



INTERNATIONAL ACADEMY OF CARDIOLOGY
ANNUAL SCIENTIFIC SESSIONS 2014
**19th WORLD CONGRESS ON
HEART DISEASE**
BOSTON, MA, USA, July 25-28, 2014

**ADVANCE PROGRAM
as of July 1, 2014**

SATURDAY, JULY 26, 2014

09:00 – 10:15

Hall A

OPENING CEREMONY

09:35 – 10:15

Hall A

OPENING LECTURE

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15

Hall A

**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 BENDAVIDA (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



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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



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Hall B

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



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Hall B

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)
K. Okumura, S. Ogasawara, H. Mukawa, T. Sone, H. Tsuboi, I. Morishima, M. Uesugi,
E. Matsushita, Y. Morita, T. Murohara
Toki Municipal General Hospital, Toki, Japan

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION



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Hall C

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)

A.G. Basnakian, E.O. Apostolov, O.K. Karaduta, D. Ray, S.T. Burns, A.V. Savenka, M.L. Eigenbrodt, S.V. Shah
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

P. Min, S. Isaacs, B.A. Parker, P.D. Thompson, C. Troyanos, P. D'Hemecourt, S. Dyer, A.L. Baggish, S.Y. Chan
Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

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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

C.D. Janish, E.R. Fenstad, C.M. Witt, G.C. Kane, P.A. Pellikka
Mayo Clinic, Rochester, MN, USA

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

M.G. Foulks, C.S. Herrington, R.M.L. Meyer, V.A. Starnes, W.J. Wells, K. Kallin, J.I. Gold, J.D. Menteer
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 TRANSPOSITION 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

H. Agha, **D. Mahgoub Aly**, F. Alzahraa Mostafa, A. Essam, Y. Kamal, G. Hussein, H. El-Kiky, M. Abdel-Raouf
Cairo University Hospitals, Pediatric Cardiology, Cairo, Egypt



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S21 Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY, CONGENITAL HEART DISEASE (cont.)

ISOPROTERENOL-ASSOCIATED RISK STRATIFICATION FOR SUDDEN DEATH AMONG PEDIATRIC PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME: LOCATION-BASED ACCESSORY PATHWAY REFRACTORY PERIODS

A. Bharmanee, 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,

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Poster Hall

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

T. Nantsupawat, J. Simoni, G. Simoni, G. Sutamtewagul, C. Mankongpaisarnrung, J. Suarez, L.A. Jenkins
Texas Tech University Health Sciences Center, Lubbock, TX, USA

DECADES AFTER TAKOTSUBO

M.U. Farooq, **W.Q. Fan**, T. Aung, N. Singh, K. Khalighi
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

Y.G. Ko, H.B. Park, D.H. Shin, J.S. Kim, B.K. Kim, D. Choi, M.K. Hong, Y. Jang
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???

S. Shakeel, Z. Ali, S. Tufail, M.I.H. Khan, I.H. Toor, G.N. Tayyab
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. Fernaine
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



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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

D. Corella, C. Ortega-Azorín, J.V. Sorlí, O. Portolés, E.M. Asensio, C. Saiz, R. Osma, P. Guillem-Saiz, J.I. González, O. Coltell

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

T. Nunohiro, M. Kurobe, K. Minami, S. Furudono, K. Amenomori, K. Uchida, S. Takeshita, H. Nakashima

Nagasaki Citizens Hospital, Nagasaki, Japan

DO WE REACH BETTER LIPID CONTROL IN DIABETIC PATIENTS AFTER PERCUTANEOUS CORONARY INTERVENTION?

A. Martinez-Rubio, E. Bosch-Peligero, M. Bonet-Alvarez, R. Flores-Clotet, M. DiazNuila-Alcazar, M. Santalo-Corcoy, E. Agut-Busquet, D. Valcarcel-Paz, J.C. Oliva-Morera, J. Guindo-Soldevila

University Hospital of Sabadell (Univ Autònoma de Barcelona), Sabadell, Spain



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**P104 DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND
ATHEROSCLEROSIS: BASIC AND CLINICAL (cont.)**

PROGNOSTIC VALUE OF CLINIC AND AMBULATORY BLOOD PRESSURE
MEASUREMENTS FOR PREDICTING THE RISK OF DEVELOPING DIABETES

R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain

INFLUENCE OF TIME OF DAY OF BLOOD PRESSURE-LOWERING TREATMENT ON
THE RISK OF DEVELOPING NEW-ONSET DIABETES

R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain

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

THE RELATIONSHIP BETWEEN JOB ENRICHMENT AND ABDOMINAL OBESITY: A
LONGITUDINAL FIELD STUDY OF APPARENTLY HEALTHY INDIVIDUALS

Y. Fried, G.I. Laurence, A. Shirom, S. Melamed, S. Toker, S. Berliner, **I. Shapira**
Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

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

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

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



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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

A.B. Malone, L.L. Eberhart, A.M. Cook, R.C. Phillion, M.F. Knox, D.E. Langholz
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

Y.G. Ko, G.S. Kim, D.H. Shin, J.S. Kim, B.K. Kim, D. Choi, M.K. Hong, Y. Jang
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



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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



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Hall A

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 VITAMIN 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



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Hall B

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

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Hall C

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. Simsekylimaz, 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



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

REGULATION OF ENDOTHELIAL VCAM-1 EXPRESSION VIA MODULATION OF ANTI-
OXIDANT 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

J.G. Kingma, D. Simard, D. Patoine, S. Pilote, B. Drolet, J.R. Rouleau,

C. Simard

Laval University, Quebec, Canada

ROLE OF NON-GENOMIC SIGNALING IN THE TISSUE SPECIFIC AND VASCULAR
PROTECTIVE EFFECTS OF ESTROGEN

G.R. Schnitzler, S.J. Bernelot Moens, C.D. Vallaster, F.K. Gordon,

M. Nickerson, H. Guo, Q. Lu, R.H. Karas

Tufts Medical Center, Boston, MA, USA

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Hall D

S22 Session
NEW DIRECTIONS IN CARDIOVASCULAR SURGERY

CHARACTERIZATION OF READMISSIONS IN THE LVAD SUPPORTED HEART FAILURE POPULATION

A.A. Schmitt, S. Anders, S. Lewey, B. McLaughlin, J. Bjelkengren, S.A. Schaefer, D. Sato, N. Nair, D. Sandler, T.B. Icenogle
Providence Sacred Heart Medical Center, Spokane, WA, USA

CAN BLOOD TYPE O PATIENTS ON LVADS BE AT INCREASED RISK FOR GI BLEEDS?

N. Nair, A.A. Schmitt, S. Anders, S.A. Schaefer, J. Bjelkengren, S. Lewey, B. McLaughlin, D. Sato, D. Sandler, T.B. Icenogle
Providence Sacred Heart Medical Center, Spokane, WA, USA

PARADOXICAL ASSOCIATION OF SMOKING AND OUTCOMES AMONG HEART TRANSPLANT RECIPIENTS

M. Mujib, W.S. Aronow, G.M. Lanier, D. Kolte, S. Khera, C. Palaniswamy, P. Harikrishnan, T. Ahmed, D. Jain, S. Sule, G.C. Fonarow, A.Ahmed, W.H. Frishman, A.L. Gass, S.D. Prabhu, J.A. Panza
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?

A. Saxena, **N. Agostinho**, L. Shan, T.D. Yan, M.P. Vallely, P.G. Bannon, A.E. Newcomb
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. Mohamedali, G. Bhat, A. Tatoes, G. Sayer
University of Illinois at Chicago/ Advocate Christ Medical Center, Chicago, IL, USA



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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



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Hall A

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 MICRORNAs 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



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Hall B

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



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Hall C

S23 Session

VALVULAR HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS

SEVERE LEFT VENTRICULAR DYSFUNCTION IS NOT A CONTRAINDICATION TO AORTIC VALVE REPLACEMENT FOR AORTIC INSUFFICIENCY

T. Kaneko, R.C. Neely, I. Gosev, Q. Javed, S. McGurk, J.C. Rawn, S.F. Aranki, J.G. Byrne, L.H. Cohn, **M. Leacche**
Brigham and Women's Hospital, Boston, MA, USA

OUTCOMES OF A HYBRID APPROACH OF PERCUTANEOUS CORONARY INTERVENTION FOLLOWED BY MINIMALLY INVASIVE AORTIC VALVE REPLACEMENT

H.M. Elmahdy, A.M. Pineda, S.A. Horvath, O. Santana, C.G. Mihos, N. Beohar, J. Lamelas
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

P. Harikrishnan, D. Kolte, C. Palaniswamy, S. Khera, M. Mujib, W.S. Aronow, S. Sule, D. Jain, A. Ahmed, G.C. Fonarow, W.H. Frishman, J.A. Panza
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

S.A. Horvath, C.G. Mihos, A.M. Pineda, H.M. Elmahdy, O. Santana, J.P. Rodriguez-Escudero, N. Beohar, J. Lamelas
Mount Sinai Medical Center, Miami Beach, FL, USA

MINIMALLY INVASIVE ISOLATED AORTIC VALVE REPLACEMENT IN OCTOGENARIANS

R.K. Krishna, O.M. Issa, D. Saha, O. Santana, G.A. Lamas, J. Lamelas
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



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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

I. Gosev, S. McGurk, T. Kaneko, D. Loberman, R.C. Neely, Q. Javed, M. Leacche, L.H. Cohn, S.F. Aranki
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

A. Saxena, L. Shan, M.P. Vallely, T.D. Yan, A.E. Newcomb, P.G. Bannon
Royal Prince Alfred Hospital, Sydney, NSW, Australia



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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

K.S. Cha, J.S. Park, J. Ahn, J.H. Kim, H.W. Lee, J.H. Oh, J.H. Choi, H.C. Lee, T.J. Hong, M.H. Jeong
Pusan National University Hospital, Busan, South Korea

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

R.C. Hermida, A. Moya, J.J. Crespo, A. Otero, M. Dominguez, M.T. Rios, C. Castineira, A. Mojon, J.R. Fernandez, D.E. Ayala
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

Y. Chen, L.D. Asico, S. Zheng, V.A. Villar, D.F. He, L. Zhou, C.Y. Zeng, P.A. Jose
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

D.E. Ayala, J.J. Crespo, M. Dominguez, A. Moya, A. Otero, M.T. Rios, C. Castineira, S.M. Gomara, J.R. Fernandez, R.C. Hermida
University of Vigo, Vigo, Spain



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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 CHLORTHALIDONE- 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

J.G. Lerios, M.J. Sta. Maria, A.B. Medrano, R.E. Ramboyong, I. Bundalian

The Medical City, Pasig City, Philippines



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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

M. Hashemian, **N. Asadinia**, M. Nourizadeh, A. Jamaati, M. Ghahremani, Z. Ahmadi, A.R. Asareh

Maseeh Daneshvari Hospital, Shaheedbeheshti University, Tehran, Iran

P202 CAD: SECONDARY PREVENTION, CARDIAC REHAB, PROGNOSIS

LIPID LEVELS IN PATIENTS AFTER PERCUTANEOUS CORONARY INTERVENTION IN THE REAL LIFE

A. Martinez-Rubio, E. Bosch-Peligero, R. Flores-Clotet, M. Bonet-Alvarez, D. Valcarzel-Paz, M. DiazNuila-Alcazar, M. Santalo-Corcoy, E. Agut.Busquet, J.C. Oliva-Morera, J. Guindo-Soldevila

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

A.L. Arrebola-Moreno, D. Petrova, R. Garcia-Retamero, A. Melgares-Moreno, J.A. Ramirez-Hernandez, A. Catena

Virgen de las Nieves University Hospital, Granada, Spain



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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

A.L. Arrebola-Moreno, D. Petrova, J.P. Arrebola, J.A. Ramirez-Hernandez, A. Catena,
R. Garcia-Retamero
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



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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
A.Y. Shaikh, A. Maan, N. Esa, M. Kinno, K.C. Floyd, L.S. Rosenthal, C. Browning, D.D. McManus
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
P. Harikrishnan, D. Kolte, C. Palaniswamy, S. Khera, M. Mujib, W.S. Aronow, S. Iwai, P. Eugenio, S. Lessner, A. Ferrick, A. Ahmed, G.C. Fonarow, W.H. Frishman, J.A. Panza
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. Ziffra, K. Wells, M. Wichter
University of Illinois at Chicago/ Advocate Christ Medical Center, Chicago, IL, USA



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P205 PACEMAKERS AND IMPLANTABLE CARDIAC ARRHYTHMIA DEVICES

PERMANENT PACEMAKER UTILIZATION IN ELDERLY PATIENTS WITH SYNCOPE AND CAROTID SINUS SYNDROME

T. Gupta, D. Kolte, S. Khera, M. Mujib, W.S. Aronow, C. Palaniswamy, D. Jain, S. Iwai, P. Eugenio, S. Lessner, J.A. Panza
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



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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



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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

N. Arat, S. Usalp, T. Ozcelik, S. Kahraman, S. Guvenc, M. Arat, C. Ciftci
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



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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. Eleftheriades, Yale University School of Medicine, New Haven, CT, USA

CONTRADICTIONARY EFFECTS OF HYPERLIPIDEMIA AND DIABETES MELLITUS ON PROGRESSION OF ABDOMINAL AORTIC ANEURYSM: PATHOBIOLOGICAL MECHANISMS (Invited Lecture)

S.D. Gertz, Y. Mintz, R. Beeri, C. Rubinstein, D. Gilon, L.Y. Gavish, Y. Berlatzky, L. Appelbaum, L. Gavish

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)

A.S. Lotfi, S.K. Sivalingam, G.R. Giugliano, J. Ashraf, P. Visintainer

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



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Hall A

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



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Hall B

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)

R.A. Kloner, W. Dai, S.L. Hale, J. Shi, D. Brown
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



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Hall C

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

S.K. Lee, M.W. Lee, H.S. Cho, J.W. Song, H.S. Nam, D.J. Oh, K.S. Park, W.Y. Oh, H.K. Yoo, J.W. Kim
Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea



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S25 Session

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

TISSUE DOPPLER IMAGING AND LATE-ONSET ANTHRACYCLINE-INDUCED SUB-CLINICAL 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

T.L. Braber, A. Mosterd, N.H.J. Prakken, P.A.F.M. Doevendans, W.P.T.M. Mali, F.J.G. Backx, R. Rienks, H.M. Nathoe, D.E. Grobbee, B.K. Velthuis
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

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Hall D

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)
K. Arai, N. Antepará, C. Delgado, M.L. Fariña, R. Uzcátegui, S. Beluche
Ascardio, Barquisimeto, Venezuela



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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 TRANSFERRED FROM NON-PCI CAPABLE HOSPITALS FOR PRIMARY PCI

Y. Nawaz, A. Qureshi, N. Subrayappa, N. Patel

Lehigh Valley Health Network, Allentown, PA, USA



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Hall A

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)

J.S. Borer, P.G. Supino, E.M. Herrold, C. Hochreiter, O.W. Isom, K.H. Krieger,

L.N. Girardi, N. Khan, D. Santarsieri

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



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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



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Hall B

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 ATHERO-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



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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

B.T. Costello, K. Lara, G. Lundberg, R. Doukky, L. Braun, A. Volgman
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

C.H. Saely, A. Leisherer, A. Muendlein, A. Vonbank, P. Rein, K. Geiger, H. Drexel
Academic Teaching Hospital Feldkirch, Feldkirch, Austria



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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

S.K. Padala, M.T. Torosoff, M.S. Sidhu, E. Granina, A.E. Seedhom, W.E. Boden
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



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Hall D

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 SENEESCENCE BY TARGETING PLK2 EXPRESSION
S. Zhu, S. Deng, C. Jia, D. Zhuo, Q. Ma, S. Ji, H. Wang, P.J. Goldschmidt-Clermont, S. Ma, C. Dong
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

LINC RNA-P21 REGULATES NEOINTIMA FORMATION AND ATHEROSCLEROSIS BY ENHANCING P53 ACTIVITY
G.Z. Wu, Y. Han, C.Y. Chen, Z.P. Huang, J.H. Chen, X.Y. Hu, D.Z. Wang, C.Y. Zeng
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
L. Brianezi, N.E.A. Lima, F.L.A. Fonseca, L.B.M. Maiffrino
Adventist College Hortolandia, Hortolândia, SP, Brazil



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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
W.Y. Liang, X.Y. Zhu, X.R. Feng, Y.C. Wang, **M.L. Liu**
Peking University First Hospital, Beijing, China

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION



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P301 VASCULAR BIOLOGY, BASIC RESEARCH

CRIF1 DEFICIENCY INDUCES P66SHC-MEDIATED OXIDATIVE STRESS AND
ENDOTHELIAL ACTIVATION

N. Nagar, S.B. Jung, S.K. Kwon, J.B. Park, M. Shong, **H.J. Song**, B.H. Jeon, K. Irani,
C.S. Kim

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 ATHERECTOMY
STUDY

H. Akao, M. Kitayama, Y. Kawai, T. Tsuchiya, R. Ishida, A. Motoyama, M. Wakasa,
R. Saito, M. Watanabe, K. Kajinami

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



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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?

H.A. Bhatt, D.R. Sanghani, M.B. Perini, G.A. Fernaine, A.V. Saxena

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



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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. Oyetayo, 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. Vlcek, D. Jezova

Slovak Academy of Sciences, Bratislava, Slovakia

ANTIHYPERTENSIVE AGENTS AND RISK OF PARKINSON'S DISEASE

J.W. Lin, C.H. Lin, C.H. Chang, Y.C. Lee, R.M. Wu, M.S. Lai

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

D.E. Ayala, J.J. Crespo, A. Moya, A. Otero, M. Dominguez, L. Pousa, P.A. Callejas²,

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



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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



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Hall A

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)

Y.J. Shimada, J.J. Passeri, A.L. Baggish, C. O'Callaghan, P.A. Lowry, B.B. Ghoshhajra, C.Y. Ho, J.L. Januzzi, C.E. Seidman, **M.A. Fifer**
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 CONSTRICTIVE 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



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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



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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 EECF 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



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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

T. Gupta, D. Kolte, S. Khera, W.S. Aronow, C. Palaniswamy, M. Mujib, A. Ahmed, D. Jain, G.C. Fonarow, S. Iwai, P. Eugenio, S. Lessner, J.A. Panza
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. Aasbo, 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 CARDIOVERTER DEFIBRILATOR

J.M. Lopez-Ayala, J.J. Sanchez-Munoz, M. Salar-Alcaraz, P. Penafiel-Verdu, M.J. Oliva-Sandoval, D. Lopez-Cuenca, I. Gomez-Milanes, M. Valdes, J.R. Gimeno
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. McKeivith, J. Wright, A. Rao
Liverpool Heart and Chest Hospital, Liverpool, Mersey, UK

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

L.H. Chebrolu, **A. Abichandani**, D. Prutzman, E. Mascarenhas, G. Ferreti, M. Averbach, J. Shirani, D. Traub
St Luke's University Hospital, Bethlehem, PA, USA



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Hall C

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



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Hall D

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. Mushiyeu; 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?

A. Lotfi, G. Alreja, M.A. Kashef, G.R. Giugliano, J. Garb, M. Schweiger

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 Vijayaratham, 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.g 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



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Hall D

S30 Session
INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI (cont.)

LONG-TERM OUTCOMES OF PERCUTANEOUS TREATMENT OF LEFT MAIN: DEDICATED STENT VERSUS USUAL TREATMENT WITH DES

F.J. Martinez-Garcia, L.A. Iñigo-Garcia, L. Fernandez-Lopez, O. Sanz-Vazquez, J.R. Siles-Rubio, A. Ramirez-Moreno, F. Ruiz-Mateas
Hospital Costa del Sol, Marbella, Spain

OUTCOMES OF PATIENTS TREATED WITH DRUG ELUTING STENTS WITH BIODEGRADABLE VERSUS BIOSTABLE POLYMER

L.A. Iñigo-Garcia, L. Fernandez-Lopez, J.R. Siles-Rubio, A. Ramirez-Moreno, O. Sanz-Vazquez, A. Urbaneja-Salas, P. Chincurreta-Capote, J. Muñoz-Bellido, M. Pombo-Jimenez, F. Ruiz-Mateas
Hospital Costa del Sol, Marbella, Malaga, Spain

INTER-PROVIDER VARIATION IN DIAGNOSES AND CARDIAC CATHETERIZATION USE

N. Agarwal, L. Burke, C. Schmalfluss, D.E. Winchester
University of Florida, Gainesville, Florida, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION



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Hall A

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)

A.H.J. Danser, L.C.W. Roksnoer, W.W. Batenburg

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)

R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez

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



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Hall B

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)

M. Mujib, W.S. Aronow, G.M. Lanier, D. Kolte, S. Khera, C. Palaniswamy,
P. Harikrishnan, C. Iragavarapu, T. Ahmed, D. Jain, S. Sule, G.C. Fonarow,
A. Ahmed, W.H. Frishman, A.L. Gass, S.D. Prabhu, J.A. Panza
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



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PL16 Plenary Session

**ADVANCES IN CARDIOVASCULAR SURGERY / CAROTID AND CORONARY
REVASCLARIZATION / HEART TRANSPLANTATION (cont.)**

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

D. Loberman, R.C. Neely, D. Fitzgerald, S. McGurk, T.K. Rajab, I. Gosev,
A. Grewal, L.H. Cohn, M. Leacche, S.F. Aranki
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. ElAmm, G.H. Oliveira
University Hospitals Case Medical Center, Cleveland, OH, USA



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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 ANTIM 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



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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

K.L. Chien, H.C. Hsu, P.C. Chen, H.J. Lin, T.C. Su, M.F. Chen, Y.T. Lee
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



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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

P.K. Witting, A.C. McMahon, H-B Kim, A-M Maw, S.B. Freedman
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

Y. Tanada, T. Shioi, A. Kawamoto, J. Okuda, T. Kimura
Kyoto University Graduate School of Medicine, Kyoto, Japan



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S32 Session
MOLECULAR / CELLULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

DECIPHERING THE SYSTEMS BIOLOGY OF MICRORNAS 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

J.B. Kim, K.S. Park, J.H. Ryu, J.W. Song, O.K. Park, D.J. Oh, D.G. Gweon, H.K. Yoo,

J.W. Kim

Korea University Guro Hospital, Seoul, South Korea



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P401 GENETICS OF HEART DISEASE

MYOCARDITIS IS A MARKER OF ACTIVE DISEASE IN ARRHYTHMOGENIC CARDIOMYOPATHY: ANALYSIS OF CLINICAL FEATURES AND OUTCOMES
J.M. Lopez-Ayala, D. Lopez-Cuenca, J. Gonzalez-Carrillo, J.J. Sanchez-Muñoz, I. Gomez-Milanes, M.C. Olmo, M.J. Oliva-Sandoval, M. Valdes, J.R. Gimeno
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
Y. Wu, **W.Q. Fan**, A. Mirabbasi, B. Khalighi, R. Thachil, E.J. Mascarenhas, K. Khalighi
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



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P403 LIPIDS, LIPOPROTEIN DISORDERS AND CAD

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

K. Toyama, A. Isshiki, T. Ando, Y. Inoue, M. Kirimura, T. Kamiyama, O. Sasaki, H. Ito, T. Nishioka

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

V.M. Loginova, **T.A. Korolenko**, T.P. Johnston, F.V. Tuzikov, T.P. Korolenko, I. N. Maiborodin, V.K. Spiridonov

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. Lowensteyn, S. Grover, McGill University, Montreal, QC, Canada

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

C.H. Saely, A. Vonbank, P. Rein, A. Leiberer, D. Zanolin, K. Geiger, H. Drexel

Academic Teaching Hospital Feldkirch, Feldkirch, Austria

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

P. Rein, **C.H. Saely**, A. Vonbank, D. Zanolin, A. Leiberer, H. Drexel

Academic Teaching Hospital Feldkirch, Feldkirch, Austria



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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

Istanbul Science University, Medical School, Cardiology Department, Istanbul, Turkey

HYPOMAGNEAEMIA 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 ATHEROTHROMBOTIC 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



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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 TRANSPLANTION

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

M. Mujib, D. Kolte, S. Khera, W.S. Aronow, C. Palaniswamy, P. Harikrishnan, T. Ahmed, D. Jain, G.M. Lanier, S. Sule, G.C. Fonarow, A. Ahmed, W.H. Frishman, A.L. Gass, S.D. Prabhu, J.A. Panza

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

Hippokraton 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

H. Habib, A.R. Asareh, S. ShomeilShooshtari, **M. Nourizadeh**, Z. Mansoori, A. Sattari, N. Asadina

Atherosclerosis Research Center, Ahwas Jondishapour University, Ahwas, Iran



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P408 CARDIOVASCULAR QUALITY IMPROVEMENT AND OUTCOMES

PROVIDING EQUITY IN CARE DELIVERY BY RACE, ETHNICITY AND LANGUAGE:
TEXAS HEALTH RESOURCES' INITIAL REVIEW

J. Cheirif, A. Gracia, J. Veliz, L. Gerbig, M. Kini, M. Daja, T. Keller, M. Restrepo,
M. Reyna, M. Vecchio, T. Ngueyn, D. Varga
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. Asadina
Atherosclerosis Research Center, Ahwas Jondishapour University, Ahwas, Iran

SERIAL ECHOCARDIOGRAPHY FOR EARLY DIAGNOSIS OF CARDIOTOXICITY IN
BREAST CANCER PATIENTS TREATED WITH TRASTUZUMAB

F. Shah, D. Silverman, P. Doloto, K.C. Micetich, J.T. Barron
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



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Hall A

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

SATURATED FAT INTAKE AND THE GENESIS OF CORONARY ARTERY DISEASE –
WHERE'S THE EVIDENCE? (Invited Lecture)
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



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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, Hippokraton Hospital, University of Athens, Greece

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION



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Hall B

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. Kyriazis, **N. Angomachalelis**
Aristotle University of Thessaloniki, "G.Papanicolaou" 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



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Hall C

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 LIPASE POLYMORPHISM IS ASSOCIATED WITH TRIGLYCERIDES AND STROKE INCIDENCE

D. Corella, O. Coltell, J.V. Sorli, R. Estruch, M. Fito, F. Aros, E. Ros, J. Lapetra, G.T. Saez, J.M. Ordovas

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

A.L. Baggish, **J. Park**, P-K.Min, S. Isaacs, B.A. Parker, P.D. Thompson, C. Troyanos, P. D'Hemecourt, S. Dyer, M. Thiel, A. Hale, S.Y. Chan

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

O. Coltell, C. Ortega-Azorin, M.A. Martinez-Gonzalez, J. Salas-Salvado,

L. Serra-Majem, E. Gomez-Gracia, V. Ruiz-Gutierrez, M. Fiol, X. Pinto, D. Corella
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

B.T. Costello, R. Doukky, G.P. Lundberg, L.T. Braun, A.S. Volgman

Rush University Medical Center, Chicago, Illinois, USA



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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



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Hall A

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



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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



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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



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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

F. Katchi, S. Nagabandi, J. Shuster, E. Novak, S. Joseph

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. Morsy, 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

H.G.C. Van Spall, O. Mytton, M. Coppiens, T. Shiga, B. Haynes, S. Connolly

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



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DISEASE PATHWAYS AND NEW TREATMENT STRATEGIES IN HEART FAILURE AND CARDIOMYOPATHIES (cont.)

DECREASED RENAL FUNCTION IS ASSOCIATED WITH HEART FAILURE READMISSION

M.R. Vindhya, B. Duran, H. Farhoud, K.J. Kallail
KU School of Medicine, Wichita, Kansas, USA

EDHFIC: 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-VEIN FISTULA PLACEMENT

R. Dhingra, S. Tariq, J. Anderson, M. Gallichio, M. Torosoff
Albany Medical College, Albany, NY, USA



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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 Jiaotong 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

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HIGH-FAT DIET ENHANCED CTRP1 PROTEIN STIMULATES SIGNALING PATHWAY RELATED TO MUSCLE CONTRACTION IN C2C12 MYOCYTES

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P502 PROGRESS IN ECHOCARDIOGRAPHY

IMPORTANT ETHNIC DIFFERENCES IN STROKE VOLUME (SV) – BODY SURFACE AREA (BSA) RELATIONS: ECHONORMAL META-ANALYSIS

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P502 PROGRESS IN ECHOCARDIOGRAPHY (cont.)

ECHOCARDIOGRAPHIC INDICES ASSOCIATED WITH THE PHENOTYPE OF FRAILITY

S.M. Gharacholou, T. Tashiro, S.S. Cha, P.Y. Takahashi
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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
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ENHANCEMENT OF PEAK AORTIC VELOCITY SIGNALS BY CONTRAST MICROBUBBLES

J.C. Westerdale, E. McMahon, **M. Katayama**, H.P. Chaliki, M. Belohlavek
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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
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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
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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
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CORRELATION OF LEFT ATRIAL APPENDAGE (LAA) INFLOW AND OUTFLOW VELOCITIES WITH THE CHADS2 AND CHA2DS2-VASC SCORES

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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

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A META-ANALYSIS OF ASSOCIATION BETWEEN EPICARDIAL ADIPOSE TISSUE AND DIASTOLIC DYSFUNCTION

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BICUSPID AORTIC VALVE AND AORTIC ROOT MORPHOLOGY IN HISPANIC PATIENTS

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CHANGES IN LV SYSTOLIC FUNCTION AND DIMENSIONS AFTER AV FISTULA PLACEMENT

S.M. Tariq, J. Anderson, R. Dhignra, M. Gallichio, S.A. Fein, M. Torosoff

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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

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3D TRANSESOPHAGEAL ECHOCARDIOGRAPHY IMPROVES LEFT ATRIAL APPENDAGE EVALUATION PRIOR TO CARDIOVERSION

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P503 ATRIAL FIBRILLATION AND STROKE PREVENTION

HOW IS THE QUALITY OF INR CONTROL FOR STROKE PREVENTION IN NON-VALVULAR ATRIAL FIBRILLATION IN CLINICAL PRAXIS?

A. Martinez-Rubio, M. Santalo-Corcoy, E. Agut-Busquet, D. Valcarcel-Paz, M. DiazNuila-Alcazar, M. Bonet-Alvarez, R. Flores-Clotet, J.C. Oliva-Morera
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AGE AND GENDER COMPARISONS OF ATRIAL FIBRILLATION PREVALENCE IN PATIENTS WITH HYPERTENSION AND NORMAL BLOOD PRESSURE

O.W. Odunukan, P.A. Rahman, D. Roellinger, S. Cha, J.M. Naessens, S.J. Taler, M.A. Nyman
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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
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ELEVATED SERUM URIC ACID LEVELS AND DIASTOLIC DYSFUNCTION IN PATIENTS WITH ATRIAL FIBRILLATION CONVERTED TO SINUS RHYTHM

J.O. Na, S.K. Lee, C.U. Choi, H.E. Lim, J.W. Kim, E.J. Kim, S.W. Rha, C.G. Park, H.S. Seo, D.J. Oh
Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea

ANGIOEDEMA: AN UNCOMMON BUT POTENTIALLY LIFE-THREATENING DRUG REACTION OF APIXIBAN

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HEPATITIS C PATIENTS HAVE A HIGHER RISK OF ATRIAL FIBRILLATION

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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)

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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

H.M. Elmahdy, S.I. Gomez, C.G. Mihos, S.A. Horvath, A.M. Pineda, O. Santana, J. Lamelas

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TRANSCUTANEOUS AORTIC VALVE REPLACEMENT UNDER FLUROSCOPIC GUIDANCE AND LOCAL ANESTHESIA ONLY

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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

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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

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ASSOCIATION OF AORTIC VALVE CALCIFICATION AND EPICARDIAL FAT VOLUME

R. Koos, V. Brandenburg, N. Marx, C. Kuhl, S. Reinartz, T. Dirrachs

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

J. Rubio Alvarez, A. Granda Bauza, L. Reija Lopez, A. Narvaez, J.M. Martinez Cereijo, J. Sierra Quiroga, C. Rubio Taboada

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



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P504 HEART VALVE DISEASE – CAUSES, SYMPTOMS, DIAGNOSIS AND TREATMENT (cont.)

OBESITY AND OUTCOMES IN NORTH-AMERICAN PATIENTS TREATED WITH
TRANSCATHETER AORTIC-VALVE REPLACEMENT

M. Riordan, A. Elkharbotly, A. Delago, M. El-Hajjar, A. Padala, **B. Shkolnik**, S. Dsouza,
M. Torosoff
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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**
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INCIDENCE AND PREDICTORS OF PERMANENT PACEMAKER IMPLANTATION
AFTER VALVE SURGERY- A SINGLE CENTRE EXPERIENCE

B. Ayub, Y. Nawaz, H. Saif, **J. Guthier**, M. Weiss, T. Phillips, J. Wu, R. Singer,
R. Freudenberger, R. Malacoff
Lehigh Valley Health Network, Allentown, PA, USA

THE OPTIMAL CHOICE OF AVR PROSTHESIS AT AGE 60- WARFARIN OR
REOPERATION

S. Aranki, **M. Yamine**, T. Kaneko
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NEW LBBB FOLLOWING TRANSCATHETER SAPIEN VALVE: INSIGHT INTO
MECHANISMS

L. Jiang, G. Valania, W. Hiser, A. M. Islam
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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
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VALVULAR MIGRATION AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION:
A CASE SERIES

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P505 PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

THE DRIER THE BETTER: DOES RISING CREATININE FOLLOWING ULTRAFILTRATION IN ACUTE DECOMPENSATED HEART FAILURE PREDICT READMISSION?

S. Desai, S.K. Desai, R. Gerkin, A. Khurana, A. Loli
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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
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A TEAM BASED STRATEGY TO MANAGE HIGH RISK HEART FAILURE PATIENTS IN A LARGE URBAN HEALTHCARE DELIVERY MODEL

I. Kedan, R. Khandwalla, K. Birkeland
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INCIDENCE, RISK FACTORS, AND OUTCOME OF ACUTE DECOMPENSATED HEART FAILURE (ADHF) SUPERIMPOSED ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (AECOPD)

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EFFECT OF CARE TRANSITION INTERVENTIONS ON DIFFERENT HEART FAILURE PATIENT SUBGROUPS, DEFINED BY UNDERLYING ETIOLOGY: ARE THERE IDENTIFIABLE SUBGROUPS MORE LIKELY TO BENEFIT?

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IMPACT OF ECHO-GUIDED MEDICATION OPTIMIZATION IN PATIENTS WITH CHRONIC HEART FAILURE

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FACTORS AFFECTING CARDIO-RENAL SYNDROME AND OUTCOMES IN ACUTE CONGESTIVE HEART FAILURE PATIENTS

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