FRIDAY, JULY 14, 2017

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<th>Time</th>
<th>Location</th>
<th>Session</th>
<th>Speakers</th>
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<td>09:00 – 10:15</td>
<td>Hall A</td>
<td>OPENING CEREMONY</td>
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<td>09:35 – 10:15</td>
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<td>10:15</td>
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<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
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<td>10:45</td>
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<td>PL01 Plenary Session</td>
<td>F.A. Arabia</td>
<td>STEPS FORWARD IN THE MANAGEMENT OF ADVANCED HEART FAILURE</td>
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<td>Cedars-Sinai Heart Institute, Los Angeles, CA, USA</td>
<td>A BRIEF HISTORY OF THE DEVELOPMENT OF MECHANICAL CIRCULATORY SUPPORT (MCS) (Invited Lecture)</td>
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<td>IMPROVING QUALITY OF LIFE IN PATIENTS WITH CHRONIC HEART FAILURE: OVERCOMING EXERCISE INTOLERANCE (Invited Lecture)</td>
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<td>H.N. Sabbah, Henry Ford Hospital, Detroit, MI, USA</td>
<td>ROLE OF ISOLATED ULTRAFILTRATION IN THE MANAGEMENT OF CHRONIC REFRACTORY AND ACUTE DECOMPENSATED HEART FAILURE (Invited Lecture)</td>
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<td>M.A. Alpert, University of Missouri, Columbia, MO, USA</td>
<td>TEMPORARY MECHANICAL SUPPORT FOR THE RIGHT VENTRICLE: PRE-IMPLANT PATIENT SELECTION, DEVICE RECIPIENT SURVEILLANCE AND WEANING OF PATIENTS FROM THE SUPPORT SYSTEM (Invited Lecture)</td>
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<td>M. Dandel, Deutsches Herzzentrum, Berlin, Germany</td>
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DO NEW STUDIES/DEVICES TIP THE BALANCE TO EARLIER LVAD IMPLANTATION?
**M.R. Johnson**  (Invited Lecture)
University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

VADS IN THE ELDERLY: A VIABLE OPTION  (Invited Lecture)
**N. Nair**
Texas Tech Health Sciences Center, Lubbock, TX, USA

SODIUM RESTRICTION IN CHRONIC HEART FAILURE: TAKE IT WITH A PINCH OF SALT?
(Invited Lecture)
**R. Doukky**
Cook County Health and Hospitals System, Chicago, IL, USA

IMPROVING CARDIAC FUNCTION IN PULMONARY ARTERIAL HYPERTENSION: IS THERE A ROLE FOR EXERCISE TRAINING?  (Invited Lecture)
University of Porto, Porto, Portugal

MRA AND ACE-I/ARB HAVE DISTINCT IMPACT ON RENAL FUNCTION IN CHRONIC HEART FAILURE; A META-ANALYSIS
University of Florida, Gainesville, Florida, USA
Plenary Session

INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING

OCT-GUIDED VS IVUS-GUIDED PCI (Invited Lecture)
T. Kubo, T. Akasaka
Wakayama Medical University, Wakayama, Japan

THE COMPLEMENTARY ROLE OF ANATOMY AND PHYSIOLOGY IN PREDICTING PATIENT OUTCOME: WHERE DO CARDIAC CT AND STRESS MYOCARDIAL PERFUSION IMAGING FIT? (Invited Lecture)
J.J. Mahmarian
Weill Cornell Medical College, Houston Methodist Hospital, Houston, TX, USA

EVALUATION OF CORONARY ARTERY DISEASE IN OBESE PATIENTS. THE ROLE OF NON-INVASIVE CARDIAC IMAGING (Invited Lecture)
A. Elhendy
Marshfield, WI, USA

BEYOND STENOSIS: ISCHEMIA AND PLAQUE ASSESSMENTS BY CORONARY CTA (Invited Lecture)
D.S. Berman, B.K. Tamarappoo, J. Friedman, S. Hayes, L. Thomson, P. Slomka, D. Dey, F. Wang, A. Rozanski
Cedars Sinai Medical Center, Los Angeles, CA, USA

Na⁺-H⁺ EXCHANGER 1 DETERMINES ATHEROSCLEROTIC LESION ACIDIFICATION AND PROMOTES ATHEROGENESIS (Invited Lecture)
C.-L. Liu, S. Achilefu, M. Nahrendorf, P. Libby, G.-P. Shi
Brigham and Women's Hospital and Harvard Medical School, Boston, USA

INTEGRATED APPROACH TO INTRAVASCULAR IMAGING- CURRENT AND NOVEL TECHNIQUES (Invited Lecture)
S.K. Koshy, L.K. George
University of Tennessee Health Sciences Center, Memphis, TN, USA

COMPARISON OF COMPUTED TOMOGRAPHY DERIVED FRACTIONAL FLOW RESERVE TO INVASIVE FRACTIONAL FLOW RESERVE IN DIAGNOSIS OF FUNCTIONAL CORONARY STENOSIS (Invited Lecture)
R. Sachdeva
Morehouse School of Medicine, Atlanta, Georgia, USA

DETERMINATION OF OPTIMAL VIEWING AngLES FOR X-RAY CORONARY ANGIOGRAPHY BASED ON A QUANTITATIVE ANALYSIS OF 3D RECONSTRUCTED MODELS (Invited Lecture)
J.A. Garcia
Orlando Health-Mid-Florida Cardiology, Orlando, FL, USA
PL02 Plenary Session
INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING (cont.)

ECHOCARDIOGRAPHIC QUANTITATION OF MITRAL REGURGITATION  (Invited Lecture)
H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

FOCUSSED READING SESSIONS IMPROVE CORRELATION OF ECHOCARDIOGRAPHIC ASSESSMENT OF RIGHT VENTRICULAR SYSTOLIC FUNCTION WITH RIGHT VENTRICULAR EJECTION FRACTION BY CARDIAC MAGNETIC RESONANCE IMAGING (Invited Lecture)
Heart and Vascular Institute, Cleveland Clinic, OH, USA

EVIDENCE-BASED USE OF HANDHELD ULTRASOUND IN CLINICAL CARDIOLOGY (Invited Lecture)
I. Kedan
Cedars Sinai Heart Institute, Los Angeles, CA, USA
PL03  Plenary Session

CELLULAR AND MOLECULAR BIOLOGY TARGETS FOR CLINICAL CARE IN CARDIOVASCULAR DISEASE

NEW MOLECULAR TARGETS OF VEGF SIGNALING IN CARDIOVASCULAR DISEASE (Invited Lecture)
N. Maulik, M. Thirunavukkarasu, V. Coca-Soliz, V. Selvaraju, L. Tapias
University of Connecticut Health Center, Farmington, CT, USA

EXTENDING LONGEVITY IN THE CARDIOVASCULAR SYSTEM: NEW BEGINNINGS FOR NOVEL TREATMENTS (Invited Lecture)
K. Maiese
Rutgers University of Medicine & Dentistry of New Jersey, Newark, NJ, USA

IMMUNE CELL ALTERATIONS IN HEART FAILURE (Invited Lecture)
S.D. Prabhu, University of Alabama at Birmingham, Birmingham, AL, USA

ANGIOGRAPHIC CONTRAST-INDUCED VASCULAR AND RENAL TOXICITY – A NANOMEDICAL APPROACH (Invited Lecture)
T. Malinski, H. Dawoud, M. Wagner
Ohio University, Athens, Ohio, USA

VASCULOPROTECTIVE ROLE OF NATRIURETIC PEPTIDE RECEPTOR C (Invited Lecture)
M.B. Anand-Srivastava
University of Montreal, Montréal, Québec, Canada

ROLE OF APELIN/APELIN RECEPTOR AXIS IN HEART DISEASE: THERAPEUTIC ROLE OF APELIN ANALOGUES (Invited Lecture)
G.Y. Oudit, University of Alberta, Edmonton, Alberta, Canada

ENDOTHELIN-1 AND CORONARY VASOMOTOR DYSFUNCTION: ROLE OF P38 KINASE AND NADPH OXIDASE (Invited Lecture)
L. Kuo, T.W. Hein
Texas A&M Health Science Center and Baylor Scott & White Health, Temple, TX, USA

BETA3-ADRENOCEPTORS, CATECHOLAMINES AND STRESS (Invited Lecture)
D. Jezova, A. Csanova
Biomedical Research Center, Slovak Academy of Sciences, Bratislava, Slovakia

REPETITIVE TRANSIENT ISCHEMIA-INDUCED CARDIAC ANGIOGENESIS IS MEDIATED BY CaMKII Activation (Invited Lecture)
Y.G. Wang
Zhongnan Hospital of Wuhan University, Wuhan University, Wuhan, China

A NOVEL CELL PENETRATING PEPTIDE, CARDIAC TARGETING PEPTIDE APPEARS TO UTILIZE CARDIAC CHANNELS FOR TRANSDUCTION (Invited Lecture)
M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA
P101 VASCULAR BIOLOGY, BASIC RESEARCH

DISEASE SUSCEPTIBILITY USING CDNA MICROARRAY OF HUMAN LARGE INCRACRANIAL VASCULATURE
**H-S. Kim, J. Na, J. Park**
Chonnam National University Medical School, Gwangju, Chonnam, Korea

PEROXIREDOXIN1 NORMALIZES MACROPHAGE LIPOPHAGIC FLUX IN ATHEROSCLEROSIS
**S.J. Jeong, S. Kim, G.T. Oh**
Ewha Womans University, Seoul, Republic of Korea

THE PROTECTIVE EFFECTS OF EICOSAPENTAENOIC ACID ARE TRIGGERED UNUSUAL MECHANISMS OF CA2+ RELEASE AND CA2+ INFLUX IN MOUSE CEREBRAL CORTICAL ENDOTHELIAL CELLS
**K.L. Wong, C.W. Cheung, Y.M. Leung**
China Medical University Hospital, Taichung, Taiwan
P102 CARDIOVASCULAR PHARMACOLOGY AND DRUG THERAPY

NOVEL APPLICATIONS OF CALCIUM CHANNEL BLOCKERS: A NEW INSIGHT TO CARDIAC DRUGS
N. Motayagheni, A. Hyre, M. Mirzazadeh, S. Subashchandrabose, A. Atala
Institute for Regenerative Medicine, Wake Forest, NC, USA

CORONARY ARTERY DISEASE AND DEPRESSION: AMITRIPTYLINE IS YOUR ENEMY
E.Y. Chang, M. Sheikh, A. Strane, N. Bakinde
Morehouse School of Medicine, Atlanta, GA, USA

BETA-BLOCKER THERAPY IN COCAINE USERS WITH HEART FAILURE: INSIGHTS FROM AN URBAN ACADEMIC CENTER
Morehouse School of Medicine, Atlanta, Georgia, USA

COUGH PREVALENCE IN RESISTANT HYPERTENSIVE PATIENTS TAKING ANGIOTENSIN-CONVERTING ENZYME INHIBITOR
Federal University of Bahia, Salvador, Bahia, Brazil

UTILITY OF CARDIAC BIOMARKERS IN COMBINATION WITH EXERCISE STRESS TESTING IN PATIENTS WITH SUSPECTED ISCHEMIC HEART DISEASE
R. Ali
HMU, Erbil, Iraq
FRIDAY, JULY 14, 2017

08:00 – 13:00
Poster Hall

P103 EXERCISE PHYSIOLOGY; BASIC AND CLINICAL

RELATIONSHIP BETWEEN ABDOMINAL VISCERAL FAT AND BLOOD PRESSURE RESPONSE DURING EXERCISE IN NORMOTENSIVE POPULATION
Korea University Anam Hospital, Seoul, South Korea

MITOCHONDRIAL PROTEIN HYPERACETYLATION IN SKELETAL MUSCLE IS ASSOCIATED WITH EXERCISE INTOLERANCE IN MURINE MODEL OF POST-INFARCT HEART FAILURE
Hokkaido University Graduate School of Medicine, Sapporo, Japan

RELATION OF N-TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE AND LEFT VENTRICULAR DIASTOLIC FUNCTION TO EXERCISE TOLERANCE IN PATIENTS WITH SIGNIFICANT VALVULAR HEART DISEASE AND NORMAL LEFT VENTRICULAR SYSTOLIC FUNCTION
Samsung Medical Center, Seoul, South Korea

HYPERTENSIVE RESPONSE TO MAXIMAL EXERCISE TEST IN YOUNG AND MIDDLE AGE HYPERTENSIVE ON BLOOD PRESSURE LOWERING MEDICATION (MONOTHERAPY VS. COMBINATION THERAPY)
J.P.A. Diaz, R.E. Ramboyong
The Medical City, Pasig City, Metro Manila, Philippines

A.K Shaikh, F. Rotatori
Richmond University Medical Center Staten Island, NY, USA

GLUCOCORTICOID RECEPTOR REGULATES FNDC5 TRANSCRIPTION
H.K. Kim, Y.J. Jeong, I.S. Song, Y.H. Noh, K.W. Seo, M. Kim, J. Han
Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea
P104 SYSTEMIC AND PULMONARY HYPERTENSION

MITOCHONDRIAL TRNA MUTATION WITH HIGH-SALT STIMULATION ON CARDIAC DAMAGE: UNDERLYING MECHANISM ASSOCIATED WITH CHANGE OF BAX AND VDAC
General Hospital of People’s Liberation Army, Beijing, China

THE PREVALENCE AND CLINICAL CHARACTERISTICS OF RESISTANCE HYPERTENSION AMONG HYPERTENSIVE PATIENTS– A CROSS-SECTIONAL STUDY FROM 13 GENERAL HOSPITALS IN KOREA
Seoul National University, Seoul, South Korea

THE ASSOCIATION BETWEEN EARLY MORNING HYPERTENSION AND STROKE – RELATED DEMENTIA IN THE ELDERLY
J.H. Koh, S.H. Kim, M.N. Yoo
Ewha Womans University, Seoul SeoNam Hospital, Seoul, South Korea

POTENTIAL EFFECT OF ALCOHOLIC EXTRACT OF LEAVES OF OCIMUM SANCTUM IN MONOCROTALINE-INDUCED PULMONARY ARTERY HYPERTENSION IN RATS
All India Institute of Medical Sciences (AIIMS), New Delhi, India

ORAL TREPROSTINIL FOR PULMONARY HYPERTENSION- A TRANSITION
A. Kumar, G. Murtaza, P. Shah, M. Sunbuli, M. Dia
UIC/Advocate Christ Medical Center, Oak Lawn, IL, USA

SUBLINGUAL VERSUS ORAL CAPTOPRIL FOR DECREASING BLOOD PRESSURE
M. Mousavi, N. Razavianzadeh, M. Armin
Alborz University of Medical Sciences, Shaheed Raiaei Hospital, Karaj, Iran
P105  CHRONIC KIDNEY DISEASE AND CARDIOVASCULAR DISEASE

PROGNOSTIC SIGNIFICANCE OF AN EARLY INVASIVE THERAPY IN PATIENT WITH
STABLE ANGINA AND CHRONIC RENAL FAILURE
J.H. Koh, S.H. Kim, S.S. Park
Ewha Woman’s University, Seoul SeoNam Hospital, Seoul, South Korea

UNDERLYING RHEUMATIC HEART DISEASE HAD GREATER RISK OF INFECTIVE
ENDOCARDITIS IN TAIWAN DIALYSIS PATIENTS
M.T. Chou, W.S. Wu, C.C. Chien
Ch-i-Mei Medical Center, Tainan, Taiwan

MECHANICAL DEVICE FOR THE MANAGEMENT OF CARDIO-RENAL SYNDROME
L.W. Miller
Leonhardt Ventures, Tampa, FL, USA

ASSOCIATION OF CORONARY ARTERY CALCIFICATION AND ARTERIAL MICRO-
CALCIFICATION OF THE VASCULAR ACCESS IN INCIDENTAL HEMODIALYSIS PATIENTS
S.Y. Bahk, Y.S. Kim, Y.O. Kim
College of Medicine, The Catholic University of Korea, Uijeongbu, Korea

THE ANALYSIS OF INCREASED RISK OF CARDIOVASCULAR EVENTS IN DIALYSIS
PATIENTS
B. Franczyk, A. Gluba-Brzozka, M. Banach, J. Rysz
Medical University of Lodz, Lodz, Poland
P106 PEDIATRIC CARDIOLOGY AND CONGENITAL HEART DISEASE

MAXIMUM OXYGEN UPTAKE IN CHILDREN WITH CONGENITAL HEART DISEASES: A MULTICENTER COMPARATIVE STUDY

Montpellier University Hospital, Montpellier, France

CHA2DS2-VASC SCORE PREDICTS INCIDENCE-RATE OF STROKE IN PATIENTS WITH KNOWN PATENT FORAMEN OVALE: A LONG-TERM (10 YEAR) FOLLOW UP STUDY

M. Morris, M. Gulati, T. Byrne, W. Su, K. Fang, A. Pershad
Banner University Medical Center, Phoenix, Arizona, USA

DO INTRACARDIAC DEVICES LIKE PERMANENT PACEMAKERS OR IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS INCREASE STROKE RISK IN PATIENTS WITH PATENT FORAMEN OVALE?

M. Morris, M. Gulati, T. Byrne, W. Su, K. Fang, A. Pershad
Banner University Medical Center, Phoenix, Arizona, USA

MYOCARDIAL ISCHEMIA ASSOCIATED WITH INTER-ARTERIAL VARIANTS OF ISOLATED SINGLE CORONARY ARTERY

A. Sinha, R. Kumar, J. Shirani
Saint Luke’s University Health Network, PA, USA

REABSORBABLE PINS CAN REINFORCE AN EARLY STERNAL STABILITY AFTER MEDIAN STERNOTOMY IN YOUNG CHILDREN WITH CONGENITAL HEART DISEASE

C. Fan, S. Wu, J. Yang
The Second Xiangya Hospital, Central South University, Changsha, China

MYOCARDIAL ISCHEMIA CAUSED BY ISOLATED SINGLE CORONARY ARTERY IN PEDIATRIC POPULATION

A. Sinha, R. Kumar, J. Shirani
Saint Luke’s University Health Network, PA, USA

MYOCARDIAL ISCHEMIA IN TRUE (IIA SUBTYPE) ISOLATED SINGLE CORONARY ARTERY

R. Kumar, A. Sinha, J. Shirani
Saint Luke’s University Health Network, PA, USA

GERBODE DEFECT IN AN ADULT PATIENT: A VERY RARE ENTITY

R. Malik, S. Hussain, H. Keshmiri, S. Danciu
Advocate Illinois Masonic Medical Center, Chicago, IL, USA
THE EFFECT OF EDUCATIONAL PROGRAM ON THE QUALITY OF LIFE OF THE MOTHERS OF THE INFANTS WITH CONGENITAL HEART DISEASE
Z. Yazdanpanahi, M. Edraki, M. Kamali, N. Baehashtipour, H. Amoozegar, N. Zare, S. Montaseri
Shiraz University of Medical Sciences, Shiraz, Fars, Iran

HETEROTAXY SYNDROME IN AN ADULT: A RARE PRESENTATION
A. Sharma, P. Garcia, S. Nadaraj, D. Penigalapati
Saint Peter's University Hospital/ Rutgers Robertwood Johnson Medical School, New Brunswick, NJ, USA

EXCEPTIONAL SURVIVAL OF A DOUBLE INLET LEFT VENTRICLE: A RARE CASE
A.L. Schenone, A. Addoumeh, D. Majdalany
Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA
P107 MEASUREMENT OF OUTCOME AND QUALITY OF CARDIOVASCULAR CARE

PREDICTING HOSPITALIZATION OUTCOMES BASED ON HEART
D. Chang, K. Gu, J. Shin, S. Hasni
Drexel University, Philadelphia, PA, USA

PATIENT CENTERED SPECIALTY PRACTICE: THE PROVIDENCE EXPERIENCE
X. Huang, L. Jones Larson
Providence Heart Clinic, Portland, OR, USA

ORTHOSTATIC VITALS IN THE EVALUATION OF SYNCOPE: KNOWLEDGE, ATTITUDE AND PRACTICE OF HEALTH CARE PROVIDERS (HCPS)
A.C. Atanda, G. Samuel, D. Bekele, Y. Paul, A. Gebreselassie, D. Larbi
Howard University Hospital, Washington DC, USA

IMPROVING SELF-EFFICACY OF HEART FAILURE PATIENTS: A FAMILY-CENTER EMPOWERMENT MODEL
M. Rakhshan
Shiraz University of Medical Sciences, Shiraz, Fars, Iran

SYSTEMATIZED CARE FOR ACUTE CORONARY SYNDROMES IMPROVE REPERFUSION TIMES AND IN-HOSPITAL MORTALITY
J.V.T. Salvanera, J.P. Prado, R.E. Ramboyong
The Medical City, Pasig, Philippines

CUSTOMIZED QUALITY IMPROVEMENT FOR ECHOCARDIOGRAPHY
D.R. Chilton, B.L. Hansen, P.L. Rowland, D.E. Langholz
Spectrum Health Frederik Meijer Heart and Vascular Institute, Grand Rapids, MI, USA

THE EFFECT OF PAIN MANAGEMENT AND CPR TRAININGS ON PERCEIVED CONTROL, DEPRESSION AND ANXIETY IN THE SPOUSES OF THE PATIENTS WITH MYOCARDIAL INFARCTION: A RANDOMIZED CONTROLLED TRIAL
Z. Molazem, F. Afrasiabi, H. Raeisi, A. Mani, A. Abd Ardekani
Shiraz University of Medical Sciences, Shiraz, Fars, Iran

MAP THE GAP: MAPPING THE SPREAD OF THE CARDIOLOGY WORKFORCE WITH HOSPITALIZATION RATES FOR ATRIAL FIBRILLATION ACROSS THE UNITED STATES
G. Murtaza, A. Shah, A. Krikorian
UIC/Advocate Christ Medical Center, Oak Lawn, IL, USA

MISUSE OF CARDIAC TROPONIN IN THE OUTPATIENT SETTING: A SINGLE-CENTER RETROSPECTIVE ANALYSIS
S.J. Ross, D.J. Cordiner, S.A. Noutong Njapo, D.E. Winchester
University of Florida, Gainesville, FL, USA
P107  MEASUREMENT OF OUTCOME AND QUALITY OF CARDIOVASCULAR CARE (cont.)

PREVALENCE AND PATTERNS OF CARE IN CARDIAC TROPONIN SUPERUSERS
S.M. Taasan, **S.J. Ross**, D.E. Winchester
University of Florida, Gainesville, FL, USA

HEALTH-RELATED QUALITY OF LIFE OUTCOMES OF PHASE II CARDIAC REHABILITATION
PATIENTS USING MACNEW QUESTIONNAIRE
**K.G.A. Floren**, J.L. Patawaran, R.E. Ramboyong
The Medical City, Ortigas Avenue, Pasig City, Philippines
PL04  Plenary Session  
CARDIOVASCULAR DISEASE: DIFFERENT STRATEGIES FOR PRIMARY AND SECONDARY PREVENTION

ASPIRIN FOR THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: ADVANCES IN DIAGNOSIS AND TREATMENT  (Invited Lecture)  
S. Mora  
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

OPTIMIZING STATIN UTILIZATION AND TREATMENT ADHERENCE AMONG PATIENTS WHO DISCONTINUE STATINS DUE TO ADVERSE MUSCLE EVENTS  (Invited Lecture)  
R.S. Rosenson  
Icahn School of Medicine at Mount Sinai, New York, NY, USA

GERIATRIC CARDIOLOGY: OCTOGENARIAN PEARLS  (Invited Lecture)  
N.K. Wenger  
Emory University School of Medicine, Atlanta, GA, USA

THE VASCULOME: SPLITTING, LUMPING, AND THE RUBIK’S CUBE DILEMMA  
(Invited Lecture)  
Z.S. Galis  
National Heart, Lung, and Blood Institute, Bethesda, MD, USA

MANAGEMENT OF STABLE ANGINA-EUROPEAN, CANADIAN, BRITISH AND AMERICAN SCIENTIFIC SOCIETY GUIDELINES: A CRITICAL APPRAISAL  (Invited Lecture)  
U. Thadani  
OUHSC; Medical Center and VA Medical Center Oklahoma City, OK, USA

WILL GUIDELINES STILL PERTAIN IN THE ERA OF PCSK9 INHIBITORS??  (Invited Lecture)  
S.J. Baum  
Florida Atlantic University, Boca Raton, FL, Excel Medical Clinical Trials, Inc Boca Raton, FL, Preventive Cardiology Boca Raton, FL, Boca Regional Hospital Boca Raton, FL, USA

AHA’S CARDIOVASCULAR HEALTH METRICS, COPD, AND CVD  (Invited Lecture)  
H. Lee, W. Fan, A. Lee, C. Kieu, N. Wong  
University of California, Irvine, Irvine, CA, USA

ACTIVATION OF ADIPONECTIN RECEPTOR INDUCES PROPROTEIN CONVERTASE SUBTILISIN/KEXIN TYPE 9 EXPRESSION BUT AMELIORATES LIPID PROFILES IN MICE  
(Invited Lecture)  
L. Sun, X. Yang, Y. Chen, Y. Duan, J. Han  
Nankai University, Tianjin, China

TRENDS OF CARDIOVASCULAR RISK FACTORS (FRAMINGHAM RISK SCORE) IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION  (Invited Lecture)  
Y. Plakh, A. Shiyovich; A. Abu-Eid, H. Gilutz  
Ben-Gurion University of the Negev, Beer-Sheva, Israel
**PL05 Plenary Session**

**CARDIAC ARRHYTHMIAS AND SUDDEN DEATH**

**WHY IT IS TIME TO ABANDON THE ALMOST 100 YEAR OLD WAYS TO ADJUST THE QT INTERVAL FOR HEART RATE AND ADOPT A NEW MODERN APPROACH**  (Invited Lecture)

**S.W. Rabkin**
University of British Columbia, Vancouver, BC, Canada

**STRATIFICATION OF ARRHYTHMIC RISK IN ADULT PATIENTS WITH CONGENITAL HEART DISEASE (CHD)**  (Invited Lecture)

**L.D. Daliento**
University of Padua, Italy

**IL-1β INDUCES CARDIAC ARRHYTHMIA IN DIABETES THROUGH ROS REGULATION**  (Invited Lecture)

**S.C. Dudley**
Brown University, The Miriam and Rhode Island Hospitals, Providence, RI, USA

**NEW ELECTROCARDIOGRAPHIC PREDICTORS OF SUDDEN CARDIAC DEATH**  (Invited Lecture)

**M.E. Cain**
University at Buffalo, Buffalo, NY, USA

**THE PROGNOSTIC IMPACT OF SINGLE EXTRA-STIMULUS ON PROGRAMMED VENTRICULAR STIMULATION IN BRUGADA PATIENTS WITHOUT PREVIOUS CARDIAC ARREST**  (Invited Lecture)

**M. Takagi,** Kansai Medical University, Moriguchi, Japan

**TRANSVENOUS LEAD EXTRACTION WITH PERCUTANEOUS ASPIRATION OF LARGE LEAD VEGETATIONS USING AN EXTRACORPOREAL SUCTION DEVICE**  (Invited Lecture)

**C.T. Starck,** J.J. Eulert-Grehn, V. Falk
Clinic of Cardiothoracic and Vascular Surgery, German Heart Institute, Berlin, Germany

**UPDATE ON CHEST COMPRESSION ONLY CPR FOR WITNESS CARDIAC ARREST VICTIMS**  (Invited Lecture)

**M.R. Movahed**
CareMore, University of Arizona, College of Medicine, Tucson, AZ, USA

**CARDIAC RYANODINE RECEPTOR CHANNELOPATHY**  (Invited Lecture)

**M. Horie,** S. Ohno, Y. Wada, H. Itoh, Y. Fujii, K. Dochi, M. Kawamura, K. Hasegawa, K. Sasaki, T. Makiyama
Shiga University of Medical Sciences, Otsu, Japan

**RISK STRATIFICATION IN PEDIATRIC ASYMPTOMATIC WOLFF-PARKINSON-WHITE PATTERN: THE ONGOING DEBATE**  (Invited Lecture)

**M.J. LaPage,** University of Michigan Congenital Heart Center, Ann Arbor, MI, USA
PL06  Plenary Session
AORTIC AND PERIPHERAL ARTERIAL DISEASE: BASIC AND CLINICAL STUDIES

MOLECULAR REGULATION OF EXTRACELLULAR MATRIX IN VASCULAR AGING
(Invited Lecture)
Y. Chen
University of Alabama at Birmingham, Birmingham, AL, USA

CYCLIC AMP ATTENUATES ANGIOTENSIN –II –INDUCED EXPRESSION OF EGR-1 VIA PKA-DEPENDENT PATHWAY IN VSMC  (Invited Lecture)
A.K. Srivastava  
CRCHUM, Montreal, Quebec, Canada

ESTIMATION OF IMMEDIATE PRE-DISSECTION AORTIC DIAMETER – IMPORTANT AND SURPRISING INFORMATION  (Invited Lecture)
J.A. Elefteriades
Yale University School of Medicine, New Haven, CT, USA

THROMBOEMBOLIC COMPLICATIONS OF ABDOMINAL AORTIC ANEURYSM: PATHOGENETIC MECHANISMS AND LESSONS FROM PRINZMETAL’S ANGINA
(Invited Lecture)
S.D. Gertz, D. Gilon, R. Beeri, C. Rubinstein, L. Gavish
The Hebrew University, Jerusalem, Israel

CAN PRESENCE OF AORTIC PLAQUE PREDICT CORONARY HEART DISEASE?
(Invited Lecture)
T. Tomaru, T. Mastubara, E. Mastubara
Toho University Medical School, Tokyo, Japan

THE CLINICAL IMPORTANCE OF CARDIAC CALCIFICATIONS  (Invited Lecture)
G.S. Pressman
Einstein Medical Center, Philadelphia, PA, USA

SURGICAL MANAGEMENT OF AORTIC ROOT ABSCESS  (Invited Lecture)
P.M. Davierwala
Heart Center, University Leipzig, Leipzig, Germany

DILATED AORTA: IS IT SAFE TO PERFORM EXERCISE ECHOCARDIOGRAPHY?
(Invited Lecture)
M. Prokudina, N. Malinina, P. Mochalov, E. Bobrova, E. Karev, S. Verbilo
Federal Medical Research Center. St Petersbourg, Russia

CARDIOPULMONARY EXERCISE TESTING IN PERIPHERAL ARTERY DISEASE
Z.A. Qutrio Baloch, S.A. Abbas, A. Ali, S. Malavade, S.I. Zaidi, S. Bukhari
Brandon Regional Hospital. Brandon, FL, USA
S21 HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE – FROM BENCH TO BEDSIDE

INFLUENCE OF DIASTOLIC BLOOD PRESSURE ON ADVERSE OUTCOMES IN TREATMENT OF HYPERTENSION
S.H. Sundaravel, E.J. Venegas, M. Kabach, R. Chait, E. Donath
University of Miami/Palm Beach Regional Consortium, Atlantis, Florida, USA

EFFECTS OF ADDING SODIUM-GLUCOSE COTRANSPORTER-2 INHIBITORS TO STANDARD CARE IN PATIENTS WITH TYPE 2 DIABETES
A. Sharma, H. Kamran, S. Goel, D. Mukherjee
State University of New York Downstate Medical Center, New York, NY, USA

COMPLETE CORONARY REvascularization in ST Elevation Myocardial Infarction in High-Risk Patients: Diabetics with Multivessel Disease
R.A. Costantini, J.Mh. Telayna, J.M. Telayna
Hospital Universitario Austral, Pilar, Argentina

MANAGEMENT OF HYPERTENSION USING AMBULATORY BLOOD PRESSURE MONITORING, A SAUDI EXPERIENCE
King Abdulaziz Hospital, Alhasa, KSA

ROLE OF CGRP AND NO IN THE PROTECTIVE EFFECT OF TRANSCUTANEOUS ELECTRICAL STIMULATION IN DEVELOPMENT OF FRUCTOSE-INDUCED HYPERTENSION IN RATS
V.K. Spiridonov, Z.S. Tolochko, T.A. Korolenko
Institute of Physiol. and Basic Med., Novosibirsk, Russia

ASSOCIATION OF OBESITY TYPES WITH THE 10-YEAR CORONARY HEART DISEASE RISK IN TIBET AND XINJIANG AREA OF CHINA
Chinese Academy of Medical Sciences and Peking Union Medical College, Fuwai Hospital, Beijing, China

WATER-PIPE SMOKING AND METABOLIC SYNDROME: A POPULATION-BASED STUDY
Z.I. Arain, M.K. Shafique
Isra University Hospital, Hyderabad, Pakistan

ISOLATED DIASTOLIC WHITE COAT HYPERTENSION
M. Arulthasan, W. Sheu, D. Bloomfield
Richmond University Medical Center, Staten Island, New York, USA
S21  HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE – FROM BENCH TO BEDSIDE (cont.)

CORRELATION OF THE COMPONENTS OF METABOLIC SYNDROME TO HEART RATE RECOVERY AND RATE PRESSURE PRODUCT AMONG PATIENTS UNDERGOING TREADMILL STRESS TESTING AT ADVENTIST MEDICAL CENTER MANILA, PHILIPPINES

F.G.M. Turalba, M.O. Matulac
Adventist Medical Center Manila, Philippines

INTERVENTIONAL TREATMENT FOR RESISTANT HYPERTENSION: A SYSTEMATIC REVIEW

T. Silva, C.R.B. Macedo, R. Aras
Federal University of Bahia; Faculdade de Medicina da Bahia, Brazil

PHARMACOKINETIC, SAFETY AND EFFICACY DATA OF CAPRE®, A NOVEL INVESTIGATIONAL OMEGA-3 DRUG DERIVED FROM KRILL OIL

Acasti Pharma Inc., Laval, QC, Canada
CORRELATION BETWEEN CARDIO-PULMONARY EXERCISE TEST VARIABLES AND HEALTH-RELATED QUALITY OF LIFE AMONG CHILDREN WITH CONGENITAL HEART DISEASES

Montpellier University Hospital, Montpellier, France

STROKE RISK IN PATIENTS WITH PATENT FORAMEN OVALE AND INTRACARDIAC DEVICES: WHO IS AT INCREASED RISK?

Banner University Medical Center, Phoenix, Arizona, USA

COMPARISON OF PERICARDIUM AND PULMONARY PATCH FOR AORTIC COARCTATION COMBINING HYPOPLASTIC ARCH IN INFANTS

H.T. Xu, J. Yan
National Center for Cardiovascular Disease and Fuwai Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China

15 YEARS’ EXPERIENCE OF SINGLE-STAGE TOTAL CAVOPULMONARY CONNECTION

Q. Chen, S.J. Li, K. Ma, S. Zhang, L. Qi, F.P. He, G.X. Wang
Fuwai Hospital, Beijing, China

THE VALUE OF NT-PROBNP AS A SURROGATE BIOMARKER IN THE DIAGNOSIS AND MANAGEMENT OF PAH IN VLBW INFANTS

S. Dasgupta, A.M. Aly
University of Texas Medical Branch, Galveston, Texas, USA

COMPARISON OF THE PATIENTS ASSOCIATED WITH PULMONARY ATRESIA, VENTRICULAR SEPTAL DEFECT AND MAJOR AORTOPULMONARY COLLATERAL ARTERIES UNDERGOING SYSTEMIC-TO-PULMONARY SHUNT AND RIGHT VENTRICULAR TO PULMONARY ARTERY CONNECTION

F. Fan, Q. Wang, Z.M. Liu, B. Peng, F.X. Yan, X. Wang, S.J. Li, J. Yan
Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China

ATRIAL FIBRILLATION AND STROKE IN PATIENTS WITH REPAIRED TETRALOGY OF FALLOT

C. Tsui, D. Wan, J. Grewal, M. Kiess, A. Barlow, D. Human, A. Krahn, S. Chakrabarti
University of British Columbia, Vancouver, BC, Canada

UN-ROOFING A MYOCARDIAL BRIDGE

S. Mok, D. Majdalany, C. Pettersson
Cleveland Clinic, Cleveland, OH, USA
S22 PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY, CONGENITAL HEART DISEASE (cont.)

LATE PRESENTATION OF SYMPTOMATIC ANOMALOUS LEFT MAIN CORONARY ARTERY
U. Batnyam, J. Mellone, A. Javaid
University of Central Florida, College of Medicine, Orlando, FL, USA

PROGNOSTIC VALUE OF RED BLOOD CELL DISTRIBUTION WIDTH IN PEDIATRIC PATIENTS WITH CONGENITAL HEART DISEASE
D. Li, X. Wang, J.X. Yang, T. Pan
Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, P.R. China
MOLECULAR CARDIOLOGY AND VASCULAR BIOLOGY, BASIC RESEARCH

PI3K-ALPHA REGULATES BIOMECHANICAL STRESS-INDUCED CYTOSKELETAL REMODELING: A CRITICAL ROLE OF GELSOVIN

Department of Medicine, University of Alberta, Edmonton, Canada

SPINAL CORD INJURY-INDUCED SYSTOLIC DYSFUNCTION IS ASSOCIATED WITH CARDIOMYOCYTE ATROPHY AND UP-REGULATION OF PROTEOLYTIC PATHWAYS

M. Poormasjedi-Meibod, J.W. Squair, M. Mansouri, C.R. West
International Collaboration on Repair Discoveries (ICORD), Faculty of Medicine, University of British Columbia, Canada

MITF SWITCHES FROM ACTIVATOR TO REPRESSOR OF ERBIN EXPRESSION DURING CARDIAC HYPERTROPHY

The Institute for Medical Research Israel-Canada, Hebrew University Medical School, Jerusalem, Israel

DPP-4 INHIBITION BY LINAGLIPTIN PREVENTS CARDIAC DYSFUNCTION AND INFLAMMATION BY TARGETING THE NLRP3/ASC INFLAMMASOME

Y. Ye, M. Bajaj, Y. Birnbaum
UTMB, Galveston, TX, USA

DOWNREGULATED CAVEOLIN-1 EXPRESSION PLAYS A POTENTIAL ROLE IN CORONARY ARTERY SPASM BY INDUCING NITRIC OXIDE PRODUCTION IN VITRO

X.M. Cao, X.T. Song
Daxing Hospital, Capital Medical University, Beijing, China

DIFFERENTIAL CARDIAC HYPERTROPHY AND SIGNALING PATHWAYS IN PRESSURE VERSUS VOLUME OVERLOAD

J. Wu, J.I. You, S. Wang, Y. Ye, J. Huang, Z. Ding, F. Yang, X. Wang, J. Ge, Y. Zou
Zhongshan Hospital and Institutes of Biomedical Sciences, Fudan University, Shanghai, China

INCREASED A3AR-DEPENDENT VASOCONSTRICTION IN DIABETIC MICE IS PROMOTED BY MYELOPEROXIDASE

S. Nishat, A. Klinke, S. Baldus, L. Khan, S. Basir
Glocal University, Saharanpur, UP, India

EFFECTS OF A DISINTEGRIN AND METALLOPROTEASE 10 ON CORONARY ARTERY IN- STENT RESTENOSIS WITH DIABETES

L. Wu, Y. Wang, Q. Cai, K. Yang, J. Cao
Rujin Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, P.R. China
S23 MOLECULAR CARDIOLOGY AND VASCULAR BIOLOGY, BASIC RESEARCH (cont.)

DIFFERENTIAL ROLES OF THE FULL-LENGTH AND N-TERMINAL FRAGMENT OF SERUM RESPONSE FACTOR ON CARDIOMYOCYTE DIFFERENTIATION FROM CARDIAC STEM CELLS
Hainan Medical University-Haikou, Hainan, China

ROLE OF VASCULAR AUTOPHAGY IN HYPERTENSION AND HYPOTENSIVE EFFECTS OF TETRAHYDROXYSTILBENE GLYCOSIDE IN OBESE RATS
Q. Dong, W. Xing, S. Wang, F. Gao, H. Zhang
Fourth Military Medical University, Xi'an, China

A20 ACTS ON REGULAR IN TNF ALPHA-INDUCED INJURY OF HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS VIA TAK1 DEPENDENT ENOS PATHWAY
L. Li, J. Zeng, Q. Jin, M. Chu, J. Lin, L. Wu
The Second Affiliated Hospital & Yuying Children’s Hospital, Wenzhou Medical University, Wenzhou, Zhejiang, China
Institute of Physiology and Basic Medicine, Novosibirsk, Russia

ACTIVITY AND EXPRESSION OF CHITOTRIOSIDASE IN A MURINE MODEL OF LIPEMIA INDUCED BY POLOXAMER 407 AND EFFECTIVE HYPOLIPIDEMIC PRETREATMENT
PL07  Plenary Session

**VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS**

5-YEARS OUTCOME OF SURGICAL TREATMENT OF SEVERE MITRAL REGURGITATION WITH OR WITHOUT LEAFLET PROLAPSE  (Invited Lecture)

**F. Nappi**, C. Spadaccio, M. Chello, C. Acar
Centre Cardiologique du Nord de Saint-Denis, Paris, France

SUTURELESS VALVE ASSOCIATED A MINIMALLY INVASIVE APPROACH COVERS THE GAP BETWEEN TRANSCATHETER AORTIC VALVE IMPLANTATION AND CONVENTIONAL AORTIC VALVE REPLACEMENT  (Invited Lecture)

**A. Miceli**
Istituto Clinico Sant'Ambrogio, Gruppo Ospedaliero San Donato, Milano, Italy

TRANSCATHETER AORTIC VALVE IMPLANTATION FOR PURE AORTIC REGURGITATION  (Invited Lecture)

**J. Ye**
St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada

VALVE PROSTHESIS - PATIENT MISMATCH: AN UPDATE - CLEAR THE CONFUSION AND SIMPLIFY  (Invited Lecture)

**G. Huang**, S.H. Rahimtoola.
Methodist Hospital of Southern California; University of Southern California, CA, USA

WHEN ANSWERS CANNOT BE FOUND IN THE TEXTBOOK – MAKING DECISIONS IN CHILDREN WITH PROFOUND DISABILITIES  (Invited Lecture)

**A. Lorber**, Rappaport Faculty of Medicine – Technion, Haifa, Israel

Wnt SIGNALING IN ATHEROSCLEROSIS: THE OSTEOCARDIOLOGY GO/ NO GO THEORY  (Invited Lecture)

**N.M. Rajamannan**, Mayo Clinic, Rochester, MN, USA

TAVR FOR ALL COMERS WITH AORTIC STENOSIS: A DESTINATION TOO FAR?  (Invited Lecture)

**A.N. Cheema**, University of Toronto, ON, Canada

PERICARDIAL CYSTS- REVISITED  (Invited Lecture)

**Y. Charuzi**, R. Van Allan, J. Finkelstein-Boim, J. Mirocha
Cedars Sinai Medical Center, Los Angeles, USA

TRANSCATHETER AORTIC VALVE IMPLANTATION FOR PURE AORTIC REGURGITATION  (Invited Lecture)

**J. Ye**
St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada

DA VINCI AORTIC AND NON-AORTIC SURGERY

**P. Stadler**, L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic
PL08  Plenary Session
INFLAMMATION AND CARDIOVASCULAR DISEASE: FROM PATHOGENESIS TO THERAPEUTIC TARGET

REGULATED EXOCYTOSIS IN ENDOTHELIAL CELLS: BIOLOGY AND CLINICAL IMPLICATIONS  (Invited Lecture)
J. Luo, Institute of Molecular Medicine, Peking University, Beijing, China

BEYOND SLICING AND DICING: CYSTEINE PROTEASE CATHEPSIN K A NOVEL TARGET FOR CARDIOMETABOLIC DISEASE  (Invited Lecture)
S. Nair, University of Wyoming, Laramie, WY, USA

IL-10 AND TOLL LIKE RECEPTORS 2 AND 4 IN CARDIAC STRESS CONDITIONS  (Invited Lecture)
P.K. Singal, A. Bagchi, P. Ayyappan, G. Akolkar
St. Boniface Hospital Albrechtsen Research Centre, University of Manitoba, Winnipeg, Manitoba, Canada

ACUTE CORONARY SYNDROMES: A ROLE FOR INFLAMMATION AND ITS RESOLUTION  (Invited Lecture)
J.G. Filep
University of Montreal, Montreal, and Maisonneuve-Rosemont Hospital, Montreal, QC, Canada

INFLAMMATION, AUTOPHAGY AND MYOCARDIAL ISCHEMIA  (Invited Lecture)
J.L. Mehta
University of Arkansas for Medical Sciences and CAVHS, Little Rock, AR, USA

LYSOPHOSPHATIDIC ACID IS THE CULPRIT MOLECULE INVOLVED IN BOTH ATHEROSCLEROSIS AND IN CANCER  (Invited Lecture)
Z. Zarina Barseghyan
David Geffen School of Medicine, University of California Los Angeles, USA

MODIFIED MYXOMAVIRAL SERPIN REACTIVE CENTER LOOP (RCL) PEPTIDE IMPROVES SURVIVAL AND OUTCOMES IN AN ACCELERATED LETHAL MOUSE INFLAMMATORY VASCULITIC SYNDROME MODEL  (Invited Lecture)
Biodesign Institute/ Arizona State University, Arizona & St Joseph’s Hospital, Phoenix, AZ, USA

UPSTREAM MEDIATORS OF INFLAMMATION AND THE POTENTIAL TO UNLOCK PARADOXES OF AGE-RELATED DISEASE  (Invited Lecture)
S. Cheng, Brigham and Women’s Hospital, Boston, MA, USA

MITOCHONDRIAL HOMEOSTASIS, VSMC PLASTICITY AND VASCULAR CALCIFICATION  (Invited Lecture)
M.L. Wang, Y.T. Jia, W. Kong, Peking University Health Science Center, Beijing, PR. China
S24  CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

THE UTILITY OF ECHOCARDIOGRAPHY IN SYNCOPE EVALUATION
W. Sheu, G. Faldu, S. Noriega, A. Dulku, D. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

ASSESSMENT OF LEFT VENTRICULAR SEGMENTAL MASS IN HYPERTROPHIC CARDIOMYOPATHY BY THREE DIMENSIONAL ECHOCARDIOGRAPHY
H. Salehi
Austin Health, Melbourne, Victoria, Australia

SAFETY PROFILE OF ECHOCARDIOGRAPHIC CONTRAST AGENTS
S. Kumar, C.S. Purtell, A. Peterson, P. Gibbons, J. Lindner, S. Heitner
Oregon Health & Science University, Portland, OR, USA

CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY AS A COST-EFFECTIVE TEST FOR CORONARY ARTERY DISEASE
M. Gorenchtsein, E. Wilson, T.J. Turco, A.N. Johnson, J.K. Hersh, K.A. Hebert
Mount Sinai St. Luke’s and Mount Sinai West Hospitals, New York, NY, USA

DOES MORPHOLOGY AND FUNCTION OF THE LEFT ATRIAL APPENDAGE CHANGE AS A RESULT OF MITRAL REUGITATION?
A.P. Ziganshina, E. Meoli, B.A. Zigansshin, J.A. Elefteriades, S.K. Mukherjee
Western Connecticut Health Network, Danbury Hospital, Danbury, CT; Aortic Institute at Yale-New Haven Hospital, Yale University School of Medicine, New Haven, CT, USA

QUANTIFICATION OF PLEURAL EFFUSIONS BY TWO-DIMENSIONAL ECHOCARDIOGRAPHY
S.A. Chang, D. McFarlane, J. Yim, K. Gin, J. Jue, P.K. Lee, P. Nair, M. Tsang, D. Thompson, T. Tsang
University of British Columbia, Vancouver, BC, Canada

AUTONOMOUS HEART MURMUR DETECTION IN THE ELDERLY WITH VALVE DEFECTS
CSD Labs, Graz, Styria, Austria

SYSTEMATIC REVIEW OF USING SIMULATION TO TEACH ECHOCARDIOGRAPHY
UF Health Shands at the University of Florida, Gainesville, FL, USA

CARDIOVASCULAR ABNORMALITIES IN HIV PATIENTS AND THEIR ASSOCIATION WITH DURATION OF HAART AND CD4 COUNT
A. Sharma, H. Dandu, A.K. Tripathi, S. Chandra
Saint Peter’s University Hospital/ Rutgers Robertwood Johnson Medical School, New Brunswick, NJ, USA
S24 CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION (cont.)

DIAGNOSTIC VALUE OF STRESS 2D GLOBAL LONGITUDINAL STRAIN IN DETECTING SIGNIFICANT CORONARY ARTERY DISEASE
M.A. Abdelwahab, D.R. Elremisy, M.H. Daoud, W.A. Ammar, A.A. Elamragy, H.S. Taha
Cairo University, Cairo, Egypt

PREVALENCE AND PREDICTORS OF MICROVASCULAR OBSTRUCTION AFTER SUCCESSFUL PRIMARY CORONARY INTERVENTION
O.A. Rifaie, A.M. Halim, L.A. Allam, A.M. Samir
Ainshams University, Cairo, Egypt
PL09  Plenary Session
IDENTIFICATION AND MODIFICATION OF NOVEL RISK FACTORS FOR CARDIOVASCULAR DISEASES

LIFESTYLE FACTORS AND THE IMPACT ON LIFETIME INCIDENCE AND MORTALITY OF CORONARY HEART DISEASE  (Invited Lecture)
P.E. Pudda, A Menotti
Sapienza University of Rome, Italy

NEW CARDIOVASCULAR RISK FACTORS AND ENDOTHELIAL DYSFUNCTION  (Invited Lecture)
C. Chen, J.M. Lu, Q. Yao
Baylor College of Medicine, Houston, TX, USA

PARADOXICAL HOOKAH SMOKING-INDUCED AUGMENTATION OF ENDOTHELIAL FUNCTION  (Invited Lecture)
Cedars-Sinai Medical Center, Los Angeles, CA, USA

CARDIOVASCULAR RISKS OF RECREATIONAL MARIJUANA USE  (Invited Lecture)
J. Shirani
St. Luke's University Health Network, PA, USA

NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN PATIENTS WITH CORONARY ARTERY DISEASE: RELATIVE RISKS FROM THE PRECISION TRIAL  (Invited Lecture)
J.S. Borer
SUNY Downstate Medical Center and College of Medicine, Brooklyn and New York, NY, USA, on behalf of the Executive Committee and other Co-Authors of PRECISION

GOLDEN RATIO: A SUBTLE REGULATOR İN OUR BODY AND CARDİOVASCULAR SYSTEM  (Invited Lecture)
E. Yetkin, Yenisehir Hospital, Division of Cardiology, Mersin, Turkey

NON-PLATELET THROMBOXANE GENERATION AS A NOVEL PREDICTOR OF MORTALITY  (Invited Lecture)
J. Rade
University of Massachusetts Medical School, Worcester, MA, USA

HEALTHY WEIGHT, HEALTHY EATING AND ACTIVE LIFESTYLE REDUCE THE RISK OF HEART DISEASE AND STROKE  (Invited Lecture)
H.S. Buttar, University of Ottawa, Ottawa, Ontario, Canada

A CURRENT UPDATE ON INFLUENZA AND CARDIOVASCULAR DISEASES  (Invited Lecture)
M. Madjid, University of Texas at Houston HSC, Houston, TX, USA

BIG DATA IN CARDIOLOGY - WHERE WE SHOULD BE GOING AND WHY?  (Invited Lecture)
R. Potluri
Aston Medical School, Birmingham, UK
PL10  Plenary Session
HEMODYNAMICS, INTERVENTIONAL CARDIOLOGY AND SURGICAL TREATMENT

HEMODYNAMIC SUPPORT FOR HIGH RISK PCI AND CARDIgenic SHOCK: FINDING THE SWEET SPOT  (Invited Lecture)
G.W. Vetrovec
VCU Pauler Heart Center, Virginia Commonwealth University, VA, USA

THE IMPORTANCE OF POST-PCI FFR: “IT'S NOT OVER 'TIL IT'S REALLY OVER”  (Invited Lecture)
B.F Uretsky
University of Arkansas for Medical Sciences, Little Rock, AR, USA

DURAGRAFT VASCULAR GRAFT TREATMENT IN THE PREVENTION OF PATIENTS UNDERGOING CABG  (Invited Lecture)
L. Perrault, M. Carrier, D. Bouchard, R. Cartier, P. Demers, Y. Lamarche, I. El-Hamamsy, D. Tanguay, D. Terronne
Montreal Heart Institute, Montreal, QC, Canada

MEASURING RESISTANCE IN THE CORONARY MICROcirculation  (Invited Lecture)
N. van Royen, VU University Amsterdam, The Netherlands

RADIATION PROTECTION IN THE CATH LAB  (Invited Lecture)
A. Roguin
Rambam Medical Center, B. Rappaport - Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel

HOW TO PREDICT THE LONG-TERM OUTCOME OF NEW STENTS?  (Invited Lecture)
Y. Ueda, Osaka National Hospital, Osaka, Japan

LEFT MAIN CORONARY ARTERY DISEASE TREATMENT IN 2017: PCI vs CABG  (Invited Lecture)
L. Testa, IRCCS Policlinico S. Donato, Milan, Italy

COMPREHENSIVE MULTIMODAL INTRA-VASCULAR OPTICAL IMAGING WITHOUT EXOGENOUS CONTRAST AGENT  (Invited Lecture)
H. Yoo, Hanyang University, Seoul, Korea

DEVELOPMENT OF BIODEGRADABLE NANOFIBROUS DRUG-ELUTING STENTS: CHALLENGES AND OPPORTUNITIES  (Invited Lecture)
S.K. Bhullar, H.S. Buttar
Bursa Technical University, Bursa, Turkey and University of Victoria, Victoria, BC, Canada

PERCUTANEOUS HEMODYNAMIC SUPPORT DEVICES IN THE CURRENT DAY CATH LAB  (Invited Lecture)
M. Shanmugasundaram
The University of Arizona College of Medicine/ SAVAHCs, Tucson, AZ, USA
PL11  Plenary Session
IMPROVING UNDERSTANDING, TREATMENT AND OUTCOME IN ATRIAL FIBRILLATION

CELLULAR ELECTROPHYSIOLOGICAL MECHANISMS OF PAROXYSMAL ATRIAL FIBRILLATION IN PATIENTS (Invited Lecture)
D. Dobrev, University Duisburg-Essen, Essen, Germany

IMPROVEMENT IN QUALITY OF CARE FOR ATRIAL FIBRILLATION IN GET WITH THE GUIDELINES—ATRIAL FIBRILLATION (GWTG-AFIB) (Invited Lecture)
University at Buffalo, Buffalo, NY, USA

IS IT TIME TO RETHINK OUR MODEL OF ATRIAL FIBRILLATION AND STROKE? (Invited Lecture)
T.J. Bunch, Intermountain Medical Center Heart Institute, Murray, UT, USA

TREATMENT OF ARRHYTHMIAS IN THE ELDERLY: SPECIFIC AGE RELATED CONSIDERATIONS (Invited Lecture)
S.K. Seidl, Klinikum Ingolstadt, Ingolstadt, Deutschland

ARE LOW DOSES OF DIRECT-ACTING ORAL ANTICOAGULANTS JUSTIFIED AND APPROPRIATE IN PATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION? NONVALVULAR ATRIAL FIBRILLATION? (Invited Lecture)
A. Martinez-Rubio, O. Martinez-Torrecilla
Univ. Hosp. of Sabadell, Univ. Autonoma of Barcelona, Sabadell, Spain

UTILIZATION OF 3-D MAPPING FOR SUCCESSFUL ABLATION OF TYPICAL ATRIAL FLUTTER (Invited Lecture)
H. Paydak, University of Arkansas for Medical Sciences, Little Rock, AR, USA

INCREASED VULNERABILITY OF FAILING HEARTS TO SYMPATHETIC STIMULATION INDUCED ATRIAL FIBRILLATION: THE ROLE OF RYANODINE RECEPTOR DYSFUNCTION (Invited Lecture)
Y. Zhang
New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

ATRIAL FIBRILLATION AND GERIATRIC SYNDROMES (Invited Lecture)
K. Alagiakrishnan, University of Alberta, Edmonton, Canada

LEADLESS PACEMAKERS (Invited Lecture)
K.S. Srivathsan, Mayo Clinic, AZ, USA

FUNCTIONAL CHARACTERIZATION OF RARE VARIANTS IMPLICATED IN SUSCEPTIBILITY TO LONE ATRIAL FIBRILLATION
Kanazawa University, Kanazawa, Japan
SATURDAY, JULY 15, 2017

08:00 – 13:00

Poster Hall

P201 ECHOCARDIOGRAPHY

PROGNOSTIC IMPACT OF LEFT VENTRICULAR REMODELING IN ARTERIAL HYPERTENSION: AN ECHOCARDIOGRAPHIC STUDY
**I. Fabiani**, N.R. Pugliese, S. La Carrubba, L. Conte, F. Antonini Canterin, P. Colonna, S. Carerj, F. Benedetto, E. Calogero, V. Di Bello
SD Cardioangiologia Universitaria, Pisa, Italy

RELATIONSHIP BETWEEN CARDIOMEGALY BY CHEST X-RAY AND LEFT VENTRICULAR SIZE BY ECHOCARDIOGRAPHY
**S.A. Chang**, D. McFarlane, J. Yim, K. Gin, J. Jue, P.K. Lee, P. Nair, M. Tsang, D. Thompson, T.S. Tsang

EXERCISE INDUCED REGIONAL WALL MOTION ABNORMALITIES IN SIGNIFICANT AORTIC REGURGITATION: VOLUME OVERLOAD, DIRECTION OF AR JET OR CORONARY ARTERY DISEASE
Samsung Medical Center, Seoul, South Korea

ONE OF THESE THINGS IS NOT LIKE THE OTHER: CASE OF THROMBUS IN TRANSIT ACROSS PATENT FORAMEN OVALE VS. NORMAL VARIANT OF INTER-ATRIAL SEPTUM
**J.P. Pollock**, T.T. Aung, B.K. Srivastava
Wright State University, Dayton, OH, USA
P202  NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

CLINICAL SIGNIFICANCE OF POST-INFARCT FEVER IN ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION: A CARDIAC MAGNETIC RESONANCE IMAGING STUDY
Y.B. Song, J.H. Yang, W.J. Jang, J.Y. Hahn, S.H. Choi, H.C. Gwon
Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea

CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY GUIDED PERCUTANEOUS CORONARY INTERVENTION IN PATIENT WITH CORONARY ARTERY DISEASE AND METABOLIC SYNDROME
J.H. Koh, S.H. Ahn, S.K. No
Seoul SeoNam Hospital, Ewha Womans University, Seoul, South Korea
SATURDAY, JULY 15, 2017

08:00  Poster Hall

**P203  ACUTE MYOCARDIAL INFARCTION, REPERFUSION THERAPY**

OUTCOMES OF ACUTE MYOCARDIAL INFARCTION IN CENTENARIANS
St. Luke’s University Health Network, PA, USA

NEWER ORAL ANTICOAGULANTS COMPARED TO STANDARD TREATMENT FOR VENOUS THROMBOEMBOLISM IN MALIGNANCY. A META-ANALYSIS
Cape Fear Valley Medical Center, Fayetteville, NC, USA

EFFECT OF TAILORED USE OF TIROFIBAN IN PATIENTS WITH NON-ST-ELEVATION ACUTE CORONARY SYNDROME UNDERGOING PERCUTANEOUS CORONARY INTERVENTION
Seoul National University and Seoul National University Bundang Hospital, Seongnam, Korea

SPONTANEOUS HEMOPERICARDIUM IN THREE PATIENTS AFTER INITIATION OF DIRECT ORAL ANTICOAGULANTS FOR STROKE PREVENTION
**M. Lee**, D.E. Sangha, J.B. Michel, S.M. Costa
Baylor Scott and White, Temple, TX, USA

AMI IN PATIENTS WITH NON-OCCLUSIVE CORONARY ARTERY DISEASE. A SINGLE CENTER EXPERIENCE IN SINGAPORE
Khoo Teck Puat Hopsital, Singapore

DIDO TIMING FOR A SECONDARY CARE HOSPITAL FOR STEMI PT. A SAUDI EXPERIENCE
King Abdulaziz Hospital, Alhasa, Saudi Arabia

POSSIBLE DIFFUSE ALVEOLAR HEMORRHAGE FROM BIVALIRUDIN USE
**H. Latt**, S. Aung, C. Roongsritong
University of Nevada, Reno - School of Medicine, USA

SPONTANEOUS CORONARY ARTERY DISSECTION: A CASE REPORT AND BRIEF REVIEW OF LITERATURE
**R. Manikat**, F. Elmi, Easton Hospital, Easton, PA, USA

BASIC DEMOGRAPHIC CHARACTERISTICS OR BASELINE LABORATORY PARAMETERS: WHICH ONE HAS MORE POOR PROGNOSTIC EFFECT IN PATIENTS WITH ACUTE ST-ELEVATION MYOCARDIAL INFARCTION? COHORT FROM SOUTHEAST ASIAN POPULATION
**Z.I. Arain**, F.M. Memon, N.L. Rathi
Isra University Hospital, Hyderabad, Pakistan
P203  ACUTE MYOCARDIAL INFARCTION, REPERFUSION THERAPY (cont.)

MULTIPLE CORONARY ARTERIES SPASM ASSOCIATED WITH CHURG-STRAUSS SYNDROME
T.S. Lwin, R. Sekar, S.S. Imran
Khoo Teck Puat, Singapore

TRAZODONE INDUCED VASOSPASTIC ANGINA MIMICKING WITH ST- ELEVATION MYOCARDIAL INFARCTION
A. Ruhela, Y.R. Sedhai, J. Janani, N. Kumar, E. Mizrahi
Mercy Catholic Medical Center, Darby, PA, USA
P204  PERICARDIAL DISEASE

1151  CARDIAC TAMPONADE SECONDARY TO PURULENT PERICARDITIS IN A PATIENT WITH LUDWIG’S ANGINA AND LEMIERRE’S SYNDROME  
      K.A. Samtani, K.J. Booher  
      Wright State University, Dayton, OH, USA

1263  POST CABG STERNAL TB OSTEOMYELITIS IN A 77 YEAR OLD MALE JAPANESE PRESENTING AS RECURRENT INFECTED SINUS TRACT  
      J.R. Cuaresma, B. Alimurung, J. Caoili  
      Makati Medical Center, Philippines

1358  SUDDEN CARDIAC DEATH DUE TO FOCAL PERICARDITIS INDUCED ANEURYSM FOLLOWING PERCUTANEOUS CORONARY INTERVENTION  
      H.E.B. Storer, T. Gilotra, T. Haddadin  
      East Tennessee State University, Johnson City, TN, USA
SATURDAY, JULY 15, 2017

08:00 – 13:00
Poster Hall

P205  ELECTROPHYSIOLOGY, SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY

LONG-TERM CLINICAL BENEFITS OF TWO-INCISION TECHNIQUE FOR SUBCUTANEOUS IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR
D. Chang, E. Koman, P. Patel, H. Saltzman, S.P. Kutalek
Drexel University, Philadelphia, PA, USA

ELECTROPHYSIOLOGICAL CHARACTERISTICS OF THE LQT2 SYNDROME MUTATION KCNH2-G572S AND REGULATION BY ACCESSORY PROTEIN KCNE2
General Hospital of People’s Liberation Army, Beijing City, China

INCIDENCE AND TIMING OF RECOVERY OF CONDUCTION IN POST-CORE VALVE IMPLANTATION HEART BLOCK
A. Singh, J.H. Kaminski, J.J. Voss, F.S. Leya, P.A. Santucci
Loyola University Medical Center, Maywood, Illinois, USA

TRENDS IN CARDIAC RESYNCHRONIZATION THERAPY (CRT) DEVICE IMPLANTATION IN THE UNITED STATES FROM 2004-2011
A.A. Khan, S.I.M. Zaidi, B. Brooks, H.B. Panchal, T. Paul, V. Ramu
East Tennessee State University

PERMANENT HIS BUNDLE PACING (PHBP) WITH CLS OUTPERFORMS ACCELEROMETER-BASED RATE-RESPONSIVE PACING
J.R. Kneller, K. Merrill, T. Evans, K. Larios, J. Thorndike
Yakima Heart Center, Yakima, WA, USA

A RARE CASE OF PROGRESSIVE HEART BLOCK WITH X-LINKED RECESSIVE INHERITANCE
Mount Sinai St. Luke’s & Mount Sinai West, Icahn School of Medicine at Mount Sinai, New York, NY, USA

BILATERAL SYMPATHECTOMY AS A TREATMENT MODALITY FOR TREATMENT REFRACTORY VENTRICULAR TACHYCARDIA
A. Afzal, K. Kopecky, S. Hall, J. Mendez, M.D. Assar, D. Mason, A. Bindra
Baylor University Medical Center, Dallas, TX, USA

UNEXPECTED COMPLETE HEART BLOCK AFTER ADMINISTRATION OF A COMMON SEDATIVE
J.P. Pollock, T.T. Aung
Wright State University, Dayton, OH, USA

TRENDS IN PERMANENT PACEMAKER IMPLANTATION IN THE UNITED STATES FROM 2004-2011
East Tennessee State University, TN, USA
AN UNUSUAL CAUSE OF SYNCOPE: BRUGADA SYNDROME
S.A. Raza, A. Goel, L. Hunter
Methodist Health System, Dallas, TX, USA

UTILITIES AND OUTCOMES ASSOCIATED WITH THE USE OF TEMPORARY-PERMANENT PACEMAKERS: A SINGLE CENTER EXPERIENCE
M.B. Jayanna, A. Mohsen, G. Shantha, M. Giudici
University of Iowa, Iowa City, IA, USA

A NEW SOLUTION TO AN OLD PROBLEM FOR CARDIAC DEVICE HYPERSENSITIVITY
A. Grigos, G.V. Dous, N. Isber, M. Arulhasan, W. Sheu
Richmond University Medical Center, Staten Island, NY, USA
P206  ATRIAL FIBRILLATION AND SUPRAVENTRICULAR ARRHYTHMIA

COMPARISON OF OUTCOMES AFTER RHYTHM OR RATE CONTROL STRATEGY FOR THE NEW ONSET ATRIAL FIBRILLATION IN CRITICALLY ILL SEPSIS PATIENTS
Asan Medical Center, Seoul, Korea

WHO WATCHES THE WATCHMAN, AND HOW OFTEN?
A.Z. Jiang, T.A. Aung, K.D. Kravitz
Good Samaritan Hospital, Wright State University, Dayton, OH, USA

A SIMPLE PREDICTION MODEL FOR RECURRENCE OF ATRIAL FIBRILLATION AFTER CATHETER ABLATION
V. Baljepally, Y. Lin, X. Zhao
Capital Medical University, Beijing Anzhen Hospital Beijing, China

WOLFF-PARKINSON WHITE CAUSING ELECTRICAL ALTERANS ON ECG
E.N. Dreessens, T.M. Ratajczak, A.A. El-Moghraby, R. Arcenas
Wright State University Department of Internal Medicine, Dayton, OH, USA
P207  PERIPHERAL ARTERY DISEASE AND AORTIC DISEASE

STRICT CONTROL OF RISK FACTORS MAY NOT PREVENT PROGRESSION OF ARTERIOSCLEROSIS
Toho University Sakura Hospital, Japan

ASSOCIATION BETWEEN SYMMETRIC BICUSPID AORTIC VALVE PHENOTYPES AND PATTERN OF VALVULAR DYSFUNCTION AND AORTIC CONFIGURATION
F. Li, Z.P. Huang, X.S. Ren
Peking Union Medical College, Beijing, China and Chinese Academy of Medical Science, Beijing, China

OUTCOMES OF AORTIC ROOT AND ARCH REPLACEMENT AT A TERTIARY CARE HOSPITAL: A SINGLE SURGEON EXPERIENCE
F.W. Khan, S. Shabuddin, M. Abbas, B. Fatima, S.A. Sami
The Aga Khan University Hospital, Karachi, Sindh, Pakistan

PERIPHERAL INTERVENTIONS AND ANTIPLATELET THERAPY: WHERE DO WE STAND IN AN ERA OF GUIDELINE BASED THERAPY?
O.A. Akinseye, S. Salem, P. Singh, Y. Harper, M. Morsy, R.N. Khouzam
University of Tennessee Health science center, Memphis, Tennessee, USA
P208  MISCELLANEOUS

QUICK SEPSIS-RELATED ORGAN FAILURE ASSESSMENT (QSOFA) SCORE PREDICTS ADVERSE EVENTS IN PATIENTS WITH INFECTIVE ENDOCARDITIS
Kanazawa University, Kanazawa, Japan

SYSTEMATIC REVIEW OF PULMONARY EMBOLISM PRESENTING AS ST SEGMENT ELEVATION
P.P. Vlismas, P. Villablanca, T. Aleksandrovich, A. Omondi, D. Briceno, R. Pyo
Montefiore Medical Center, Bronx, NY, USA

THE RELATIONSHIP OF HEART DISEASES, AUTONOMIC IMBALANCE AND PSYCHOLOGICAL FUNCTIONING
D. Bartczak, E. Zawadzka-Bartczak
Cardinal Wyszynski University, Center of Information Technologies Warsaw, Poland

A CASE OF INCIDENTAL CORONARY ARTERY ECTASIA
X. Zhang, A. Casanegra
Mayo Clinic, Rochester, MN, USA

ATTEMPTING TO CLEANUP A RIGHT ATRIAL MASS IN A 20 YEAR OLD FEMALE WITH ANGIOVAC
M.R. Sheikh, S. Li, M.S. Khan, A. Zain, A. Stys, T. Stys
University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA
PL12  Plenary Session
HYPERTENSION, OBESITY, DIABETES MELLITUS AND CARDIOVASCULAR DISEASES,
PREVENTION, RISK REDUCTION AND TREATMENT

PROTECTION OF DIABETIC HEART WITH PDE5 INHIBITION AND HYDROXYCHLOROQUINE
R. Wang, L. Xi, **R.C. Kukreja** (Invited Lecture)
Virginia Commonwealth University, Richmond VA, USA

DAPAGLIFLOZIN ATTENUATES DIABETIC CARDIOMYOPATHY AND THE ACTIVATION OF
THE NLRP3/ASC INFLAMMASOME IN MICE WITH TYPE-2 DIABETES: A GLUCOSE-
LOWERING AND SGLT-2 INDEPENDENT EFFECT (Invited Lecture)
Y. Ye, M. Bajaj, Y. Hsiu-Chiung, J.R. Perez-Polo, **Y. Birnbaum**
UTMB, Galveston, Texas, USA

CO2 WATER-BATH AS A NOVEL THERAPY FOR THE TREATMENT OF PERIPHERAL
ARTERY DISEASE IN DIABETES (Invited Lecture)
**N.S. Dhalla**, Y-J. Xu, V. Elimban
Rady Faculty of Health Sciences, University of Manitoba, Winnipeg, Canada

CARDIOVASCULAR MECHANISMS OF EXERCISE INTOLERANCE IN DIABETES AND THE
ROLE OF SEX (Invited Lecture)
**J.G. Regensteiner**, M. Cree-Green, D. Rafferty, T.A. Bauer, J.E.B. Reusch
University of Colorado School of Medicine, Aurora, Colorado, USA

AGING AND OBESITY (Invited Lecture)
**B.I. Jugdutt**
University of Alberta, Edmonton, Alberta, Canada

ROLE OF THE ADIPOKINE OMENTIN IN CARDIOVASCULAR DISEASE (Invited Lecture)
**N. Ouchi**
Nagoya University Graduate School of Medicine, Nagoya, Japan

REVASCULARIZATION IN PATIENTS WITH DIABETES MELLITUS: OPTIMAL APPROACH
IN 2017 (Invited Lecture)
**G.W. Barsness**
Mayo Clinic, Rochester, MN, USA

CLINICAL SIGNIFICANCE OF EXAGGERATED BLOOD PRESSURE (Invited Lecture)
**P. Kokkinos**
Veterans Affairs Medical Center, Washington, DC, Georgetown University School of Medicine,
George Washington University School, University of South Carolina, USA

mTOR SIGNALING IN DIABETES AND MYOCARDIAL INFARCTION (Invited Lecture)
**A. Das**
Virginia Commonwealth University, Richmond, Virginia, USA
PL13  Plenary Session
VASCULAR REMODELING AND CARDIAC REGENERATION AND REPAIR

LOW DOSE IGF1 FOR CARDIAC CYTOPROTECTION AND REPAIR FROM MOUSE TO MAN
(Invited Lecture)
N.M. Caplice, University College Cork, Ireland

WHERE ARE WE WITH BONE MARROW CELL THERAPY FOR HEART REPAIR?
(Invited Lecture)
B. Dawn
University of Kansas Medical Center, Kansas City, KS, USA

WHAT YOU SHOULD KNOW ABOUT CARDIAC REMODELING  (Invited Lecture)
A.M. Gerdes
New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

PLAQUE ANGIOGENESIS IN HUMAN ATHEROSCLEROSIS: A SYSTEMS MEDICINE APPROACH  (Invited Lecture)
Maastricht University, The Netherlands

REBUILDING THE FAILING HEART WITH CELL THERAPY: ROADBLOCKS TO OVERCOME
(Invited Lecture)
J. Zhang
UAB - The University of Alabama at Birmingham, Birmingham, AL, USA

HISTONE DEACETYLASE INHIBITORS PREVENT CARDIAC HYPERTROPHIC REMODELING AND DYSFUNCTION IN NPR1 HAPLOTYPE MICE  (Invited Lecture)
K.N. Pandey
Tulane University Health Sciences Center, School of Medicine, New Orleans, LA, USA

STEM CELLS DERIVED EXOSOMES: A FUTURE OF CELL THERAPY  (Invited Lecture)
D. Singla, University of Central Florida, Orlando, FL, USA

BIOELECTRIC STIMULATION FOR ORGAN REGENERATION  (Invited Lecture)
L.W. Miller, Leonhardt Ventures, Tampa, FL, USA

A NOVEL MECHANISM CONTROLLING VASCULAR REMODELING  (Invited Lecture)
R. Tang, X.B. Cui, J.N. Wang, S.Y. Chen
University of Georgia, Athens, GA, USA

EMERGING ROLE OF CELLULAR THERAPY (STEM CELL THERAPY) IN CORONARY ARTERY DISEASE  (Invited Lecture)
University of Arkansas for Medical Sciences, Little Rock, AR, USA

MACROPHAGES AND CARDIAC REPAIR  (Invited Lecture)
E. Thorp, Feinberg School of Medicine, Chicago, IL, USA
S25 ARRHYTHMIA I: DIAGNOSIS, DRUG THERAPY, ABLATION

THE VALUE OF INCORPORATING THE LEFT ATRIAL SIZE TO THE CURRENT STROKE RISK SCORING SYSTEMS FOR ATRIAL FIBRILLATION.
M. Shahreyar, U. Ashraf, J. Gardner, W.P. Skelton, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

EFFECT OF ATRIAL FIBRILLATION ON THE IN-HOSPITAL MORBIDITY AND MORTALITY TRENDS OF TAKOTSUBO CARDIOMYOPATHY
A. Sharma, P. Charilaou, N. Patel, B. Yegneswaran, A. Badheka
Saint Peter's University Hospital/ Rutgers Robertwood Johnson Medical School, New Brunswick, NJ, USA

ASSOCIATION OF CHA2DS2VASc AND R2CHADS2 SCORES WITH LEFT ATRIAL VOLUME_INDEX: A RETROSPECTIVE STUDY OF STROKE PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION (NVAF)
J.J. Mehta, M.R. Vindhyal, J.K. Kallail, F.A. Eid
University of Kansas School of Medicine - Wichita, KS, USA

INFERNOR VENA CAVA DIAMETER BY HAND HELD ULTRASOUND PREDICTS ATRIAL FIBRILLATION RECURRENCE AFTER CARDIOVERSION
D.W. Kehl, R. Zimmer, I. Kedan
Cedars-Sinai Heart Institute, Los Angeles, CA, USA

PVI WITHOUT FLUOROSCOPY IS AS SAFE, EFFICIENT, AND EFFECTIVE AS TRADITIONAL FLUOROSCOPIC TECHNIQUES
A. Ahmad, A. Velasco, J. Barrios, H. McElderry, V. Plumb, T. Yamada, V. Kumar, H. Dopplapudi, W. Maddox
The University of Alabama at Birmingham, Birmingham, AL, USA

COMPARISON BETWEEN CRTOBALLOON AND RADIO FREQUENCY ABLATION IN ATRIAL FIBRILLATION TREATMENT: A PILOT DATA FROM CHINESE AREA
C.J. Wang, C.F. Sun
The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

AV NODAL REENTRANT TACHYCARDIA OF THE SICK
M.E. Madmani, F.J. Habash, P. Card, B. Boye, H. Paydak
University of Arkansas for Medical Sciences, Little Rock, AR, USA

INTER-OBSERVER RELIABILITY OF TWO-DIMENSIONAL SPECKLE-TRACKING DERIVED GLOBAL LEFT ATRIAL STRAIN MEASUREMENTS IN PATIENTS WITH SLEEP DISORDERED BREATHING AND PAROXYSMAL ATRIAL FIBRILLATION: RESULTS FROM THE SAFEBEAT STUDY
B. Xu, R. Byrne, R. Mehra, J. Aylor, R. Nawabit, L. Wang, J. Bena, D. Kwon
Heart and Vascular Institute, Cleveland Clinic, OH, USA
ASSOCIATION OF BRAIN NATRIURETIC PEPTIDE AND ATRIAL FIBRILLATION RECURRENT AFTER SUCCESSFUL ELECTRICAL CARDIOVERSION: A MULTIVARIATE ANALYSIS INCLUDING DIASTOLIC DYSFUNCTION
A. Al-Sheyyab, T. Gilotra, B. Barad, M. Jbara, T. Paul
East Tennessee State University, Johnson City, Tennessee, USA

ASSESSMENT OF SAFETY OF BOLUS INJECTION OF PROTAMINE AFTER PULMONARY VEIN ISOLATION
T.J. Matsubsra, K. Fujiu, E. Hasumi, T. Kojima, I. Komuro
Tokyo University, Tokyo, Japan

NO DIFFERENCE IN POST-OPERATIVE ATRIAL FIBRILLATION RATES WITH PERICARDIAL CLOSURE VERSUS NON-PERICARDIAL CLOSURE IN ISOLATED CABG OPERATIONS
S. Russo, A. Sarkeshik, K, Nakagawa, W. Douglas Boyd
UC Davis Medical Center, Department of Cardiothoracic Surgery, CA, USA

RAMP™ SHEATH DECREASES THE NUMBER OF RADIOFREQUENCY ABLATION APPLICATIONS FOR BIDIRECTIONAL ISTHMUS BLOCK IN TYPICAL RIGHT ATRIAL FLUTTER
University of Arkansas for Medical Sciences, Little Rock, AR, USA

CONVERSION OF ISOLATED UNIDIRECTIONAL ISTHMUS BLOCK TO BIDIRECTIONAL BLOCK BY ABLATING A DIFFERENT LOCATION IN THE CAVO-TRICUSPID ISTHMUS FOR THE TREATMENT OF TYPICAL ATRIAL FLUTTER
J. Xu, J. Wong, S. Reddy, T.E. Watts, K. Singkhek, H. Paydak
University of Arkansas for Medical Sciences, Little Rock, AR, USA
ASSOCIATION BETWEEN CANNABIS USE AND THE PREVALENCE OF ISCHEMIC HEART DISEASE (IHD); ANALYSIS FROM THE NATIONAL INPATIENT SAMPLE (NIS) 2012-2014 DATABASE
S.E. Alliu, A.C. Adejumo, M.O. Durojaiye, O.M. Adegbala, T.O. Ajayi, V. Namana, J.X. Moore, L. Wolf, G. Hollander, E. Lichstein
Maimonides Medical Center, Brooklyn, NY, USA

ASSOCIATION OF SERUM FERRITIN WITH CARDIOVASCULAR DISEASE INCIDENCE AMONG AFRICAN AMERICANS: A JACKSON HEART STUDY
Atlanta Morehouse School of Med, GA, USA

COST EFFECTIVENESS ANALYSIS OF CHINESE GOVERNMENT INITIATIVE OF DYSLIPIDEMIA INTERVENTIONS IN DEVELOPED COMMUNITY CLINICAL PRACTICE
J Xu, W Ni, Z Zhuo, W Yu, Y Liu, R Shi, W Yu
Shenzhen Center for Chronic Disease Control, Shenzhen, Guangdong, China

SOCIAL SUPPORT VERSUS ISOLATION: RELATION TO GLOBAL CARDIOVASCULAR HEALTH
S.R. Behforooz, C.K. Kieu, N.D. Wong
University of California, Irvine, CA, USA

METABOLIC COMPLICATIONS OF LOW PROTEIN MEDIUM FAT AND HIGH SUCROSE DIET IN SPRAGUE DAWLEY RATS
P. Singh, R.K. Boparai, M. Bishnoi, K. Chopra, K.K. Kondepudi
National Agri-Food Biotechnology Institute (NABI), S.A.S. Nagar, Punjab, India

CARDIORESPIRATORY FITNESS ATTENUATES THE RISK OF CONGESTIVE HEART FAILURE IN HYPERTENSIVES
P. Kokkinos, P. Narayan, F. Mordini, J. Myers, A. Ahmed, C. Faselis
Veterans Affairs Medical Center, Washington, DC, USA

A FEASIBILITY STUDY ON 10-YEAR CVD RISK ASSESSMENT AS A SECONDARY PREVENTION TOOL FOR CARDIOVASCULAR DISEASE
R. Shi, Y. Lan, W. Yu
Pfizer, China

THE ASSOCIATION OF SERUM URIC ACID WITH COMPONENTS OF LIPID PROFILE AMONG FILIPINO ADULT PATIENTS UNDERGOING A GENERAL MEDICAL EVALUATION IN A PRIVATE TERTIARY HOSPITAL IN PASAY CITY PHILIPPINES
A.G. Tojino, M.O. Matulac, G.M. Obrado, I.T. Rivera-Go
Adventist Medical Center Manila, Pasay City, Philippines
S26  CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT  (cont.)

EFFICACY OF A BEHAVIORAL INTERVENTION PROGRAM AND IMPROVING MEASURES OF STRESS ON REDUCTION OF THORACIC AND EPICARDIAL FAT
A. Eisenberg, W. Fan, D. Dey, H.C. Eisenberg, J. Cecere, N.D. Wong
Re-Engineering Healthcare, The RENEW Program, Laguna Beach, CA, USA

THE ROLE OF THE CARDIOLOGIST IN THE PREOPERATIVE EVALUATION OF THE BARIATRIC SURGERY PATIENT
L.A. Bucklew, E.A. Bucklew, L. Peluso
University of Pittsburgh Medical Center (UPMC), Pittsburgh, PA, USA

PRESENCE OF ABNORMAL FINDINGS WITHIN PRE-PARTICIPATION CARDIOVASCULAR SCREENING
J. Freitas, R. Andrade, R. Pereira, O. Costa, J. Espregueira-Mendes
Faculdade de Medicina da Universidade do Porto and Clinica Espregueira Mendes, Portugal

PREVALENCE OF ASYMPTOMATIC PERIPHERAL ARTERIAL DISEASE BY ANKLE BRACHIAL INDEX AND ITS CORRELATION TO ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (ASCVD) RISK ESTIMATE AMONG PATIENTS IN A PRIVATE TERTIARY HOSPITAL IN PASAY CITY, PHILIPPINES: A PROSPECTIVE ANALYTICAL STUDY
A.V. Dela Cruz, G.M. Obrado, M.O. Matulac
Adventist Medical Center Manila. Pasay City, Philippines

LOCATION OF RESIDENCE OR SOCIAL CLASS, WHICH IS THE STRONGER DETERMINANT ASSOCIATED WITH CARDIOVASCULAR RISK FACTORS AMONG PAKISTANI POPULATION? A CROSS SECTIONAL STUDY
Z.I. Arain
Isra University Hospital Hyderabad, Pakistan

MAKING THE DECISION TO QUIT SMOKING: IMPACT OF INTERACTIVE AND EDUCATIONAL VIDEO APPLIED IN POPULATION WITH MULTIMORBIDITIES
Public University of Juiz de Fora, Juiz de Fora, Minas Gerais, Brazil
S27 ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT

NON-CULPRIT VESSEL OBSTRUCTIVE LESIONS IN PATIENTS WITH ANTERIOR ST ELEVATION MYOCARDIAL INFARCTION AND INFERIOR ST DEPRESSIONS
T.J. Breen, P. Fisher, M. Torosoff, A. Nappi
Albany Medical College, Albany, NY, USA

WOMEN FAIL TO RECOGNIZE SYMPTOMS OF MYOCARDIAL INFARCTION LEADING TO DELAYS IN HOSPITAL PRESENTATION
E. Wilson, J.P. Cordova, C.P. Bavishi, J. Tamis-Holland
Mount Sinai St. Luke’s and Mount Sinai West Hospitals, Icahn School of Medicine at Mount Sinai, New York, NY, USA

TYPE II MYOCARDIAL INFARCTION AND THE RISK OF READMISSION
Aurora Health Care, Milwaukee, WI, USA

THE HIGH-DEGREE ATRIOVENTRICULAR BLOCK REMAINS A SEVERE PROGNOSTIC MARKER IN THE PRIMARY PERCUTANEOUS CORONARY INTERVENTION ERA, THE NEXT STEP
P. Dobes
Glenfield Hospital, University Hospitals of Leicester NHS Trust, Leicester, UK

ONE-YEAR MORTALITY IN TYPE 2 MI: PATIENT CHARACTERISTICS FROM A LARGE CLINICAL SERIES
Aurora Health Care, Milwaukee, WI, USA

ACUTE MYOCARDIAL INFARCTION AND CHRONIC TOTAL OCCLUSIONS: A NOT SO INNOCENT SILENT GUEST
J.M. Telayna, R.A. Costantini, J.M.(h) Telayna
Hospital Universitario Austral, Pilar, Buenos Aires, Argentina

VARIATIONS IN CARDIAC CATHETERIZATION PROCEDURE IN ST-ELEVATION MYOCARDIAL INFARCTION
University of Tennessee Health Science Center, Memphis, TN, USA

POSTCONDITIONING WITH LACTATE-ENRICHED BLOOD FOR CARDIOPROTECTION IN HUMANS
Saitama Municipal Hospital, Saitama City, Saitama, Japan
S27 ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT (cont.)

STRESS-INDUCED THROMBUS: ROLE OF ANTICOAGULATION IN TAKOTSUBO CARDIOMYOPATHY
**M.R. Heckle**, C.W. McCoy, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

STEMI IN A PATIENT WITH HIV ASSOCIATED CORONARY ARTERY DISEASE
**A.A. Khan**, A. Hannan, N.A. Khan, I. Arif, S. Masood
East Tennessee State University, Johnson City, TN, USA

BEE STING: A RARE CAUSE OF CARDIOMYOPATHY
**S. Mishra**, A. Mishra, J.P. Mishra
Thomas Jefferson University, Philadelphia, PA, USA
S28  Session
ARRHYTHMIA II: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

A NOVEL RYR2 P.R420W MUTATION CAUSING SUDDEN CARDIAC DEATH IN FAMILIES WITH CPVT
O.A. Abdel-Razek, A. Collier, F. Curtis, S. Predham, A. Bullen, J. Houston, S. Stuckless, S. Connors, T.L. Young, K.L. Hodgkinson
Memorial University, St. John’s, Newfoundland and Labrador, Canada

OUTCOMES IN QUADRIPOlar VS BIPOlar LEFT VENTRICULAR LEADS IN CARDIAC RESYNCHRONIZATION THERAPY (CRT): A META-ANALYSIS OF SEVEN STUDIES

TRENDS IN AUTOMATIC IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR DEVICE IMPLANTATION IN THE UNITED STATES FROM 2004-2011
East Tennessee State University, TN, USA

BETTER THAN YOU THINK: APPROPRIATE USE OF IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS AT A SINGLE ACADEMIC CENTER
N. Shah, S. Ross, S. Noutong Njapo, J. Merritt, A. Kolarich, M. Kaufmann, T. Burkart, W. Miles, D. Winchester, M. McKillop
University of Florida Health, Gainesville, FL, USA

SUDDEN CARDIAC DEATH (SCD) AND SUDDEN UNEXPLAINED DEATH (SUD) IN NEWFOUNDLAND AND LABRADOR: A 10 YEAR RETROSPECTIVE STUDY
Memorial University, St. John’s, NL, Canada

STAPLING FOR WOUND DEHISCENCE AFTER CARDIAC IMPLANTABLE ELECTRONIC DEVICE IMPLANTATION
O. Paydak, N.V. Pothineni, P. Card, A. Sewani
University of Arkansas for Medical Sciences, Little Rock, AR, USA

2 CASES OF PACemaker DERMATITIS INDUCED BY BACKPACK STRAP FRICTION
Tokyo University, Tokyo, Japan

K.S. Suarez, S.M. Mehta, S.A. Zamin, J.E. Banchs
Scott and White Medical Center, Temple, TX, USA

TORSADES DE POINTES IN THE SETTING OF IVABRADINE
E.N. Dreesens, T.M. Ratajczak, A.A. El-Moghraby, A. Wase
Wright State University Department of Internal Medicine, Dayton, OH, USA
S28  ARRHYTHMIA II: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY (cont.)

RECURRENT CONTACT DERMATITIS SECONDARY TO ADHESIVE TAPE AND DERMABOND USE AFTER PACEMAKER PROCEDURE

P. Card, A. Shanbhag, J. Guthrie, L. Gao, H. Paydak
University of Arkansas for Medical Sciences, Little Rock, AR, USA

VENTRICULAR FIBRILLATION STORM: AN UNCOMMON PRESENTATION OF IDIOPATHIC HEART BLOCK

O.E. Egbuche, D. Adedinsewo, P. Agasthi, A. Onwuanyi
Morehouse School of Medicine, Atlanta, Georgia, USA
PL14  Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2017: HOW CAN WE DO BETTER?

DIASTOLIC HEART FAILURE AND ATRIAL FIBRILLATION, THE TWIN-EVIL EPIDEMIC IN THE ELDERLY  (Invited Lecture)
St. Louis University Medical School, St. Louis, Missouri, USA

BLOOD UREA NITROGEN REFLECTS THE COMPLEXITY OF CARDIORENAL INTERACTIONS IN HEART FAILURE  (Invited Lecture)
A. Kazory
University of Florida, Gainesville, FL, USA

THE COST-EFFECTIVENESS OF NEW INTERVENTIONS FOR HEART FAILURE  (Invited Lecture)
P.A. Heidenreich
Palo Alto VA Health Care System, Stanford University, Palo Alto, CA, USA

STATIN MODIFIES THE ASSOCIATION OF FISH CONSUMPTION WITH RISK OF HEART FAILURE: THE PHYSICIANS’ HEALTH STUDY  (Invited Lecture)
L. Djousse, J.M. Gaziano
Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

THERAPY OF HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY  (Invited Lecture)
J. Veselka
Motol University Hospital, 2nd Medical School, Charles University, Prague

KETOGENIC SIGNALING AND BDH1 AS EARLY BIOMARKERS OF DCM  (Invited Lecture)
B. Tuana
University of Ottawa, ON, Canada

SEX DIFFERENCES IN BIOMARKERS OF HEART FAILURE  (Invited Lecture)
Mayo Clinic, Jacksonville, FL, USA

DIFFERENTIAL ROLES OF MITOPHAGY IN THE HEART UNDER FASTING AND DIABETIC CONDITIONS  (Invited Lecture)
New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

IMPROVEMENTS IN BIVENTRICULAR CARDIAC MECHANICS NOTED IN PATIENTS WITH AL AMYLOIDOSIS AFTER STEM CELL TRANSPLANTATION  (Invited Lecture)
C.S. Purtell, E. Scott*, S. Heitner
Oregon Health and Science University, Portland, OR, USA
PL14  Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2017: HOW CAN WE DO BETTER? (Cont.)

PSYCHIATRIC DISORDERS ARE LINKED TO HIGHER IN-HOSPITAL MORTALITY IN PATIENTS WITH TAKOTSUBO CARDIOMYOPATHY
S. Stroud, C. Gaefke, J. Sargeant, P. Suryanarayana, A. Abidov
University of Arizona, Tucson, AZ, USA
PL15  Plenary Session

ATHEROSCLEROSIS: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS, PROGNOSIS AND TREATMENT

NUTRACEUTICALS IN THE PREVENTION AND TREATMENT OF AthEROSCLEROSIS (Invited Lecture)
H. Gallagher, J.W.E. Moss, J. Williams, T.S. Davies, W. Al-Ahmadi, V. O’Morain, D.P. Ramji, Cardiff University, Cardiff, UK

THE SPASMOCENIC ACTION OF THE PROTEASOME INHIBITOR CARFILZOMIB ON ARTERIAL AND VENOUS CONDUITS FROM PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY IS ACCENTUATED BY PREEXISTING TYPE II DIABETES (Invited Lecture)
T.M. Scarabelli
Pauley Heart Center, Virginia Commonwealth University (VCU), Richmond, Virginia, USA

EPIGENETIC REGULATION OF ACUTE CORONARY SYNDROMES (Invited Lecture)
L.M. Biasucci, G. La Rosa, M.C. Grimaldi, C. Mandolini, F. Crea
Catholic University of the Sacred Heart, Rome, Italy

LOW SERUM LEVELS OF SOLUBLE RECEPTOR FOR ADVANCED GLYCATION END PRODUCTS IS NOT AN UNIVERSAL BIOMARKER FOR CARDIOVASCULAR DISEASE (Invited Lecture)
K. Prasad, University of Saskatchewan, Saskatoon, SK, Canada

INTERVENTIONS FOR STROKE PREVENTION: WHAT IS A CARDIOLOGIST TO DO? (Invited Lecture)
J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, Arkansas, USA

NOVEL MECHANISM OF EXERCISE-INDUCED CARDIOVASCULAR PROTECTION: ROLE OF EXOSOMES (Invited Lecture)
Z. Hou, G. Li, X. Qin, F. Gao
The Fourth Military Medical University, Xi’an, China

TARGETED THERAPEUTIC STRATEGY IN HIGH-RISK PLQUE (Invited Lecture)
J.W. Kim
Korea University Guro Hospital, Seoul, Republic of Korea

IMPACT OF REACTIVE OXYGEN SPECIES ON CORONARY ATHROSCLEROSIS (Invited Lecture)
M. Terashima
Toyohashi Heart Center, Toyohashi, Aichi, JAPAN

IMMUNOLOGICAL CONCEPTS DRIVING ATHROSCLEROTIC PLAQUE REGRESSION (Invited Lecture)
F. Dierick, V. Michaud, T. Ebrahimian, S. Lehoux
McGill University, Montreal QC, Canada
PL15  Plenary Session
ATHEROSCLEROSIS: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS, PROGNOSIS AND TREATMENT (cont.)

CHITOTRIOSIDASE AS A NON-LIPID MARKER OF ATEROSCLEROSIS AND PROGNOSTIC FACTOR IN CARDIOVASCULAR EVENTS (Invited Lecture)
T.A. Korolenko, M.S. Cherkanova, N.V. Goncharova, A.B. Shintyapina, G.S. Russkikh, Ts.P Korolenko
Institute of Physiology and Basic Medicine, Novosibirsk, Russia

NEW INSIGHTS INTO MYOCARDIAL ISCHEMIA/REPERFUSION INJURY --- HOW TO DAMPEN A RAGE-ING HEART (Invited Lecture)
Z. Yang
University of Virginia, Charlottesville, VA, USA
08:30

S29  Session
ADVANCES IN INTERVENTIONAL CARDIOLOGY

EFFECT OF BASELINE REGIONAL WALL MOTION ABNORMALITIES ON CORONARY FRACTIONAL FLOW RESERVE
T.A. Ahmad, I. Gilchrist, A. Basit, E.H. Campoverde, S.M. Bokhari, M. Kozak
Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

META-ANALYSIS COMPARING BIORESORBABLE VS. DRUG-ELUTING STENTS
N. King, C. Wood, N.A. Smart, Plymouth University, Plymouth, Devon, UK

ROUTINE ANGIOGRAPHIC FOLLOW-UP VERSUS ROUTINE CLINICAL FOLLOW-UP AFTER PCI: META-ANALYSIS OF RANDOMIZED CONTROLLED CLINICAL TRIALS
K. Shaikh, P. Sethi, N. Rajpurohit, M. Gedela, A. Stys
Sanford Heart Hospital University of South Dakota, SD, USA

PERCUTANEOUS CORONARY INTERVENTION OUTCOMES IN PATIENTS WITH PRE-PROCEDURAL THROMBOCYTOPENIA
East Tennessee State University, Johnson City, TN, USA

USE OF CHEST X-RAY TO PREDICT PRESENCE OF TORTUOUS RIGHT BRACHIOCEPHALIC ARTERY PRIOR TO RIGHT RADIAL ACCESS FOR CARDIAC CATHETERIZATION PROCEDURES; A RETROSPECTIVE STUDY
S. Salem, N. Garg, R.N. Khouzam, R. Kedzierski, A. Sharma; D. Uppal
University of Tennessee Health Science Center, Memphis, TN, USA

SHOULD WE STILL DOUBT TRANSRADIAL ACCESS IN STEMI?
J.M. Telayna, R.A. Costantini, J.M. Telayna (h)
Hospital Universitario Austral, Buenos Aires, Argentina

SHORTER AND SHORTER DOOR-TO- BALLOON TIME FOR STEMI: SHOULD THERE BE A MINIMUM LIMIT?
T. Bob-Manuel, S. Askandar, P. Singh, M.R. Heckle, R.N Khouzam
University of Tennessee Health Science Center, Memphis, Tennessee, USA

INTRAMURAL HEMATOMAS, RECURRENT ST ELEVATION MYOCARDIAL INFARCTIONS, AND THE INSPIRATION FROM MARY POPPINS “THE CHIMNEY SWEEP TECHNIQUE”
M.S. Khan, S. Kelly, S. Li, M.R. Sheikh, T. Stys, A. Stys
University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

STRATEGIES FOR IMPROVING DOOR-TO-ECG TIME IN ACUTE CORONARY SYNDROME PATIENTS: BUMRUNGRAD INTERNATIONAL HOSPITAL
P. Bunleng, W. Raumsuk, T. Jaiglar, H. Wanilmrat, S. Kawviset, A. Srikachot, A. Rimsakorn
Bumrungrad International Hospital, Bangkok, Thailand
S29  Session
ADVANCES IN INTERVENTIONAL CARDIOLOGY (cont.)

1145  SUBCLAVIAN ARTERY STENOSIS WITH INTERNAL MAMMARY ARTERY OCCLUSION AND MULTI-VESSEL OSTIAL STENOSES
K.A. Samtani, T.T. Aung, G.J. Fishbein
Wright State University, Dayton, OH, USA
CLINICAL AND ECHOCARDIOGRAPHIC PREDICTORS OF ARRHYTHMIAS DETECTED WITH 24-HOUR HOLTER ELECTROCARDIOGRAPHY AMONG HYPERTENSIVE HEART FAILURE PATIENTS IN NIGERIA

Metropolitan Hospital Center, New York, NY, USA

RAAS BLOCKADE INDUCED HYPERKALEMIA IN HEART FAILURE PATIENTS: ARE WE MAKING A MOUNTAIN OUT OF AN ANTHILL?

A. Koratala, A. Kazory, University of Florida, Gainesville, FL, USA

ANEMIA-RELATED HIGH OUTPUT HEART FAILURE IN SICKLE CELL DISEASE (SCD)- DOES IT EXIST?

A.C. Atanda, O.I. Atanda, Y. Aliyu, A. Babadoko, A. Suleiman, A. Mamman, Z.Y. Aliyu
Howard University Hospital, Washington DC, USA

DECREASED CIRCULATING LEVEL OF MIR-206 ASSOCIATES WITH THE SEVERITY OF PULMONARY HYPERTENSION IN PATIENTS WITH LEFT HEART DISEASES

Xinqiao Hospital, Third Military Medical University, Chongqing, China

A SPECIALTY SPECIFIC CARDIOLOGY CARE TEAM MODEL IN A PATIENT-CENTERED MEDICAL HOME SETTING IMPROVES EFFICIENCY, ACCESS, QUALITY AND PRODUCTIVITY IN A MULTI-SPECIALTY INTEGRATED HEALTHCARE DELIVERY SYSTEM

A. Thakore, V. Malhotra
AdvantageCare Physicians, New York, NY, USA

EFFECT OF BETA-BLOCKER THERAPY ON READMISSIONS AND MORTALITY IN HEART FAILURE PATIENTS WITH ONGOING COCAINE USE

Morehouse School of Medicine, Atlanta, Georgia, USA

EFFECTIVENESS OF IMPLEMENTATION INTERVENTIONS IN IMPROVING PHYSICIAN ADHERENCE TO GUIDELINE RECOMMENDATIONS IN HEART FAILURE: A SYSTEMATIC REVIEW

Bachelor of Health Sciences Program, McMaster University, Hamilton, ON, Canada

ATRIAL FLUTTER IN A YOUNG WOMAN WITH DANON DISEASE

N.Y. Tan, S. Kapa, S.J. Asirvatham
Mayo Clinic, Rochester, MN, USA
CANCER AND TAKOTSUBO CARDIOMYOPATHY – IS THERE A CONNECTION?
J. Penalver, K. Lo, N. Sirinvaravong, D. Brito, G. Eiger
Einstein Medical Center, Philadelphia, PA, USA

CARDIOMYOPATHY RELATED TO A WEIGHT LOSS SUPPLEMENT
G. Murtaza, S. Adhikari, UIC/Advocate Christ Medical Center, Oak Lawn, IL, USA

CHRONIC KIDNEY DISEASE AMONG PATIENTS WITH MULTIPLE CHRONIC CONDITIONS
Public University of Juiz de Fora, Juiz de Fora, Minas Gerais, Brazil

FULMINANT MYOCARDITIS CAUSED BY INFLUENZA A/H3
A. Quddus, R. Aurshiya, S. Pakniyat, A. Bajwa, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA
SUNDAY, JULY 16, 2017

11:00 Hall B

S31 Session

NEW CONCEPTS IN THE PATHOGENESIS, DETECTION AND TREATMENT OF CARDIOVASCULAR DISEASES

OXIDIZED LDL INDUCED DENDRITIC CELL MATURATION AND T CELL ACTIVATION --- A NOVEL IMMUNOLOGICAL ROLE OF PCSK9
A. Liu, J. Frostegard
Karolinska Institutet, Stockholm, Sweden

SEX DIFFERENCES IN THE EFFECT OF VITAMIN D ON INFLAMMATORY HEART DISEASE: PROTECTIVE IN WOMEN BUT DAMAGING IN MEN
K.A. Bruno, L.T. Cooper, J.E. Mathews, E.J. Douglass, J.E. Brandt, A. Bucek, M.J. Coronado, D. Fairweather
Mayo Clinic, Jacksonville, FL, USA

SERUM LEVEL OF DHA IS INDEPENDENTLY ASSOCIATED WITH CORONARY ARTERY DISEASE IN CHINESE ELDERLY POPULATION
Peking University First Hospital, Beijing, People’s Republic of China

EFFECT OF CANRENONE ADDED ON TOP OF MAXIMUM TOLERATED DOSE OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS/ANGIOTENSIN II TYPE 1 RECEPTOR BLOCKERS PLUS HYDROCHLOROTHIAZIDE AS ASSESSED BY 24-H AMBULATORY BLOOD PRESSURE MONITORING IN UNCONTROLLED HYPERTENSIVE PATIENTS
G.V. Gaudio, G. De Rosa, A. Lupi, A. Davino, C. Sala, A. Mugellini, V. Vulpis, S. Felis, M. Vanasia, L. Guasti
G. Gaudio, on behalf of the ESCAPE-IT Trial Investigators group
Asst Valle Olona, Somma Lombardo, Italy

RANOLAZINE AFTER NOVEL TREATMENT FOR ERBB2 POSITIVE BREAST CANCER (TDM1) PREVENTS CARDIOTOXICITY IN VITRO AND IN VIVO
Istituto Nazionale per lo Studio e la Cura dei Tumori Fondazione Giovanni Pascale- IRCCS, Naples, Italy

AGONIST-INDEPENDENT CARDIAC BETA-ADRENERGIC RECEPTOR DESENSITIZATION BY PRO-INFLAMMATORY CYTOKINE TNFALPHA
S. Mukherjee, M.L. Maradumane, S.V. Naga Prasad
Cleveland Clinic, Cleveland, OH, USA

ULTRASOUND BIOMICROSCOPY VALIDATION OF A NOVEL MODEL OF CARDIAC HYPERTROPHIC PRECONDITIONING IN MICE: COMPARISON WITH HEMODYNAMIC ASSESSMENT
J. Wu, J.Y. Huang, S.J. Wang, J.Y. You, Y. Ye, Z.W. Ding, F.H. Yang, P.H. Backx, J.B. Ge, Y.Z. Zou
Zhongshan Hospital and Institutes of Biomedical Sciences, Fudan University, Shanghai, China
S31 NEW CONCEPTS IN THE PATHOGENESIS, DETECTION AND TREATMENT OF CARDIOVASCULAR DISEASES (cont.)

INVESTIGATION OF ANTIHYPERTENSIVE ACTIVITY OF AN AQUEOUS EXTRACT OF ANOGEISSUS LEIOCARPUS (DC) GUILL ET PERR BARK OF TRUNK IN L-NAME-INDUCED HYPERTENSIVE RATS
Research Institute for Health Sciences (IRSS), Ouagadougou, Burkina Faso

TISSUE-ENGINEERED HEART VALVES WITH THE AUTOASSEMBLY METHOD
Faculty of Sciences and Engineering, Laval University, Quebec, QC, Canada

CYSTATIN C IN ACUTE LIPEMIA IN MICE PRETREATED BY ATORVASTATIN OR/AND FENOFIBRATE
M.M. Gevorgyan, N.P. Voronina, G.S. Russkikh, E. Korolenko, N.V. Goncharova,
T.A. Korolenko
Institute of Physiology and Basic Medicine, Novosibirsk, Russia
LONG-TERM OUTCOME FOR THE ROSS PROCEDURE VERSUS ALLOGRAFT AORTIC VALVE REPLACEMENT IN THE YOUNG ADULT
F. Nappi, M. Fittipaldi, C. Spadaccio, M. Chello, A. Acar
Cardiac Surgery Centre Cardiologique du Nord de Saint-Denis, Paris, France

TRANSAPICAL AORTIC VALVE IMPLANTATION UTILIZING THE J-VALVE IN PATIENTS WITH AORTIC REGURGITATION: A ONE-YEAR RESULTS OF THE MULTI-CENTRE STUDY
State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, Beijing, China

ASSESSMENT OF MITRAL VALVE AREA IN CALCIFIC DEGENERATIVE MITRAL STENOSIS
R. Ranjan, G.S. Pressman
Einstein Medical Center, Philadelphia, PA, USA

VALUE OF 3D PRINTED LEFT ATRIAL APPENDIX TO PREDICT PERI-PROSTHETICS LEAKS AND TO GUIDE DEVICE OPTIMAL POSITION IN PERCUTANEOUS LEFT ATRIAL APPENDAGE OCCLUSION
V. Ciobotaru, N. Combes, P. Pujadas
Clinic Les Franciscaines, Nimes, France, Clinic Pasteur, Toulouse, France

SUCCESSFUL PERCUTANEOUS MITRAL VALVE REPAIR IN SETTING OF PRIOR ANNULOPLASTY
A. Quddus, S. Olenchock, R. Durkin, C. Sarnoski, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

PRELIMINARY SHORT-TERM RESULTS OF A POPULATION OF PATIENTS TREATED WITH MIRACLIP THERAPY: ONE CENTER EXPERIENCE
R. Taravella, M. G. Cellura, G. Cirrincione, S. Asciutto, M. Caruso, M. Benedetto, R. Ciofalo, G. Pace, S. Novo
Arnas Civico Cardiology Utic, Division of Interventional Cardiology., Palermo, Italy

RHEUMATIC MITRAL STENOSIS: WHO NEEDS INTERVENTION?
D.R. Elremisy, M.H. Samaan, R.H. Diab, W.M. Elnaggar, G.S. Sayed
Cairo University, Cairo, Egypt

DIVERSE LAYOUT OF MULTI-HOLE SECUNDUM ATRIAL SEPTAL DEFECT AND DEVICE OCCLUSION USING DIFFERENT PERATRIAL TECHNIQUES
Shandong Provincial Hospital Affiliated to Shandong University, Jinan, Shandong, P.R. China

MITRAL VALVE POSTERIOR LEAFLET ANEURYSM RESULTING FROM INFECTIVE ENDOCARDITIS: “A HEART INSIDE THE HEART”
East Tennessee State University, Johnson City, Tennessee, USA
PULMONARY VEIN STENOSIS TREATED WITH PERCUTANEOUS STENT FOLLOWING SINGLE LUNG TRANSPLANTATION

V. Ahmed, Y. Jobanputra, A. Mehta, S. Kapadia
Cleveland Clinic, Cleveland, OH, USA

THE ASSOCIATION BETWEEN BICUSPID AORTIC VALVE PHENOTYPE, AORTIC VALVE LESION TYPE AND AORTIC CONFIGURATION

F. Li, Z.P. Huang, X.S. Ren
Peking Union Medical College, Beijing, China

RHEUMATIC HEART DISEASE IN SICKLE CELL DISEASE IN SUB-SAHARAN AFRICA

A.C. Atanda, Y. Aliyu, O.I. Atanda, A. Babadoko, A. Suleiman, A. Mamman, Z.Y. Aliyu
Howard University Hospital, Washington DC, USA

DIABETES AND HYPERTENSION ARE INDEPENDENT RISK FACTORS FOR THE PRESENCE OF AORTIC VALVE DISEASE

M.R. Movahed, M. Hashemzadeh, M. Hashemzadeh
University of Arizona, Tucson, AZ, USA
P301  MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

SILENCING OF CSF1R AND CSF1 IN MYELOID CELLS AMELIORATES EXPERIMENTAL AUTOIMMUNE MYOCARDITIS
University of Heidelberg, Heidelberg, Germany

ADIPOCYTE CELL SHEETS REDUCE MACROPHAGE PHENOTYPE 1 CELLS' INFILTRATION DURING THE REMODELING PROCESS OF XENOGENEIC SCAFFOLDS IN VIVO
Y. Tong, Q. Wang, F. Fan, G. Fan
Fuwai Hospital, National Center for Cardiovascular Diseases, Beijing, China

SPI-B PLAYS A PROTECTIVE ROLE IN PRESSURE OVERLOAD-INDUCED HEART FAILURE THROUGH ATTENUATION OF CARDIAC INFLAMMATION
Wakayama Medical University, Wakayama, Japan

MANGIFERIN PROTECTS AGAINST MYOCARDIAL INSULTS THROUGH MODULATION OF MAPK PATHWAY
P. Bhargava, K. Suchal, S. Malik, J. Bhatia, D.S. Arya
All India Institute of Medical Sciences, India

HUMAN CARDIOMYOCYTES EXPRESS KLOTHO WHICH DECREASES IN PATIENTS WITH HIGH CARDIOVASCULAR RISK
G. Corsetti, C. Romano, E. Pasini, H Patel, L Saravolatz, C. Chen-Scarabelli, T. Scarabelli, F. Dioguardi
St. John Hospital and Medical Center, Wayne State University Medical School, Detroit, Michigan, and Virginia Commonwealth University (VCU) Medical Center. Richmond, Virginia

KAEMPFEROL PROTECTS AGAINST MYOCARDIAL ISCHEMIA-REPERFUSION INJURY IN RATS BY REGULATION OF MAPK/NF kappa b PATHWAYS
K. Suchal, S. Malik, P. Bhargava, D.S. Arya
AIIMS, New Delhi, India

RESTORATION OF AUTOPHAGY ACTIVITY IN HIGH GLUCOSE INDUCED CARDIOMYOCYTE BY MESENCHYMAL STEM CELL THERAPY
China Medical University, Taichung, Taiwan

MICRORNA-210 MEDIATES PKCδ-DEPENDENT UPREGULATION OF JNK TO CAUSE CARDIAC MITOCHONDRIAL DAMAGE AND APOPTOSIS FOLLOWING ADVANCED GLYCATION END-PRODUCTS EXPOSURE
W.W.K. Kuo, C.Y.H. Huang
China Medical University, Taichung, Taiwan
P21-ACTIVATED KINASE 1 IS NECESSARY FOR AN EFFICIENT AUTOPHAGY
K. Tin, Y. Huang, S. Kobayashi, Q. Liang
New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

ANTIPLATELET DRUG RESISTANCE IN PERCUTANEOUS CORONARY INTERVENTION PATIENTS?
S.A. Sadath, S.R. Sheetal Rajan, M. Mustafa, M. Shaloob
Metro International Cardiac Centre, Calicut, Kerala, India

ANTIOXIDANT EFFECT OF ELTACIN IN THERAPY OF PATIENTS WITH ISCHEMIC HEART DISEASE
E.V. Kalinina, R.M. Zaslavskaya, Y.R. Nartsissov
RUDN University, Moscow, Russia
P302  LIPIDS, OBESITY, METABOLIC SYNDROME AND DIABETES

RELATION BETWEEN SECONDHAND SMOKE EXPOSURE AND CARDIOVASCULAR RISK FACTORS IN NEVER SMOKERS
T.J. Youn, S.H. Kang, D.G. Park, K.J. Ahn
Seoul National University and Seoul National University Bundang Hospital, Seongnam, Korea

NONALCOHOLIC STEATOHEPATITIS DOES NOT INCREASE THE RISK OF ADVERSE CARDIAC OUTCOMES FOLLOWING LIVER TRANSPLANTATION
T. Othman, B. Kim, W.S. Schwartzman, H. Tun, M. Cao, T.L. Fong, H. VanHerle, D.M. Shavelle, A.J. Yoon
Keck Medical Center of the University of Southern California, Los Angeles, CA, USA

THE EFFECT OF GINGER SUPPLEMENTATION ON THE LIPID PROFILES, BLOOD GLUCOSE, QUALITY OF LIFE AND FUNCTIONAL CAPACITY IN PATIENTS WITH CORONARY ARTERY DISEASES
S.M.H. Adel, M. Alasvand, S. Alasvand, S. Yazdankhah, H. Babaahmadi-Rezaei, M. Noorizadehe
Ahvaz Jundishapur University of Medical Sciences, Khuzestan, Ahvaz, Iran

THE STUDY OF CHANGES OF MOLECULAR BIOMARKERS DURING DEVELOPMENT OF OBESITY USING NUTRIGENOMIC TOOLS
Y.B. Park, E-Y. Kwon, S.Y. Kim, R. Ryu, M-S. Choi
Kyungpook National University, San-Kyuk Dong Puk-Ku, Daegu, South Korea

ACUTE EFFECTS OF EXERCISE ON POST-PRANDIAL ACTIVITY OF Dipeptidyl Peptidase-4 IN TYPE 2 DIABETES MELLITUS
N.M. Sousa, L.R. Silva, F.C. Barros, M.Z. Fraga, B. Coelho, W.G. Silva Filho, V.G. Barauna
Laboratory of Exercise Physiology, Faculty of Estacio de Sa, Vitoria, ES, Brazil

STRICT CONTROL OF DIABETES MELLITUS MAY NOT PREVENT ARTERIOSCLEROSIS
Tokyo University Hospital, Tokyo, Japan

CTRP1 INHIBITS HYPERGLYCEMIA IN DIO MODEL
S. Han, Y. Yang
Sookmyung Women’s University, Seoul, South Korea

AUTONOMIC DYSFUNCTION IN EXTREME OBESITY
E. Zawadzka-Bartczak
Military Institute of Aviation Medicine, Warsaw, Poland

ATHEROGENIC INDICES CAN BE USEFUL TOOL TO IDENTIFY HIGH CARDIOVASCULAR RISK
S. Opris, G. Constantin
“Ana Aslan” National Institute of Gerontology and Geriatrics, Bucharest, Romania
P302  LIPIDS, OBESITY, METABOLIC SYNDROME AND DIABETES  (cont.)

CORRELATION OF LIPID PROFILE AND LIPOPROTEIN RATIOS WITH ANGIOGRAPHICALLY SIGNIFICANT CORONARY ARTERY DISEASE: A RETROSPECTIVE DESCRIPTIVE STUDY
F.J. Navarro, R.E. Ramboyong
The Medical City, Pasig City, Philippines
P303  HEART DISEASE IN WOMEN

DIFFERENTIAL GENDER BASED DIAGNOSTIC TESTING AND PREVALENCE OF CARDIOVASCULAR DISEASE, A COHORT ANALYSIS OF VETRANS ADMINISTRATION REGISTRY DATA
S. Madireddy, R.R. Arora
Chicago Medical School at Rosalind Franklin University of Medicine and Science, North Chicago, IL, USA

CARDIOVASCULAR RISK PREDICTORS AMONG BLACK AND AFRICAN AMERICAN WOMEN: A PRELIMINARY ANALYSIS OF THE P4 STUDY
O.E. Egbuche, M. Hall, E. Alemah-Mensah, F. Ojutalayo, B. Lankford, P. Igho-Pemu, E. Ofili
Morehouse School of Medicine, Atlanta, Georgia, USA

SEX AND GENDER ISSUES IN CARDIOTOXICITY: ARE WE READY FOR GYNECARDIO-ONCOLOGY?
G. Gallucci, A.M.L. Capobianco, R. Gallicchio, G. Storto
Clinical Governance Department IRCCS-CROB Referral Cancer Center of Basilicata, Rionero in Vulture (Pz), Italy

INITIAL EVALUATION OF THE MULTIMORBIDITIES AND THE FEMININE UNIVERSE: TO KNOW TO BETTER CARE
M.R.S. Fonseca, T.P. Terror, G.L. Passos, L.V. Santos, M.S. Carvalho, A.G.S Galil
Public University of Juiz de Fora, Juiz de Fora, Minas Gerais, Brasil
**P304 ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES**

**EFFECT OF BASELINE SYMPTOMS OF ANGINA ON CORONARY FRACTIONAL FLOW RESERVE**
T.A. Ahmad, I. Gilchrist, A. Basit, E.H. Campoverde, S.M. Bokhari, M Kozak
Penn State Milton S. Hershey Medical Center, Hershey, PA, USA
University of British Columbia, Vancouver, BC, Canada

**PROCEDURAL EFFICACY OF FEMORAL VS RADIAL IN PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS PRESENTING WITH STEMI**
J. Yee, V. Kumar, S. Li, J. Higgins, J. Stys, A. Pham, P.A. Thompson, M. Petrasco,
A. Stys, T. Stys
University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

**IMPACT OF HYPERURICEMIA ON THE CLINICAL OUTCOME AFTER PERCUTANEOUS CORONARY INTERVENTION FOR IN-STENT RESTENOSIS**
Korea University Anam Hospital, Seoul, South Korea

**SPONTANEOUS CORONARY ARTERY DISSECTION – A RETROSPECTIVE ANALYSIS OF 19676 CORONARY ANGIOGRAMS**
A. Panneerselvam, D. Basavanna, R. Ananthakrishna, P. Bhat, M.C. Nanjappa
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bengaluru, Karnataka, India

**SPONTANEOUS CORONARY ARTERY DISSECTION FOLLOWED BY IATROGENIC FEMORAL ARTERY DISSECTION IN A PATIENT WITH EHLERS-DANLOS SYNDROME**
M.C. Rodriguez Ziccardi, S. Sharma, R. Thomas, A.S. Ettore, R.F. Shepherd
Albert Einstein Medical Center, Philadelphia, PA, USA

**COULD RELYING TOO MUCH ON RADIAL APPROACH RISK LOOSING THE TRADITIONAL FEMORAL SKILLS?**
S. Salem, R. Khouzam
University of Tennessee Healthy Science Center, Memphis, TN, USA

**RADIAL ARTERY OCCLUSION AFTER CARDIAC CATHETERIZATION: SIGNIFICANCE, RISK FACTORS AND MANAGEMENT**
M. Nayyar, R. Khouzam, R. Goswami, C. Oliphant, H. Youssef, M. Morsy
UTHSC - Division of Cardiology - Fellow - University of Tennessee, Memphis TN, USA
P305  VALVULAR HEART DISEASE / TRANSCATHETER THERAPY

IMPROVEMENT OF CARDIAC SYMPATHETIC NERVOUS ACTIVITY AFTER TAVR EVALUATED BY USING 123I-MIBG SPECT
Y. Tokuda, N. Asakawa, K. Noguchi, K. Kamiya, K. Omote
Hokkaido University Graduate School of Medicine, Japan

TRICUSPID VALVE REPAIR VERSUS REPLACEMENT FOR VERY SEVERE FUNCTIONAL TRICUSPID REGURGITATION
D.H. Kang, J.Y. Jang, R. Heo, J.M. Song, K.J. Choi, J.H. Zo
Asan Medical Center, Seoul, Korea

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