmed, M.S. Safford, P. Muntner
Medical University of Lodz, Poland

DUAL AT1 RECEPTOR/NEPRILYSIN INHIBITION (‘ARNI’) IN HYPERTENSION: AN
IMPROVEMENT VERSUS AT1 RECEPTOR BLOCKADE? (Invited Lecture)
Erasmus Medical Center, Rotterdam, The Netherlands

GI PROTEINS, NATRIURETIC PEPTIDE RECEPTOR C AND REGULATION OF
BLOOD PRESSURE (Invited Lecture)
Y. Li, O. Sarkar, M. Brochu, M. Anand-Srivastava
University of Montreal, Montreal, Quebec, Canada

ANTIHYPERTENSIVE EFFECT OF FLAXSEED (Invited Lecture)
K. Prasad, University of Saskatchewan, Saskatoon, SK, Canada

NON PHARMACOLOGICAL AND CATHETER BASED THERAPY OF DIFFICULT TO
TREAT (D2T) HYPERTENSION (Invited Lecture)
S.K. Koshy, L.K. George, UT Health Sciences Center, Memphis, TN, USA

BLOOD PRESSURE AND THE RISK OF CARDIOVASCULAR DISEASE AMONG
PATIENTS WITH TYPE 2 DIABETES (Invited Lecture)
G. Hu, Pennington Biomedical Research Center, Baton Rouge, LA, USA

SLEEP-TIME BLOOD PRESSURE AS A THERAPEUTIC TARGET FOR
CARDIOVASCULAR RISK REDUCTION (Invited Lecture)
Campus Universitario, Vigo, Pontevedra, Spain

PREVALENCE AND CLINICAL IMPLICATIONS OF SLEEP-TIME HYPERTENSION
D.E. Ayala, R.C. Hermida (Invited Lecture)
Campus Universitario, Vigo, Pontevedra, Spain
PL16  Plenary Session

ADVANCES IN CARDIOVASCULAR SURGERY / CAROTID AND CORONARY REVASCULARIZATION / HEART TRANSPLANTATION

PERICUTANEOUS HEMODYNAMIC SUPPORT FOR HIGH RISK PCI: INDICATIONS AND RESULTS (Invited Lecture)
G.W. Vetrovec, VCU Medical Center Richmond, VA, USA

CURRENT MANAGEMENT OF THE CORONARY CHRONIC TOTAL OCCLUSION (Invited Lecture)
B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA

PCI VERSUS CABG IN MULTIPLE VESSEL CAD (Invited Lecture)
A. Kumar, Govt Medical College/GND Hospital, Amritsar, India

UPDATE ON CORONARY BIFURCATION CLASSIFICATION AND TECHNIQUES (Invited Lecture)
M.R. Movahed, The Southern Arizona VA Health Care System, Tucson, AZ, USA

MANAGEMENT STRATEGIES OF COMBINED SEVERE SYMPTOMATIC CAROTID & CORONARY ARTERY DISEASE (Invited Lecture)
M.S. Abu-Fadel, University of Oklahoma HScC, Oklahoma City, OK, USA

BIOMARKERS IN CARDIAC ALLOGRAFT VASCULOPATHY (Invited Lecture)
N. Nair, Sacred Heart Medical Center, Spokane, WA, USA

ASSOCIATION OF COAGULOPATHY AND IN-HOSPITAL MORTALITY AMONG HEART TRANSPLANT RECIPIENTS (Invited Lecture)
New York Medical College, Valhalla, NY, USA

SHOULD CILOSTAZOL BE INCLUDED INTO THE TREATMENT POST CAROTID STENTING? : A META-ANALYSIS
D. Garcia, M. Ansari, A. Benjo, R. Nascimento, G. ElHayek, A. Ghatak, A. Schob, C. Mendoza, A. Ferreira
University of Miami/Jackson Memorial Hospital – Miami, FL, USA
PL16  Plenary Session  
ADVANCES IN CARDIOVASCULAR SURGERY / CAROTID AND CORONARY REVASCULARIZATION / HEART TRANSPLANTATION (cont.)

DECREASED INCIDENCE OF ATRIAL FIBRILLATION FOLLOWING OPEN HEART SURGERY USING MODIFIED DEL NIDO CARDIOPLEGA

Brigham and Women's Hospital, Boston, MA, USA

CHRONIC OBSTRUCTIVE PULMONARY DISEASE IS ASSOCIATED WITH WORSE SURVIVAL IN PATIENTS RECEIVING HEART TRANSPLANT: ANALYSIS FROM UNOS REGISTRY

S.G. Al-Kindi, M.Y. Qattan, M. Ginwalla, C. EIAmr, G.H. Oliveira
University Hospitals Case Medical Center, Cleveland, OH, USA
S31  
SESSION ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

ASSOCIATION OF VITAMIN D DEFICIENCY WITH ATRIAL FIBRILLATION  
F. Shah, A. Mohamed, D. Doukas, G. Cotseones, K. Machnica, M.G. Rabbat  
Loyola University Medical Center, Maywood, IL, USA

BRIEF EPISODES OF SILENT ATRIAL FIBRILLATION PREDICT CLINICAL  
VASCULAR BRAIN DISEASE IN TYPE 2 DIABETIC PATIENTS  
C. Sardu, G. Paolisso, R. Marfella  
Second University of Naples, Naples, Italy

ADENOSINE A2A RECEPTORS FUNCTION IN VASOVAGAL SYNCOPE  
R. Guieu, N. Kipson, F. Franceschi, J. Fromonot, J. Condo, J.C. Deharo, M. Brignole,  
E. Fenouillet, J. Ruf  
Aix Marseille University and IRBA, Marseille, France

PREGNANCY IS ASSOCIATED WITH AN INCREASED DENSITY OF THE  
PACEMAKER CURRENT I-F IN MURINE SINOATRIAL NODE  
N. El Khoury, S. Mathieu, L. Marger, J. Ross, G. El Gebeily, N. Ethier, C. Fiset  
Université de Montréal, Montreal, Quebec, Canada

ADOPTION OF SMARTPHONES, TABLETS AND MOBILE APPLICATIONS AMONG  
PATIENTS WITH ATRIAL FIBRILLATION  
V. Benvenuto, G. Baquero, D. Scher, S. LaPine, S. Hess, J. Fragin, K. Heron,  
L. Douglas, W. Curry, J. Banchs  
Penn State Hershey Medical Center, Hershey, PA, USA

PULMONARY VEIN ANTUM CIRCULAR ABLATION PLUS LONGITUDINAL MAPPING  
AND ABLATION TO THE RESIDUAL MUSCULATURE FASCICLES OF THE  
PULMONARY VEINS IMPROVES THE IMMEDIATE AND LONG-TERM EFFICACY OF  
PAROXYSMAL ATRIAL FIBRILLATION  
C. Lu, Y. Zhang, R. Zhang, Q. Xu, Y. Huang, M. Liu  
PLA General Hospital, Beijing, China

SCREENING FOR ATRIAL FIBRILLATION USING A BLOOD PRESSURE MONITOR:  
OMRON VS MICROLIFE  
J. Wiesel, B.Z. Arbesfeld, D. Schechter  
NYU Langone Medical Center, New York, NY, USA

IMPACT OF CATHETER ABLATION ON P-WAVE PARAMETERS ON 12- LEAD  
ELECTROCARDIOGRAM IN PATIENTS WITH ATRIAL FIBRILLATION  
A. Maan, M. Mansour, J.N. Ruskin, E.K. Heist  
Massachusetts General Hospital, Boston, MA, USA
S31 Session
ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION (cont.)

TO DESCRIBE OUR EXPERIENCE WITH ARCTIC FRONT ADVANCE CRYOBALLOON ABLATION SYSTEM IN THE TREATMENT OF PAROXYSMAL ATRIAL FIBRILLATION AT A HIGH VOLUME CENTER IN THE U.S.
S. Banga, N. Chalfoun, D. Elmouchi, A. Gauri, M. Dahu, B. Finta
GRMEP, Grand Rapids, Michigan, USA

DOES TREATMENT STRATEGY FOR ATRIAL FIBRILLATION AFFECT MYOCARDIAL CONTRACTILITY?
V. Podzolkov, A. Tarzimanova, M. Pisarev, I. Loriya, L. Mohammadi
First Moscow State Medical University I.M. Sechenov, Moscow, Russia

COMPARISON OF VARIOUS FATTY ACID ROLES ON THE RISK OF ATRIAL FIBRILLATION AMONG ADULT TAIWANESE FROM A COMMUNITY-BASED COHORT STUDY
College of Public Health, National Taiwan University, Taipei, Taiwan

ELECTROPHYSIOLOGICAL STUDIES IN PATIENTS WITH PAROXYSMAL TACHYCARDIA WITHOUT ECG DOCUMENTATION: PREVALENCE OF INDUCIBLE ARRHYTHMIAS AND CLINICAL OUTCOME. A PROSPECTIVE REGISTRY
J. Lauschke, J. Schneider, R. Schneider, C. Nesselmann, T. Tischer, D. Bansch
University Medical Center, Rostock, Germany
S32 Session
MOLECULAR / CELLULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

IVABRADINE INHIBITS APOPTOSIS AND NECROSIS IN PRIMARY AND CULTURED CARDIAC MYOCYTES EXPOSED TO HYPOXIA REOXYGENATION INSULT THROUGH ITS HCN CHANNEL BLOCKING ACTIVITY
The University of Sydney, Sydney, NSW, Australia

RANOLAZINE ADMINISTERED AFTER DOXORUBICIN TREATMENT, PREVENTS CARDIOTOXICITY IN MICE
N. Maurea, C. Coppola, G. Piscopo, D. Rea, C. Maurea, F. Galletta, E. Esposito, I. Capasso, C. Arra, R.V. Iaffaioli
National Cancer Institute Pascale Foundation IRCCS, Naples, Italy

REMOTE ISCHAEMIC PRECONDITIONING ATTENUATES EGR-1 EXPRESSION FOLLOWING MYOCARDIAL ISCHAEMIA REPERFUSION INJURY THROUGH ACTIVATION OF THE JAK-STAT PATHWAY, NITRIC OXIDE SIGNALLING AND SUPEROXIDE GENERATED BY NADPH OXIDASES
H. Mudaliar, B. Rayner, M. Billah, W. Lay, R. Bhindi
Kolling Institute of Medical Research, Royal North Shore Hospital, Sydney, New South Wales, Australia

ALPHA LINOLENIC ACID-RICH FLAXSEED REGULATES SURVIVAL IN CARDIOMYOCYTES
F. Carotenuto, M. Minieri, S. Melino, P. Di Nardo
Tor Vergata University, Rome, Italy

BRANCHED-CHAIN AMINO ACIDS PREVENT HEART FAILURE IN RATS
Kyoto University Graduate School of Medicine, Kyoto, Japan
S32  Session  
**MOLECULAR / CELLULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE**

DECIPHERING THE SYSTEMS BIOLOGY OF MICRONAS IN PULMONARY HYPERTENSION AND CARDIOVASCULAR DISEASE  
**S.Y. Chan**  
Brigham and Women’s Hospital/Harvard Medical School, Boston, MA, USA

PROTEIN TYROSINE PHOSPHATASES AS NOVEL THERAPEUTIC TARGET AGAINST ACUTE CARDIAC ISCHEMIA  
**C.F. Cheng, Y.Y. Chen, W.S. Lian, K.H. Khoo, T.C. Meng**  
Tzu Chi General Hospital, Hualien, Taiwan

OPTICAL MOLECULAR IMAGING OF ATHEROMA INFLAMMATION IN MURINE CAROTID PLAQUES WITH A NOVEL, MANNOSE RECEPTOR TARGETING NEAR-INFRARED FLUORESCENCE PROBE  
Korea University Guro Hospital, Seoul, South Korea
P401  GENETICS OF HEART DISEASE

MYOCARDITIS IS A MARKER OF ACTIVE DISEASE IN ARRYTHMOGENIC CARDIOMYOPATHY: ANALYSIS OF CLINICAL FEATURES AND OUTCOMES

Virgen de la Arrixaca University Hospital, University of Murcia, El Palmar, Murcia, Spain

CYP2C19 GENETIC VARIATION AND INDIVIDUALIZED CLOPIDOGREL PRESCRIPTION IN A CARDIOLOGY CLINIC – A PERSPECTIVE STUDY

Easton Hospital, Drexel University, Easton, PA, USA

GENETIC INFORMATION-GUIDED THROMBOEMBOLISM PRECAUTION AND TREATMENT IN A CARDIOLOGY CLINIC – A PERSPECTIVE STUDY

**A. Mirabbasi**, R. Thachil, Y. Wu, W. Fan, B. Khalighi, K. Khalighi
Easton Cardiovascular Associates, Easton Hospital, Drexel University, Easton, PA, USA

P402  CARDIOVASCULAR IMAGING: NUCLEAR CARDIOLOGY, CARDIAC CT AND MRI

DISTRIBUTION OF CORONARY CALCIFICATIONS IN PATIENTS WITH SUSPECTED CORONARY HEART DISEASE

**F. von Ziegler**, M. Greif, J. Schenzle, C. Becker, A. Becker
Ludwig-Maximilians-University, Grosshadern Campus, Munich, Germany

EPICARDIAL ADIPOSE TISSUE THICKNESS UNDERESTIMATE TOTAL CARDIAC FAT CONTENT: COMPARISON OF UNIDIMENSIONAL AND VOLUMETRIC METHODS

**H. Vefali**, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

SHARED MEDICAL APPOINTMENT TO PRE-SCREEN CCTA PATIENTS - A NOVEL APPROACH IN ESTABLISHING CARDIAC CT PROGRAM

**M.Q. Najib**, A. Loli, S. Murarka, D. Tumbiolo, U. Fatima
Banner Good Samaritan Medical Center/Carl T. Hayden Medical Center, Phoenix, AZ, USA
P403  LIPIDS, LIPOPROTEIN DISORDERS AND CAD

CLINICAL IMPLICATIONS OF THE EICOSAPENTAENOIC ACID TO ARACHIDONIC ACID RATIO IN PATIENTS WITH CORONARY ARTERY DISEASE

Saitama Medical Center, Saitama Medical University, Kawagoe, Japan

EFFICACY AND TOLERABILITY OF TWO DIFFERENT FORMULATIONS OF ATORVASTATIN IN PATIENTS WITH HYPERCHOLESTEROLEMIA; MULTICENTER, PROSPECTIVE, RANDOMIZED TRIAL

S.H. Kim, H.L. Lee, H.L. Kim, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim, K.J. An
Seoul Boramae Medical Center, Seoul National University College of Medicine, Korea

LIPOPROTEIN FRACTIONS AND SUBFRACTIONS IN A MURINE MODEL OF EARLY ATHEROSCLEROSIS

Institute of Physiology SB RAMS, Institute of Catalysis SB RAS, Novosibirsk, Russia

P404  CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT

PSYCHIATRIC COMORBIDITY AFTER ACUTE MYOCARDIAL INFARCTION: A POPULATION-BASED COHORT STUDY

W.C. Tzeng, H.P. Feng, S.M. Cheng, W.C. Chien
Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

PREVALENCE AND DETERMINANTS OF INSOMNIA FOLLOWING A MYOCARDIAL INFARCTION

D. Da Costa, P. Desormeau, E. Libman, A.A. Allman, C. Grover, M. Raptis, I. Lowenstein, S. Grover, McGill University, Montreal, QC, Canada

HBA1C AMONG ANGIOGRAPHIED CORONARY PATIENTS MORE STRONGLY PREDICTS CARDIOVASCULAR RISK IN WOMEN THAN IN MEN

Academic Teaching Hospital Feldkirch, Feldkirch, Austria

PROBNP STRONGLY PREDICTS VASCULAR EVENTS INDEPENDENTLY FROM THE ANGIOGRAPHICALLY DETERMINED CORONARY ARTERY STATE

Academic Teaching Hospital Feldkirch, Feldkirch, Austria
P404  CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT (cont.)

ASSOCIATION OF FRIESINGER SCORE AND ELEVATED SERUM TRANSAMINASE LEVELS IN OCTOGENARIANS
S. Madan, D. Singal, C.S. Pitchumoni
Drexel University College of Medicine/Saint Peters University Hospital, New Brunswick, NJ, USA

CHORONIC AND ACUTE EFFECT OF SMOKING ON RIGHT AND LEFT VENTRICULAR DIASTOLIC FUNCTION
M. Seiedian, F. Ahmadi, L. Asgharinejad, M. Nourizadeh
Atherosclerosis Research Center, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

DETERMINANTS OF THE HEALTH-RELATED QUALITY OF LIFE IN MALE PATIENTS WITH CORONARY ARTERY DISEASE
N. Arat, S. Usalp, O. Demiroz, C. Ciftci
Istan Science University, Medical School, Cardiology Department, Istanbul, Turkey

HYPOCHLORHYDRIA IN MENOPAUSAL WOMEN; RELATIONSHIPS WITH ATHEROSCLEROSIS RISK FACTORS AND LOW LEVEL INFLAMMATORY SYNDROME IN PATIENTS WITH CARDIOVASCULAR DISEASE
I.A. Gutiu, A.I. Gutiu, F.S. Radulescu
"Carol Davila" University of Medicine and Pharmacy, Bucuresti, Romania

P405  PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR AHEROTHERMOBISTIC DISEASE

MACRONUTRIENT INTAKE IS NOT ASSOCIATED WITH CORONARY ARTERY CALCIFICATION IN HEALTHY KOREAN ADULTS
K.C. Sung, S.H. Lee
Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

RISK OF STROKE AND MYOCARDIAL INFARCTION IN WOMEN WITH LOW SOCIAL SUPPORT IN RUSSIA OVER 16 YEARS: MONICA-PSYCHOSOCIAL EPIDEMIOLOGICAL STUDY
D.O. Panov, V.V. Gafarov, E.A. Gromova, I.V. Gagulin, A.V. Gafarova
Research Institute of Internal and Preventive Medicine SB RAMS, Novosibirsk, Russia

CARDIOVASCULAR CLINIC IMPACT ON RISK FACTOR MODIFICATION IN AN INNER-CITY, UNINSURED POPULATION
P.A. Levin, K.I. Khalaf, K. Omidvar, Z. Chen, P.R. Orlander, F. Fuentes
University of Texas Health Science Center at Houston, Houston, TX, USA
P406 LEFT VENTRICULAR HYPERTROPHY / HYPERTROPHIC CARDIOMYOPATHY / DIASTOLIC DYSFUNCTION

CHRONIC HEART FAILURE PATIENTS WITH REDUCED VERSUS PRESERVED EJECTION FRACTION IN SAUDI ARABIAN COHORT
W. Al-Shaqha
Imam Muhammad Ibn Saud Islamic University, Riyadh, Saudi Arabia

P407 ADVANCES IN CARDIAC SURGERY: SURGICAL REvascularization / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION

PATHOLOGICAL FINDINGS IN CARDIAC APEX REMOVED DURING IMPLANTATION OF VENTRICULAR ASSIST DEVICES (VAD) ARE NON-SPECIFIC
T. Strecker, J. Roesch, A. Agaimy, M. Weyand
Friedrich-Alexander-University of Erlangen-Nuremberg, Center of Cardiac Surgery, Germany

TRENDS IN INTRA-AORTIC BALLOON PUMP USE OVER TIME WITH INDICATION FOR USE
B.W. Ternus, R.J. Lennon, G.W. Barsness
Mayo Clinic, Rochester, MN, USA

DEPRESSION AND DECREASED RISK OF IN-HOSPITAL MORTALITY AMONG HEART TRANSPLANT RECIPIENTS: FINDINGS FROM A US NATIONAL STUDY
New York Medical College, Valhalla, NY, USA

A NEW CLASSIFICATION FOR CORONARY ARTERY BIFURCATION LESIONS
T. Papadopoulos, A. Nikitopoulos, G. Spiromitros, A. Antoniou, J. Kanonidis
Hippokration University Hospital, Greece

ARE AIRBAGS PROTECTIVE OR DETRIMENTAL TO THE HEART POST MOTOR VEHICLE ACCIDENTS?
R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

STUDY THE EFFECT OF CORONARY ARTERY BYPASS GRAFT (CABG) WITH EXTRA CORPOREAL CIRCULATION (ECC) ON HEARING STATUS: ASSESSING A WIDE RANGE OF FREQUENCIES PRE-AND POST-OPERATIVELY
Atherosclerosis Research Center, Ahwas Jondishapour University, Ahwas, Iran
P408  CARDIOVASCULAR QUALITY IMPROVEMENT AND OUTCOMES

PROVIDING EQUITY IN CARE DELIVERY BY RACE, ETHNICITY AND LANGUAGE: TEXAS HEALTH RESOURCES' INITIAL REVIEW
Texas Health Resources, Arlington, TX, USA

THE COST AND BENEFITS OF HELICOPTER EMERGENCY MEDICAL SERVICES INSTEAD OF THE GROUND UNIT IN CHEST TRAUMATIC PATIENTS: A COST-EFFECTIVENESS ANALYSIS
A. Shamsakhtari, N. Saadatjafari, H. Kariman, M. Nourizadeh, N. Asadinia
Atherosclerosis Research Center, Ahwas Jondishapour University, Ahwas, Iran

SERIAL ECHOCARDIOGRAPHY FOR EARLY DIAGNOSIS OF CARDIOTOXICITY IN BREAST CANCER PATIENTS TREATED WITH TRASTUZUMAB
Loyola University Medical Center, Maywood, IL, USA

PREDICTORS OF MORTALITY IN HOSPITALIZED PATIENTS WITH HYPERKALEMIA
J.B. Khanagavi, P.M. Phatak, T. Gupta, W.S. Aronow, J. Garg, S. Sule
New York Medical College, Valhalla, NY, USA

A SINGLE-CENTER RETROSPECTIVE COMPARISON OF STRESS ECHOCARDIOGRAPHY UTILIZATION BETWEEN FAMILY MEDICINE PHYSICIANS AND INTERNISTS
A. Chaudhry, G.A. Baquero, W.R. Davidson, A.J. Foy
Penn State Hershey Medical Center, Hershey, PA, USA
PL17  Plenary Session
DIET, LIFESTYLE AND CVD PREVENTION – NEW ORIGINS

IS THE DASH DIET THE OPTIMAL DIET FOR HEART FAILURE PATIENTS?
(Invited Lecture)
M.A. Silver, Advocate Christ Medical Center, University of Illinois, IL, USA

MEDITERRANEAN DIET AND SECONDARY PREVENTION OF CVD (Invited Lecture)
D.B. Panagiotakos, Harokopio University, Athens, Greece

LOOKING BACK ON THE LOOK AHEAD TRIAL (Invited Lecture)
E. Barrett-Connor, University of California San Diego, La Jolla, CA, USA

S. Vallurupalli, J.L. Mehta
University of Arkansas for Medical Sciences, Little Rock, AR, USA

INTEGRATING NUTRITION EDUCATION INTO THE CARDIOVASCULAR CURRICULUM CHANGES MEDICAL STUDENT EATING HABITS (Invited Lecture)
R. Zelis, E. Vargas
Pennsylvania State University, Hershey Medical Center, Hershey, PA, USA

DO VITAMIN AND MINERAL SUPPLEMENTS HAVE A ROLE IN CARDIOVASCULAR DISEASE PREVENTION? (Invited Lecture)
H.D. Sesso, Brigham and Women's Hospital, Boston, MA, USA

ALTERNATE HEALTHY EATING INDEX, MEDITERRANEAN AND DASH DIETARY PATTERNS AND RISK OF DEATH IN THE PHYSICIAN’S HEALTH STUDY (Invited Lecture)
L. Djousse, A. Petrone, J.M. Gaziano
Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

RACIAL DIFFERENCES IN VITAMIN D/PARATHYROID HORMONE ENDOCRINE SYSTEM AND CARDIOVASCULAR DISEASE (Invited Lecture)
Y. Song, Indiana University, Indianapolis, IN, USA
MONDAY, JULY 28, 2014

08:30 – 11:00  Hall A

PL17  Plenary Session
DIET, LIFESTYLE AND CVD PREVENTION – NEW ORIGINS (cont.)

DIETARY FATTY ACIDS COMPOSITION AS A RISK FACTOR FOR CARDIOMETABOLIC DISORDERS: BEYOND THE CALORIES (Invited Lecture)
L. Wang, Brigham and Women’s Hospital, Boston, MA, USA

THE ROLE OF EXERCISE AND REHABILITATION FOR HEART FAILURE PATIENTS (Invited Lecture)
C. Chrysohoou, Hippokration Hospital, University of Athens, Greece

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL18  Plenary Session
ADVANCES IN THE TREATMENT AND MANAGEMENT OF HEART FAILURE

THE MANAGEMENT OF PATIENTS WITH ADVANCED HEART FAILURE
(Invited Lecture)
V.H. Pitzalis, East Carolina University, The Brody School of Medicine, Greenville, NC, USA

CAN WE PREVENT HEART FAILURE READMISSIONS? (Invited Lecture)
P.A. Heidenreich, Stanford University, Palo Alto, CA, USA

ROLE OF THE “PERIPHERY” IN HEART FAILURE AND PRESERVED EJECTION FRACTION (Invited Lecture)
J.A. Chirinos, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

CARDIORENAL SYNDROME: NOT AS STRAIGHT FORWARD AS WE USED TO THINK (Invited Lecture)
A. Kazory, University of Florida, Gainesville, FL, USA

NEW TECHNOLOGIES TO IMPROVE CRT OUTCOME (Invited Lecture)
K. Seidl, Klinikum Ingolstadt, Germany

COLCHICINE AND NEW MANAGEMENT STRATEGIES FOR ACUTE AND RECURRENT PERICARDITIS (Invited Lecture)
M. Imazio, Maria Vittoria Hospital, Torino, Italy

SKELETAL MUSCLE HYPERTROPHY INDUCED BY NOVEL KAATSU REHABILITATION AND PREVENTION OF SARCOPENIA (Invited Lecture)
T. Nakajima, T. Yasuda, S. Koide, Y. Sato, T. Morita, T. Tomaru, Y. Kano
University of Tokyo, Tokyo, Japan

PERICARDIAL INVOLVEMENT FREQUENTLY COMPLICATING PULMONARY AND/OR SYSTEMIC SARCOID GRANULOMATOSIS. A LIFE-LONG, MULTI STAGE DISEASE, PERIODICAL STUDY IN 278 BIOPSY –PROVEN SARCOIDOSIS PATIENTS (Invited Lecture)
I. Angomachalelis, G. Kyrizias, N. Angomachalelis
Aristotle University of Thessaloniki,"G.Papanickolaou" General Hospital, Greece

IMATINIB: A NOVEL CANDIDATE FOR TREATMENT OF PERMEABILITY EDEMA (Invited Lecture)
G.P. van Nieuw Amerongen, VU University Medical Center, Amsterdam, The Netherlands

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S33 Session
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASE

PHARMACOGENETICS-GUIDED INDIVIDUAL WARFARIN DOSING IN A CARDIOLOGY CLINIC – A PERSPECTIVE OBSERVATORY STUDY
W.Q. Fan, Y. Wu, B. Khalighi, A. Mirabbasi, R. Thachil, E.J. Mascarenhas, K. Khalighi
Easton Hospital, Drexel University, Easton, PA, USA

A MICRO-RNA-410 REGULATED LIPOPROTEIN LIPOASE POLYMORPHISM IS ASSOCIATED WITH TRIGLYCERIDES AND STROKE INCIDENCE
Instituto de Salud Carlos III, Madrid, Spain

ATF3 PROTECT AGAINST PRESSURE OVERLOAD HEART FAILURE VIA BECLIN-1 PATHWAY
C.F. Cheng, S.F. Li, H. Lin
Tzu Chi General Hospital, Hualien, Taiwan

RAPID UP-REGULATION AND CLEARANCE OF DISTINCT CIRCULATING MICRORNAS AFTER PROLONGED AEROBIC EXERCISE
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

RANOLAZINE PREVENTS TRASTUZUMAB-CARDIOTOXICITY IN EXPERIMENTAL MODELS
N. Maurea, C. Coppola, G. Piscopo, D. Rea, C. Maurea, F. Galletta, E. Esposito, I. Capasso, P. Maiolino, C. Arra
National Cancer Institute Pascale Foundation IRCCS, Naples, Italy

VARIATION IN THE MINICHROMOSOME MAINTENANCE COMPLEX COMPONENT 6 GENE, DAIRY INTAKE AND CARDIOVASCULAR RISK
Instituto de Salud Carlos III, Madrid, Spain

GENE ELECTRO TRANSFER OF PVEGF INDUCES ANGIOGENESIS AND IMPROVES CARDIAC FUNCTION IN A PORCINE ISCHEMIA MODEL
B. Hargrave, R. Strange, Jr., C. Lundberg, N. Burcus, A. Bulysheva, R. Heller
Old Dominion University, Norfolk, VA, USA

THE FAMILY HISTORY AND GENETIC RISK DISCONNECT IN WOMEN
Rush University Medical Center, Chicago, Illinois, USA
S33 Session
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASE

REPETITIVE APPLICATION OF RESTRICTION OF MUSCLE BLOOD FLOW ENHANCES MTOR SIGNALING PATHWAYS IN A RAT MODEL
T. Nakajima, T. Yasuda, S. Koide, Y. Sato, T. Tomaru, Y. Kano
University of Electro-Communications, Tokyo, Japan

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL19  Plenary Session
CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROME

OLD AND EMERGING OPTIONS FOR TREATMENT OF REFRACTORY ANGINA: A CRITICAL APPRAISAL (Invited Lecture)
U. Thadani, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA

MANAGEMENT OF STABLE ISCHEMIC HEART DISEASE: OVERVIEW OF RECENT GUIDELINES (Invited Lecture)
J.M. Gardin, Hackensack University Medical Center, NJ, USA

IN-VIVO RISK STRATIFICATION OF INDIVIDUAL CORONARY ARTERY PLAQUES: EVOLVING PARADIGM FOR PREEMPTIVE MANAGEMENT OF PATIENTS WITH CAD (Invited Lecture)
P.H. Stone
Brigham & Women's Hospital, Boston, MA, USA

FRACTIONAL FLOW RESERVE (FFR) AT 2014- WHERE ARE WE AND WHERE IS IT GOING (Invited Lecture)
E. Kaluski, University Hospital, Newark, NJ, USA

IS ISCHEMIA UNIVERSAL IN A CHRONIC TOTAL OCCLUSION? (Invited Lecture)
R. Sachdeva, North Fulton Hospital, Roswell, GA, USA

OPTIMAL DURATION OF DUAL ANTIPLATELET THERAPY AFTER DES IMPLANTATION: EXCELLENT TRIAL AND FUTURE PERSPECTIVES (Invited Lecture)
H-C. Gwon, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

DUAL UTILIZATION OF EXERCISE ECHOCARDIOGRAMS AND MYOCARDIAL PERFUSION IN ASSESSING ISCHEMIA IN A CARDIOLOGY PRACTICE (Invited Lecture)
Y. Charuzi, R.W. Gao, J. Mirocha, Cedars Sinai Heart Institute, Los Angeles, CA, USA

ATYPICAL AND UNUSUAL CLINICAL PRESENTATIONS OF PATIENTS WITH ISCHEMIC HEART DISEASE (Invited Lecture)
H.K. Reddy, R. Komatireddy, R.K. Sharma
St. Louis University Medical School, St. Louis, Missouri, USA

STABLE ISCHEMIC HEART DISEASE: EVOLVING CONCEPTS AND THE ROLE OF ISCHEMIA (Invited Lecture)
M.S. Sidhu, Albany Medical College, Albany, NY, USA
PL19  Plenary Session
CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE
AND ACUTE CORONARY SYNDROME

SHOULD DUAL ANTI-PLATELET THERAPY FOR CORONARY ARTERY DISEASE BE
MORE OR LESS THAN 12 MONTHS? : A META-ANALYSIS
D. Garcia, M. Ansari, C. Martinez, C. Alfonso, A. Benjo, M. Cohen, E. De Marchena
University of Miami/Jackson Memorial Hospital, Miami, FL, USA

CT FLOW METRICS BASED ON CONTRAST OPACIFICATION
F.J. Rybicki, D.M. Mitsouras
Applied Imaging Science Lab, Brigham and Women's Hospital, Boston, MA, USA
PL20  Plenary Session
OBESITY, DIABETES AND CVD

THE MACROPHAGE A2B ADENOSINE RECEPTOR REGULATES OBESITY-INDUCED TISSUE INSULIN SENSITIVITY (Invited Lecture)
K. Ravid, H. Johnston-Cox, A. Eisenstein, M. Koupenova-Zamor
Boston University School of Medicine, Boston, MA, USA

METABOLIC SYNDROME CRITERIA: CAUSE VERSUS EFFECT OF CARDIOMETABOLIC DISEASE
T.B. Levine, Drexel University College of Medicine, Philadelphia, PA, USA

MITOCHONDRIAL DYSFUNCTION AND DIABETIC HEART DISEASE (Invited Lecture)
S. Kobayashi, Y. Huang, Q. Liang
New York Institute of Technology, Old Westbury, NY, USA

BENEFITS AND RISKS OF ANTIDIABETIC TREATMENT IN PATIENTS WITH CORONARY ARTERY DISEASE AND HEART FAILURE (Invited Lecture)
C.H. Saely, VIVIT Institute, Academic Teaching Hospital, Feldkirch, Austria

SERENDIPITY IN MEDICINE; DOES CHANCE TRULY FAVOR THE PREPARED MIND? (Invited Lecture)
R.W.W. Biederman, Carnegie Mellon University, Allegheny General Hospital, Pittsburgh, PA, USA

HIGH CARDIOVASCULAR RISK IN NON-ALCOHOLIC FATTY LIVER DISEASE: A POSSIBLE ROLE FOR INCREASED OXIDATIVE STRESS?
F. Angelico, M. Del Ben, L. Polimeni, F. Baratta, D. Pastori, R. Carnevali,
S. Bartimoccia, F. Violi
Sapienza University, Rome, Italy

IMPACT OF METABOLIC SYNDROME ON SUBCLINICAL ATHEROSCLEROSIS IN ASYMPTOMATIC INDIVIDUALS
S.M. Jung, G.M. Park, C.J. Kim, J.S. Cho, M.W. Park, S.H. Her, S.W. Lee
Daejeon St. Mary's Hospital, the Catholic University of Korea, Daejeon, Korea
S34 Session
DISEASE PATHWAYS AND NEW TREATMENT STRATEGIES IN HEART FAILURE AND CARDIOMYOPATHIES

TREATING RAPID ATRIAL FIBRILLATION IN DECOMPENSATED HEART FAILURE: METOPROLOL IS SUPERIOR TO DILTIAZEM
Washington University in St. Louis School of Medicine, St. Louis, Missouri, USA

PREDICTORS OF HEART FAILURE WITH PRESERVED EJECTION FRACTION (HFPEF)
A. Kumar, A.K. Saluja, A. Khan, D. Gandhi, M.A. Morsi, W.I. Khalife
University of Texas Medical Branch, Galveston, TX, USA

OPTIMIZING HEART FAILURE OUTCOMES: WHICH HOSPITAL CARE MODEL CAN WE LEARN FROM?
P.M. Ndunda, M. Farhoud, H. Farhoud, K.J. Kallail
Kansas University School of Medicine-Wichita, Wichita, KS, USA

COMPARATIVE EFFECTIVENESS OF TRANSITIONAL CARE SERVICES IN PATIENTS DISCHARGED FROM THE HOSPITAL WITH HEART FAILURE (HF): A META-ANALYSIS
Population Health Research Institute and McMaster University, Hamilton, Ontario, Canada

INFLUENCE OF PREHYPERTENSION AND STAGE-1 HYPERTENSION ON THE OUTCOME OF ADULTS WITH HYPERTROPHIC CARDIOMYOPATHY
Y.R. Manda, L.B. Chebrolu, J. Shirani
St Luke's University Health Network, Bethlehem, PA, USA

ASSOCIATION OF HUMANIN A NOVEL MITOCHONDRIAL DERIVED PROTEIN AND HUMAN HEART FAILURE: RESULTS OF A PILOT INVESTIGATION
H. Narayanasamy, N. Bardia, J. Wan, D. Lee, P. Cohen, L. Grazette
Keck Medical School of USC, LA, CA, USA
S34  Session  
DISEASE PATHWAYS AND NEW TREATMENT STRATEGIES IN HEART FAILURE AND CARDIOMYOPATHIES (cont.)

DECREASED RENAL FUNCTION IS ASSOCIATED WITH HEART FAILURE READMISSION  
**M.R. Vindhyal, B. Duran, H. Farhoud, K.J. Kallail**  
KU School of Medicine, Wichita, Kansas, USA

EDHFC: INITIAL EXPERIENCE WITH A NOVEL MULTIDISCIPLINARY COLLABORATION TO DECREASE HEART FAILURE ADMISSIONS  
**A.S. Bhatt, C. Cosgrove, M. Moorer, A.J. Smally, J. Radojevic, D. Wencker, J.A. Gluck**  
University of Connecticut School of Medicine, Farmington, CT, USA

COLCHICINE USE FOR THE PRIMARY PREVENTION OF POSTPERICARDIOTOMY SYNDROME (CUPP): A META-ANALYSIS  
**C.K. Fomaneg, P.E.E Samonte, M.M. Sasondoncillo-Nadal, C.L.L Sim Apura, L.P. Padua**  
Philippine Heart Center, Quezon City, Philippines

TRASTUZMAB CARDIOTOXICITY DOCUMENTED BY SERIAL ASSESSMENT OF LEFT VENTRICULAR SYSTOLIC FUNCTION AND GLOBAL LONGITUDINAL PEAK STRAIN  
**A.M. Cook, R.C. Phillion, K.J. Babbitt, L.L. Eberhart, D.E. Langholz, H.L. Sherman.**  
Spectrum Health Frederik Meijer Heart & Vascular Institute, Grand Rapids, MI, USA

PREDICTORS OF LEFT VENTRICULAR DYSFUNCTION AFTER ARTERIAL-VENOUS FISTULA PLACEMENT  
Albany Medical College, Albany, NY, USA
P501  MOLECULAR AND CELLULAR CARDIOLOGY, BASIC AND TRANSLATIONAL RESEARCH

ENHANCED INHIBITORY EFFECTS OF AMIODARONE ON HERG CHANNELS DUE TO A COMPOUND MUTATION L539/FS47-HERG LINKED TO LONG QT SYNDROME TYPE 2
G.L. Li, A.F. Zhang, J.E. Wu, W.Q. Han, S.T. Ma, Y. Lv, C.C. Cui, C.F. Sun
The First Affiliated Hospital, Xi’an Jiao tong University College of Medicine, Xi’an, Shaanxi, China

GAB1 IS ESSENTIAL FOR CARDIOPROTECTION AGAINST ISCHEMIC/REPERFUSION INJURY
L. Sun, C. Chen, B. Jiang, X. Yang, R.L. Zhang, Y.Q. Huo, G.S. Feng, Y. Zhang,
J.C. Luo
Institute of Molecular Medicine, Peking University, Beijing, China

PREVALENCE OF ANTIPLATELET DRUG RESISTANCE IN ASIAN COMMUNITY
A.P. Sadath, G.V. Raghavan
Kims Hospital, Trivandrum, Kerala, India

ANTIOXIDANT EFFECT OF METABOLIC DRUG ELTACIN AND ITS USE IN THERAPY OF AGING PATIENTS WITH ISCHEMIC HEART DISEASE
E.V. Kalinina, R.M. Zaslavskaya, Y.R. Nartsissov
Peoples’ Friendship University of Russia, Moscow, MS, Russia

ESSENTIAL ROLE OF UVRAG IN CARDIAC FUNCTION
L. An, Z. Song, Y. Ye, Y. Zou, L. He, H. Zhu
Bio-X Institutes, Key Laboratory for the Genetics of Developmental and Neuropsychiatric Disorders, Ministry of Education, Shanghai Jiao Tong University, Shanghai, China

HIGH-FAT DIET ENHANCED CTRP1 PROTEIN STIMULATES SIGNALING PATHWAY RELATED TO MUSCLE CONTRACTION IN C2C12 MYOCYTES
Y. Yang
Sookmyung Women’s University, Seoul, Republic of Korea

P502  PROGRESS IN ECHOCARDIOGRAPHY

IMPORTANT ETHNIC DIFFERENCES IN STROKE VOLUME (SV) – BODY SURFACE AREA (BSA) RELATIONS: ECHONORMAL META-ANALYSIS
J.M. Gardin, K.K. Poppe, G.A. Whalley; R. Senior, on behalf of the EchoNoRMAL collaborators
Hackensack University Medical Center, Hackensack, NJ, USA
P502  PROGRESS IN ECHOCARDIOGRAPHY (cont.)

ECHOCARDIOGRAPHIC INDICES ASSOCIATED WITH THE PHENOTYPE OF FRAILTY
S.M. Gharacholou, T. Tashiro, S.S. Cha, P.Y. Takahashi
Mayo Clinic Health System, La Crosse, WI, USA

ANALYSIS OF VALVAR AND LEFT VENTRICULAR PARAMETERS IN INFECTIVE AORTIC ENDOCARDITIS AS PREDICTORS OF OUTCOME: A COMBINED ASSESSMENT BY TRANSESOPHAGEAL AND STRAIN ECHOCARDIOGRAPHY
A. Vitarelli, L. Capotosto, F. Caranci, I. D'Angeli, M. De Maio, R. Ashurov
Sapienza University, Rome, Italy

ENHANCEMENT OF PEAK AORTIC VELOCITY SIGNALS BY CONTRAST MICROBUBBLES
J.C. Westerdale, E. McMahon, M. Katayama, H.P. Chaliki, M. Belohlavek
Mayo Clinic Arizona, Scottsdale, AZ, USA

ASSESSMENT OF LEFT AND RIGHT ATRIAL FUNCTION BY THREE-DIMENSIONAL SPECKLE TRACKING ECHOCARDIOGRAPHY FOLLOWING PERCUTANEOUS CLOSURE OF PATENT FORAMEN OVALE
A. Vitarelli, E. Mangieri, G. Tanzilli, L. Capotosto, A. Azzano, K. Mukred, M. De Maio, R. Ashurov
Sapienza University, Rome, Italy

RIGHT VENTRICULAR DYSFUNCTION AND DYSSYNCHRONY AFTER SURGICAL REPAIR OF TETRALOGY OF FALLOT: A THREE-DIMENSIONAL AND SPECKLE TRACKING ECHOCARDIOGRAPHIC STUDY
A. Vitarelli, F. Miraldi, I. D'Angeli, L. Capotosto, R. Ashurov, M. De Maio
Sapienza University, Rome, Italy

TWO-DIMENSIONAL AND THREE-DIMENSIONAL SPECKLE-TRACKING ECHOCARDIOGRAPHY IN THE ASSESSMENT OF LEFT AND RIGHT VENTRICULAR FUNCTION AFTER MITRACLIP IMPLANTATION IN FUNCTIONAL MITRAL REGURGITATION
A. Vitarelli, E. Mangieri, G. Tanzilli, L. Capotosto, R. Ashurov, M. De Maio
Sapienza University, Rome, Italy

CORRELATION OF LEFT ATRIAL APPENDAGE (LAA) INFLOW AND OUTFLOW VELOCITIES WITH THE CHADS2 AND CHA2DS2-VASC SCORES
C.B. Clark, N. Telles, C.H. Renner
Iowa Physicians Clinic Medical Foundation, Des Moines, Iowa, USA
P502  PROGRESS IN ECHOCARDIOGRAPHY (cont.)

ROLE OF SIMULATION IN ECHOCARDIOGRAPHY TRAINING IN CARDIOLOGY FELLOWS: A PILOT STUDY
N. Sareen, R. Adams, A. Ojha, K. Patel, W. Smith
St Joseph Mercy Oakland, Wayne State University, Pontiac, MI, USA

A META-ANALYSIS OF ASSOCIATION BETWEEN EPICARDIAL ADIPOSE TISSUE AND DIASTOLIC DYSFUNCTION
P. Agasthi, H.J. Willens, L. Tamariz
University of Miami, Miami, FL, USA

BICUSPID AORTIC VALVE AND AORTIC ROOT MORPHOLOGY IN HISPANIC PATIENTS
Department of Internal Medicine at Mount Sinai Medical Center, Miami Beach, FL, USA

CHANGES IN LV SYSTOLIC FUNCTION AND DIMENSIONS AFTER AV FISTULA PLACEMENT
Albany Medical Center, Albany, NY, USA

ANOMALOUS ORIGIN OF THE LEFT CORONARY ARTERY FROM THE PULMONARY TRUNK IN ASYMPTOMATIC ADOLESCENT ATHLETE. CASE REPORT
E. Vallejo, K. Rojas, C. Cely, D. Maldonado
Universidad Libre-seccional, Cali, Colombia

3D TRANSESOPHAGEAL ECHOCARDIOGRAPHY IMPROVES LEFT ATRIAL APPENDAGE EVALUATION PRIOR TO CARDIOVERSION
A. Ali, J. Banchs, A. Haouzi
Penn State University, Hershey, PA, USA
MONDAY, JULY 28, 2104

08:00 – 13:00

Poster Hall

P503 ATRIAL FIBRILLATION AND STROKE PREVENTION

HOW IS THE QUALITY OF INR CONTROL FOR STROKE PREVENTION IN NON-VALVULAR ATRIAL FIBRILLATION IN CLINICAL PRAXIS?
University Hospital of Sabadell (Univ. Autonoma de Barcelona), Sabadell, Spain

AGE AND GENDER COMPARISONS OF ATRIAL FIBRILLATION PREVALENCE IN PATIENTS WITH HYPERTENSION AND NORMAL BLOOD PRESSURE
Division of Cardiology, Mayo Clinic Jacksonville, FL, USA

ANTITHROMBOTIC THERAPY IN ELDERLY PATIENTS WITH ATRIAL FIBRILLATION: A SINGLE CENTER RETROSPECTIVE STUDY
W. Xiang, M.L. Liu, F. Liu, X.R. Feng, Y.C. Wang
First Hospital, Peking University, Beijing, China

ELEVATED SERUM URIC ACID LEVELS AND DIASTOLIC DYSFUNCTION IN PATIENTS WITH ATRIAL FIBRILLATION CONVERTED TO SINUS RHYTHM
Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea

ANGIOEDEMA: AN UNCOMMON BUT POTENTIALLY LIFE-THREATENING DRUG REACTION OF APIXIBAN
A. Khan, T. Aung, R. Bhagat, D. Mascarenhas, Easton Hospital, Pennsylvania, PA, USA

HEPATITIS C PATIENTS HAVE A HIGHER RISK OF ATRIAL FIBRILLATION
H. Paydak, N.V. Potheneni, S. Vallurupalli, J.L. Mehta
University of Arkansas for Medical Sciences, Little Rock, AR, USA

OBSERVATIONAL STUDY OF THE CHARACTERISTICS AND MANAGEMENT OF PATIENTS ADMITTED WITH A PRIMARY DIAGNOSIS OF ATRIAL FIBRILLATION
Z.S. Brewer, M. Rawala, C. Velarde, M. Hamdan, R. Ali, R. Chahoud, S. Kemper, W.H. Carter, Charleston Area Medical Center, Charleston, WV, USA

SPONTANEOUS SUBDURAL HEMATOMA WHILE ON XARELTO (RIVAROXABAN)
A. Kodali, C.A. Hadadi, F. Elmi
Easton Hospital, Easton, PA, USA
P504 HEART VALVE DISEASE – CAUSES, SYMPTOMS, DIAGNOSIS AND TREATMENT

PREDICTED AND OBSERVED OUTCOMES OF MINIMALLY INVASIVE SURGERY FOR NATIVE AORTIC OR MITRAL VALVE INFECTIVE ENDOCARDITIS VIA A RIGHT MINI-THORACOTOMY APPROACH

Department of Internal Medicine at Mount Sinai Medical Center, Miami Beach, FL, USA

TRANSCUTANEOUS AORTIC VALVE REPLACEMENT UNDER FLUROSCOPIC GUIDANCE AND LOCAL ANESTHESIA ONLY

M. Greif, P. Lange, C. Schmitz, M. D’Anastasi, C. Kupatt
University of Munich, Department of Cardiology, Bayern, Germany

EFFECTS OF GENDER ON TRANSCATHETER AORTIC VALVE REPLACEMENT OUTCOMES

S. Dsouza, A. Elkharbotly, A. Delago, M. El-Hajjar, B. Shkolnik, D. Adams, A. White, M. Riordan, M. Torosoff
Albany Medical Center, Albany, NY, USA

DO EDWARD SAPIENS AND COREVALVE TRANSCATHETER DEVICES HAVE DIFFERENT PROCEDURE COMPLICATIONS FOR AORTIC VALVE REPLACEMENT? A META-ANALYSIS

D. Garcia, M. Ansari, R. Nascimento, J. Toussaint, C. Martinez, C. Alfonso, A. Heldman
University of Miami/Jackson Memorial Hospital, Miami, FL, USA

ASSOCIATION OF AORTIC VALVE CALCIFICATION AND EPICARDIAL FAT VOLUME

R. Koos, V. Brandenburg, N. Marx, C. Kuhl, S. Reinartz, T. Dirrichs
Department of Cardiology, RWTH Aachen University, Germany

IMPACT OF POSTOPERATIVE COMPLICATIONS ON LONG-TERM SURVIVAL IN ISOLATED AORTIC VALVE REPLACEMENT

University Hospital Santiago de Compostela, Spain

AGE ADJUSTED MORTALITY RATE FROM AORTIC VALVE SURGERY SHOWED PERSISTENT REDUCTION IN THE UNITED STATES WITH ELIMINATION OF GENDER GAP IN RECENT YEARS

M.R. Movahed, M. Hashemzadeh, M. Hashemzadeh
CareMore Health Care Arizona, USA
P504 HEART VALVE DISEASE – CAUSES, SYMPTOMS, DIAGNOSIS AND TREATMENT (cont.)

OBESITY AND OUTCOMES IN NORTH-AMERICAN PATIENTS TREATED WITH TRANSCATHETER AORTIC-VALVE REPLACEMENT
Albany Medical Center, Albany, NY, USA

OUR APPROACH TO SURGERY OF THE AORTIC ROOT ABSCESS: A 15-YEARS EXPERIENCE
Y. Ozen, S. Sarikaya, O. Altas, E. Aksoy, E. Kafali, K. Kirali
Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

INCIDENCE AND PREDICTORS OF PERMANENT PACEMAKER IMPLANTATION AFTER VALVE SURGERY- A SINGLE CENTRE EXPERIENCE
Lehigh Valley Health Network, Allentown, PA, USA

THE OPTIMAL CHOICE OF AVR PROSTHESIS AT AGE 60- WARFARIN OR REOPERATION
S. Aranki, M. Yammine, T. Kaneko
Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

NEW LBBB FOLLOWING TRANSCATHETER SAPIEN VALVE: INSIGHT INTO MECHANISMS
L. Jiang, G. Valania, W. Hiser, A. M. Islam
Baystate Medical Center, Tufts University, MA, USA

VALVE SPARING AORTIC ROOT RE-IMPLANTATION (DAVID V PROCEDURE): EARLY AND MIDTERMS RESULTS OF OUR CLINIC
S. Sarikaya, K. Kirali, Y. Ozen, A. Elibol, E. Basaran
Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

VALVULAR MIGRATION AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION: A CASE SERIES
C. Chu
Newark Beth Israel Medical Center, Newark, NJ, USA
P055  PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

THE DRIER THE BETTER: DOES RISING CREATININE FOLLOWING ULTRAFILTRATION IN ACUTE DECOMPENSATED HEART FAILURE PREDICT READMISSION?
Banner Good Samaritan Medical Center, Phoenix, AZ, USA

COMPARISON OF HOSPITAL READMISSION RATES IN HEART FAILURE PATIENTS WITH REDUCED VS. PRESERVED LEFT VENTRICULAR EJECTION FRACTION
I. Abramova, E.S. Shlofmitz, J. Guo, K. Lee, W.S. Malik, K. Zalewski, C. Weinberg, C. Keane, T.C. Kerwin
New York Hospital Queens, Weill Medical College, Flushing, NY, USA

A TEAM BASED STRATEGY TO MANAGE HIGH RISK HEART FAILURE PATIENTS IN A LARGE URBAN HEALTHCARE DELIVERY MODEL
I. Kedan, R. Khandwalla, K. Birkeland
Cedars Sinai Heart Institute, Los Angeles, CA, USA

INCIDENCE, RISK FACTORS, AND OUTCOME OF ACUTE DECOMPENSATED HEART FAILURE (ADHF) SUPERIMPOSED ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (AECOPD)
P. Charoenpong, C. Clarke
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

EFFECT OF CARE TRANSITION INTERVENTIONS ON DIFFERENT HEART FAILURE PATIENT SUBGROUPS, DEFINED BY UNDERLYING ETIOLOGY: ARE THERE IDENTIFIABLE SUBGROUPS MORE LIKELY TO BENEFIT?
T. Kern, I. Kedan, A. Kimchi
Cedars-Sinai Heart Institute, Los Angeles, CA, USA

IMPACT OF ECHO-GUIDED MEDICATION OPTIMIZATION IN PATIENTS WITH CHRONIC HEART FAILURE
F. Garcia Trobo, L. Pastori, B. Manduca, G. Pekler, F. Visco
New York Medical College, New York, NY, USA

FACTORS AFFECTING CARDIO-RENAL SYNDROME AND OUTCOMES IN ACUTE CONGESTIVE HEART FAILURE PATIENTS
The Wright Center for Graduate Medical Education, Scranton, PA, USA