



INTERNATIONAL
ACADEMY OF
CARDIOLOGY

INTERNATIONAL ACADEMY OF CARDIOLOGY

ANNUAL SCIENTIFIC SESSIONS 2018

23rd WORLD CONGRESS ON

HEART DISEASE

BOSTON, MA, USA, JULY 27-29, 2018

SCIENTIFIC PROGRAM

as at July 2, 2018

Changes to this program may still be made

FRIDAY, JULY 27, 2018

09:00 – 10:15

Hall A

OPENING CEREMONY

09:35 – 10:15

Hall A

OPENING LECTURE

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

11:00 – 13:00

Hall A

PL01 Plenary Session
CELLULAR AND MOLECULAR BIOLOGY TARGETS FOR CLINICAL CARE IN
CARDIOVASCULAR DISEASE

NANOMEDICAL STUDIES OF ENDOTHELIAL AGING IN THE CARDIOVASCULAR SYSTEM

(Invited Lecture)

T. Malinski, H. Dawoud, M. Osama

Ohio University, Athens, OH, USA

GENETIC DISRUPTION OF *NPR1* PLAYS A LEADING ROLE IN THE DEVELOPMENT OF
CARDIAC HYPERTROPHY AND HEART FAILURE (Invited Lecture)

K.N. Pandey

Tulane University Health Sciences Center, School of Medicine, New Orleans, LA, USA

FRIDAY, JULY 27, 2018

11:00 – 13:00

Hall A

PL01 Plenary Session
CELLULAR AND MOLECULAR BIOLOGY TARGETS FOR CLINICAL CARE IN
CARDIOVASCULAR DISEASE (continued)

PROTEOTOXICITY AND CARDIAC DISEASE (Invited Lecture)

J. Robbins

Cincinnati Children's Hospital/Univ. Cincinnati, Cincinnati, OH, USA

MOLECULAR MECHANISMS UNDERLYING THE ANTI-ATHEROGENIC ACTIONS OF
NUTRACEUTICALS (Invited Lecture)

J.W.E. Moss, J.O. Williams, H. Gallagher, W. Al-Ahmadi, A. Ismail, V. O'Morain, **D.P. Ramji**
Cardiff University, Cardiff, UK

PDE5 INHIBITION WITH SILDENAFIL ATTENUATES ALCOHOL-INDUCED CARDIAC
DYSFUNCTION IN OBESE DIABETIC MICE: ROLE OF MicroRNA 21 (Invited Lecture)

R.C. Kukreja, A. Samidurai, L. Xi, F. Salloum, A. Das
Virginia Commonwealth University, Richmond, VA, USA

T3 VERSUS METOPROLOL TREATMENT OF RATS WITH MYOCARDIAL INFARCTION - AND
THE WINNER IS? (Invited Lecture)

A.M. Gerdes, K. Zhang, Y. Zhang, K. Ojamaa, Y.-D. Tang
New York Institute of Technology, Old Westbury, NY, USA

CARDIAC TARGETING PEPTIDE; A NOVEL CARDIAC TARGETING PROTEIN
TRANSDUCTION DOMAIN (Invited Lecture)

M. Zahid

University of Pittsburgh, Pittsburgh, PA, USA

ANTIBODIES TO MALONDIALDEHYDE-ACETALDEHYDE (MAA) PROTEIN ADDUCT AS A
BIOMARKER FOR CARDIOVASCULAR MANIFESTATIONS IN SYSTEMIC LUPUS
ERYTHEMATOSUS (Invited Lecture)

K. Su, Y. Yu, T. Wang, P.D. Lopez, C. Tineo, G. Paulino, M. Heath-Holmes, E. Loyo
University of Nebraska Medical Center, Omaha, NE, USA

FRIDAY, JULY 27, 2018

11:00 – 13:00

Hall B

PL02 Plenary Session
INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING

CALCIUM SCORING - WHERE DO WE STAND IN 2018? (Invited Lecture)

J. Mahmarian

Weill Cornell Medical College, Houston Methodist Hospital, Houston, TX, USA.

BEYOND STENOSIS: PLAQUE AND ISCHEMIA ASSESSMENTS BY CORONARY CTA
(Invited Lecture)

D.S. Berman, Y. Otaki, J. Friedman, S. Hayes, L. Thomson, E. Eisenberg, A. Rozanski,
P. Slomka, D. Dey, B.K. Tamarappoo

Cedars-Sinai Medical Center, Los Angeles, CA, USA

NEXT GENERATION INTRAVASCULAR COMPOSITIONAL IMAGING ASSESSMENT OF THE
HIGH-RISK PLAQUE (Invited Lecture)

J.W. Kim

Korea University Guro Hospital, Seoul, Republic of Korea

NOVEL ULTRASOUND IMAGING STRATEGIES FOR ISCHEMIC HEART DISEASE
(Invited Lecture)

J.M. Gardin

Rutgers New Jersey Medical School, Newark, NJ, USA

OPTICAL COHERENCE TOMOGRAPHY FOR THE DETECTION OF VULNERABLE PLAQUE
(Invited Lecture)

T. Kubo

Wakayama Medical University, Wakayama, Japan

ADVANCES IN MYOCARDIAL RECEPTOR IMAGING WITH PET: THE ANGIOTENSIN AND
ENDOCANNABINOID SYSTEM (Invited Lecture)

T.H. Schindler, I. Valenta, P. Pacher

Washington University, Saint Louis, MO, USA

STRENGTHS AND WEAKNESSES OF EXERCISE ECHOCARDIOGRAPHY (Invited Lecture)

M. Prokudina

International Heart Center, St. Petersburg, Russian Federation

A FRAMEWORK FOR WEARABLE TECHNOLOGIES IN CARDIOLOGY (Invited Lecture)

I. Kedan

Cedars Sinai Smidt Heart Institute, Beverly Hills, CA, USA

FRIDAY, JULY 27, 2018

11:00 – 13:30

Hall C

PL03 Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2018: HOW CAN WE DO BETTER?

MYOCARDIAL INTERSTITIAL FIBROSIS IN HEART FAILURE: BEYOND VENTRICULAR STIFFNESS (Invited Lecture)

H.N. Sabbah

Henry Ford Hospital, Detroit, MI, USA

EFFECT OF INSTITUTIONAL EXPERIENCE ON OUTCOMES OF ALCOHOL SEPTAL ABLATION FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY (Invited Lecture)

J. Veselka, L. Faber, M. Kvistholm Jensen, R. Cooper, J. Januska, J. Krejci, T. Bartel, M. Dabrowski, P.R. Hansen, V.M. Almaas, H. Seggewiss, D.Horstkotte, R. Adlova, H. Bundgaard, J.ten Berg, M. Liebrechts

Charles University, University Hospital Motol, Prague, Czech Republic

PULMONARY HYPERTENSION - HAVE WE GONE FROM A DEATH SENTENCE TO A "FORGETTABLE DISEASE" FOR MANY IN 30 YEARS? (Invited Lecture)

R.C. Bourge

The University of Alabama at Birmingham, Birmingham, AL, USA

CLEARING OF β_1 -RECEPTOR AUTOANTIBODIES FROM THE BLOOD: A USEFUL TREATMENT OPTION FOR IDIOPATHIC DILATED CARDIOMYOPATHY (Invited Lecture)

M. Dandel

Deutsches Herzzentrum Berlin, Berlin, Germany

A NEW APPROACH TO HEART VALVE DISEASE: INTERVENTION OR PREVENTION? (Invited Lecture)

R. Levine

Massachusetts General Hospital, Boston, MA, USA

THE ROLE OF LEFT ATRIAL STRAIN IN HEART FAILURE (Invited Lecture)

B. Hoit

University Hospitals Cleveland Medical Center, Cleveland, OH, USA

FAMILIAL MITOCHONDRIAL CARDIOMYOPATHY (Invited Lecture)

A. Lorber, R. Tal

Rambam Medical Center, Haifa, Israel

THERAPEUTIC EFFECT OF IMMUNOADSORPTION IN PATIENTS WITH INFLAMMATORY CARDIOMYOPATHY: RESULTS FROM THE PROSPECTIVE BAD BERKA REGISTRY (Invited Lecture)

M.-A. Ohlow, M. Schreiber

Zentralklinik, Bad Berka, Germany

HFpEF AS A SYSTEMIC DISEASE - WHAT CAN WE LEARN FROM CARDIOPULMONARY EXERCISE TESTING? (Invited Lecture)

J. Ho

Massachusetts General Hospital, Boston, MA, USA

FRIDAY, JULY 27, 2018

11:00 – 13:30

Hall C

PL03 Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2018: HOW CAN WE DO BETTER? (continued)

CARDIAC REHABILITATION AND ITS EFFECTS ON COGNITION IN SUBJECTS WITH CORONARY ARTERY DISEASE AND HEART FAILURE (Invited Lecture)

K. Alagiakrishnan

University of Alberta, Edmonton, AB, Canada

FRIDAY, JULY 27, 2018

08:00 – 13:00

Poster Hall

P101 Poster Session
CARDIOVASCULAR PHARMACOLOGY AND DRUG THERAPY

CARDIOVASCULAR BENEFITS OF DIURETIC-BASED THERAPIES COMBINED WITH SIMVASTATIN IN HIGH-RISK HYPERTENSIVE PATIENTS WITH A HIGH-NORMAL LEVEL OF TOTAL CHOLESTEROL

P.P. Lu, L.H. Ma, L.Y. Ma, A.H. Hu, X.L. Zhou, W. Wang, L.S. Liu
Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China

PHENYTOIN INHIBITS THE EXPRESSION OF CARDIAC CAV1.2 CHANNELS VIA DISRUPTING SYNTHESIS AND TRAFFICKING

D. Han, P. Liu, X. Sun, Y. Liu, J. Sun
The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

NONSPECIFIC INTERSTITIAL PNEUMONIA: A RARE ADVERSE REACTION OF ATORVASTATIN

J. Xu, S. Verga, J. Stoll, L. Pioppo, W. Khan
Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

EFFECTS OF STATIN USE ON ADVERSE OUTCOMES IN PATIENTS WITH ATRIAL FIBRILLATION

S. Wu, Y.M. Yang
National Center for Cardiovascular Diseases, Fuwai Hospital, Beijing, China

LIDOCAINE TOXICITY MANIFESTING AS ACUTE STROKE: A RARE PRESENTATION

L. Hou, J. Xu, E. Pagan, K. Patel, A. Hakeem
Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

A CASE REPORT OF HEART FAILURE WITH PRESERVED EJECTION FRACTION DURING ATRIAL FIBRILLATION TREATMENT WITH PILSICAINIDE

T.J. Matsubara, K. Fujii, S. Ohnishi, M. Yamasaki
University of Tokyo, Tokyo, Japan

FRIDAY, JULY 27, 2018

08:00 – 13:00

Poster Hall

P102 Poster Session
CONGENITAL HEART DISEASE AND PEDIATRIC CARDIOLOGY

DETERMINATION OF RIGHT VENTRICULAR FUNCTION BY SYSTOLIC TO DIASTOLIC DURATION RATIO IN TETRALOGY OF FALLOT

A.L. Arndt, K.W. Holmes
Oregon Health and Science University, Portland, OR, USA

IDIOPATHIC PERICARDIAL EFFUSION AND CARDIAC TAMPONADE IN CHILDREN WITH TRISOMY 21

C.B. Johnson, A. Qasim, M.A. Aly, A.M. Aly
University of Texas Medical Branch, Galveston, TX, USA

ISOLATED FAMILIAL RIGHT VENTRICULAR HYPOPLASIA

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

FETAL DIAGNOSIS AND NEONATAL PALLIATION OF ABSENT AORTIC VALVE WITH HYPOPLASTIC LEFT HEART SYNDROME

A. Qasim, C.B. Johnson, M.A. Aly, A.M. Aly
University of Texas Medical Branch, Galveston, TX, USA

DESPITE THE ODDS

A. Addoumieh, M. Abdallah, **D. Majdalany**
Cleveland Clinic, Cleveland, OH, USA

UNROOFED CORONARY SINUS AND PERSISTENT LEFT SUPERIOR VENA CAVA: LATE ONSET SYMPTOMS POST-SURGICAL CORRECTION

B. Gheyath, G. Pettersson, D. Majdalany
Cleveland Clinic Foundation, Cleveland, OH, USA

MULTIMODALITY IMAGING OF ANOMALOUS RIGHT CORONARY ARTERY WITH INTERARTERIAL COURSE FOUND DURING A NON ST ELEVATION MYOCARDIAL INFARCTION

M. Bintvihok, J. Aoun, M. Almeqdadi, M. Afari, A. Davidoff, L. Tsao
St. Elizabeth's Medical Center, Boston, MA, USA

COMPARISON OF ECHOCARDIOGRAPHIC CRITERIA FOR DIAGNOSING LEFT VENTRICULAR NONCOMPACTION IN PATIENTS WITH CLINICAL CARDIOMYOPATHY

G. Hackett, **F. Munir**, R. Tunks, T. Chin
Penn State Health Children's Hospital, Hershey, PA, USA

P103 Poster Session
TRANSCATHETER THERAPY FOR STRUCTURAL HEART DISEASE

PERMANENT PACEMAKER (PPM) INSERTION IN PATIENTS WITH CONDUCTION ABNORMALITIES POST TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR): A REVIEW AND PROPOSED GUIDELINES

A.S. Nanda, T. Bob-Manuel, V. Chinta, A. Sharma, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam
University of Tennessee, Memphis, TN, USA

SMOKER'S PARADOX: THE IMPACT OF SMOKING IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR).

A.S. Nanda, M. Agarwal, A. Sharma, V. Chinta, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam
University of Tennessee, Memphis, TN, USA

EFFECTS OF SMOKING ON ECHOCARDIOGRAPHIC AND CLINICAL OUTCOMES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

A. Mehlman, A. Radhakrishnan, I. Sunjic, C. Bitetzakis, E. Sadic, A. Bhandari, F. Alvarado, A. Chen, A. Patel, Y. Lu
University of South Florida, Tampa, FL, USA

ASSESSMENT OF IMPACT OF PREPROCEDURAL PULMONARY HYPERTENSION TO THE CLINICAL OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT; A SINGLE CENTER EXPERIENCE

M. Farhoud, S. Banga, C. Bhardwaj
OSF SFMC, Peoria, IL, USA

INTERMEDIATE-TERM PACEMAKER DEPENDENCY FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT

E. Choi, J. Lee, A. Karnik, K. Lee, V. Kumar, H. Chaudry, S.X. Li, T.B. Curran, B.W. Andrus, J.T. DeVries
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

IMPACT OF TRANSCATHETER AORTIC VALVE REPLACEMENT ON SHORT AND LONG-TERM KIDNEY FUNCTION

J. Aoun, C. Zahm, T. Bhat, S. Lahsaei, J.P. Carrozza
Saint Elizabeth's Medical Center, Brighton, MA, USA

THE SAFETY AND FEASIBILITY OF A NOVEL CLOSURE TECHNIQUE IN TRANSCATHETER AORTIC VALVE REPLACEMENT

G.A. Medranda, R. Schwartz, S. Green
NYU Winthrop Hospital, Mineola, NY, USA

P104 Poster Session
CARDIAC SURGERY AND MECHANICAL CIRCULATORY SUPPORT

REVERSE-U-AORTOTOMY (KIRALI INCISION) IS SAFE FOR AORTIC VALVE REPLACEMENT

O. Altas, T. Ozer, M. Ozgur, S. Sarikaya, K. Kirali
Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

INTRA-AORTIC BALLOON PUMP IS ASSOCIATED WITH INCREASED MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: A RETROSPECTIVE ANALYSIS

J. Kewcharoen, **C. Techorueangwiwat**, T. Limjaroen, A. Ariyachaipanich
Chulalongkorn University, Bangkok, Thailand.

EFFECT OF PLEURAL INTEGRITY DURING ITA HARVESTING ON POSTOPERATIVE RESPIRATORY FUNCTIONS AFTER CARDIAC SURGERY

O. Altas, O. Yerlikhan, M. Aksut, T. Ozer, D. Gunay, A. Karakoc, K. Kirali;
Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

AN UNUSUAL CASE OF INTRACARDIAC FOREIGN BODY FOLLOWING A NECK INJURY; A CASE REPORT AND REVIEW OF LITERATURE

M. Ghanim, S. Bsata, B. Campbell, G. Daly, A. Agnihotri, L. Tsao
Saint Elizabeth Medical Center, Brighton, MA, USA

LATE ISCHEMIC COMPLICATION OF ATYPICAL BENTALL PROCEDURE, LEADING TO ACUTE MYOCARDIAL ISCHEMIA

G. Jolly, A. Haidry, S. Pal, M. Hasan Khan, W. Aronow
Westchester Medical Center, Valhalla, NY, USA.

P105 Poster Session
MEASUREMENT OF OUTCOMES AND QUALITY OF CARDIOVASCULAR CARE

A MODIFIED PUNCTURE METHOD DECREASES THE VENOUS INDWELLING NEEDLE RELATED COMPLICATIONS IN INPATIENTS WITH CARDIOVASCULAR DISEASES: A SINGLE CENTER PROSPECTIVE RANDOMIZED STUDY

Y. Liu, D. Han, X. Li
The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

CLINICAL UTILITY OF AN OBSERVATION UNIT IN THE OUTCOME OF COCAINE-INDUCED CHEST PAIN

C. Dumancas, T.O Mene-Afejuku, P.D. Lopez, A. Akinlonu, E. Ngo, S. Mushiyevev, F. Visco, G. Pekler
Metropolitan Hospital, New York, NY, USA

QUALITY IMPROVEMENT IN POST HEART CATHETERIZATION CARE

K. Gu, M. Katz, D. Chang, E. Randhawa, K. D'Mello, G. Ledley
Drexel University College of Medicine, Philadelphia, PA, USA

FRIDAY, JULY 27, 2018

14:00 – 16:15

Hall A

PL04 Plenary Session
MEASUREMENT OF OUTCOMES AND QUALITY OF CARDIOVASCULAR CARE

LOW T/HIGH T TESTOSTERONE AND THE HEART (Invited Lecture)

J.D. Marsh

University of Arkansas for Medical Sciences, Little Rock, AR, USA

STORE OPERATED Ca²⁺-CHANNEL BLOCKERS AS A POTENTIAL THERAPY FOR HYPERTENSION (Invited Lecture)

N.S. Dhalla, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, MB, Canada

CARDIOVASCULAR RISK FACTORS: AN UPDATE (Invited Lecture)

C. Chen, J. Lu, Q. Yao

Baylor College of Medicine, Houston, TX, USA

AGE-RAGE STRESS IN CARDIAC DISEASES (Invited Lecture)

K. Prasad

University of Saskatchewan, Saskatoon, SK, Canada

HEMODYNAMIC MODULATION OF NON-PLATELET THROMBOXANE GENERATION (Invited Lecture)

J. Rade

University of Massachusetts Medical School, Worcester, MA, USA

CLINICALLY RELEVANT INTERACTIONS BETWEEN CARDIOVASCULAR DRUGS, HERBALS AND FRUIT JUICES: MECHANISMS OF INTERACTIONS AND PRESCRIBING STRATEGIES (Invited Lecture)

H. Buttar

University of Ottawa, Ottawa, Canada

ROLE OF NITRATES IN THE PREVENTION OF MYOCARDIAL ISCHEMIA ASSOCIATED WITH CARFILZOMIB INFUSION (Invited Lecture)

T. Scarabelli

St John Hospital and Medical Center, Detroit, MI, USA

DECIPHERING THE ROLE OF MITOPHAGY-LYSOSOME DYSFUNCTION IN THE DIABETIC HEART (Invited Lecture)

Q. Liang, S. Kobayashi, F. Zhao, Y. Huang, T. Kobayashi

New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

RAPAMYCIN PROTECTS DIABETIC RABBIT HEARTS AGAINST ISCHEMIA/REPERFUSION INJURY BY REGULATING PTEN-AKT SIGNALING (Invited Lecture)

A. Das, A. Samidurai, R.C. Kukreja

Virginia Commonwealth University, Pauley Heart Center, Richmond, VA, USA

FRIDAY, JULY 27, 2018

14:00 – 16:30

Hall B

PL05 Plenary Session
CARDIAC ARRHYTHMIAS: CAUSES, SYMPTOMS, DIAGNOSIS AND TREATMENT

OBESITY AND ATRIAL FIBRILLATION (Invited Lecture)

M.A. Alpert

University of Missouri School of Medicine, Columbia, MO, USA

PROARRHYTHMIC SUBCELLULAR SIGNALING IN ATRIAL FIBRILLATION: ROLE OF CALCIUM DEPENDENT POTASSIUM CHANNELS (Invited Lecture)

D. Dobrev

University Duisberg-Essen, Essen, Germany

TOWARDS A COMPLETE TRUE HYBRID TREATMENT OF ATRIAL FIBRILLATION (Invited Lecture)

S. Gelsomino

CARIM Scholl for Cardiovascular Diseases, University of Maastricht, Maastricht, The Netherlands

MANAGEMENT OF ATRIAL FIBRILLATION IN THE ELDERLY PATIENT (Invited Lecture)

A. Kumar, V. Mohan

Adarsh Heart and Super Specialty Hospital, Amristar, India

UNUSUAL ARRHYTHMIC CAUSES OF SYNCOPE (Invited Lecture)

H.P. Paydak

University of Arkansas for Medical Science, Little Rock, AR, USA

VALIDATION OF THE INDICATION FOR IMPLANTABLE CARDIOVERTER DEFIBRILLATOR IN BRUGADA SYNDROME IN THE J WAVE SYNDROMES CONSENSUS CONFERENCE (Invited Lecture)

M. Takagi

Kansai Medical University Medical Center, Moriguchi, Japan

DANTROLENE, A RYANODINE RECEPTOR STABILIZER, REDUCES ATRIAL FIBRILLATION IN HEART FAILURE (Invited Lecture)

C. Nofi, K. Zhang, Y.-D. Tang, Y. Li, A. Migirov, K. Ojamaa, A. Gerdes, **Y. Zhang**

New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

RADIOFREQUENCY ABLATIVE MODIFICATION OF THE AV NODE FOR THE TREATMENT OF ATRIAL FIBRILLATION: EXPLORING THE VALUE OF AN OLD TECHNIQUE (Invited Lecture)

J. Gimbel

Columbia-St. Mary's Hospital System-Ascension, Milwaukee, WI, USA

UP-TO-DATE MANAGEMENT OF ATRIAL TACHYARRHYTHMIAS IN ADULT CONGENITAL HEART DISEASE (Invited Lecture)

A. Kamp

Nationwide Children's Hospital and The Ohio State University, Columbus, OH, USA

THE RISK PREDICTORS OF COMPLICATIONS OF PULMONARY VEIN ISOLATION (Invited Lecture)

T.J. Matsubara, K. Fujiu, G. Oguri, E. Hasumi, T. Kojima, I. Komuro

The University of Tokyo, Tokyo, Japan

FRIDAY, JULY 27, 2018

14:00 – 16:15

Hall C

PL06 Plenary Session
AORTIC ANEURYSM AND PERIPHERAL ARTERIAL DISEASE:
BASIC AND CLINICAL STUDIES

INSIGHT INTO POLYVASCULAR DISEASE (Invited Lecture)

T. Tomaru, T. Matsubara, E. Matsubara
Heisei Yokohama Hospital, Yokohama, Japan

GENETICS OF THORACIC AORTIC ANEURYSM 2018 (Invited Lecture)

J. Elefteriades
Yale University School of Medicine, Aortic Institute at Yale-New Haven, New Haven, CT, USA

ADIPOCYTES PROMOTE IL18 BINDING TO ITS RECEPTORS DURING ABDOMINAL AORTIC ANEURYSM FORMATION IN MICE (Invited Lecture)

G.-P. Shi
Brigham and Women's Hospital, Boston, MA, USA

POTENTIAL MOLECULAR TARGETS FOR PREVENTION OF PROGRESSION OF ABDOMINAL AORTIC ANEURYSM (Invited Lecture)

L. Gavish, R. Beerli, D. Gilon, C. Rubinstein, G. Elberg, **S.D. Gertz**
The Hebrew University of Jerusalem, Jerusalem, Israel

SEX DIFFERENCES IN PERIPHERAL ARTERIAL DISEASE: DIAGNOSIS, SYMPTOMS AND TREATMENT (Invited Lecture)

J. Regensteiner
University of Colorado, School of Medicine, Aurora, CO, USA

ANTIPLATELET THERAPY FOR PERIPHERAL INTERVENTIONS: AN UPDATE FOR 2018 (Invited Lecture)

R. Khouzam, M. Ibrahim
University of Tennessee Health Science Center, Memphis, TN, USA

DOAC IN CANCER PATIENTS: VENOUS THROMBOEMBOLISM AND ATRIAL FIBRILLATION (Invited Lecture)

N. Maurea
Istituto Nazionale Tumori, IRCCS, Fondazione G. Pascale, Naples, Italy., Naples, Italy

CURRENT STATUS OF PATHOPHYSIOLOGY AND THERAPY OF PERIPHERAL ARTERY DISEASE (Invited Lecture)

S. Bhullar, N.S. Dhalla
St. Boniface Hospital, University of Manitoba, Winnipeg, MB, Canada

FILTERING THE EVIDENCE: UPDATES ON IVC FILTERS (Invited Lecture)

B. Bikdeli
Columbia University Medical Center, New York, NY, USA

FRIDAY, JULY 27, 2018

16:45 – 19:00

Hall A

S21 Oral Session

MOLECULAR CARDIOLOGY, VASCULAR BIOLOGY AND REGENERATIVE MEDICINE IN CARDIOVASCULAR DISEASE

Na⁺-H⁺ EXCHANGER 1 DEFICIENCY PROTECTS ANGIOTENSIN II-INDUCED ABDOMINAL AORTIC ANEURYSM IN APOLIPOPROTEIN E-DEFICIENT MICE

C.-L. Liu, G. Sukhova, P. Libby, G.-P. Shi
Brigham and Women's Hospital, Boston, MA, USA

THE EFFECT OF HYPOXIA PRE-TREATMENT ON STEM CELL BIOLOGY

V. Ramaswamy, F. Franchi, K.M. Peterson, R. Paulmurugan, M.G. Rodriguez-Porcel
Cardiovascular Research, Mayo Clinic, Rochester, MN, USA

ATTENUATION OF ENDOPLASMIC RETICULUM STRESS BY 4-PHENYLBUTYRIC ACID PROMOTES THE FUNCTIONAL SURVIVAL AND THERAPEUTIC EFFICACY OF BONE MARROW-DERIVED MESENCHYMAL STEM CELLS FOR HEART REPAIR

D. Han, J.-W. Chen, F. Cao
Chinese PLA General Hospital, Beijing China

AN INSIGHT INTO THE ROLE OF EXTRACELLULAR MATRIX IN DETERMINING THE SITE OF AORTIC ANEURYSM, TAA VERSUS AAA

Z. Kassiri
University of Alberta, Edmonton, AB, Canada

IMPORTANCE OF THE MYOCARDIAL MICROENVIRONMENT IN THE BIOLOGY TRANSPLANTED MESENCHYMAL STEM CELLS

F. Franchi, V. Ramaswamy, K.M. Peterson, P. Ramasamy, M.G. Rodriguez-Porcel
Mayo Clinic, Rochester, MN, USA

CRUCIAL ROLE OF PI3-KINASE GAMMA IN VASCULAR SMOOTH MUSCLE CELL PROLIFERATION AND NEOINTIMA FORMATION BY REGULATING Skp2 AND p27(kip1)

J. Li, S. Liu, M. Wang, R. Jin
Hershey High School, Hershey, PA, USA

CARDIAC TARGETING PEPTIDE: STUDIES INTO MECHANISM OF TRANSDUCTION

K. Feldman, T. Feinstein, **M. Zahid**
University of Pittsburgh, Pittsburgh, PA, USA

SLC3A2 IS A NOVEL ER STRESS-RELATED SIGNALING PROTEIN THAT REGULATES BOTH UPR AND APOPTOSIS IN CARDIOMYOCYTES

C. Liu, X. Li, C. Li, Y. Tian, K. He
Translational Medicine, Beijing, China

CALCIUM CHANNEL BLOCKERS: A MULTIPURPOSE APPROACH

N. Motayagheni, A. Atala
Wake Forest University, Winston Salem, NC, USA

S22 Oral Session

HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARADIOVASCULAR DISEASE – FROM BENCH TO BEDSIDE

FUNCTIONAL INACTIVATION OF MAST CELL ENHANCES SUBCUTANEOUS ADIPOSE TISSUE BROWNING THROUGH SEROTONIN IN MICE

X. Zhang, X. Wang, J. Liu, G.-P. Shi

Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

CARDIOVASCULAR OUTCOMES OF AMLODIPINE-BASED COMBINATION THERAPIES IN HIGH-RISK HYPERTENSIVE PATIENTS

P.P. Lu, X. Meng, A.H. Hu, W. Wang, L.Y. Ma, Y.Q. Zhang, X.Z. Zhang, L.H. Ma, L.S. Liu, X.L. Zhou

Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

SEASONAL VARIATIONS IN BLOOD PRESSURE, NEUTROPHIL-LYMPHOCYTE RATIO AND WHITE BLOOD CELL COUNT IN A LARGE POPULATION OF PATIENTS WITH END STAGE RENAL DISEASE

A. Long, Z. Terner, J. Larkin, M. Reviriego-Mendoza, L. Usvyat, Y. Wang, P. Kotanko, F.W. Maddux

Fresenius Medical Care North America, Waltham, MA, USA

DIRECT VERSUS CALCULATED LDL CHOLESTEROL AND C REACTIVE PROTEIN IN CARDIOVASCULAR DISEASE RISK ASSESSMENT IN THE FRAMINGHAM OFFSPRING STUDY

H. Ikezaki, V.A. Fisher, C.-T. Liu, K. Nakajima, B.F. Asztalos, N. Furusyo, J. Hayashi, L. Cupples, E.J. Schaefer

HNRCA at Tufts University, Boston, MA, USA

ADIPOSE TISSUE SURFACE-EXPRESSION OF LDLR AND CD36; LINK TO RISK FACTORS FOR TYPE 2 DIABETES IN NORMOCHOLESTEROLEMIC SUBJECTS

S. Bissonnette, Y. Cyr, V. Lamantia, V. Provost, G. Maye, M. Chretien, **M. Faraj**

University of Montréal/ Clinical Research Institute of Montréal (IRCM), Montréal, QC, Canada

PESSIMISTIC OUTLOOK IN ADOLESCENCE INCREASES RISK FOR OBESITY AND HYPERTENSION IN EARLY ADULTHOOD

K. Anand, S. Rajendran, S. Srinivas, A. Chockalingam

University of Missouri, Columbia, MO, USA

COMBINED TREATMENT BY LIPID-LOWERING DRUGS IN ACUTE LIPEMIA IN MICE

T.A. Korolenko, M.M. Gevorgyan, N.P. Voronina, G.S. Russkikh, T.P. Korolenko, E. Machova

Institute of Physiology and Basic Medicine, Novosibirsk, Russian Federation

SPATIAL VARIATION ON PREVALENCE OF HYPERTENSION IN CHINA: RESULTS FROM CHINA HYPERTENSION SURVEY, 2012-2015

Z. Wang, L. Pei, L. Zhang, J. Wu, X. Wang, Z. Chen, Y. Dong, C. Zheng, Y. Kang, R. Gao

National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, Beijing, China

FRIDAY, JULY 27, 2018

16:45 – 19:30

Hall B

S22 Oral Session
HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE –
FROM BENCH TO BEDSIDE (continued)

PREDICTORS OF CORONARY ARTERY DISEASE IN PATIENTS WITH HYPERTENSIVE
EMERGENCY WITH ELEVATED CARDIAC BIOMARKERS

M. Rodriguez Ziccardi, **J. Penalver**, S. Basharat, C. Nwakile
Einstein Medical Center, Philadelphia, PA, USA

ROLE OF EPICARDIAL ADIPOSE TISSUE IN ATHEROSCLEROSIS ASSOCIATED WITH
OBESITY

M. Addula
Creighton University, Omaha, NE, USA

TO COMPARE THE “REAL WORLD” EFFICACY OF PROPROTEIN CONVERTASE
SUBTILISIN-KEXIN TYPE 9 (PCSK-9) INHIBITORS ALIROCUMAB VERSUS EVOLOCUMAB
ON LDL LOWERING IN PATIENTS PRESENTING WITH DYSLIPIDEMIA: A SINGLE CENTER
EXPERIENCE

S. Banga, S. Pendyala, T.J. Kizhakekuttu
OSF Saint Francis Medical Center, University of Illinois College of Medicine at Peoria, Peoria, IL,
USA

S23 Oral Session

ADVANCES IN CARDIAC SURGERY: CONGENITAL HEART DISEASE / CORONARY REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / HEART TRANSPLANTATION

INITIAL INTRAVASCULAR ULTRASOUND IN THE EVALUATION OF CARDIAC TRANSPLANT VASCULOPATHY WITHOUT A ROUTINE EARLY BASELINE STUDY HAS PROGNOSTIC VALUE

R. Arsanjani, M. Hashemzadeh, **M. Movahed**
Mayo Clinic, Scottsdale, AZ, USA

A PROSPECTIVE COHORT STUDY OF RIGHT VENTRICULAR NORMALIZATION AFTER PULMONARY VALVE REPLACEMENT IN ASYMPTOMATIC PATIENTS WITH MODERATE OR GREATER PULMONARY REGURGITATION AFTER REPAIRED TETRALOGY OF FALLOT

F. He, S. Li, Z. Feng
Fuwai Hospital, Beijing, China

PATIENTS' PREFERENCES FOR CORONARY BYPASS GRAFTING OR STAGED PERCUTANEOUS CORONARY INTERVENTION IN MULTI-VESSEL CORONARY ARTERY DISEASE

M.-A. Ohlow, A. Farah
Zentralklinik, Bad Berka, Germany

A PROPENSITY SCORE MATCHED STUDY OF ON PUMP AND OFF PUMP CORONARY ARTERY BYPASS SURGERY

Y. Toyoda, M.A.K. Kashem
Lewis Katz School of Medicine at Temple University, Philadelphia, PA, USA

MIDTERM COMPARISON OF ANNULOPLASTY RINGS IN ISOLATED MITRAL VALVE REGURGITATION

O. Altas, O. Yerlikhan, M. Ozgur, A. Karakoc, K. Kirali
Cardiovascular Surgery, Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

MISPLACED PACEMAKER LEAD DUE TO A PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION

B. Gheyath, R. Kaul, A. Aggarwal, M. Summers, M. Abdallah, D. Majdalany
Cleveland Clinic Foundation, Cleveland, OH, USA

INCIDENCE OF ACUTE CELLULAR REJECTION AFTER HEART TRANSPLANTATION AND ITS IMPACT ON ONE-YEAR SURVIVAL: A REPORT FROM TERTIARY CARE HOSPITAL IN THAILAND

C. Techorueangwiwat, S. Sinphurmsukskul, P. Ongcharit, K. Thammanatsakul, W. Polsawat, S. Siwamogsatham, S. Puwanant, V. Benjacholamas, A. Ariyachaipanich
Chulalongkorn University, Bangkok, Thailand

FRIDAY, JULY 27, 2018

16:45 – 19:15

Hall C

S23 Oral Session

ADVANCES IN CARDIAC SURGERY: CONGENITAL HEART DISEASE / CORONARY REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / HEART TRANSPLANTATION (continued)

SURGICAL TREATMENT OF PRIMARY BENIGN RIGHT VENTRICULAR TUMORS:
A 10-YEAR SINGLE-CENTER STUDY

E. Qiao

Peking Union Medical College, Chinese Academy of Medical Sciences, Fuwai Hospital, Beijing, China

VASOACTIVE AGENT EXPOSURE PRIOR TO ACUTE MECHANICAL CIRCULATORY SUPPORT FOR CARDIOGENIC SHOCK IS ASSOCIATED WITH END ORGAN DYSFUNCTION AND MORTALITY

A. Razavi, K. Morine, M. Esposito, S. Annamalai, C. Davila, R. Pedicini, L. Jorde, K. Gobeil, J. Hernandez-Montfort, N. Kapur
Tufts Medical Center, Boston, MA, USA

ANOMALOUS CORONARIES IN CHILDREN PRESENT WITH GENDER DIFFERENCES DISSIMILAR TO ADULTS

B. Robinson, C. Baird, F. Pigula

Patients' Precision Clinic BR Health for You, LLC.; Children's Hospital Boston, Boston, MA, USA

FRIDAY, JULY 27, 2018

13:30 – 18:30

Poster Hall

P201 Poster Session
ACUTE ISCHEMIC STROKE

INFLAMMATORY CYTOKINES, IL-1 AND TNF-A, ARE CLUE FOR DETERMINING STROKE ETIOLOGY WITH THE SUSCEPTIBILITY VESSEL SIGN ON MRI

H.-S. Kim, M.-S. Park, E.-H. Kim, J.-T. Park, W. Yoon

Chonnam National University Med. School, Gwangju, Republic of Korea

CEREBRAL INFARCTION IS ASSOCIATED WITH MULTIPLE RISK FACTORS IN PATIENTS WITHOUT SEVERE CAROTID SCLEROSIS

E. Matsubara, T. Matsubara, T. Tomaru

Tokyo University Hospital, Tokyo, Japan

FINDING CLOSURE AFTER CRYPTOGENIC STROKE

M. Patel, A. Goud, A. Patel, A. Mukherjee, P. Sethi, R. Pai

University of California, Riverside, Alta Loma, CA, USA

P202 Poster Session
PERIPHERAL ARTERY DISEASE AND AORTIC DISEASE

RETAINED AORTIC MISSILE: A CASE OF A PARTIALLY EMBEDDED BULLET IN THE DESCENDING AORTA

D. Hill, A. Einhorn

Orlando Health, Orlando, FL, USA

A RARE CASE OF MYOCARDIAL ISCHEMIA CAUSED BY DESCENDING AORTA TO RIGHT INFERIOR PULMONARY ARTERY FISTULA

T.-H. Wu, C.-J. Wu

Veterans General Hospital- Kaohsiung, Taiwan, Kaohsiung, Taiwan

COMMERCIAL PERIPHERAL ARTERIAL DISEASE SCREENING OUTSIDE THE SCOPE OF ESTABLISHED GUIDELINES

H. Hirzallah, A. Mallad, A. Amro, D. Kusmic, M. El-Hamdani

Marshall University Joan C. Edwards School of Medicine., Huntington, WV, USA

USE OF OPTICAL COHERENCE TOMOGRAPHY IN TREATING A CHRONIC TOTAL OCCLUSION FROM A VIETNAM WAR INJURY

B. Horn, J. George

Einstein Medical Center, Philadelphia, PA, USA

P203 Poster Session
HEART FAILURE: DIAGNOSIS AND MANAGEMENT

KIDNEY DYSFUNCTION IN PATIENTS RECEIVING PERCUTANEOUS LEFT VENTRICULAR ASSIST DEVICE

H. Aboud, **S. Sutchu**, A. Kazory
University of Florida, Gainesville, FL, USA

LEARNING NEEDS OF PATIENTS WITH DIASTOLIC HEART FAILURE

J.-A. Ahn, J.-S. Park, P.-K. Min
Ajou University, Suwon, Republic of Korea

FAMILIAL AMYLOID CARDIOMYOPATHY: A CASE SERIES

A.C. Atanda, O. Atanda, **E. Mbey**, O. Omole, D. Ugwendum, T. Ogundipe, B. Curry, O. Akinboboye
Howard University Hospital, Washington, DC, USA

FACTORS AFFECTING LENGTH OF STAY AND TIME TO READMISSION IN A RETROSPECTIVE HEART FAILURE READMISSION COHORT

J. Aoun, S. Khare, M. Ghanim, G. Yesodharan, M. Afari, S. Hedge, L. Tsao
Saint Elizabeth's Medical Center, Brighton, MA, USA

LUNG INFILTRATES IN A PATIENT ON BORTEZOMIB - NOT ALWAYS PNEUMONIA

S. Basharat, M. Rodriguez Ziccardi, M. Bandres, A. Pop
Albert Einstein Medical Center, Philadelphia, PA, USA

INHALED RACEMIC EPINEPHRINE AS A TRIGGER FOR TAKOTSUBO CARDIOMYOPATHY

M. Ghanim, M. Almnajam, S. Khare, M.E. Afari, M. Khan
Saint Elizabeth Medical Center, Brighton, MA, USA

PREMATURE MYOCARDIAL INFARCTION AS THE PRESENTING SIGN OF HYPERCOAGULABLE SYNDROME

E.P. Hiltner, A. Alam, K. Patel, J. Xu, H. Doshi, D. James, D. Iyer, J. Almendral, K. Mody
Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ, USA

STRESS CARDIOMYOPATHY: LOOK AT THE URINE!

S.A. Raza, S. Haley, L. Hunter, F. Raza
Methodist Health System- Dallas, Dallas, TX, USA

CANNABIS INDUCED BASAL-MID VENTRICULAR STRESS CARDIOMYOPATHY

S.J. Meera, S. Vallabhaneni, R. Aurshiya, S. Pakniyat, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

UTILIZATION OF BIOIMPEDANCE SPECTROSCOPY IN LIEU OF INVASIVE MONITORING FOR MONITORING FLUID OVERLOAD

A.A. Accardi, J.T. Heywood
Scripps Memorial Hospital, Encinitas, CA, USA

FRIDAY, JULY 27, 2018

13:30 – 18:30

Poster Hall

P204 **Poster Session**
DILATED CARDIOMYOPATHY

CLINICAL, ELECTROCARDIOGRAPHIC, ECHOCARDIOGRAPHIC PROFILE AND OUTCOMES OF ADULT PATIENTS WITH DILATED CARDIOMYOPATHY AT MAKATI MEDICAL CENTER: A SUBSET ANALYSIS OF THE PHILIPPINE HEART ASSOCIATION (PHA) CARDIOMYOPATHY REGISTRY

M. Maliwat, B. Alimurung, G. Lopez, V. Zarza-Geron
Makati Medical Center, Makati City, Philippines

PERI-MYOCARDITIS IN A PATIENT WITH COINFECTION OF *MYCOPLASMA* AND *COXSACKIE B* LEADING TO DILATED CARDIOMYOPATHY

D. Zakri, J. Saurez, Y. Braver
Brandon Regional Hospital, Brandon, FL, USA

CHRONIC NASAL DECONGESTANT USE AND TACHYCARDIOMYOPATHY:
A CASE REPORT

J.R.F. Rocha, I.C. Pinheiro, M. Giannini, **M.C. Caires**, P.B. Villela, R.M. Ferreira, L.A. Salis,
N.A. de Souza e Silva
Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

FRIDAY, JULY 27, 2018

13:30 – 18:30

Poster Hall

P205 Poster Session
HYPERTROPHIC CARDIOMYOPATHY

IMPACT OF CONTEMPORARY TREATMENT STRATEGIES ON PATIENTS WITH EXTREME HYPERTROPHIC CARDIOMYOPATHY PHENOTYPE

M.D. Romashko, B.J. Maron, W. Wang, H. Rastegar, M.S. Maron, E.J. Rowin
Tufts Medical Center, Boston, MA, USA

UNUSUAL CAUSES OF RESOLUTION OF LVOT OBSTRUCTION IN HYPERTROPHIC CARDIOMYOPATHY

R. Aurshiya, S. Meera, S. Pakniyat, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

MYOCARDIAL ISCHEMIA CAUSED BY SINGLE CORONARY ARTERY IN HYPERTROPHIC CARDIOMYOPATHY

A. Sinha, R. Kumar, **J. Shirani**
St. Luke's University Health Network, Bethlehem, PA, USA

MARKED REGRESSION OF LVH IN FAMILIAL HYPERTROPHIC CARDIOMYOPATHY FOLLOWING BARIATRIC SURGERY AND SUBSTANTIAL WEIGHT LOSS

S. Meera, R. Aurshiya, S. Vallabhaneni, S. Pakniyat, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

A CASE OF CONSTRICTIVE CARDIOMYOPATHY IN FAMILIAL AMYLOIDOSIS

R. Shah, J. Uribe, G. Velasquez, P. Taylor
Orlando Health, Orlando, FL, USA

PERSISTENT ST ELEVATION: HYPERTROPHIC CARDIOMYOPATHY RARELY DISCUSSED

M. Khattab, J.R. Martinez Parachini, A. Ul Haq, E. Mora Garzon, E.P. Ngo
University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

P206 Poster Session
PERICARDIAL DISEASE

A PATIENT WITH A LARGE PERICARDIAL MASS

A. Sustar, D. Javoran
University Hospital Centre, Rijeka, Croatia

PERICARDIAL EFFUSION IN A NON-HIV PATIENT AS A HARBINGER FOR A RARE PRIMARY EFFUSION LYMPHOMA

S. Basharat, M. Rodriguez Ziccardi, M. Bandres, A. Pop
Albert Einstein Medical Center, Philadelphia, PA, USA

UNILATERAL PLEURAL EFFUSION: AN UNUSUAL PRESENTATION OF DRESSLER'S SYNDROME SECONDARY TO PCI

N. Shah, R. Pansare
Internal Medicine, St Mary Mercy Hospital, Livonia, MI, USA

FRIDAY, JULY 27, 2018

13:30 – 18:30

Poster Hall

P207 Poster Session
CARDIOVASCULAR DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE

THE ROLE OF SEMAPHORIN-3C (SEMA3C) IN INTERPLAY BETWEEN RENAL EPITHELIAL-
ENDOTHELIAL CELLS DURING CYST DEVELOPMENT IN POLYCYSTIC KIDNEY DISEASE

J. Park, E. Lee

Sookmyung Women's University, Seoul, Republic of Korea

NEGATIVE MULTIPLICATION EFFECT OF KIDNEY DYSFUNCTION ON NON VALVULAR
ATRIAL FIBRILLATION

M. Zeeshan, R. Ayinla, T. Ahmad

Penn State Hershey Medical Center, Hershey, PA, USA

RENAL ARTERY STENOSIS PRESENTED WITH SUDDEN FLASH PULMONARY EDEMA IN A
PATIENT WITH SINGLE KIDNEY

J. Choi, Y. Kim

Uijeongbu St. Mary's Hospital, Gyeonggi-do, Republic of Korea

P208 Poster Session
EXERCISE PHYSIOLOGY, EXERCISE TESTING

EFFECTS OF A YOGA INTERVENTION IN REDUCING JOB STRESS AND
CARDIOVASCULAR DISEASE RISK FACTORS

W.J. Hwang, J. Ha, J. Kim

Kyung Hee University, Seoul, Republic of Korea

SATURDAY, JULY 28, 2018

08:30 – 11:00

Hall A

PL07 Plenary Session
CARDIOVASCULAR PROTECTION, REPAIR AND REGENERATION

A NOVEL MECHANISM CONTROLLING SMOOTH MUSCLE PHENOTYPE AND VASCULAR REMODELING (Invited Lecture)

Y.-C. Wang, X.-B. Cui, Y.-H. Chuang, **S-Y. Chen**
University of Georgia, Athens, GA, USA

microRNAs IN CARDIOVASCULAR REMODELING AND DISEASE (Invited Lecture)

D.-Z. Wang
Boston Children's Hospital, Boston, MA, USA

MECHANISM OF CARDIOVASCULAR REMODELING IN HEART FAILURE (Invited Lecture)

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

REGULATION OF ANGIOGENIC RESPONSE IN DIABETIC MYOCARDIUM (Invited Lecture)

N. Maulik
University of Connecticut School of Medicine, Farmington, CT, USA

PCSK9 EXPRESSION IN THE ISCHEMIC HEART AND ITS RELATIONSHIP TO INFARCT SIZE AND CARDIAC FUNCTION (Invited Lecture)

J.L. Mehta, Z. Ding
University of Arkansas for Medical Science, Little Rock, AR, USA

CARDIAC CELL THERAPY: CUMULATIVE DATA AND NEW CONCEPTS (Invited Lecture)

B. Dawn
University of Nevada, Las Vegas, NV, USA

MULTI-FACETED CONTRIBUTION OF TIMPs TO MYOCARDIAL REMODELING (Invited Lecture)

Z. Kassiri
University of Alberta, Edmonton, AB, Canada

LONG-TERM EXERCISE-DERIVED EXOSOMAL MIRNAS AS NOVEL EXERKINES FOR CARDIOVASCULAR PROTECTION (Invited Lecture)

J. Wu, Z. Hou, X. Qin, X. Zhang, **F. Gao**
The Fourth Military Medical University, Xian, China

PREVENTION OF MYOCARDITIS/DCM USING REGENERATIVE MEDICINE THERAPY (Invited Lecture)

D. Fairweather, K. Bruno, A. Hill, P. Stalboerger, L. Cooper, Jr., A. Behfar
Mayo Clinic, Jacksonville, FL, USA

NATRIURETIC PEPTIDE RECEPTOR-C IMPROVES VASCULAR REMODELING IN SPONTANEOUSLY HYPERTENSIVE RATS (Invited Lecture)

M.B. Anand-Srivastava
University of Montreal, Montreal, QC, Canada

SATURDAY, JULY 28, 2018

08:30 – 11:00

Hall B

PL08 Plenary Session
VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS

FEMALE GENDER IS A PREDICTOR OF VASCULAR COMPLICATIONS IN PATIENTS UNDERGOING TRANS-CATHETER AORTIC VALVE REPLACEMENT FOR SYMPTOMATIC SEVERE AORTIC STENOSIS: A SINGLE CENTER EXPERIENCE (Invited Lecture)

R. Patel, S. Banga, J. Patel, M. Barzallo, S. Mungee
University of Illinois College of Medicine-Peoria/OSF Healthcare, Bloomington, IL, USA

A NOVEL AUTOLOGOUS TISSUE-ENGINEERED HEART VALVE FOR TRANSCATHETER IMPLANTATION (Invited Lecture)

Y. Takewa, Y. Nakayama, J. Shimamura, E. Tatsumi
National Cerebral and Cardiovascular Center, Osaka, Japan

THE EMERGING ROLE OF CIRCULATING AND URINARY BIOMARKERS IN THE ASSESSMENT OF ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture)

A.R. Opotowsky
Boston Children's and Brigham & Women's Hospitals, Boston, MA, USA

GENETICS OF VALVE DISEASES

R. Durst
Hadassah Hebrew University Medical Center. Jerusalem, Israel

NHLBI WORKING GROUP RECOMMENDATIONS ON CALCIFIC AORTIC VALVE DISEASE: THE CHAIRMAN'S PERSPECTIVE (Invited Lecture)

N.M. Rajamannan
Mayo Clinic, Rochester, MN, and Most Sacred Heart of Jesus Cardiology and Valvular Institute, Sheboygan WI, Corvita, Chicago IL, USA

FRAILITY AND CLINICAL OUTCOMES OF TRANSCATHETER AORTIC VALVE REPLACEMENT (Invited Lecture)

A. Cheema
St. Michael's Hospital, Toronto, ON, Canada

AORTIC REGURGITATION; ASSESSMENT OF ETIOLOGY & SEVERITY: IS IT STILL A CHALLENGE? (Invited Lecture)

H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

TRICUSPID REGURGITATION - CURRENT AND EMERGING THERAPIES (Invited Lecture)

S. Singh
Cedars-Sinai Heart Institute, Los Angeles, CA, USA

NON-INVASIVE DIAGNOSTIC DILEMMA FOR LOW FLOW LOW GRADIENT AORTIC STENOSIS (Invited Lecture)

S. Rasla
St Vincent Hospital, Boston, MA, USA

SATURDAY, JULY 28, 2018

08:30 – 11:00

Hall B

PL08 Plenary Session
VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS (cont.)

PRE-TAVR HYPERBILIRUBINEMIA ASSOCIATED WITH POST-TAVR IN-HOSPITAL MORTALITY

S. Jou, H. Patel, H. Oglat, R. Zhang, L. Zhang, A. Nappi, M. Torosoff
Albany Medical College, Albany, NY, USA

SATURDAY, JULY 28, 2018

08:30 – 10:45

Hall C

S24 Oral Session

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

AN ASSOCIATION BETWEEN RENAL FUNCTION ONE YEAR AFTER KIDNEY TRANSPLANT AND INCIDENTAL PERICARDIAL EFFUSION

J. Muste, E. Pashkovetsky, S. Wang, R. Lopez-Soler, D. Conti, M. Torosoff, R. Lyubarova
Albany Medical College, Albany, NY, USA

PARADOXICAL SINUS DECELERATIONS DURING DOBUTAMINE STRESS TESTING

S. Vallabhaneni, R. Aurshiya, S. Agrawal, L. Stone, R. Silmi, S. Pakniyat, S. Nanda, J. Shirani
St Luke's University Health Network, Bethlehem, PA, USA.

PEDIATRIC PATIENTS HAVE PRESERVED LEFT VENTRICULAR LONGITUDINAL STRAIN EARLY AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION DESPITE EXPOSURE TO CARDIOTOXIC AGENTS

N. Ray Chaudhuri, C. Ebens, A. Sanchez Mejia
University of Minnesota, Saint Paul, MN, USA

COMPARISON OF THE 2009 AND 2016 AMERICAN SOCIETY OF ECHOCARDIOGRAPHY(ASE) GUIDELINES FOR DIASTOLOGY ASSESSMENT

S.M. Hussain, B.J. Hachey, C. Ahmed, **A. Altamiranoufion**, S. Danciu
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

NONINVASIVE ASSESSMENT OF CENTRAL VENOUS PRESSURE USING CONTINUOUS FLOW FROM THE INFERIOR VENA CAVA INTO RIGHT ATRIUM

R. Ranjan, **E.J. Friend**, V. Figuredo, G.S. Pressman, N. Schiller
Einstein Healthcare Network, Philadelphia, PA, USA

ADVANCES IN MULTIMODALITY CARDIOVASCULAR IMAGING OF PERICARDIAL CONDITIONS (Invited Lecture)

B. Xu, S.C. Harb, A.L. Klein
Cleveland Clinic, Cleveland, OH, USA

PREVALENCE AND THE DETERMINANTS OF A-WAVE DOMINANT PATTERN IN PATIENTS WITH SEVERE MITRAL REGURGITATION

K.R. Kolla, **N. Qureshi**, H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

USE OF CONTRAST AGENTS TO ENHANCE IMAGE QUALITY IN 2 D ECHOCARDIOGRAPHY FOR STRAIN ANALYSIS

I. Baig, S. Nanavaty, A. Sothwal, A. Alsaïd, T. Bauch
University, Geisinger Medical Center, Danville, PA, USA

RIGHT VENTRICULAR DYSFUNCTION DIFFERS IN PATIENTS WITH IDIOPATHIC PULMONARY HYPERTENSION VS SECONDARY PULMONARY HYPERTENSION

S. Emami, N. Samiei, A. Amin, S. Taghavi, M. Parsaei, N. Naderi, A. Serati, **M. Movahed**
CareMore and University of Arizona, Tucson, AZ, USA

SATURDAY, JULY 28, 2018

11:15 – 13:30

Hall A

PL09 Plenary Session
HYPERTENSION, OBESITY, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE, PREVENTION, RISK REDUCTION AND TREATMENT

HIGHLIGHTS FROM THE 2017 ACC/AHA HYPERTENSION GUIDELINES (Invited Lecture)

W.S. Aronow

Westchester Medical Center/New York Medical College, Valhalla, NY, USA

NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS): CARDIOVASCULAR EVENTS ARE RELATED PRIMARILY TO IMPACT OF NSAIDS ON BLOOD PRESSURE RATHER THAN TO COX SELECTIVITY (Invited Lecture)

J.S. Borer, F. PRECISION Trial Executive Committee

SUNY Downstate, New York, NY, USA

LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE IN HYPERTENSION - MOLECULAR AND CELLULAR MECHANISMS (Invited Lecture)

C. Rosendorff

Mount Sinai Heart, Icahn School of Medicine, and the James J. Peters VA Medical Center, New York, NY, USA

ROLE OF THE NOVEL ADIPOKINE IN CARDIOVASCULAR DISEASE (Invited Lecture)

N. Ouchi

Nagoya University Graduate School of Medicine, Nagoya, Japan

DOES CARDIORESPIRATORY FITNESS MODULATE THE INCIDENCE OF TYPE 2 DIABETES IN PATIENTS ON STATIN THERAPY (Invited Lecture)

P. Kokkinos

Veterans Affairs Medical Center and Georgetown University School of Medicine, Washington, DC, USA

A NEW ERA IN THE MANAGEMENT OF TYPE II DIABETES IN PATIENTS WITH A HIGH CARDIOVASCULAR RISK. THE CHANCE FROM A GLUCOCENTRIC TO A VASCULAR POINT OF VIEW (Invited Lecture)

K. Seidl

Klinikum Ingolstadt, Ingolstadt, Germany

MANAGEMENT OF METABOLIC SYNDROME AND ATHEROSCLEROSIS IN MULTIPLE MOUSE MODELS OF HUMAN TYPE II DIABETES AND HEART DISEASE (Invited Lecture)

S.B. Chatterjee

Johns Hopkins University, Baltimore, MD, USA

CARDIOVASCULAR ACTIVATION DURING SOCIALLY EVALUATED COLD-PRESSOR TEST IS ASSOCIATED WITH CHANGES IN IMMUNE FUNCTION BUT NOT WITH ACTIVATION OF STEROID STRESS HORMONES (Invited Lecture)

D. Jezova, K. Buzgoova, L. Balagova, D. Kapsdorfer, M. Marko, I. Riečansky

Biomedical Research Center, Slovak Academy of Sciences, Bratislava, Slovakia

PERINODAL ADIPOSE TISSUE PARTICIPATES IN IMMUNE PROTECTION THROUGH A LYMPHATIC VESSEL-INDEPENDENT ROUTE (Invited Lecture)

S. Liao

University of Calgary, Calgary, AB, Canada

PL10 Plenary Session
INTERVENTIONAL CARDIOLOGY AND CARDIAC SURGERY: CURRENT STATUS AND FUTURE DIRECTIONS

EXPANDED USES OF INVASIVE PHYSIOLOGICAL TESTING FOR CLINICAL DECISION-MAKING IN CAD PATIENTS (Invited Lecture)

B. Uretsky

University of Arkansas for Medical Sciences, Little Rock, AR, USA

MYCOBACTERIUM CHIMAERA IN CARDIAC SURGERY (Invited Lecture)

L.P. Perrault, J. Tardif, P. Pagé, P. Demers, D. Roy

Montreal Heart Institute, Montreal, QC, Canada

SETTING A NEW DIRECTION IN CAD AND PAD - THE COMPASS TRIAL (Invited Lecture)

D.L. Bhatt

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

OCT-GUIDED PCI: PRESENT STATUS AND FUTURE PERSPECTIVES (Invited Lecture)

T. Akasaka

Wakayama Medical University, Wakayama, Japan

DIFFERENT MODULATION OF MIRNA BY CLOPIDOGREL AND TICAGRELOR IN PATIENTS WITH NSTEMI (Invited Lecture)

L. Biasucci, C. Mandolini, M.C. Grimaldi, G. Larosa

Catholic University of Rome, Rome, Italy

THE RATIONALE FOR PERCUTANEOUS MECHANICAL CIRCULATORY SUPPORT IN CARDIOGENIC SHOCK AND PROTECTED PCI (Invited Lecture)

R. Sachdeva

Morehouse School of Medicine, Atlanta, GA, USA

CLINICAL FEASIBILITY OF A FULLY AUTOMATED 3D RECONSTRUCTION OF ROTATIONAL CORONARY X-RAY ANGIOGRAMS (Invited Lecture)

J.A. Garcia Fernandez

Orlando Health, Orlando, FL, USA

THE DISTAL LEFT RADIAL ARTERY ACCESS FOR CORONARY ANGIOGRAPHY AND INTERVENTION: A NEW ERA (Invited Lecture)

A. Lotfi

Medical Center, Springfield, MA, and Baystate Medical Center, Springfield, MA, USA

DEVELOPMENT OF A NOVEL AUTOLOGOUS HEART VALVE

Y. Takewa, Y. Nakayama, J. Shimamura, E. Tatsumi

National Cerebral and Cardiovascular Center, Osaka, Japan

A NOVEL CONCEPT IN REPAIR OF TETRALOGY OF FALLOT: PULMONARY ANNULUS Z-SCORE MAY NOT BE THE DETERMINANT FOR TRANSANNULAR PATCH ENLARGEMENT

X. Jiang, Q. Wang

Peking Union Medical College, Fuwai Hospital, National Center for Cardiovascular Diseases and Chinese Academy of Medical Sciences, Beijing, China

SATURDAY, JULY 28, 2018

11:15 – 13:30

Hall C

S25 Oral Session
CELLULAR, MOLECULAR AND GENETIC MECHANISMS OF CARDIOVASCULAR DISEASE

CONGENITAL HEART ABNORMALITIES ASSOCIATED WITH LOSS OF FUNCTION FILAMIN A GENE MUTATIONS

M. Chen, M. Hirata, C. Walsh, S. Choudhury
Boston Children's Hospital, Boston, MA, Boston, MA, USA

POLYGENIC RISK FOR DEPRESSION INCREASES RISK FOR ISCHEMIC STROKE: FROM THE STROKE GENETICS NETWORK (SIGN) STUDY

S. Wassertheil-Smoller
Albert Einstein College of Medicine, New York, NY, USA

MITOPHAGY PLAYS A PROTECTIVE ROLE IN THE DIABETIC MOUSE HEART

F. Zhao, S. Kobayashi, T. Kobayashi, Y. Huang, Y. Zhang, Q. Liang
New York Institute of Technology, New York, NY, USA

EXOME SEQUENCING AND FUNCTIONAL ANALYSIS FOR PATIENTS WITH EARLY ONSET CARDIAC CONDUCTION-SYSTEM DISEASES

K. Hayashi, A. Nomura, Y. Asano, M. Beerens, Y. Kurata, N. Fujino, H. Tada, C. MacRae, S. Takashima, M. Yamagishi
Kanazawa University Graduate School of Medicine, Kanazawa, Japan

AGE-RELATED DOWNREGULATION OF SIRT6/NRF2 SIGNAL AXIS CONTRIBUTES TO THE DECREASED HEART ISCHEMIC TOLERANCE IN OLDER MICE

D. Han, J.-W. Chen, F. Cao
Chinese PLA General Hospital, Beijing, China

EXOGENOUS GDF11 PROTECTS AGAINST MYOCARDIAL ISCHEMIA-REPERFUSION INJURY VIA ATTENUATION OF TGF- β SIGNALING PATHWAY

H. Su, J.-C. Yen, S.-S. Huang
National Yang-Ming University, Taipei, Taiwan

SUBPROTEOMIC ANALYSIS OF CARDIOMYOPATHIC CHANGES IN X-LINKED MUSCULAR DYSTROPHY

S. Murphy, M. Zweyer, R.R. Mundegar, D. Swandulla, **K. Ohlendieck**
Maynooth University, Maynooth, Ireland

ALLICIN DISRUPTS CARDIAC CAV1.2 CHANNELS VIA TRAFFICKING

D. Han, J. Sun, X. Sun, P. Liu, Y. Liu
The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

A NOVEL CACNA1C MUTATION IN A CHINESE FAMILY WITH BRUGADA SYNDROME

M. Cao, D. Han, C. Sun, J. Wu, J. Sun, G. Li
The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

SATURDAY, JULY 28, 2018

08:00 – 13:00

Poster Hall

P301 Poster Session

NON-INVASIVE CARDIAC IMAGING, NUCLEAR CARDIOLOGY AND ECHOCARDIOGRAPHY

POINT-OF-CARE ULTRASOUND IN CARDIAC ARREST: A REVIEW OF THE ASSESSMENT OF CARDIAC MOTION IN THE SETTING OF CARDIAC ARREST

W. Ciozda, A. Kimchi, **I. Kedan**

David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

THREE-DIMENSIONAL SPECKLE TRACKING ECHOCARDIOGRAPHIC EVALUATION OF BIVENTRICULAR FUNCTION IN ADOLESCENTS AND YOUNG ADULTS WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION ACQUIRED IN EARLY LIFE

L. Capotosto, G. D'Ettoire, N. Cavallari, C. Ajassa, M. Ciardi, G. Placanica, V. Vullo, C. Gaudio, **A. Vitarelli**

Sapienza University, Cardiology and Infectious Diseases Depts, Rome, Italy

UTILIZATION OF ECHOCARDIOGRAPHY IN PULMONARY EMBOLISM: A GROUND REALITY

H. Lodhi, M. Waqas, M. Khan, H. Shafiq, I. Achebe, A. Shafiq

Baptist Memorial Medical Group, Southaven, MS, USA

THREE-DIMENSIONAL SPECKLE-TRACKING ECHOCARDIOGRAPHIC ASSESSMENT OF RIGHT VENTRICULAR FUNCTION IN OBSTRUCTIVE SLEEP APNEA - EFFECTS OF CPAP THERAPY

L. Capotosto, E. Mangieri, M. Pergolini, M. Saponara, C. Gaudio, **A. Vitarelli**

Sapienza University, Rome, Italy

ECHOCONTRAST INDUCED ANGIOEDEMA

R. Samannan, M.A. Arif, U. Bhatti, E. Munzinger, S. Mathew

University of Oklahoma, Oklahoma City, OK, USA

VASODILATOR STRESS TESTING WITH NUCLEAR PERFUSION IMAGING: A POOR MODALITY FOR EVALUATION OF CORONARY ARTERY DISEASE IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK

K. Gu, A. Kaneria, N. Parikh, P. Sheredalal, S. Cho

Drexel University College of Medicine, Philadelphia, PA, USA

AN UNEXPECTED ECHOCARDIOGRAPHIC FINDING: RIGHT CORONARY ARTERY TO RIGHT ATRIAL FISTULA

J.R. Martinez-Parachini, M. Khattab, D. Gilada, I. Javed, L. Size, P. Lozano

University of Oklahoma HSC, Oklahoma City, OK, USA

A CASE OF SEVERE ASTHMA EXACERBATION COMPLICATED BY REVERSE TAKOTSUBO CARDIOMYOPATHY IN AN ADULT

S.A. Haidry, H.A. Cooper, W.S. Aronow

Westchester Medical Center, Valhalla, NY, USA

LOEY DIETZ SYNDROME AS A RARE CAUSE OF CORONARY ANEURYSMS

O. Aqtash, Y. Jawaid, A. Amro, K. Mansoor, L. Dial

Marshall University, Huntington, WV, USA

SATURDAY, JULY 28, 2018

08:00 – 13:00

Poster Hall

P302 Poster Session

PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: ASSESSMENT AND MANAGEMENT OF RISK FACTORS, LIFESTYLE CHANGES

HEALTHY LIFESTYLE FACTORS AND RISK OF ABDOMINAL AORTIC ANEURYSM IN THE PHYSICIANS' HEALTH STUDY

R. Singh, **V. Bodar**, J. Chen, L. Wang, H.D. Sesso, J.M. Gaziano, L. Djoussé
Brigham & Women's Hospital, Boston, MA, USA

TARGETED SCREENING OF THE ASSOCIATIONS BETWEEN CANDIDATE GENES AND ALCOHOL CONSUMPTION IN A HIGH CARDIOVASCULAR RISK POPULATION

O. Coltell, E.M. Asensio, J.V. Sorlí, J.I. Gonzalez, J.B. Ramírez-Sabio, D. Corella
Universitat Jaume I, Castellon, Spain

COMPARISON BETWEEN STRICT CONTROL OF RISK FACTORS AND STANDARD CONTROL IN PREVENTION OF ARTERIOSCLEROSIS

T.J. Matsubara, E. Matsubara, J. Suzuki, T. Tomaru
The University of Tokyo, Tokyo, Japan

IMPROVING THE CARDIOVASCULAR HEALTH OF PRESCHOOLERS IN A CHILDCARE SETTING

R. Natale
University of Miami School of Medicine, Miami, FL, USA

CAFFEINE INDUCED MYOCARDIAL INFARCTION

A.C. Atanda, **E. Mbey**, F. Ogundipe, D. Ugwendum, S. Folaranmi, V. Mallipeddi, J. Henry, B. Curry
Howard University Hospital, Washington, DC, USA

P303 Poster Session
STABLE ISCHEMIC HEART DISEASE

PREDICTORS OF IN-HOSPITAL MORTALITY AMONG SYSTEMIC LUPUS ERYTHEMATOUS PATIENTS WITH ACUTE MYOCARDIAL INFARCTION RESULTS FROM A LARGE NATIONAL DATABASE

O. Ola, O. Olorunfemi, A. Akinlonu, T.O. Mene-Afejuku, R. Ojo, O. Akinboro
Mayo Clinic Health System, LaCrosse, WI, USA

COLON CANCER LATERALITY IS ASSOCIATED WITH ATHEROSCLEROSIS AND CORONARY ARTERY DISEASE

S.C. Wang, J. Schulman-Marcus, J. Fantauzzi, T. Bevington, A. Sayegh, **R. Alreshq**, E. Lee, A. Ata, M. Sidhu, M. Kambam, R. Lyubarova
Albany Medical Center, Albany, NY, USA

RISK FACTOR ANALYSIS FOR PATIENTS WITH SLOW CORONARY FLOW

M. Katsnelson, M. Bhalja, J. Diez
Baylor College of Medicine, Houston, TX, USA

PREVALENCE OF CORONARY CALCIFICATION ON CT IN PATIENTS WITH ATRIAL FIBRILLATION

B.P. Schwartz
Albany Medical College, Albany, NY, USA

CLINICAL IMPLICATIONS OF microRNA SCORE IN DISCRIMINATING VASOSPASTIC ANGINA FROM ATHEROTHROMBOTIC ANGINA OR NON-CORONARY CHEST PAIN

H.-Y. Lee
Seoul National University Hospital, Seoul, Republic of Korea

ASIAN-INDIANS: A REVIEW OF CORONARY ARTERY DISEASE IN THIS UNDERSTUDIED COHORT IN THE UNITED STATES

A. Sharma, D.R. Ardeshta, T. Bob-Manuel, A. Nanda, U. Ashraf, J. Kelly, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

INTERVENTIONAL DECISION MAKING WITH FRACTIONAL FLOW RESERVE FOR CULPRIT LESIONS ASSOCIATED WITH LEFT ANTERIOR DESCENDING ARTERY MYOCARDIAL BRIDGE

H. Patel, S. Kumar, N.L. Ko Ko, J. John, P. Mathias
University of Central Florida College of Medicine/HCA GME Consortium, Kissimmee, FL, USA

SHOULD SARCOIDOSIS BE CONSIDERED A RISK FACTOR FOR DEVELOPMENT OF PREMATURE CORONARY ARTERY DISEASE: A CASE OF 40-YEAR OLD FEMALE WITH CORONARY DISEASE AND SARCOIDOSIS

M. Rodriguez Ziccardi, **S. Basharat**, O. Maludum
Einstein Medical Center, Philadelphia, PA, USA

AN UNUSUAL CASE OF ACUTE MYOCARDIAL INFARCTION WITH NORMAL CORONARY ARTERIES

S. Khare, E.S. Karreci, J. Aoun, L. Tsao
St. Elizabeth Medical Center/Tufts University School of Medicine, Brighton, MA, USA

SATURDAY, JULY 28, 2018

08:00 – 13:00

Poster Hall

P304 **Poster Session**
HEART DISEASE IN WOMEN

SPONTANEOUS CORONARY ARTERY DISSECTION, A FATAL DISEASE IN HIDING

A. Sarkar, S. Sennhauser, J. Lee, A. Llanos, M.J. Wood

University of Miami at Holy Cross Hospital, Fort Lauderdale, FL, USA

P305 **Poster Session**
HEART DISEASE IN THE ELDERLY

ABNORMAL COGNITIVE FUNCTION IN ELDERLY PATIENTS WITH HEART FAILURE

C. Techorueangwiwat, A. Ariyachaipanich

Chulalongkorn University, Bangkok, Thailand

EXAMINING VARIATIONS IN STROKE RISK FACTORS AND HOSPITAL COST BY AGE AND GENDER IN CALIFORNIA

B. Husaini

Tennessee state University, Nashville, TN, USA

PREVALENCE AND CONTROL OF HYPERTENSION IN THE ELDERLY: RESULTS FROM CHINA HYPERTENSION SURVEY, 2012-2015

Z. Wang, S. Li, X. Wang, Z. Chen, L. Zhang, Y. Dong, C. Wang, J. Wang, Y. Kang, R. Gao

National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, Beijing, China

SATURDAY, JULY 28, 2018

08:00 – 13:00

Poster Hall

P306 **Poster Session**
MISCELLANEOUS

LOW RISK PULMONARY EMBOLISM PATIENTS CAN BE DISCHARGED FROM EMERGENCY DEPARTMENT: A META-ANALYSIS

A.H. Malik

Westchester Medical Center, Harriman, NY, USA

GENERATING BIG DATA OF CARDIOVASCULAR RISK FACTORS THROUGH GEOTAGGED TWITTER MINING

J. Lee, J. Sung

Jackson State University, Madison, MS, USA

ACUTE PANCREATITIS MIMICKING ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION IN A PATIENT WITH SYNCOPE

A. Agrawal, J. Penalver, N. Sayyida, M. Rodriguez

Albert Einstein Medical Center, Philadelphia, PA, USA

TRANSIENT PULSUS ALTERNANS IN A MINIATURE PINSCHER WITH PULMONIC STENOSIS

W.A. Ware, S. Murphy, A. Cheney

Iowa State University, Ames, IA, USA

SATURDAY, JULY 28, 2018

14:00 – 16:15

Hall A

PL11 Plenary Session

CARDIOVASCULAR DISEASE: DIFFERENT STRATEGIES FOR PRIMARY AND SECONDARY PREVENTION

FASTING IS NOT NECESSARY FOR LIPID TESTING: *NIHIL PER OS NON IAM*
(Invited Lecture)

S. Mora

Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

ASPIRIN IN THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: NEED FOR INDIVIDUAL CLINICAL JUDGMENTS (Invited Lecture)

C.H. Hennekens, S.K. Wood, D.D. DeMets, M.A. Pfeffer

Charles E. Schmidt College of Medicine, Florida Atlantic University, Boca Raton, FL, USA

OPTIMIZING STATIN UTILIZATION AND TREATMENT ADHERENCE AMONG PATIENTS WHO DISCONTINUE STATINS DUE TO ADVERSE MUSCLE EVENTS - A PERSONALIZED APPROACH (Invited Lecture)

R.S. Rosenson

Icahn School of Medicine at Mount Sinai, New York, NY, USA

LIFE SIMPLE SEVEN AND INCIDENCE OF CORONARY ARTERY DISEASE: THE MILLION VETERAN PROGRAM (Invited Lecture)

L. Djousse

Harvard Medical School, Boston, MA, USA

TESTOSTERONE AND CARDIOVASCULAR DISEASE (Invited Lecture)

J. Shirani

St. Luke's University Health Network, Bethlehem, PA, USA

UPDATE ON PREOP EVALUATION OF PATIENTS UNDERGOING NON-CARDIAC SURGERY (Invited Lecture)

M. Movahed

CareMore and University of Arizona, Tucson, AZ, USA

HEARTFUL LIVING: PROGRAM FOR IMPROVING HEALTH & LIFESTYLE THROUGH SELF-AWARENESS (Invited Lecture)

A. Chockalingam

University of Missouri, Columbia, MO, USA

CARDIOVASCULAR DISEASE RISK AND MENOPAUSE: WHAT HAVE WE LEARNED FROM SWAN? (Invited Lecture)

S.R. El Khoudary

Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA, USA

SEX DIFFERENCES IN EXERCISE DURATION TIME AND RISK OF CARDIOVASCULAR DISEASE EVENTS IN HEALTHY ADULTS (Invited Lecture)

R. Herscovici, E. Maor, J. Mirocha, I. Goldenberg, S. Segev, **Y. Charuzi**

Cedars- Sinai Smidt Heart Institute, Los Angeles, CA, USA

SATURDAY, JULY 28, 2018

14:00 – 16:00

Hall B

PL12 Plenary Session

VASCULAR BIOLOGY OF ATHEROSCLEROSIS: ROLE IN DISEASE PATHOGENESIS AND AS A THERAPEUTIC TARGET

MODULATION OF INFLAMMATORY VASCULITIS (IVS) AND ANTI-INFLAMMATORY TREATMENT BY THE GUT MICROBIOTA - A MOUSE HERPESVIRUS IVS MODEL (Invited Lecture)

A. Lucas, J.R. Yaron, S. Ambadapadi, L. Zhang
Personalized Diagnostics, Biodesign Institute, Arizona State University, Tempe, Arizona

DOWNREGULATION OF ENDOTHELIAL BETA-2 SPECTRIN BY INCREASED PLAQUE STIFFNESS INDUCES A LEAKY VESSEL PHENOTYPE IN ATHEROSCLEROTIC PLAQUE MICROVASCULATURE (Invited Lecture)

E.A. Biessen
University, Maastricht, Netherlands

WHAT IF WE HAD A GOOGLE MAP OF THE HUMAN VASCULATURE (Invited Lecture)

Z.S. Galis
National Institutes of Health, Bethesda, MD, USA

CARDIOVASCULAR AGING AND BIOLOGICAL PATHS TO RESILIENCE (Invited Lecture)

S. Cheng
Brigham and Women's Hospital, Boston, MA, USA

DISTINCT ROLES OF CALCIUM & CYCLIC AMP IN ANGIOTENSIN II-INDUCED EXPRESSION OF EARLY GROWTH RESPONSE FACTOR-1 (EGR-1) IN VASCULAR SMOOTH MUSCLE CELLS (Invited Lecture)

A.K. Srivastava
CRCHUM, University of Montreal, Montreal, QC, Canada

TURNING TRASH TO TREASURE: TARGETING NON-CODING RNAs TO CONTROL ATHEROSCLEROSIS (Invited Lecture)

M.W. Feinberg
Brigham and Women's Hospital/Harvard Medical School, Boston, MA, USA

THE HYDROGEL-ENCAPSULATED T0901317 REDUCES ATHEROSCLEROSIS WITHOUT EFFECT ON LIPOGENESIS IN APOE DEFICIENT MICE (Invited Lecture)

C. Ma, K. Feng, X. Yang, Y. Chen, Q. Li, Z. Yang, Y. Duan, **J. Han**
Nankai University, Tianjin, China

LYSOSOMAL CYSTEINE PROTEASES AND DISTURBANCES OF THEIR REGULATION IN ATHEROSCLEROSIS (Invited Lecture)

T.A. Korolenko, T.P. Johnston, A.B. Shintyapina
Institute of Physiology and Basic Medicine, Novosibirsk, Russia

SATURDAY, JULY 28, 2018

14:00 – 17:00

Hall C

S26 Oral Session

CARDIAC ARRHYTHMIAS AND SUDDEN DEATH: FROM BASIC MECHANISMS TO STATE-OF-THE-ART MANAGEMENT

PACEMAKER/ICD IN THE MRI ENVIRONMENT; BEYOND THE MAGNASAFE TRIAL
(Invited Lecture)

R.W. Biederman, L. Gevenosky, H. Samar, R.B. Williams, R. Lombardi, M. Shah, C. Bonnet, M. Doyle
Allegheny General Hospital, Pittsburgh, PA, USA

THERAPEUTIC HYPOTHERMIA IN CARDIAC ARREST SURVIVORS WITH PRE-EXISTING CONGESTIVE HEART FAILURE IS NEPHROPROTECTIVE

A. Dutta, K. Hari, H.R. Jogu, U. Nasir, A. Pal, W. Qureshi
Wake Forest Baptist Health, Winston Salem, NC, USA

INFLUENCE OF ANTICOAGULATION ON STROKE AND MORTALITY RATES IN A SUBSET OF PATIENTS WITH ATRIAL FIBRILLATION: REAL WORLD OUTCOMES FROM REVIEW OF A LARGE ELECTRONIC DATABASE

E.A. Bucklew, R. Bazaz, S. Koscumb, O. Marroquin, S. Saba, S. Jain, E. Adelstein
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

ANALYSIS OF REMOTE MAGNETIC CATHETER NAVIGATION SYSTEMS USE FOR ABLATION PROCEDURES OVER TIME

E. Aziz, **O. Reynbakh**, I. Khan, S. Sadiq, N. Souvaliotis, J. Aziz, A. Malinay, P. Boktor, D. Mehta
Mount Sinai St Luke's and Mount Sinai West Hospitals, New York, NY, USA

TEMPERATURE INTOLERANCE AS A COMMON SYMPTOM IN POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME

H. Ahmad, W. Almardini, M.A. Nasri, S.B. Alam, H. Mistry, N. Joy, K. Munez, S. Alam, A. Suleman
Cardiology, The Heartbeat Clinic, McKinney, TX, USA

PREVALENCE OF PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA (PSVT) IN THE UNITED STATES IN PATIENTS UNDER 65 YEARS OF AGE

N.C. Sacks, P.L. Cyr, S. Bariahtaris, A. Sharma, S.G. Green, P. Douville, J.N. Ruskin
Precision Xtract, Boston, MA, USA

BOTH BYSTANDER'S OWN AND DISPATCHER-ASSISTED RESUSCITATION EFFORTS ARE DEPRESSED DURING NIGHTTIME IN OUT-OF-HOSPITAL CARDIAC ARRESTS WITNESSED BY NON-FAMILY BYSTANDERS

H. Inaba, A. Yamashita, Y. Wato, T. Maeda
Kanazawa University Graduate School of Medicine, Kanazawa, Japan

OUTCOMES OF CATHETER ABLATION OF ATRIAL FIBRILLATION IN PATIENTS WITH DIABETES MELLITUS

M. Bengaluru Jayanna, A.M. Mohsen, G. Palamaner Subash Shantha, **C.J. Dezorzi**, M.C. Giudici
University of Iowa Hospitals and Clinics, Iowa City, IA, USA

SATURDAY, JULY 28, 2018

14:00 – 17:00

Hall C

S26 Oral Session

CARDIAC ARRHYTHMIAS AND SUDDEN DEATH: FROM BASIC MECHANISMS TO STATE-OF-THE-ART MANAGEMENT (continued)

THE ASSOCIATION BETWEEN PLASMA BIG ENDOTHELIN-1 LEVELS AT ADMISSION AND LONG-TERM OUTCOMES IN PATIENTS WITH ATRIAL FIBRILLATION

S. Wu, Y.M. Yang

National Center for Cardiovascular Diseases, Fuwai Hospital, Beijing, China

A BENEFIT OF IMPELLA DEVICE IN ABLATION OF SCAR RELATED VENTRICULAR TACHYCARDIA

N.L. Ko Ko, U. Batnyam, U.R. Siddiqui

University of Central Florida, Orlando, FL, USA

NON-SUSTAINED AND INDUCIBLE SUSTAINED VENTRICULAR TACHYCARDIA IN PACEMAKER PATIENTS

Y. Hanna, M. Arulthasan, W.-C. Sheu, D.A. Bloomfield

Richmond University Medical Center, Staten Island, NY, USA

PURKINJE-FIBER MEDIATED VENTRICULAR ECTOPY INDUCED VF STORM FOLLOWING ANTERIOR WALL MYOCARDIAL INFARCTION

E. Pagan, A. Alam, A. Aboyme, G. Siroky, W. Kostis, J. Coromilas, J. Kassotis, A. Saluja

Rutgers - Robert Wood Johnson University Hospital, New Brunswick, NJ, USA

S27 Oral Session
CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT

ASSOCIATION BETWEEN 2017 HIGH BLOOD PRESSURE CLINICAL PRACTICE GUIDELINE NEWLY-DEFINED HYPERTENSION AND CHANGE IN BLOOD PRESSURE ON CARDIOVASCULAR DISEASE AMONG YOUNG ADULTS

J. Son, **S. Choi**, K. Kim, S. Kim, G. Lee, S.-M. Jeong, S. Park, Y.-Y. Kim, J.-M. Yun, S. Park
Seoul National University, Seoul, Republic of Korea

PREFERABLE EFFECTS OF AMLODIPINE/DIURETICS TO AMLODIPINE/TELMISARTAN ON VISIT-TO-VISIT VARIABILITY OF BLOOD PRESSURE IN HIGH-RISK HYPERTENSIVE PATIENTS

P.P. Lu, P. Fan, L.Y. Ma, A.H. Hu, W. Wang, L.S. Liu, L.H. Ma, X.L. Zhou
Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China

MOODINESS AND DEPRESSIVE SYMPTOMS IN ADOLESCENCE PREDICTS OBESITY AND HYPERTENSION IN ADULTHOOD

K. Anand, S. Srinivas, S. Rajendran, A. Chockalingam
University of Missouri, Columbia, MO, USA

PREDICTORS OF HIGH ON-ASPIRIN PLATELET REACTIVITY IN CHINESE ELDERLY PATIENTS

W. Ou, X. Chen, M. Liu, B. Huang, X. Feng, W. Liu, M. Liu
Peking University First Hospital, Beijing, China

PREVENT AND INTERCEPT AMI (ACUTE MYOCARDIAL INFRACTION) RISK WITH AN ARTIFICIAL INTELLIGENT SYSTEM

L. Ma, L. Tao, C.W. Ma, Y. Ge, M. Han, G. Li, L. Ma, Z. Wu, P. Yu, Y. Yang
Beijing Yiwan Technologies, Beijing, China

ASSOCIATION BETWEEN AIR POLLUTION AND CARDIOVASCULAR DISEASES DURING DUST STORMS IN TAIWAN

H.-R. Guo, S.-W. Yang
National Cheng Kung University, Tainan, Taiwan

CARDIOVASCULAR SAFETY AND POTENTIAL BENEFIT OF 5-ALPHA REDUCTASE INHIBITOR USE AMONG MALES AND BPH PATIENTS, A KOREAN NATIONAL COHORT

J. Chang, S. Park
Seoul National University Graduate School, Seoul, Republic of Korea

CARDIOVASCULAR DISEASE IN HIV INFECTED PATIENTS - A RETROSPECTIVE REVIEW AT A SINGLE CENTER IN MIAMI

G. Zablak, F. Pyarali, R. Jordanov, T. Haque, R. Parmar, C. Martinez
University of Miami/Jackson Memorial Hospital, Miami, FL, USA

THE ROLE OF THE CARDIOLOGIST IN THE PREOPERATIVE EVALUATION OF THE BARIATRIC SURGERY PATIENT

L.A. Bucklew, E.A. Bucklew
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

SATURDAY, JULY 28, 2018

16:45 – 19:30

Hall A

S27 Oral Session
CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT (continued)

ASSOCIATION BETWEEN SMOKELESS-TOBACCO USE AND CARDIOVASCULAR DISEASE: AN ANALYSIS OF THE 2015 BRFSS DATA

P. Ndunda, D. Rakestraw

University of Kansas School of Medicine - Wichita, Wichita, KS, USA

IDEAL CARDIOVASCULAR HEALTH STATUS AND RISK OF CARDIOVASCULAR DISEASE OR ALL-CAUSE MORTALITY IN A CHINESE MIDDLE AGED POPULATION

Y. Dong, G. Hao, Z. Wang, X. Wang, Z. Chen, L. Zhang

NCCD, Fuwai Hospital, Pecking Union Medical College, CAMS, Beijing, China

S28 Oral Session

HEART FAILURE: NOVEL RISK FACTORS, PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOMES

BETA3-ADRENERGIC RECEPTOR BLOCKADE BY APD418 ENHANCES CARDIAC POSITIVE INOTROPIC AND LOSITROPIC RESPONSES TO DOBUTAMINE IN HEART FAILURE ASSESSMENT BY PRESSURE-VOLUME ANALYSIS

X. Zhang, Z. Zhang, T. Li, H.-J. Cheng, D. Deal, J. Jordan, J. Adams, **C. Cheng**
Wake Forest School of Medicine, Winston-Salem, NC, USA

NOVEL HEART FAILURE PROTOCOL DRAMATICALLY REDUCES HOSPITAL READMISSIONS FROM SKILLED NURSING FACILITIES

N.J. Trivedi, K. Duffy, J. Bander, A. Ali, R. Bhandari
Mount Sinai Hospital System, New York, NY, USA

ELEVATED SERA SST2 PREDICTS HEART FAILURE IN MEN UNDER THE AGE OF 50 WITH CLINICAL SUSPECTED MYOCARDITIS

K.A. Bruno, M. Coronado, L. Blauwet, E. Douglass, E. Abston, J. Frisancho, M. Greenaway, A. Hill, L. Cooper, Jr., D. Fairweather
Mayo Clinic, Jacksonville, FL, USA

A STUDY TO IDENTIFY THE PREDICTORS OF RE-ADMISSIONS IN PATIENTS WITH CONGESTIVE HEART FAILURE IN MINORITY POPULATION IN AN INNER-CITY HOSPITAL

S. Hanif, **P. Kakarla**, N. Bhalodkar, A. Zhang, G. Kamalakannan
Bronx Lebanon Hospital Center, Bronx, NY, USA

ASSOCIATION BETWEEN CHRONIC KIDNEY DISEASE AND READMISSION RATE IN PATIENTS HOSPITALIZED WITH HEART FAILURE

R. Alreshq, H. Patel, S. Purga, S. Fein, E. Philbin, M. Torosoff, R. Lyubarova
Albany Medical College, Albany, NY, USA

VASOACTIVE AGENT EXPOSURE PRIOR TO ACUTE MECHANICAL CIRCULATORY SUPPORT FOR CARDIOGENIC SHOCK IS ASSOCIATED WITH END ORGAN DYSFUNCTION AND MORTALITY

A. Razavi, K. Morine, M. Esposito, S. Annamalai, C. Davila, R. Pedicini, L. Jorde, K. Gobeil, J. Hernandez-Montfort, N. Kapur
Tufts Medical Center, Boston, MA, USA

PREVALENCE OF COGNITIVE IMPAIRMENT AND EFFECT ON REHOSPITALIZATION IN PATIENT WITH ACUTE HEART FAILURE

J. Kewcharoen, C. Techorueangwiwat, W. Laosanguanek, T. Tiensuntisook, A. Ariyachaipanich
Chulalongkorn University, Bangkok, Thailand

ASSESSING THE COMPONENTS OF THE NEWLY REPORTED ASA SCORE

A. Mukherjee, A. Alam, C. Maulion, E. Pagan, J. Xu, D. James, J. Cheng, D. Iyer, K. Mody, J. Almendral
Rutgers - Robert Wood Johnson University Hospital, Rahway, NJ, USA

SATURDAY, JULY 28, 2018

16:45 – 19:30

Hall B

S28 Oral Session
HEART FAILURE: NOVEL RISK FACTORS, PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOME (continued)

VALIDATION OF THE ARABIC VERSION OF THE MINNESOTA LIVING WITH HEART FAILURE QUESTIONNAIRE

S. Nouredine, M. Zahwe, H. Isma'eel, H. Tamim, A. Al Hajje, S. Rachidi, H. Skouri
American University of Beirut, Beirut, Lebanon

CONTEMPORARY RETROSPECTIVE REVIEW OF HEART FAILURE READMISSIONS AT AN ACADEMIC MEDICAL CENTER

M. Almnajam, M. Ghanim, **G. Yesodharan**, M. Afari, L. Tsao
St Elizabeth's Medical Center, Boston, MA, USA
Ain Shams University, Cairo, Egypt

PREDICTORS OF HYPERBILIRUBINEMIA AMONG PATIENTS WITH NON-ISCHEMIC HEART FAILURE AND PROGNOSTIC IMPLICATIONS

T.O. Mene-Afejuku, A. Akinlonu, P.D. Lopez, **C. Dumancas**, E.A. Symonds, A. Alisasis, O. Alsalman, G. Pekler, S. Mushiyevev, F. Visco
New York Medical College, Metropolitan, New York, NY, USA

SATURDAY, JULY 28, 2018

17:00 – 18:30

Hall C

S29 Oral Session

DIAGNOSIS AND MANAGEMENT OF AORTA AND PERIPHERAL VASCULAR DISEASES

DO EMERGENCY MEDICAL SERVICE SYSTEMS PROPERLY ASSESS THE RISK OF ACUTE AORTIC SYNDROME AND TRANSPORT THE PATIENTS TO THE RIGHT HOSPITALS? IMPACT OF EMS ASSESSMENT AND TRANSPORTATION IN OUTCOMES

H. Inaba, A. Yamashita, Y. Yoshita, Y. Wato
Kanazawa University Graduate School of Medicine, Kanazawa, Japan

THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE: RESULTS FROM THE CHINA HYPERTENSION SURVEY, 2012-2015

Z. Wang, X. Wang, L. Zhang, Z. Chen, Y. Dong, C. Zheng, J. Wang
National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, BEIJING, China

PROFILES OF PERIPHERAL ARTERIAL DISEASE INTERVENTIONS IN A NETWORK OF FREESTANDING OUTPATIENT CLINICS

D. Cross, K. Bemis, N. Marwah, J. Larkin, L. Usvyat, R. Lombardo, A. Odhav, T. Das, B. Le, F. Maddux
National Cardiovascular Partners, Houston, TX, USA

NOVEL MURINE DEEP VENOUS THROMBOSIS (DVT) MODEL ENABLES REAL-TIME IN VIVO IMAGING OF CLINICALLY RELEVANT DVT

M. Okano, T. Hara, Y. Irino, S. Kobayashi, M. Shinohara, R. Toh, T. Ishida, K.-I. Hirata
Kobe University Graduate School of Medicine, Kobe, Japan

METABOLIC BIOMARKERS OF CAROTID ATHEROSCLEROSIS IN CHINESE MIDDLE-AGED AND ELDERLY MEN

W. Liu, M. Liu, Y. Yang, Y. Liu
Peking University First Hospital, Beijing, China

HIGH PREVALENCE OF INTERNAL ELASTIC LAMINA CALCIFICATION IN AN ELDERLY POPULATION: A CADAVERIC STUDY

J.D. Davidov, D. Moussouros, H.J. Begmatov, S. Cheema, A. Sherwani, Z. Ghani, K. Damiris, B.L. Beatty, M.M. Plummer, O.V. Savinova
NYIT College of Osteopathic Medicine, Old Westbury, NY, USA

SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P401 Poster Session

ATRIAL FIBRILLATION: CAUSES, SYMPTOMS AND TREATMENT

THE LEFT ATRIAL APPENDAGE FRACTAL DIMENSION IN ATRIAL FIBRILLATION

R.A. Kabadi, V. Singh, M. Keroles, V. Rajendran, D. Frisch, B. Pavri, B. Sundaram,
S. Guo, J. Jacobson, T. Nag

Thomas Jefferson University Hospital, Philadelphia, PA, USA

AGREEMENT BETWEEN A MEDTRONIC PACEMAKER AND LINQ IN REPORTING
PAROXYSMAL ATRIAL FIBRILLATION

J. Kneller

Astria Heart Institute, Yakima, WA, USA

PULMONARY VEIN STENOSIS AFTER RADIOFREQUENCY ABLATION FOR ATRIAL
FIBRILLATION

G. Li, J. Sun, **D. Han**, J. Wu, C. Sun, L. Xu

The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

THE BLEB THAT BLED, A HITHERTO UNREPORTED CASE OF HEMOTHORAX OCCURRING
AS A COMPLICATION OF ELECTRODE CATHETER ABLATION TO TREAT ATRIAL
FIBRILLATION

H.E. Matos Santana, S. Winters, D. Markley, C. Fabrizio

Morristown Medical Center, Morristown, NJ, USA

P402 Poster Session
SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY

PREDICTION OF “SUPER-RESPONSE” TO CARDIAC RESYNCHRONIZATION THERAPY BY SURFACE ECG FINDINGS IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK - A PILOT STUDY

N. Kocovic, J. Newland, A. Carleen, M. DeCaro, B. Pavri
Sidney Kimmel Medical College, Philadelphia, PA, USA

A REVIEW OF SUDDEN UNEXPLAINED NOCTURNAL DEATH SYNDROME (SUNDS) AND THE ROLE OF EXTERNAL STRESS IN SOUTHEAST ASIAN POPULATIONS

K. Lo
UCLA, Los Angeles, CA, USA

PHYSICIAN PERCEPTION SURVEY REGARDING ABBOTT (FORMERLY ST. JUDE) CYBERSECURITY VULNERABILITIES AND FIRMWARE UPGRADE FOR PACEMAKERS

T. Dar, B. Yarlagadda, L.D. Berenbom, M. Emert, D. Atkins, M. Reddy, R. Dendi, R.C. Pimentel, D. Lakkireddy, S.H. Sheldon
University of Kansas Medical Center, Kansas City, KS, USA

RUNNING TO A STANDSTILL: CARDIAC ARREST IN A HEALTHY MARATHON RUNNER WITH A MYOCARDIAL BRIDGE

A. Cubberley, C. Ngongang, S. Banka
Drexel University College of Medicine/Hahnemann University Hospital, Philadelphia, PA, USA

A HIDDEN CASE OF HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY RELATED SUDDEN CARDIAC ARREST UNDER THE GUISE OF ACUTE ST ELEVATION MYOCARDIAL INFARCTION IN AN ELDERLY MALE

M. Anderson, M. Rodriguez Ziccardi
Albert Einstein Medical Center, Philadelphia, PA, USA

WEARABLE CARDIOVERTER DEFIBRILLATOR “THE LIFEVEST”:
DEVICE DESIGN, LIMITATIONS, AND AREAS OF IMPROVEMENT

V. Chinta, M. Agarwal, N. Khouzam, A. Nanda, U. Ashraf, J. Kelly, I. Pour-Ghaz, A. Sharma
R. Khouzam
Arkansas Methodist Medical Center, Jonesboro, AR, USA

A RARE CASE OF PACEMAKER-DEFIBRILLATOR DEVICE INFECTION CAUSED BY *ACHROMOBACTER XYLOSOXIDANS*

S.A. Raza, R. Collazo-Maldonado, L. Hunter
Methodist Health System- Dallas, Dallas, TX, USA

TWIDDLER'S SYNDROME IN A PATIENT WITH TARDIVE DYSKINESIA

S. Shrestha, A.C. Shah, M. Polomsky, S.L. Winters
Morristown Medical Center, New Jersey, NJ, USA

SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P403 Poster Session
ARRHYTHMIAS AND ELECTROPHYSIOLOGY

CLINICAL CHARACTERISTICS AND OUTCOMES IN PATIENTS UNDERGOING
TRANSCATHETER AORTIC VALVE REPLACEMENT WITHOUT LVH BY VOLTAGE CRITERIA
R. Zhang, **K. Keller**, S. Jou, A. Nappi, M. El-Hajjar, A. Delago, M. Torosoff
Albany Medical Center, Albany, NY, USA

ELECTROCARDIOGRAPHIC ABNORMALITIES IN SICKLE CELL PATIENTS IN A MAJOR
METROPOLITAN CENTER
S.M. Chiadika, A.J. Serauto-Canache, M. Kwak, W. Yang, **K.C. Pabba**, M. Idowu
University of Texas Health Science Center at Houston, Houston, TX, USA

PREVALENCE AND CLINICAL IMPLICATIONS OF LEFT VENTRICULAR HYPERTROPHY BY
VOLTAGE CRITERIA IN TAVR RECIPIENTS
R. Zhang, **K. Keller**, S. Jou, A. Delago, M. El-Hajjar, A. Nappi, M. Torosoff
Albany Medical Center, Albany, NY, USA

ELECTROCARDIOGRAPHIC PREDICTORS OF ARRHYTHMIA AFTER TRANSJUGULAR
INTRAHEPATIC PORTOSYSTEMIC SHUNT
J.L. Penalver, A. Agrawal, P. Ram, M. Rodriguez Ziccardi, D. Brito, F. Aguilar, M. Pitteloud,
A. Mora, V. Figueredo
Einstein Medical Center, Philadelphia, PA, USA

INTRAVENOUS SALINE PROVIDES SYMPTOMATIC RELIEF FOR PATIENTS WITH
POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME (POTS)
W. Almardini, M.A. Nasri, H. Mistry, S.B. Alam, N. Joy, K. Munez, S. Alam, A. Suleman
The Heartbeat Clinic, McKinney, TX, USA

HYPOTHYROIDISM IN POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME (POTS)
PATIENTS
W. Chaudhary, M.A. Nasri, W. Almardini, N. Chaudhary, S. Alam, S.B. Alam, H. Mistry,
K. Munez, N. Joy, A. Suleman
The Heartbeat Clinic, McKinney, TX, USA

FEVER-INDUCED BRUGADA PATTERN IN A HISPANIC PATIENT
J.M. Stempel, A. Tiu, N. Candelario, A. Mora, D. Brito
Albert Einstein Medical Center, Philadelphia, PA, USA

SLOW VENTRICULAR TACHYCARDIA
M.A. Arif, R. Samannan, U. Bhatti, C.H. May
University of Oklahoma, Oklahoma City, OK, USA

CALMING THE STORM - A CHALLENGING PRESENTATION OF A PATIENT WITH
ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY AND RECURRENT
VENTRICULAR TACHYCARDIA
N.K.O. Onuorah, A. Ekiz, J. Pollock
Wright State University, Dayton, OH, USA

SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P403 Poster Session
ARRHYTHMIAS AND ELECTROPHYSIOLOGY (continued)

FASCICULAR VENTRICULAR TACHYCARDIA IN A 28-YEAR-OLD MALE WITH FUNGAL INFECTION

J.L. Penalver, M. Zabad, E. Franco, F. Aguilar, S. Basharat, A. Mora, S. Mainigi, B. Cepeda
Einstein Medical Center, Philadelphia, PA, USA

BRUGADA PHENOCOPY, NOT A COPY OF BRUGADA SYNDROME

M. Patel, A. Patel, A. Goud, A. Mukherjee, I. Alesh, R. Pai, P. Sethi
University of California, Riverside, Riverside, CA, USA.

REFRACTORY ELECTRICAL STORM IN CHAGAS CARDIOMYOPATHY:
IS HEART TRANSPLANT THE LAST OPTION?

I.C. Pinheiro, J.R.F. Rocha, **M.C. Caires**, P.B. Villela, L.R. Siqueira, A.T. Alencar,
P.A. Sampaio, A.S. Sousa, R.M. Ferreira
Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

LEV'S DISEASE IN A YOUNG ADULT WITH BICUSPID AORTIC VALVE

S. Vallabhaneni, R. Aurshiya, S.J. Meera, S. Pakniyat, D. Traub, J. Shirani
St.Luke's University Health network, Bethlehem, PA, USA

SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P404 Poster Session
PERCUTANEOUS CORONARY INTERVENTION

LONG TERM COMPARISON OF PLATINUM CHROMIUM-BASED EVEROLIMUS-ELUTING STENT VERSUS COBALT CHROMIUM-BASED ZOTAROLIMUS-ELUTING STENT: 3-YEAR OUTCOMES FROM THE HOST-ASSURE RANDOMIZED CLINICAL TRIAL

K. Park, C. Kim, J. Kang, H.-S. Kim
Seoul National University Hospital, Seoul, Republic of Korea

RADIAL VS FEMORAL ACCESS IN PATIENTS WITH HISTORY OF CORONARY ARTERY BYPASS GRAFTING (CABG) WHO ARE UNDERGOING DIAGNOSTIC CORONARY ANGIOGRAPHY VS PERCUTANEOUS CORONARY INTERVENTION (PCI): META-ANALYSIS

A. Amro, M. Kanbour, H. Hirzallah, O. Aqtash, A. El-Hamdani, Y. Numan, Y. Abdelazeez, K. Mansour, M. El-Hamdani
Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA

SIMPLIFIED TECHNIQUE FOR CORONARY ANGIOGRAPHY IN PATIENTS WITH DEXTROCARDIA WITH SITUS INVERSUS

J. Crisafi, A. Agarwal
Kettering Medical Center/Dayton VA Medical Center, Dayton, OH, USA

SAME DAY DISCHARGE PCI: HIGH CLINICAL RISK PATIENTS

J. Telayna, Jr., E. Martino, R. Costantini, J. Telayna, Sr.
Hospital Universitario Austral, Pilar - Buenos Aires, Argentina

SAME DAY DISCHARGE PCI: HIGH ANGIOGRAPHIC RISK

J. Telayna, Jr., R. Costantini, Sr., E. Martino, Sr., J. Telayna, Sr.
Hospital Universitario Austral, Pilar - Buenos Aires, Argentina

IMPELLA VERSUS INTRA-AORTIC BALLOON PUMP IN CARDIOGENIC SHOCK POST PERCUTANEOUS CORONARY INTERVENTION

N. Shah
Internal Medicine, St Mary Mercy Hospital, Livonia, MI, USA

ROTATIONAL ATHERECTOMY OF A COMPLEX CALCIFIC VENOUS BYPASS GRAFT

I. Baig, S. Ahmed, C. Patel, S. Green
Geisinger Medical Center, Danville, PA, USA

POSSIBLE ACUTE MYOCARDIAL INFARCTION AND HYPOTENSION: THE UTILITY OF ECHOGRAM

A. Sayed, W. Aronow, R. Timmermans
Westchester medical center, Valhalla, NY, USA

SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P405 Poster Session
ANTITHROMBOTIC AND ANTIPLATELET THERAPY

PRASUGREL STILL NEEDS MORE ATTENTION!!!!!!!!!!!!

A. Amro, O. Aqtash, H. Hirzallah, Y. Numan, R. Sayyed
Marshall University Joan C. Edwards School of Medicine., Huntington, WV, USA

USE OF NEW THIENOPYRIDINES IN PATIENTS WITH CORONARY ARTERY DISEASE
TREATED WITH PERCUTANEOUS CORONARY INTERVENTIONS IN ARGENTINA. RESULTS
FROM A "REAL WORLD" MULTICENTER REGISTRY

A.M. Rodriguez-Granillo, C. Haiek, M. Larribau, C. Fernandez-Pereira, J. Mieres,
R. Sarmiento, A. Pocoví, W. Pan, Z. Ming, **A.E. Rodriguez**
Centro de Estudios en Cardiología Intervencionista (CECI), Buenos Aires, Argentina

RECURRENT PULMONARY EMBOLISM DESPITE BEING ON RIVAROXABAN

M. Ghanim, S. Hegde, A. Vaziri
Saint Elizabeth Medical Center, Brighton, MA, USA

HOW SAFE ARE NEWER ANTICOAGULANTS AND THEIR REVERSAL ANTIDOTES:
A CASE REPORT ON RISK-BENEFIT DILEMMA

N. Shah
St Mary Mercy Hospital, Livonia, MI, USA

SUNDAY, JULY 29, 2018

08:30 – 11:00

Hall A

PL13 Plenary Session

CORONARY ARTERY DISEASE: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS AND TREATMENT

THE ASSOCIATION OF CONCOMITANT SERUM POTASSIUM AND GLUCOSE LEVELS AND IN-HOSPITAL MORTALITY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION (Invited Lecture)

Y. Plakht, A. Shiyovich, H. Gilutz
Ben-Gurion University of the Negev, Beer-Sheva, Israel

SPONTANEOUS CORONARY ARTERY DISSECTION: FURTHER INSIGHTS UTILISING BIG DATA (Invited Lecture)

R. Potluri
ACALM, Birmingham, UK

DAYLIGHT SAVING TIME AND ACUTE MYOCARDIAL INFARCTION: DOES A GENDER-ORIENTED DIFFERENCE EXIST? (Invited Lecture)

R. Manfredini, F. Fabbian, B. Zucchi, R. Cappadona
Center for Studies on Gender Medicine, University of Ferrara, Ferrara, Italy

INDIVIDUALIZATION OF OPTIMAL TREATMENT FOR STABLE ANGINA PECTORIS: AN ONGOING CHALLENGE (Invited Lecture)

U. Thadani
University of Oklahoma HSC, Oklahoma City, Oklahoma and VA Medical Center, Oklahoma City, OK, USA

ENHANCING INFLAMMATION RESOLUTION IN ACUTE CORONARY ARTERY DISEASE: THE NEXT FRONTIERS FOR THERAPY? (Invited Lecture)

J.G. Filep
University of Montreal, Montreal, QC, Canada

INTRAVASCULAR ULTRASOUND (IVUS): CURRENT STATUS AND FUTURE PROSPECTS (Invited Lecture)

M. Terashima
Toyohashi Heart Center, Toyohashi, Japan

PLACEBO: POWER OF NON-SPECIFIC TREATMENT EFFECTS (Invited Lecture)

G. Barsness
Mayo Clinic, Rochester, MN, USA

EMS GUIDED PRIMARY PCI MADE A DRAMATIC IMPACT ON POSITIVE STEMI CARE (Invited Lecture)

H. Reddy, R.C. Komatireddy, R. Sharma
University of Arkansas Medical School, Little Rock, AR, and St. Louis University Medical School, St. Louis, MO, USA

ATHEROSCLEROSIS IN ANCIENT MUMMIES (Invited Lecture)

M. Madjid
McGovern School of Medicine, Houston, TX, USA

SUNDAY, JULY 29, 2018

08:30 – 11:00

Hall A

PL13 Plenary Session

CORONARY ARTERY DISEASE: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS AND TREATMENT (continued)

THE NOVEL SMALL LEUCINE RICH-REPEAT PROTEIN PODOCAN IS A SELECTIVE SYSTEMIC AND LOCAL REGULATOR OF SMOOTH MUSCLE CELL FUNCTION VIA THE CANONICAL WNT-PATHWAY: LESSONS LEARNED IN MICE AND MEN (Invited Lecture)

R. Hutter

Bassett Medical Center, Cooperstown, NY, USA

SUNDAY, JULY 29, 2018

08:30 – 10:45

Hall B

PL14 Plenary Session
STEPS FORWARD IN UNDERSTANDING AND MANAGEMENT OF CARDIOMYOPATHY AND HEART FAILURE: BASIC AND CLINICAL

THROMBOLYTICS VERSUS PUMP EXCHANGE IN VAD MANAGEMENT: SHOULD WE USE A TAILORED APPROACH? (Invited Lecture)

N. Nair

Texas Tech Health Sciences Center, Lubbock, TX, USA

DO NEW STUDIES/DEVICES TIP THE BALANCE TO EARLIER LVAD IMPLANTATION AS DESTINATION THERAPY? (Invited Lecture)

M.R. Johnson

University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

GENETICS IN THE MANAGEMENT OF DILATED CARDIOMYOPATHY (Invited Lecture)

L. Mestroni

University of Colorado Anschutz Medical Campus, Aurora, CO, USA

TARGETING CaMKII IN HEART FAILURE (Invited Lecture)

Y. Wang, J. Cheng

Zhongnan Hospital of Wuhan University, Wuhan, China

HOME HOSPITALIZATION FOR ACUTE DECOMPENSATED HEART FAILURE: OPPORTUNITIES AND STRATEGIES FOR IMPROVED HEALTH OUTCOMES (Invited Lecture)

M. Silver

University of Illinois, Chicago, IL, USA

MECHANISMS OF DCM DUE TO CELL CYCLE STRESS (Invited Lecture)

B.S. Tuana

University of Ottawa, Ottawa, ON, Canada

SILENCING OF THE CARDIAC 18-kDa TRANSLOCATOR PROTEIN PREVENTS HEART FAILURE DUE TO PRESSURE OVERLOAD (Invited Lecture)

S. Schaefer, E.N. Dedkova, P.N. Thai

University of California Davis, Davis, CA, USA

THE TRIALS AND TRIBULATIONS OF SLOW CONTINUOUS ULTRAFILTRATION FOR MANAGEMENT OF ACUTE HEART FAILURE - AN UPDATE FOR 2018 (Invited Lecture)

A. Kazory

University of Florida, Gainesville, FL, USA

IMPACT OF EXERCISE TRAINING ON DIASTOLIC FUNCTION IN HFPEF: GATHERING EVIDENCE FROM CLINICAL AND PRE-CLINICAL STUDIES (Invited Lecture)

D. Moreira-Goncalves

University of Porto, Porto, Portugal

S30 Oral Session

NEW CONCEPTS IN CARDIOVASCULAR DISEASE AND TREATMENT OUTCOMES

HEALTHCARE RESOURCE USE AND EXPENDITURES IN PATIENTS UNDER 65 YEARS OF AGE AND NEWLY DIAGNOSED WITH PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA (PSVT) IN THE UNITED STATES

N.C. Sacks, S. Bariahtaris, A. Sharma, K. Everson, P.L. Cyr, P. Douville, J.N. Ruskin
Precision Xtract, Boston, MA, USA

PREDICTORS OF HEALTH-RELATED QUALITY OF LIFE AFTER FIELD-TRIAGE TO PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR NON-COMPLICATED ST-ELEVATION MYOCARDIAL INFARCTION: AN AGE COMPARISON STUDY

S.Y. Soo Hoo
Royal North Shore Hospital, Sydney, Australia

ACUTE AND CHRONIC ELEVATION OF CARDIAC TROPONIN PREDICT THE SEVERITY OF CORONARY ARTERY DISEASE IN PATIENTS WITH END-STAGE RENAL DISEASE

M.B. Taha, M. Alom, Y. Abdelgadir, O. Hadid, A. Sharma, V. Yelamanchili, R. Naik, N. Haidar, S. Hussain, C. Arsene
Wayne State University/Detroit Medical Center, Detroit, MI, USA

LESS IS MORE - RESTRICTIVE TRANSFUSION STRATEGY IN CORONARY ARTERY DISEASE PATIENTS RESULTS IN SHORTER LENGTH OF STAY

G.A. Medranda, P.J. Sapia, K. Brahmhatt, C.A. Garcia, C. Healey, M. Fazzari, S. Green
NYU Winthrop Hospital, Mineola, NY, USA

VALIDATION AND COMPARISON OF RESTING GRADIENT TO FRACTIONAL FLOW RESERVE FOR ASSESSMENT OF CORONARY ARTERY STENOSIS

J. Aoun, S. Lahsaei, C. Zahm, T. Bhat, J.P. Carrozza
Saint Elizabeth's Medical Center, Brighton, MA, USA

DEATH REPORTS AMONGST NOACS AND WARFARIN USERS. A STRATIFIED ANALYSIS OF FAERS DATA

F.F. Richy
Public Health and Epidemiology, University of Liege, Liege, Belgium

PREDICTORS OF OUTCOME IN PATIENTS TRANSFERRED DIRECTLY TO THE CARDIAC INTENSIVE CARE UNIT VIA INTER-HOSPITAL TRANSFER

B. Ternus, J. Jentzer, S. Kopecky, G. Barsness
Mayo Clinic, Rochester, MN, USA

POSTOPERATIVE TROPONIN ELEVATIONS PORTEND A HIGH MORTALITY RISK EVEN IN LOW-RISK PATIENTS

E. Pivato, S. Vasireddi, L. James, M. Kondapaneni
MetroHealth Medical Center, Cleveland, OH, USA

SUNDAY, JULY 29, 2018

08:30 – 10:45

Hall C

S30 Oral Session
NEW CONCEPTS IN CARDIOVASCULAR DISEASE AND TREATMENT OUTCOMES
(continued)

LONG-TERM PROGNOSTIC VALUE OF CORONARY ANGIOGRAPHY IN MEDICALLY
TREATED PATIENTS

R.M. Ferreira, **M.C. Caires**, L. Franco, P.B. Villela, J.C.G. Almeida, L.A. Salis,
N.A. de Souza e Silva

Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

SUNDAY, JULY 29, 2018

11:15 – 14:00

Hall A

S31 Oral Session

ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT

FALSE CATHETERIZATION ALERTS: ECG CLUES AND ECONOMIC IMPACT

A. Agrawal, M. Lu, N. Kanjanahattakij, H. Jeon, A. Romero-Corral, V. Figueredo, G. Pressman
Albert Einstein Medical Center, Philadelphia, PA, USA

EFFECT OF TIME OF DAY ON OUTCOMES OF PCI FOR STEMI

A. Karnik, J. Lee, E. Choi, J. Aguilar, S. Li, V. Kumar, S. Conley, N.W. Niles, II, B.W. Andrus,
J.T. DeVries
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

PREDICTIVE VARIABLES OF LONG TERM OUTCOME IN PATIENTS UNDERGOING
COMPLEX PERCUTANEOUS CORONARY INTERVENTIONS.

THE ERACI RISK SCORE

A.M. Rodriguez-Granillo, H. Pavlovsky, C. Fernandez-Pereira, J. Mieres, M.L. Sisu,
O. Santaera, Z. Ming, W. Pan, **A.E. Rodriguez**
Sanatorio Otamendi, Buenos Aires, Argentina

ASSOCIATION BETWEEN E-CIGARETTE USE AND CARDIOVASCULAR DISEASE

P. Ndunda, T. Muutu

University of Kansas School of Medicine - Wichita, KS, USA

IMPACT OF FAMILY HISTORY OF CORONARY ARTERY DISEASE ON IN-HOSPITAL
CLINICAL OUTCOMES IN ST-SEGMENT MYOCARDIAL INFARCTION

U. Ashraf, A. Sharma, A. Nanda, J. Kelly, V. Chinta, I. Pour-Ghaz, R. Khouzam
University of Tennessee, Memphis, TN, USA

MARIJUANA (CANNABIS) USE IS AN INDEPENDENT PREDICTOR OF ADVERSE
OUTCOMES IN PRINZMETAL'S ANGINA

A. Singh, **R. Aurshiya**, S. Pakniyat, J. Shirani
St. Luke's University Health network, Bethlehem, PA, USA

ANTIPLATELET DRUG RESISTANCE IN ASIAN POPULATION

S.A.P. Sadath, G. Vijayaraghavan

Nizar Cardiac Centre, Malappuram, India

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

A. Sinha, R. Kumar, **J. Shirani**

St. Luke's University Health Network, Bethlehem, PA, USA

MYOCARDIAL BRIDGES DIAGNOSTICS

O. Gogayeva, V. Lazoryshynets, L. Dzakhoeva, S. Rudenko, S. Salo
National Amosov Institute of Cardiovascular Surgery NAMS of Ukraine, Kiev, Ukraine

INTERNUCLEAR OPHTHALMOPLÉGIA, A RARE NEURO OPHTHALMOLOGIC
COMPLICATION OF CARDIAC CATHETERIZATION

S. Kumar, H. Patel, A. Rajasekaran, J. Morales Lappot, T. Lee, S. Hussain

SUNDAY, JULY 29, 2018

11:15 – 14:00

Hall A

S31 Oral Session
ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT
(continued)

THERE IS NO SIGNIFICANT ASSOCIATION BETWEEN ADMISSION GLOMERULAR
FILTRATION RATE AND LOCATION OR SEVERITY OF CORONARY ARTERY DISEASE
T. Oliver, P. Sethi, A. Jbeli, M. Omar, P. Thompson, J. Devasahayam, U. Krishnan
USD Sanford School of Medicine, Sioux Falls, SD, USA

S32 Oral Session

**CARDIOMYOPATHY, HEART FAILURE AND PULMONARY HYPERTENSION:
NOVEL APPROACHES FOR DIAGNOSIS AND TREATMENT**

A NOVEL SELECTIVE HUMAN BETA₃-ADRENERGIC RECEPTOR ANTAGONIST OF APD418 IMPROVED LEFT VENTRICULAR AND CARDIOMYOCYTE FUNCTIONAL PERFORMANCE IN CONSCIOUS, CHRONICALLY-INSTRUMENTED DOGS WITH PACING-INDUCED HEART FAILURE

H.-J. Cheng, X. Zhang, T. Li, Z. Zhang, D. Deal, J. Jordan, J. Adams, **C. Cheng**
Wake Forest School of Medicine, Winston-Salem, NC, USA

PVC INDUCED CARDIOMYOPATHY: RISK ASSESSMENT

C. Sineri, W. Sheu, T. Ejigu, H. Kalinga, **D. Bloomfield**
Richmond University Medical Center, Staten Island, NY, USA

ECHOCARDIOGRAPHIC PREDICTORS OF NEW ONSET TACHYARRHYTHMIA INDUCED CARDIOMYOPATHY

N. Thinda, B. Khatri, C. Katikireddy
VA CCHS / UCSF Fresno, Fresno, CA, USA

GENOME EDITING THERAPY FOR DUCHENNE MUSCULAR DYSTROPHY-ASSOCIATED CARDIOMYOPATHY

L. Xu, Y. Lau, Y. Gao, J. Ma, **R. Han**
The Ohio State University, Columbus, OH, USA

STRESS CARDIOMYOPATHY ASSOCIATED WITH COCAINE USE

A. Singh, **R. Aurshiya**, S. Pakniyat, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

COST EFFECTIVENESS OF SIMPSON'S BIPLANE METHOD & EARLY PREDICTORS OF LEFT VENTRICULAR DYSFUNCTION IN BREAST CANCER PATIENTS TREATED WITH TRASTUZUMAB

K. Bhamidipati, A. Ali, B. Skaria, K. Mahmood, G. Pulikal
Heart of England NHS Trust, Solihull, UK

UNDERRATED AND DIAGNOSED: CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH)

A. Shah, S. Shrestha, C. Cabral
Morristown Medical Center, Morristown, NJ, USA

SUNDAY, JULY 29, 2018

11:15 – 13:30

Hall B

S32 Oral Session

**CARDIOMYOPATHY, HEART FAILURE AND PULMONARY HYPERTENSION:
NOVEL APPROACHES FOR DIAGNOSIS AND TREATMENT (continued)**

OBESITY PARADOX IN RECREATIONAL DRUG USERS: ARE HEART FAILURE OUTCOMES AFFECTED?

A. Akinlonu, T.O. Mene-Afejuku, P.D. Lopez, C. Dumancas, O. Ola, E.M. Ngo, A. Savadkar, F. Visco, S. Mushiyev, G. Pekler

New York Medical College, Metropolitan Hospital Center, New York, NY, USA

RELATIONSHIP BETWEEN PULMONARY HYPERTENSION AND OUTCOMES AMONG PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION

T.O. Mene-Afejuku, C. Dumancas, **A. Akinlonu**, P.D. Lopez, H.A. Reyes, E.H. Cativo, G. Pekler, F. Visco, S. Mushiyev

New York Medical College, Metropolitan, New York, NY, USA

S33 Oral Session
VALVULAR AND STRUCTURAL HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS

ACQUIRED AORTIC ATRESIA CATHETER THERAPY USING COVERED STENTS

S.S. Mohsin, T. Momenah, K. Al Khalaf, **A. Alsahari**
Prince Sultan Cardiac Center, Riyadh, Saudi Arabia

ORIFICE ECCENTRICITY ACCENTUATES FLOW DISTURBANCE DUE TO SEVERE MITRAL ANNULAR CALCIFICATION (Invited Lecture)

E.J. Friend, B. El-Sayegh, **G.S. Pressman**, G. Di Labbio, E. Obasare, L. Kadem
Einstein Healthcare Network, Philadelphia, PA, USA

PEDIATRIC AND ADULT CONGENITAL ARRHYTHMIAS MANAGEMENT: TECHNIQUES AND CHALLENGES (Invited Lecture)

S. Das
University of Arkansas for Medical Sciences, Little Rock, AR, USA

RHYTHM DISTURBANCES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT: A STRATEGY OF SURVEILLANCE

S. Lilly, **M. Skaf**, N. Makki, N. Matre, K. Boudoulas, G. Rushing
The Ohio State University, Columbus, OH, USA

STROKE AS PRESENTING SIGN OF CONGENITALLY UNICUSPID AORTIC VALVE

S. Vallabhaneni, R. Aurshiya, S. Meera, S. Pakniyat, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

A REVIEW OF RACIAL DISPARITIES IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)

A. Sharma, T. Bob-Manuel, A. Nanda, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

NEW ONSET CONGESTIVE HEART FAILURE FOLLOWING NEW LEFT BUNDLE BRANCH BLOCK AFTER TRANS-CATHETER AORTIC VALVE REPLACEMENT: A CASE REPORT

M. Katayama, D. Fortuin, J. Sweeney, M. Belohlavek, H. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

AN EXAMINATION OF ACCESS SITE COMPLICATIONS IN TRANSCUTANEOUS AORTIC VALVE REPLACEMENT: RISK FACTORS, POTENTIAL PREVENTION, AND TREATMENT

J. Kelly, A. Nanda, I. Pour-Ghaz, U. Ashraf, A. Sharma, A. Sharma, V. Chinta, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

MY WORST COMPLICATION JUST HAPPENED

I. Baig, S. Ahmed, C. Good, A. Alsaied, S. Agarwal
University, Geisinger Medical Center, Danville, PA, USA

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P501 Poster Session
MOLECULAR AND CELLULAR CARDIOLOGY, VASCULAR BIOLOGY, BASIC RESEARCH

PHARMACOLOGICAL RESCUE OF MITOCHONDRIAL HEART FAILURE

J. Han

Inje University, Busan, Republic of Korea

THE PROTECTIVE ROLE OF PRX1 IN THE ATHEROSCLEROSIS BY REGULATING
MACROPHAGE LIPOPHAGIC FLUX

S.-J. Jeong, **G. Oh**

Cardiovascular Division, St. Louis, MO, USA

LIPID LYSOPHOSPHATIDYLCHOLINE-INDUCED Ca^{2+} INFLUX WAS MUCH MORE
SUBSTANTIAL AND UNLIKELY STORE-OPERATED Ca^{2+} ENTRY (SOCE) IN CYTOTOXICITY
OF MOUSE CEREBRAL MICROVASCULAR ENDOTHELIAL CELLS

K.-L. Wong, C.-W. Cheung, B.-M. Huang, Y.-M. Leung

China Medical University and Hospital, Taichung, Taiwan

THE INCREASE OF CELLULAR ANTIOXIDANT ENZYMES ACTIVITY BY METABOLIC DRUG
ELTACIN IN THERAPY OF ELDERLY PATIENTS WITH ISCHEMIC HEART DISEASE

E. Kalinina, R. Zaslavskaya, Y. Nartsissov

Peoples' Friendship University of Russia (RUDN University), Moscow, Russian Federation

EXPRESSION OF FIK-1 AND CYCLIN D2 mRNA IN MYOCARDIUM WITH DOXORUBICIN-
INDUCED CARDIOMYOPATHY

M.G.Klinnikova, E.V.Koldysheva, T.A.Korolenko, **E.L.Lushnikova**

Institute of Molecular Pathology and Pathomorphology, Inst. Physiol. Fund. Med., Novosibirsk,
Russia

miRNA-449 PROMOTE DIABETIC CARDIAC FIBROSIS BY THE SMAD3 PATHWAY

H. Liu

Qinghai University Medical College, Xining, China

P502 Poster Session
IMMUNE AND INFLAMMATORY MECHANISMS IN ATHEROSCLEROSIS

T REGULATORY CELLS EXERT AN IMPORTANT ROLE IN ATTENUATING B-ADRENERGIC
ACTIVATION INDUCED CARDIAC INFLAMMATION, FIBROSIS AND HYPERTROPHY
THROUGH MODULATING MACROPHAGE INFILTRATION

X. Liu, Y. Chen

Shanxi Provincial People's Hospital, Taiyuan, China, Taiyuan, Shanxi, China

RARE ONSET OF ACUTE RHEUMATIC CARDITIS POST TREATMENT OF
STREPTOCOCCAL PHARYNGITIS

T. Nag, S. Pal, M. Karim, J. Harburger

Westchester Medical Center, Valhalla, NY, USA

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P503 Poster Session
CARDIAC PROTECTION AND REGENERATION, BASIC RESEARCH

THE EFFECT OF ENDOGENOUS CARBON MONOXIDE ON MYOCARDIAL ISCHEMIA REPERFUSION INJURY

Y. Liu, Z. Zhou, Y. Zhang, C. Cao, Q. Ji, W. Zhang
Medical College of Qinghai University, Xining, China

PULSED ELECTROMAGNETIC FIELD STIMULATION AS A POTENTIAL CARDIOPROTECTIVE INTERVENTION

K. Purnamawati, J. Yap, S. Ng, P. Li, A. Rufaihah, A. Franco-Obregon
National University of Singapore, Singapore, Singapore

EFFECTS OF DIFFERENT β -ADRENERGIC RECEPTORS ON CARDIAC FUNCTION IN HYPOXIC STRESS RATS

W. Zhang, Y. Zhang, J. Liu, C. Cao, Q. Ji, Z. Yuan
Research Center for High Altitude Medicine, Xining, China

P504 Poster Session
THROMBOSIS, BASIC RESEARCH

LEFT ATRIAL APPENDAGE THROMBOSIS IN A MOUSE MODEL OF CORONARY ARTERY DISEASE

H.J. Begmatov, O. Rashidbaigi, F. Romanelli, A.M. Corbo, J. Millan, M. Plummer, O.V. Savinova
NYIT College of Osteopathic Medicine, Old Westbury, NY, USA

YHD & EYHD SUPPRESSES PLATELET ACTIVATION AND THROMBUS FORMATION BY REDUCING THROMBOXANE B2

H. Wu, Sr.
Henan University of Chinese Medicine, Zhengzhou, China

TETRAMETHYLPYRAZINE INHIBITS CALCIUM RESPONSE IN PLATELETS BY SUPPRESSING SGK1

Z. Wang
Henan University of Chinese Medicine, Zhengzhou, China

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P505 Poster Session
HYPERTENSION, LIPIDS, OBESITY, METABOLIC SYNDROME, TYPE 2 DIABETES AND
CARDIOVASCULAR DISEASE

CHRONOLOGICAL AGE-GENE INTERACTIONS IN DETERMINING THE EFFECTS OF THE
CIRCADIAN MTNR1B GENE ON FASTING GLUCOSE

R. Barragan, E.M. Asensio, O. Coltell, O. Portoles, J.V. Sorli, **D. Corella**
University of Valencia-CIBEROBN, Valencia, Spain

SWEET TASTE PERCEPTION AND OBESITY RISK IN SUBJECTS WITH METABOLIC
SYNDROME. GENOME WIDE SCREENING FOR NEW GENES AND GENE-GENDER
INTERACTIONS

E.M. Asensio, D. Corella, R. Fernández, J.V. Sorlí, **O. Coltell**
University of Valencia-Ciberobn, Valencia, Spain

THE THERAPEUTIC EFFECTS OF EVODIAMINE IN FRUCTOSE-INDUCED METABOLIC
SYNDROME IN RATS

V.K. Spiridonov, Z.S. Tolochko, C.-L. Lin, **T.A. Korolenko**
Institute of Physiology and Basic Medicine, Novosibirsk, Russian Federation

GENOME-WIDE ASSOCIATION SCREENING FOR TOTAL BILIRUBIN LEVELS IN
PATIENTS WITH METABOLIC SYNDROME IN A MEDITERRANEAN POPULATION

O. Coltell, E.M. Asensio, C. Ortega-Azorín, R. Fernández-Carrión, J.V. Sorlí, R. Tosca,
L.V. Lizán, I.M. Giménez-Alba, A. Betancort, D. Corella
Computer Languages and Systems, Universitat Jaume I-Ciberobn, Castellon, Spain

TAS2R38 VARIATION AND BITTER TASTE PERCEPTION:
ANALYSIS OF GENDER, AGE AND LIFESTYLE INTERACTIONS

R. Barragan, O. Coltell, E.M. Asensio, J. Gonzalez, O. Portoles, R. Fernandez-Carrion,
D. Corella
University of Valencia-CIBEROBN, Valencia, Spain

PATHOGENESIS OF ATHEROSCLEROSIS IN THE YOUNG:
TIME TO LOOK BEYOND DIABETES, HIGH CHOLESTEROL AND TOBACCO

S. Potluri, P. Carter, D. Lavu, H. Uppal, S. Chandran, R. Potluri
ACALM Study Unit, Birmingham, UK

ASARONE STIMULATES LIPOLYSIS IN ADIPOCYTES

Y. Yang
Sookmyung Women's University, Yongsan-gu, Republic of Korea

CLINICAL AND EPIDEMIOLOGICAL CHARACTERISTICS OF PATIENTS WITH
HYPERTENSIVE CRISES TREATED IN THE EMERGENCY SERVICE OF A HIGH LEVEL
INSTITUTION OF COMPLEXITY, MEDELLIN, COLOMBIA 2014-2015

M.C. Duque, L.M. Martinez, L.F. Álvarez, D. Gallego, J.I. Bañol, M.A. Rodriguez, J.S. Marin,
A.E. Marin, L.I. Jaramillo
Universidad Pontificia Bolivariana, Medellin, Colombia

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P506 Poster Session
PULMONARY ARTERIAL HYPERTENSION

ACUTE SEVERE PULMONARY HYPERTENSION CAUSING RIGHT HEART FAILURE FROM
PULVERIZED OXYCODONE INTRAVENOUS INJECTION

S. Gupta, G. Jolly, S. Pal, A. Milovanovic, G. Lanier
Westchester Medical Center (New York Medical College), Valhalla, NY, USA

VASODILATOR TESTING FOR IDIOPATHIC PULMONARY HYPERTENSION: IS IT REALLY
NECESSARY?

H. Doshi, J. Xu, A. Alam
Robert Wood Johnson, New Brunswick, NJ, USA

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P507 Poster Session
ACUTE CORONARY SYNDROMES

DIASTOLIC WALL STRAIN PREDICTS MORTALITY IN PATIENTS WITH NON-ST ELEVATION MYOCARDIAL INFARCTION

B. Horn, P. Ram, E. Obasare, C. Nwakile, T. Alnabelsi, M. Lu, V. Bhalla, V. Figueredo, G. Pressman
Einstein Medical Center, Philadelphia, PA, USA

PLAQUE CHARACTERISTICS IN HYPERINSULINEMIA PATIENTS WITH ACUTE MYOCARDIAL INFARCTION. AN OPTICAL COHERENCE TOMOGRAPHY STUDY

T. Nunohiro, T. Fukushima, S. Furudono, S. Muto, H. Suenaga, S. Takeshita, H. Nakashima
Nagasaki Harbor Medical Center, Nagasaki, Japan

COMPARISON OF LONG-TERM AND SHORT-TERM MORTALITY AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR STEMI VERSUS THOSE WITH NON-STEMI

H.-Y. Kim, D.-B. Kim
Bucheon St. Mary's Hospital, Bucheon, Republic of Korea

PERI-PROCEDURAL COMPLICATION RATES AMONG FALSE AND TRUE ST ELEVATION MYOCARDIAL INFARCTION ACTIVATIONS TAKEN TO THE CARDIAC CATHETERIZATION LABORATORY

C.M. Dookhan, A. Ghatak, R. Patel, E. De Marchena, C. Mendoza, A. Ferreira
Medical College of Georgia, Augusta, GA, USA

LATE PRESENTATION OF ANTERIOR WALL STEMI WITH RIGHT VENTRICULAR WALL RUPTURE IN AN ELHERS-DANLOS SYNDROME PATIENT

G. Jolly, A. Koulova, S. Pal, S. Gupta, G. Andries, R. Malekan
Westchester Medical Center, Valhalla, NY, USA

VENTRICULAR SEPTAL DEFECT AFTER ACUTE ST-ELEVATION MYOCARDIAL INFARCTION: STILL A COMPLICATION OF THE MILLENNIAL ERA

J.E. Yamamoto, J. Penalver Leon, A. Mora Carpio, **J. Stempel**
Albert Einstein Medical Center, Philadelphia, PA, USA

INTRAMUSCULAR EPINEPHRINE INDUCED TRANSIENT ST ELEVATION MYOCARDIAL INFARCTION

B. Shrestha, **P. Kafle**
Interfaith Medical Center, Brooklyn, NY, USA

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P507 Poster Session
ACUTE CORONARY SYNDROMES (continued)

FOCAL MYOPERICARDITIS PRESENTING AS ACUTE STEMI

M. Vindhya, J. Mehta, V.S. Boppana, A. Farhat
University of Kansas School of Medicine - Wichita, Wichita, KS, USA

AN UNCONVENTIONAL CAUSE OF MYOCARDIAL INFARCTION

H.E. Matos Santana
Morristown Medical Center, Morristown, NJ, USA

PREDICTIVE FACTORS OF IN-HOSPITAL DEATH IN TUNISIAN PATIENTS PRESENTING FOR ST-ELEVATION MYOCARDIAL INFARCTION MANAGED WITH PREHOSPITAL THROMBOLYSIS

W. Jomaa, M.A. Tekaya, N. Amdouni, A. El Hraiech, K. Ben Hamda, F. Maatouk
Fattouma Bourguiba University Hospital, Monastir, Tunisia

MORTALITY IN CARDIOGENIC SHOCK WITHOUT EVIDENT ACUTE CORONARY SYNDROME: UNDERSTANDING POPULATIONS TO MODIFY THE RESULTS

R. Costantini, J.M. Telayna, **J.M. Telayna, Jr.**
Hospital Universitario Austral, Pilar, Bs As, Argentina

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P508 Poster Session
VALVULAR HEART DISEASE

AN APPROACH TO AVOID SURGERY IN TRICUSPID VALVE ENDOCARDITIS

P.R. Pinkhasova, A.R. Elashery, R. Gallagher, M. Warshofsky

Western Connecticut Health Network - Danbury Hospital, Danbury, CT, USA

TRANSCUTANEOUS AORTIC VALVE REPLACEMENT (TAVR) VALVE IN TAVR VALVE FOR SEVERE PERIPROSTHETIC REGURGITATION

S. Nandy

Mayo Clinic, Rochester, MN, Rochester, MN, USA

IMPLANTATION OF LEADLESS PACEMAKER FOR DEVELOPMENT OF NEW LEFT BUNDLE BRANCH BLOCK AND SYMPTOMATIC PAUSE FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)

S. Nandy

Mayo Clinic, Rochester, MN, Rochester, MN, USA

THROMBOSIS AS A COMPLICATION OF TRANSAPICAL TRANSCATHETER MITRAL VALVE-IN-VALVE IMPLANTATION

R. Shah, D. Hill, A. Waldman, D. Bourque

Orlando Health, Orlando, FL, USA

AGAINST SEVERE ODDS: SPONTANEOUS VAGINAL DELIVERY WITHOUT MAJOR COMPLICATIONS IN A PATIENT WITH UNDIAGNOSED SEVERE MITRAL STENOSIS

W. Ko, J. Woytanowski, S. Hasni, P. Rushworth

Drexel University College of Medicine, Philadelphia, PA, USA