



INTERNATIONAL ACADEMY OF CARDIOLOGY
18th WORLD CONGRESS ON HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2013
VANCOUVER, BC, CANADA, JULY 26-29, 2013

SATURDAY, JULY 27, 2013

09:00 – 10:15

Hall A

OPENING CEREMONY

09:35 – 10:15

Hall A

OPENING LECTURE – SEVENTH H.J.C. SWAN MEMORIAL LECTURE

CVD IN WOMEN: A FRESH PERSPECTIVE (Invited Lecture)

E.A. Amsterdam, University of California, Davis Medical Center, Sacramento, CA, USA

10:45 – 13:30

Hall A

PL01 Plenary Session

DISEASE MECHANISMS LEADING TO CARDIOMYOPATHY AND HEART FAILURE

ADVANCES IN PATHOPHYSIOLOGY AND MANAGEMENT OF DIASTOLIC HEART FAILURE
(Invited Lecture)

K. Chatterjee, University of Iowa, IA, USA

REVERSAL OF CARDIAC REMODELING IN HEART FAILURE BY α -ADRENOCEPTOR
BLOCKADE (Invited Lecture)

N.S. Dhalla, St. Boniface General Hospital Research Centre, Winnipeg, MN, Canada

AGING AND HEART FAILURE. UPDATE (Invited Lecture)

B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, AB, Canada

MITOCHONDRIAL FISSION AND FUSION IN HEART FAILURE (Invited Lecture)

A.A. Knowlton, L. Chen, University of California, Davis, CA, USA

PERSONALIZED MEDICINE IN DILATED CARDIOMYOPATHY (Invited Lecture)

L. Mestroni, University of Colorado Cardiovascular Institute, Aurora, CO, USA

PL01 Plenary Session

**DISEASE MECHANISMS LEADING TO CARDIOMYOPATHY AND HEART FAILURE
(continued)**

GENETIC EPIDEMIOLOGY OF LEFT VENTRICULAR HYPERTROPHY (Invited Lecture)
J.N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

BLUNTED RESPONSES OF RENAL SYMPATHETIC NERVE ACTIVITY TO C-TYPE
NATRIURETIC PEPTIDE IN THE PVN OF RATS WITH HEART FAILURE (Invited Lecture)
K.P. Patel, B. Xu, H. Zheng, University of Nebraska Medical Center, Omaha, NE, USA

TRANSCRIPTIONAL MECHANISMS LEADING TO DILATED CARDIOMYOPATHY IN THE
ABSENCE OF HYPERTROPHY
B.S. Tuana (Invited Lecture)
University of Ottawa Heart Institute, Ottawa, Ontario, Canada.

CPT1b DEFICIENCY IS BAD FOR THE HYPERTROPHIED HEART (Invited Lecture)
Q. Yang, University of Alabama at Birmingham, Birmingham, AL, USA

DELETION OF THE TRANSLATIONAL REPRESSORS EUKARYOTIC TRANSLATION
INITIATION FACTOR 4E BINDING PROTEINS 1 AND 2 PROTECTS AGAINST PRESSURE
OVERLOAD INDUCED HEART FAILURE (Invited Lecture)
Z. Lu, X. Hu, Y. Huang, X. Xu, P. Zhang, M. Peterson, V.A. Polunovsky, N. Sonenberg,
R.J. Bache, P.B. Bitterman, **Y. Chen**, University of Minnesota, MN, USA

RESIDUAL MYOCARDIAL INJURY AND ATTENUATED PRODUCTION OF VASCULAR
ENDOTHELIAL GROWTH FACTOR (VEGF) IN PATIENTS WITH RECOVERED
PERIPARTUM CARDIOMYOPATHY (PPCM) (Invited Lecture)
S. Goland, L. Zilberman, I. Bar, S. Schwarzenberg, S. Shimoni, J. George
Kaplan Medical Center, Rehovot, Israel

SATURDAY, JULY 27, 2013

10:45 – 13:15

Hall B

PL02 Plenary Session
CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

NEWER ASPECTS OF EVALUATING LV FUNCTION BY ECHOCARDIOGRAPHY
(Invited Lecture)

N.C. Nanda, University of Alabama at Birmingham, Birmingham, AL, USA

FLURPIRIDAZ F 18 PET VERSUS TC-99M SPECT FOR MYOCARDIAL PERFUSION IMAGING (Invited Lecture)

D.S. Berman, J. Maddahi, Cedars-Sinai Medical Center; Los Angeles, California, USA

USEFULNESS OF OPTICAL COHERENCE TOMOGRAPHY IN DAILY CLINICAL PRACTICE
(Invited Lecture)

T. Akasaka, T. Kubo, Y. Ino, T. Tanimoto, T. Yamagichi, T. Yamano
Wakayama Medical University, Wakayama, Japan

MYOCARDIAL STRAIN FOR THE ASSESSMENT OF LV FUNCTION (Invited Lecture)

S.F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

MYOCARDIAL VIABILITY AND OUTCOMES IN ISCHEMIC CARDIOMYOPATHY
(Invited Lecture)

J. Shirani, St. Luke's Hospital and Health Network, Bethlehem, PA, USA

NOVEL USES OF CARDIAC MRI FOR NON-ISCHEMIC HEART DISEASE (Invited Lecture)

R.W.W. Biederman, Temple University School of Medicine, Carnegie Mellon University,
Allegheny General Hospital, Pittsburgh, PA, USA

NON-INVASIVE CARDIOVASCULAR IMAGING FOR EVALUATION OF CORONARY ARTERY BYPASS GRAFT DISEASE (Invited Lecture)

A. Elhendy, Marshfield Clinic, Marshfield, WI, USA

PROGNOSTIC VALUE OF STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH CORONARY ARTERY DISEASE (Invited Lecture)

M. Prokudina, I. Konstantinov, P. Kozlov, P. Mochalov, E. Bobrova, E. Karev
Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

OPTICAL COHERENCE TOMOGRAPHY (OCT): WHAT YOU NEED TO KNOW
(Invited Lecture)

J.A. Garcia, Denver Health Medical Center (DHMC) and University of Colorado Hospital at
Denver, Denver, CO, USA

SATURDAY, JULY 27, 2013

10:45 – 13:15

Hall C

S21 Session
VALVULAR HEART DISEASE / CONGENITAL HEART DISEASE / PEDIATRIC
CARDIOLOGY

VALVE PROSTHESIS-PATIENT MISMATCH (VP-PM): A LONG-TERM PERSPECTIVE

S.D. Daneshvar, **S.H. Rahimtoola**

University of Southern California, Los Angeles, CA, USA

COMPARISON OF DIFFERENT SURGICAL APPROACHES IN PATIENTS WITH
TRANSPOSITION OF THE GREAT ARTERIES

C. Junge, M. Westhoff-Bleck, S. Schoof, F. Danne, S. Geyer, J.A. Seabrook, R Buchhorn,
G. Ziemer, A. Wessel, **K. Norozi**

Western University, London, ON, Canada

DETERMINATION OF RECURRENT TACHYCARDIA FOLLOWING SUCCESSFUL ABLATION
IN SUBJECTIVELY SYMPTOMATIC CHILDREN

P.P. Karpawich, D.P. Bhat, W. Du

The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

RELATION OF ECHOCARDIOGRAPHIC AORTIC VALVE SCLEROSIS TO VALVULAR
CALCIFICATION ON MULTISLICE COMPUTED TOMOGRAPHY

L.H. Chebrolu, Y.R. Acharya, J. Shirani

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

ACQUIRED VON-WILLEBRAND DISEASE SECONDARY TO MITRAL AND AORTIC
REGURGITATION

S.H. Wan, J.J. Liang, R. Vaidya, J.L. Blackshear, D. Chen

Mayo Clinic, Rochester, MN, USA

LEFT-RIGHT-LEFT, LEAD PLACEMENT ERRORS IN PEDIATRIC
ELECTROCARDIOGRAPHY

J. Kleinman, E. Stockwell, J. Burrell, S. Darwin, **C. Snyder**

Case Western Reserve University School of Medicine, Cleveland, OH, USA

A SILENT PRESENTATION OF A SERIOUS ILLNESS: INFECTIVE ENDOCARDITIS

A. Hamadah, S. Sadaranagani, E. Berbari, Mayo Clinic, Rochester, MN, USA

ANY DEGREE OF MITRAL REGURGITATION FOUND DURING INVASIVE
VENTRICULOGRAPHY IS ASSOCIATED WITH ALL CAUSE MORTALITY

M.R. Movahed, K. Lata, University of Arizona, Tucson, AZ, USA

PREDICTORS OF CARDIAC RELATED MORTALITY AFTER AVR FOR DEGENERATIVE AS
IN NORMAL EJECTION FRACTION

H.M. Lee, P.Y. Park, Y.T. Lee, W.S. Kim, K. Sung, D.S. Jeong

Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

SATURDAY, JULY 27, 2013

10:45 – 13:45

Hall D

S22 Session
ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS

FENOFIBRATE THERAPY IN PATIENTS WITH HYPERTRIGLYCERIDEMIA HAS SUBSTANTIAL BENEFITS OVER OMEGA-3 FATTY ACIDS

K.K. Koh

Gachon University Gil Medical Center, Incheon, Korea

GENDER DIFFERENCES IN ARTERIOTOMY CLOSURE AND TREATMENT FOR PERCUTANEOUS CORONARY INTERVENTIONS: RESULTS FROM A NATIONAL, MULTI-SITE CLINICAL REGISTRY OF 59,000 PATIENTS

D.R. Dobies, K.R Barber, A.L. Cohoon

Genesys Regional Medical Center, Grand Blanc, MI, USA

ADVANCED LIPID TESTING PREDICTS SUBCLINICAL ATHEROSCLEROSIS IN LOW RISK POPULATION BEYOND TRADITIONAL RISK FACTORS

P. Krishnamoorthy, D. Rader, M.P. Reilly, N.N. Mehta

Englewood Hospital and Medical Center, Englewood, NJ, USA

IMPACT OF CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY ON NON-HDL AND TOTAL CHOLESTEROL IN OSA PATIENTS

A. Kumar, **A.A. Almomani**, S. Pilli, R.K. Shah, A. Aljaafareh, S.K. Onguti, M. Alghrouz, W.I. Khalife, A.R. Al Emam, S. Jokhio

University of Texas Medical Branch, Galveston, TX, USA

PHYSICIAN-PROVIDED LIFESTYLE MODIFICATION COUNSELING FOR HYPERLIPIDEMIA – DOES IT HELP?

R.S. Loomba, S. Aggarwal, N. Gupta, S. Khosla, **R.R. Arora**

Children's Hospital of Wisconsin, Wauwatosa, WI, USA

UTILITY OF AMBULATORY BP MONITORING IN A CARDIAC PREVENTION AND REHABILITATION PROGRAMME

M. Mahmood, S.B Connolly

Bangabandhu Sheikh Mujib Medical University, Bangladesh

ARTIFICIAL INTELLIGENCE MODEL OF CARDIOVASCULAR RISK IN RENAL DISEASE OUTLINES CAROTID MARKERS

O. Sandu, I. Nastac, J. Uribarri

Albert Einstein College of Medicine, NY; USA

PLANT STEROLS AND CARDIOVASCULAR DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS

B. Genser, G. Silbernagel, G. De Backer, E. Bruckert, R. Carmena, M.J. Chapman, J. Deanfield, O.S. Descamps, E.R. Rietzschel, W. Maerz

Medical Faculty Mannheim, University of Heidelberg, Heidelberg, Germany

S22

Session

ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS (continued_

COMPARISON OF CLINICAL CHARACTERISTICS, OUTCOME AND MORTALITY IN SYMPTOMATIC PATIENTS WITH AND WITHOUT LEFT BUNDLE BRANCH BLOCK

F.A. Alkindi , A.M Arabi, A.A. Patel, J. Alsuwaidi, A. Gehani , R. S Singh,
H. Albinali

Hamad Medical Corporation,Doha ,Qatar

BRAIN NATRIURETIC PEPTIDE AS A PREDICTOR OF ADVERSE CARDIAC EVENTS AFTER SUCCESSFUL PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS WITH ACUTE CORONARY SYNDROME

Y.Y. Abdelmonem, S. Awni, A. Kaddah, Y. Yazeed,
Kasr Alaini Medical School, Cairo, Egypt

USING CHADS2 SCORE TO IDENTIFY ELDERLY PATIENTS WITH ATRIAL FIBRILLATION

M.H. Kwok, S. Punekar

University of Manchester, Manchester, UK

TRENDS IN CARDIOVASCULAR DISEASE IN ETHIOPIA: A 30-YEAR RETROSPECTIVE ANALYSIS OF MEDICAL-ICU ADMISSIONS

C. Smitson, A. Giday, S. Zaeh, E. Weldeyes, **J. O'Mara**

Yale University, New Haven, CT, USA

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

P101 GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH

SYSTEMIC INVOLVEMENT OF CONNECTIVE TISSUE AS PREDICTOR OF CARDIOMYOPATHY IN MITRAL VALVE PROLAPSE AND MARFANOID HABITUS
E.V. Zemtsovsky, A.L Korshunova, E.G. Malev, E.B. Luneva, **M. Prokudina**
State Pediatric Medical University, St. Petersburg, Russia

P102 BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

SCREENING AND IDENTIFICATION OF NOVEL BIOMARKERS FOR EARLY DIAGNOSIS OF ACUTE CORONARY

K. Feng, H. Xia, J. Zhang, Yi Shan, L.F Liu, H.J Song, X.D Fan, L. Qiao, S. Jin, H.J Lu
Center for Experimental Medicine, 306 Hospital of PLA, Beijing, China

MATRIX METALLOPROTEASES, CHITOTRIOSIDASE AND CYSTATIN C IN LONG-TERM STUDY OF PATIENTS AFTER CARDIOSURGERY

T.A. Korolenko, M.S. Cherkanova, T.P. Gerasimova, T.P Korolenko
Institute of Physiology SB RAMS, Novosibirsk, Russia

CORRELATION BETWEEN ADIPONECTIN PLASMA LEVELS AND CORONARY ARTERY DISEASE

A. Xanthopoulos, M. Skoura, T. Kouna, **E. Paraskevopoulou**, P. Paraskevopoulou, S. Patsilnakos
Cardiology Clinic, Konstantopouleio General Hospital, N.Ionia, Athens, Greece

RELATION OF SERUM CALCIUM LEVEL WITH METABOLIC RISK FACTORS AND CORONARY ARTERY DISEASE IN AFRICAN AMERICAN

H.R. Patel, A. Balachandran, C. Nedelcu, J. Warman
The Brooklyn Hospital Center, affiliate NY Presbyterian Hospital, Cornell University, New York, NY, USA

P103 THE PLAQUE AND ACUTE CORONARY SYNDROMES

ANGIOGRAPHIC AND ECHOCARDIOGRAPHIC ASSOCIATIONS IN OLDER ADULTS WITH FRAILTY AND CORONARY ARTERY DISEASE

S.M. Gharacholou, V.L. Roger, R.J .Lennon, C.S. Rihal, S.V. Pislaru, M. Singh
Mayo Clinic Health System, La Crosse, WI, USA

CLINICAL SIGNIFICANCE OF CORONARY ARTERY DISEASE IN STRESS INDUCED CARDIOMYOPATHY

A. Chau, P. Krumenacher, D. Matel-Anderson, R. Siegel, Y. Muirhead, S. Park, H. Kim, S. Park, D. Kim, B. Choi
Medical College of Wisconsin, Milwaukee, WI, USA

P103 THE PLAQUE AND ACUTE CORONARY SYNDROMES (cont.)

TYPES OF MENTAL STRESS IN STRESS INDUCED CARDIOMYOPATHY

A. Chau, P. Krumenacher, D. Matel-Anderson, R. Siegel, Y. Muirhead, S. Park, H. Kim, S. Park, D. Kim, B. Choi
Medical College of Wisconsin, Milwaukee, WI, USA

MYOCARDIAL STUNNING IN HEMODIALYSIS PATIENTS: "A SILENT OVERLOOKED INSULT"

P. Loarte, S.Y. Chou, R. Cohen, B. Mirrer
Brookdale University Hospital and Medical Center - Nephrology Division

P104 ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY

PATTERN OF ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION IN CHRONIC QAT CHEWERS IN YEMEN

Y.Y. Abdelmonem, N.S. ELdin, A. Abdelwahab, W. Alaroussy
Kasr Alaini Medical School, Cairo, Egypt

REVIEW OF TROPONINS ORDERS, EVIDENCE OF TYPE I MYOCARDIAL INFARCTION AND CARDIOLOGY CONSULTS IN A US COMMUNITY HOSPITAL

B.H. Subedi, S. Zakaria, J. Rickard
Greater Baltimore Medical Center, Baltimore, MD, USA

DIFFERENT CLINICAL MEANINGS OF PRE AND POST-PROCEDURAL TIMI FLOW IN PATIENTS WITH NON-ST SEGMENT ELEVATION MYOCARDIAL INFARCTION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION

W.Y. Lee, J.Y. Baek, Cheong-Ju Saint Mary's Hospital, Cheong-Ju, South Korea

DIAGNOSTIC YIELD OF RIGHT AND POSTERIOR ELECTROCARDIOGRAPHIC LEADS IN EGYPTIANS WITH ACUTE CORONARY SYNDROME

H.S. Taha, A.A. Elfaramawi, A.M. Nasr, Faculty of Medicine, Cairo University, Cairo, Egypt

ST ELEVATION IN LEAD AVR AS AN INDICATOR OF EARLY ADVERSE EVENTS IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION

M. Mousavi, S. Kalhor, J. Tahmasbi
Alborz University of Medical Sciences, Karaj, Iran

CHARACTERISTICS OF ACUTE MYOCARDIAL INFARCTION WITH MILD CAROTID ARTERIOSCLEROSIS

T. Sakurai, K. Sasaki, T. Tabata, T. Kon, J. Suzuki, T. Matsubara, E. Matsubara, T. Tomaru, **Y. Minami**
Toho University Medical Center Sakura Hospital, Sakura, Japan

**P105 DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND
ATHEROSCLEROSIS: BASIC AND CLINICAL**

EARLY DIASTOLIC AND SYSTOLIC ABNORMALITIES IN PATIENTS WITH DIABETES
MELLITUS AND NORMAL EJECTION FRACTION: A 2D STRAIN ECHOCARDIOGRAPHY
STUDY

V. Di Bello, L. Conte, I. Fabiani, C. Cucco, R. Liga, V. Barletta, C. Bianchi, R. Miccoli,
G. Delle Donne, M. Mariani
University of Pisa, Pisa, PI, Italy

THE EFFECT OF SITAGLIPTIN THERAPY COMPARED WITH PIOGLITAZONE IN HEART
FAILURE PATIENTS WITH TYPE 2 DIABETES

T. Naka, T. Arai, K. Takahashi, M. Masutani, T. Masuyama, M. Ohyanagi
Hyogo College of Medicine, Nishinomiya, Japan

THE OBESITY PARADOX IN PATIENTS WITH ACUTE CORONARY SYNDROME: RESULTS
FROM THE GULF RACE-2 STUDY

A. Shehab, B. Al-Dabbagh, N. Nagelkerke, A. Abdulle
Department of Internal Medicine, College of Medicine, UAE University

ULTRASOUND STUDY OF ARTERIES OF LOWER LIMBS IN PATIENTS WITH TYPE 2
DIABETES

G.A. Rozikhodjaeva, N.D. Ahmedova, Z.T. Ikramova, **Z.A. Usmanova**
Central Clinical Hospital 1, Tashkent, Uzbekistan

A COMPARISON OF THE PREVALENCE OF THE MS AND ITS COMPLICATIONS USING
THREE PROPOSED DEFINITIONS IN KOREAN SUBJECTS

K.C. Sung, B.S. Kim
Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic
of Korea

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

P106 ELECTROPHYSIOLOGY AND ABLATION THERAPY

A NOVEL CRYOMAPPING TECHNIQUE FOR AVNRT HAS A BETTER RECURRENCE AND SAFETY PROFILE THAN RFA

P.L.S. Eryazici, J. Chavez, F.D. Ciftci, **O.J. D'Silva**, M.A. Turner, J. Nazari, S. Shah, M. Razminia, T. Zheutlin, R.F. Kehoe
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

OUTCOME OF RIGHT ATRIAL FLUTTER ABLATION IN PATIENTS WITH CARDIAC RESYNCHRONIZATION DEVICES

A. Bhatia, F. Mehmood, A. Agarwal, I. Choudhuri, J. Sra
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, Wisconsin, USA

COMPLICATIONS OF PERCUTANEOUS EPICARDIAL ACCESS UNDER CONSCIOUS SEDATION VERSUS GENERAL ANESTHESIA

A.M. Killu, S.H. Wan, T.M. Munger, D.O. Hodge, S. Mulpuru, S.J. Asirvatham, D.L. Packer, P.A. Friedman, Mayo Clinic, Rochester, MN, USA

AN UNUSUAL ABLATION LOCATION FOR OBTAINING COMPLETE HEART BLOCK IN A PATIENT WITH DRUG REFRACTORY ATRIAL TACHYARRHYTHMIA AND BASELINE BIFASCICULAR BLOCK

M.S. McKillop, M. Panna, T. Burkart, J. Conti, W.M. Miles
University of Florida, Gainesville, FL, USA

SUBCLINICAL UNEXPECTED CENTRAL VENOUS OCCLUSION IN THE ELECTROPHYSIOLOGY LABORATORY: CASE SERIES

J.E. Banchs, G.A. Baquero, T. Moukabary, S.J. Ferns, E.D. Penny-Peterson, S.M. Samii
Penn State Hershey Heart & Vascular Institute, Hershey, PA, USA

AV NODE ABLATION AND CARDIAC RESYNCHRONIZATION THERAPY IN PATIENTS WITH PERMANENT ATRIAL FIBRILLATION

M. Moghaddam, N. Moghaddam, B. Moghaddam, A. Bagher Zadeh
Jam Hospital, Tehran, Iran

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

P107 PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

OBESITY PREDICTS LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN HEALTHY MIDDLE AGE ADULTS WITH NO CARDIOVASCULAR RISK FACTORS

A. Pandit, F. Mookadam, A. Aryal, S. Boddu, A. Tandar, H. Chaliki, S. Cha, H. Lee
Mayo Clinic, Arizona, USA

THE RELATIONSHIP OF PLATELET COUNTS AND PLATELET INDICES TO CLINICAL OUTCOMES IN PATIENTS WITH CHRONIC HEART FAILURE

J. Gorthi, A. Akinapalli, M. Bengaluru, V. Kandasamy, A. Kaja, S. Vallabhajosyula, V. Alla, A. Mooss, C. Hunter
Creighton University Medical Center, Omaha, NE, USA

SELF-CARE AND ASSOCIATED FACTORS IN PATIENTS WITH CHRONIC HEART FAILURE IN KERMANSHAH, IRAN

S. Siabani, S.R. Leeder, P.M. Davidson, B. Hamzeh, D. Hercz
Sydney Medical School, the University of Sydney, NSW, Australia and Kermanshah University Medical Sciences (KUMS), Kermanshah, Iran

BARRIERS AND FACILITATORS TO SELF-CARE IN PATIENTS WITH CHRONIC HEART FAILURE: A REVIEW OF QUALITATIVE STUDIES

S Siabani, S.R. Leeder, P.M. Davidson
Menzies Center for Health Policy Medical School, The University of Sydney, NSW

DESCRIPTIVE PROFILE OF RESOURCES UTILIZATION AMONG HEART FAILURE PATIENTS AT KAH, EASTERN PROVINCE, SAUDI ARABIA

S. Hassanien, A. Jelan, M. Al Qaseer, E. Gaber, B. Jugdutt
King Saud bin Abdul Aziz University, Saudi Arabia

CHARACTERISTICS OF RESOURCES UTILIZATION AMONG MALE AND FEMALE HEART FAILURE PATIENTS AT KAH, EASTERN PROVINCE, SAUDI ARABIA

S. Hassanein, **A. Jelani**, E. Gaber, M. Al Qaseer, S. Hattingh, B. Jugdutt
King Saud bin Abdulaziz University for Health Sciences, Al Ahsa, Saudi Arabia

SATURDAY, JULY 27, 2013

14:00 – 16:15

Hall A

PL03 Plenary Session
PREVENTION OF CARDIOVASCULAR DISEASE: ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK

SEX DIFFERENCES IN CARDIOVASCULAR DISEASE (Invited Lecture)

V. Regitz-Zagrosek, Center for Cardiovascular Research (CCR) Coordinator Berlin, German

THE ASSOCIATION BETWEEN DEPRESSION AND DIABETES (Invited Lecture)

E. Barrett-Connor, UCSD Dept. of Family and Preventive Medicine, La Jolla, CA, USA

ALDOSTERONE - A BRIDGE BETWEEN CARDIOVASCULAR AND MOOD DISORDERS?
(Invited Lecture)

D. Jezova, N. Hlavacova, Slovak Academy of Sciences, Bratislava, Slovak Republic

HDL AND THE ATHEROSCLEROSIS - MYTH OR REALITY (Invited Lecture)

R.S. Rosenson, Mount Sinai Heart Mount Sinai School of Medicine, New York, NY, USA

OMEGA-3 SUPPLEMENTATION IMPROVES ARTERIAL STIFFNESS AND BIOMARKERS OF CV RISK IN LATINO AND WHITE PATIENTS WITH HYPERTENSION SERVED BY A SAFETY-NET HEALTHCARE SYSTEM (Invited Lecture)

C.S. Long, M.J. Krantz, University of Colorado Health Sciences Center and Denver Health Medical Center, Denver, CO, USA

USE OF NMR LDL LIPOPROTEIN PARTICLE ANALYSIS IN CARDIOVASCULAR DISEASE PREVENTION (Invited Lecture)

S.L. Kopecky

Mayo Clinic, Rochester, MN, USA

IMPACT OF RENAL SYMPATHETIC DENERVATION IN PATIENTS WITH DRUG RESISTANT HYPERTENSION (Invited Lecture)

K. Seidl, Klinikum Ingolstadt GmbH, Ingolstadt, Germany

HOW MUCH OF THE CVD RISK IS ATTRIBUTED TO DIET? (Invited Lecture)

D.B. Panagiotakos, Harokopio University of Athens, Athens, Greece

BEYOND HDL CHOLESTEROL: WHAT CAN WE LEARN FROM HDL PARTICLE NUMBER AND SIZE?

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

SATURDAY, JULY 27, 2013

14:00 – 16:45

Hall B

PL04 Plenary Session
SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

IMPACT OF DENERVATED MYOCARDIUM ON IMPROVING RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH (Invited Lecture)

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

CATHETER ABLATION IN PATIENTS WITH ELECTRICAL STORM - BENEFIT OF A CLINICAL NETWORK (Invited Lecture)

T. Deneke, K. Nentwich, J. Kerber, S. Kerber, A. Schade,
University of Bochum, Bochum, Germany

THE ROLE OF ELECTROPHYSIOLOGIC TESTING ON OUTCOME IN PATIENTS WITH ARVC (Invited Lecture)

F. Duru, University Hospital of Zurich, Switzerland

ROBOTICS IN THE EP LABORATORY: PROMISE, REALITY AND FUTURE DIRECTIONS (Invited Lecture)

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

BIVENTRICULAR PACING FOR ATRIOVENTRICULAR BLOCK AND SYSTOLIC DYSFUNCTION (Invited Lecture)

A.B. Curtis, S.J. Worley, P.B. Adamson, E.S. Chung, I. Niazi, L. Sherfese, T. Shinn,
M. St. John Sutton, University of Buffalo, NY, USA

IN THE OR V. THE EP LAB--WHERE IS THE BEST LOCATION FOR LEAD EXTRACTION (Invited Lecture)

C.A. Henrikson, Oregon Health & Science University, Portland, OR, USA

CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA: THE CLINICIAN'S PERSPECTIVE (Invited Lecture)

M.J. LaPage, University of Michigan, Ann Arbor, MI, USA

GENETIC BACKGROUND, CLINICAL CHARACTERISTICS, AND TREATMENT OF EARLY REPOLARIZATION SYNDROME (Invited Lecture)

H. Watanabe, Niigata University Graduate School of Medical & Dental, Asahimachidori, Japan

THE EVOLUTION OF THE PACING SITE: PAST, PRESENT AND FUTURE (Invited Lecture)

Y. Oginosawa, University of Occupational and Environmental Health, Yahatanishi,
Kitakyushu, Japan

A BLOOD TEST TO PREDICT ARRHYTHMIC RISK

G. Gao, V. Brahmanandam, M. Raicu, L. Gu, A. Shah, S. Negi, M. Wood, A. Tatoes, A. Schwartz, **S.C. Dudley**

University of Illinois at Chicago, and the Jesse Brown VAMC, Chicago, Illinois, USA

S23 Session

NEW DIRECTIONS IN CARDIAC SURGERY: SURGICAL REVASCLARIZATION / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION

HOSPITAL READMISSIONS IN OUTPATIENTS SUPPORTED WITH CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICES

D. Zhang, J. Shuster, H. Craddock, N. Huelsmann, S. Silvestry, S. Joseph
Barnes Jewish Hospital/Washington University School of Medicine, Saint Louis, MO, USA

MULTIPLE ARTERIAL GRAFTS IMPROVE LATE SURVIVAL OF PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING

C. Leker Locker, H.V. Schaff, J.A. Dearani, L.D. Joyce, S.J. Park, H.M. Burkhart, R.M. Suri, K.L. Greason, J.M. Stulak, R.C. Daly
Mayo Clinic, Rochester, MN, USA

PREDICTORS OF ACUTE CELLULAR REJECTION AND ITS ASSOCIATION WITH CARDIAC ALLOGRAFT VASCULOPATHY IN HEART TRANSPLANT PATIENTS

W.I Khalife, R.P. Vivo, S. Garikipati, P. Nalabothu, S. Johnson, K. Kislingbury, R. Sharif, A. Charif
University of Texas Medical Branch, Galveston, TX, USA

REDUCTION IN LV SIZE AFTER LVAD IMPLANTATION IS ASSOCIATED WITH REDUCTION IN QRS VOLTAGE AND DURATION

M.G. Sendra Ferrer, J.E. Banchs, T. Moukabary, S. Ferns, E.D. Penny-Peterson, S.M. Samii, D.L. Wolbrette, G.V. Naccarelli, M.D. Gonzalez
Pennsylvania State University, Hershey, PA, USA

CUSTODIOL-N VERSUS CUSTODIOL: A PROSPECTIVE RANDOMIZED DOUBLE BLIND MULTICENTER PHASE III TRIAL

G. Szabo, A. Weymann, B. Schmack, D. Badowski, G. Veres, M. Karck
University of Heidelberg, Heidelberg, Germany

LOW INCOME IS AN INDEPENDENT PREDICTOR OF IN-HOSPITAL MORTALITY AMONG HEART TRANSPLANT RECIPIENTS: A NATIONWIDE INPATIENT SAMPLE STUDY

A. Rab, M. Mujib, S. Khera, D. Kolte, C. Palaniswamy, W.S. Aronow
Stony Brook University, Stony Brook, NY, USA

IMPACT OF POSTTRANSPLANT WEIGHT GAIN ON CARDIAC ALLOGRAFT VASCULOPATHY

G. Hoefle, C.H. Saely, M. Martinelli, B. Meier, T. Carrel, M. Seitz, P.M. Villiger, **P. Mohacsi**
Inselspital, Bern, Switzerland

SUCCESSFUL USE OF IMPELLA 2.5 DEVICE IN CARDIAC ARREST DUE TO LEFT MAIN STENOSIS

M.A Zulqarnain, N. Nagajothi, Canton Medical Education Foundation, Canton, OH, USA

SATURDAY, JULY 27, 2013

14:00 – 16:45

Hall D

S24 **Session**
MOLECULAR CARDIOLOGY, BASIC RESEARCH

THE ROLE OF GALECTIN-3 AND CONNECTIVE TISSUE GROWTH FACTORS IN HYPERTENSIVE PATIENTS WITH DIASTOLIC HEART FAILURE: LINK OF CLINICAL AND BASIC STUDIES

J-J Chen, W-R Hao, C-K Wu, K-C Chang, J-C Liu, C-T Tsai
China Medical University, Taichung, Taiwan

CARDIOMYOCYTE-CARDIAC FIBROBLAST INTERACTION IN THE PATHOGENESIS OF DIABETIC CARDIOMYOPATHY -ROLE OF HMGB1/TLR4/IL-33 AXIS

X.M. Xu, J.C. Zhang, H. Xu, R. Kao, C.M. Martin, **T. Rui**
Critical Illness Research, Lawson Health Research Institute, London, ON, Canada

DOXORUBICIN-INDUCED CARDIOTOXICITY IN MICE IS PREVENTED BY LATE INHIBITION WITH RANOLAZINE, WITH IMPROVEMENT IN HEART FUNCTION, FIBROSIS AND APOPTOSIS

C. Coppola, G. Piscopo, C. Cipresso, D. Rea, C. Maurea, E. Esposito, C.G. Tocchetti, C. De Lorenzo, C. Arra, **N. Maurea**
National Cancer Institute Pascale Foundation, Naples, Italy

ATORVASTATIN INDUCES AUTOPHAGY OF MESENCHYMAL STEM CELLS UNDER HYPOXIA AND SERUM DEPRIVATION VIA MEK/ERK PATHWAY

N. Li, Q. Zhang, C. Jin, H.Y. Qian, Q.T. Dong, H. Xu, H. Zhang, Y.J. Yang
Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

EXCITABILITY OF DIRECT REPROGRAMMED MURINE TAIL FIBROBLASTS: BETWEEN WILD-TYPE FIBROBLASTS AND CARDIOMYOCYTES

M. Rav Acha, R.Mills, J.X. Chen, S.M. Wu, D. Milan
Massachusetts General Hospital, Charlestown, MA, USA

IMPORTANCE OF SLMAP IN CARDIOMYOCYTE VIABILITY AND MEMBRANE FUNCTION

A. Mahmood, M. Salih, B.S, Tuana
University of Ottawa, Ottawa, ON, Canada

GLIVEC (IMATINIB MESYLATE) INDUCES AUTOPHAGIC SIGNALLING IN CARDIAC MYOCYTES

L.P. Grazette, R. Kerkela, T. Force, A. Rosenzweig
Keck Medical Center of USC, Los Angeles, CA, USA

S24

Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH (continued)

CARDIOMYOCYTE-SECRETED ACETYLCHOLINE IS REQUIRED FOR MAINTENANCE OF HOMEOSTASIS IN THE HEART

A. Roy, W.C. Fields, C. Rocha-Resende, R.R. Resende, S. Guatimosim, V.F. Prado, R. Gros, M.A. Prado

Robarts Research Institute, London, Ontario, and The University of Western Ontario, London, Canada

UTILITY OF 2D-SPECKLE TRACKING ECHOCARDIOGRAPHY IN DIAGNOSIS OF LEFT VENTRICULAR DYSFUNCTION IN ANTI-ERBB2 THERAPY

C. Coppola, G. Piscopo, C. Cipresso, D. Rea, C. Maurea, C. Quintavalle, C.G. Tocchetti, G. Condorelli, C. Arra, **N. Maurea**

National Cancer Institute Pascale Foundation, Naples, Italy

HMG-COA REDUCTASE INHIBITORS IMPAIR SURVIVAL OF HUMAN MESENCHYMAL STEM CELLS VIA NF- κ B SIGNALING

A.L. Muller, Y. Li, M.A. Ngo, K. Sran, **R.C. Arora**, L.A. Kirshenbaum, D.H. Freed

St. Boniface Research Centre; University of Manitoba, Winnipeg, Canada

TETRAHYDROBIOPTERIN DEFICIENCY INDUCED HEART FAILURE VIA DYSREGULATION OF MITOCHONDRIAL BIOGENESIS, OXIDATIVE PHOSPHORYLATION AND ANTIOXIDANT SYSTEM

H.K. Kim, I-S. Song, N. Kim, K.S. Ko, B.D. Rhee, **J. Han**

Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea

SATURDAY, JULY 27, 2013

16:45 – 19:00

Hall A

PL05 Plenary Session
INFLAMMATION / INNATE AND ADOPTIVE IMMUNITY AND CARDIOVASCULAR DISEASES

INFLAMMATION - THE NEW TARGET FOR PREVENTION OF CORONARY ARTERY DISEASE (Invited Lecture)

R. Roberts, University of Ottawa Heart Institute, Ottawa, ON, Canada

SEPSIS AND THE CARDIOVASCULAR SYSTEM: GOING TO THE HEART OF THE MATTER (Invited Lecture)

M.A. Rossi, L.M Malvestio, M.R. Celes, V. Blefari, C.M. Prado, M.J. Figueiredo
University of Sao Paulo. Brazil

NEUTROPHILS IN ACUTE CORONARY ARTERY DISEASE (Invited Lecture)

J.G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

INTERACTION OF GENE AND SALT DIETS ON CARDIAC ANGIOTENSIN II, ALDOSTERONE, AND CYTOKINES IN HYPERTROPHIED HEART (Invited Lecture)

K.N. Pandey, Tulane University School of Medicine, New Orleans, LA, USA

MICROBIOTA, SYSTEMIC INFLAMMATION AND CARDIOVASCULAR FUNCTION (Invited Lecture)

M. Navab, S. Safar, G. Hough, F. Sedigh, A. Gapeleh, A. Ordookhani, Z.Barseghyan, R. Aliali, S. Reddy
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

ROLE OF COPPER TRANSPORTERS IN VASCULAR REMODELING AND INFLAMMATION (Invited Lecture)

T. Fukai, University of Illinois at Chicago, Chicago, IL, USA

THE COMPLEX CARDIOVASCULAR EFFECTS OF LEPTIN (Invited Lecture)

M.A. Allison, University of California, San Diego, La Jolla, CA, USA

HUMAN ENTEROVIRUS PERSISTENCE: POTENTIAL FOR EXACERBATION OF MYOCARDITIS (Invited Lecture)

N.M. Chapman, S. Tracy
University of Nebraska Medical Center, Omaha, NE, USA

CYTOKINES AND THE ROLE OF IMMUNOMODULATION IN HEART FAILURE OF DIFFERENT ETIOLOGIES

D. Anzulović-Mirošević, L Barzon, I Castagliuolo, P. Brun, G. Palù, M. Zaninotto, M. Maria Mion, M. Plebani, **S. Dalla-Volta**
University of Padua Medical School, Padua; Italy

VIRAL ANTI-ATHEROGENIC PROTEINS ALTER MONOCYTE AND NEUTROPHIL INVASION IN MICE WITH ALTERED BAG3 GENE EXPRESSION

J. Davids, S. Saikaly, **A.R. Lucas**
Cardiovascular Medicine, University of Florida, Gainesville, FL, USA

SATURDAY, JULY 27, 2013

PL06 Plenary Session**ADVANCES IN CARDIOVASCULAR SURGERY / CAROTID AND CORONARY REVASCULARIZATION / HEART TRANSPLANTATION**

NEW STRATEGIES FOR ACUTE STROKE INTERVENTION (Invited Lecture)

H. Sievert, L. Vaskelyte, I. Hofmann, J. Franke, S. Gafoor, S. Lam, S. Bertog
CardioVascular Center Frankfurt, Frankfurt, Germany

CHANGES IN HEART ALLOCATION FOR TRANSPLANTATION IN THE US AND WORLDWIDE: OPTIONS FOR A BETTER SOLUTION (Invited Lecture)

D.M. Meyer, University of Texas Southwestern, Med Center at Dallas, Dallas, TX, USA

SIMULTANEOUS HEART-KIDNEY TRANSPLANTATION (Invited Lecture)

M.R. Johnson, University of Wisconsin-Madison, Madison, WI, USA

UPDATE ON THE TREATMENT OF LEFT MAIN DISEASE (Invited Lecture)

B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA

CALIFORNIA REVASCULARIZATION: PCI OUTCOMES IN THE SUNSHINE STATE (Invited Lecture)

S. Ram, T.G. Patel, L. Vazquez, Z. Li, PCI-CAMPOS Investigators, **W.J. Bommer**
University of California Davis, Medical Center, Davis, CA, USA

UPDATE ON THE USE OF IMPELLA ASSIST DEVICE FOR HIGH RISK PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTIONS (Invited Lecture)

M.R. Movahed, University of Arizona Sarver Heart Center, Tucson, AZ, USA

DEVICE CLOSURE OF ASD- LONG-TERM FOLLOW UP WITH SPECIAL REFERENCE TO COMPLICATIONS (Invited Lecture)

M. Sadiq, The Childrens Hospital, Punjab Institute of Cardiology, Lahore, Pakistan

WHERE IS THE FINE BALANCE BETWEEN IMMUNOSUPPRESSION AND MALIGNANCY IN CARDIAC TRANSPLANTATION? (Invited Lecture)

N. Nair, Texas A&M HSC College of Medicine, Temple, TX, USA

MANAGEMENT STRATEGIES OF COMBINED SEVERE SYMPTOMATIC CAROTID AND CORONARY ARTERY DISEASE (Invited Lecture)

M. Abu-Fadel, University of Oklahoma HScC, Oklahoma City, OK, USA

THE NO-TOUCH SAPHENOUS VEIN AS THE PREFERRED SECOND CONDUIT FOR CORONARY ARTERY BYPASS SURGERY

M. Dreifaldt, J.D. Mannion, L. Bodin, H. Olsson, .L Zagozdzon, D. Souza
University Hospital, Orebro, Sweden

S25 **Session**
SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL

INGESTION-TIME-DEPENDENT EFFECTS OF HYPERTENSION TREATMENT ON AMBULATORY BLOOD PRESSURE IN PATIENTS WITH CHRONIC KIDNEY DISEASE: THE HYGIA PROJECT

D.E. Ayala, M.T. Rios, J.J. Crespo, E. Sineiro, A. Moya, A. Otero, M. Dominguez, A. Mojon, J.R. Fernandez, **R.C. Hermida**, University of Vigo, Vigo, Spain

RENAL SYMPATHETIC DENERVATION FOR RESISTANT HYPERTENSION IN THE REAL WORLD CLINICAL PRACTICE: PRELIMINARY RESULTS OF THE SYMPLICITY VENEZUELA REGISTRY

H.S. Casal, C. Collet, B. Burger, N. Beer, G. Varnagy, M. Herrera, **I. Mendoza**, J. Munoz, C. Calderas, R. Lopez, Hospital de Clinicas Caracas, Venezuela

PREVALENCE OF HYPERTENSION IS HIGHER IN WOMEN WITH AN EXPERIENCE OF PRE-ECLAMPSIA

M.S. Shin, B.R. Kim, S.J. Park, S.W. Han, I.M. Chung, D.J. Choi, M.C. Cho
Gachon University Gil Hospital, Incheon, Korea

PROGNOSTIC VALUE FOR CARDIOVASCULAR RISK OF CLINIC AND AMBULATORY BLOOD PRESSURE IN CHRONIC KIDNEY DISEASE

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

PREVALENCE OF HYPERTENSION AND ITS ASSOCIATION WITH METABOLIC RISK FACTORS IN TYPE 2 DIABETIC PUNJABI POPULATION

R. Kapoor, R. Duggal, S. Kapoor, R. Kapoor
Carewell Heart & Superspeciality Hospital, Amritsar, Punjab, India

CARDIORESPIRATORY RESPONSE TO EXERCISE AFTER RENAL SYMPATHETIC DENERVATION IN RESISTANT HYPERTENSION

C. Ukena, F. Mahfoud, S. Ewen, I. Kindermann, M. Boehm
Innere Medizin III - Universitaetsklinikum des Saarlandes, Homburg/Saar, Germany

CORRELATION BETWEEN LVEDP AND PCWP IN PATIENTS WITH PULMONARY HYPERTENSION

W.I. Khalife, M. Morsy, T. Abu Sharifeh, UTMB, Galveston, Texas, USA

PREDICTORS OF PULMONARY HYPERTENSION IN PATIENTS WITH DIASTOLIC DYSFUNCTION

P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan, J. Rodriguez
UTMB, Galveston, TX, USA

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P201 PROGRESS IN ECHOCARDIOGRAPHY

ASSESSMENT OF MYOCARDIAL SCAR BY OPTISON ENHANCED ECHOCARDIOGRAPHY

M.E. Aldridge, T.Z. Naqvi, A. Bamba

Keck Medical Center of USC, Keck School of Medicine, Los Angeles, CA, USA

CORRELATION BETWEEN THE DOSE OF DOBUTAMINE AND ADDITIONAL USE OF ATROPINE TO ACHIEVE TARGET HEART RATES DURING DOBUTAMINE STRESS ECHOCARDIOGRAM (DSE) TEST AND CLINICAL OUTCOMES: A RETROSPECTIVE ANALYSIS

J.H. Patel, M.K. Ishaq, S. Stavraki, C.A. Sivaram, P. Lozano, **U. Thadani**

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

COMPARISON OF TISSUE DOPPLER CHARACTERISTICS IN LV BASAL SEGMENTS BETWEEN DIABETIC AND NON DIABETIC PATIENTS

F. Ahmadi, M. Seiedian, T. Sahraee, F. Daeenejad, **M. Nourizadeh**, N. Asadinia

Cardiovascular Disease Research Center, Ahvaz Joundishapour University, Ahvaz, Iran

P202 ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES

RISK PREDICTION OF CONTRAST-INDUCED NEPHROPATHY IN DIABETIC PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE MYOCARDIAL INFARCTION

J. Sugioka, M. Inagaki, S. Fukuzawa, A. Ikeda, S. Okino, J. Maekawa, S. Maekawa, S. Ichikawa, N. Kuroiwa, S. Okamoto

Funabashi Municipal Medical Center, Chiba, Japan

CULPRIT VESSEL VERSUS COMPLETE MULTIVESSEL REVASCULARIZATION IN PATIENTS PRESENTING WITH ST-SEGMENT MYOCARDIAL INFARCTION: A SINGLE CENTER RETROSPECTIVE ANALYSIS

R.S. Marok, L.W. Klein

Advocate Illinois Masonic Medical Center Chicago, IL, USA

ACCESS TO HEALTH CARE IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION IN SOUTHERN FLORIDA

C.A. Rueda Rios, A. Damluji, L. Rueda, H. Salazar, A. Ferreira

University of Miami Miller School of Medicine, Jackson Memorial Hospital, Miami, Florida, USA

IMPACTS OF PCI IN-HOSPITAL OUTCOMES AND LIFE EXPECTANCY IN PATIENTS AFTER ACUTE MYOCARDIAL INFARCTION

T-H. Hsieh, L-M Tsai

Division of Cardiology, Department of Internal Medicine, College and Hospital of National Cheng Kung University, Tainan, Taiwan

PERI-PROCEDURAL HEMOGLOBIN DROP AND CREATININE CHANGE IN PATIENTS UNDERGOING SINGLE VESSEL PCI, A COMPARISON BETWEEN TRANSRADIAL AND TRANSFEMORAL APPROACHES

M. Bheemarasetti, S. Sudhakar, **S.A. Gilani**, A.R. Al Emam, S. Cherry, A. Almomani, A. Kumar, A. Charif, UTMB, Galveston, Texas, USA.

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P203 CAD: SECONDARY PREVENTION, CARDIAC REHAB, PROGNOSIS

CHRONIC KIDNEY DISEASE: AMBULATORY BLOOD PRESSURE DIAGNOSTIC THRESHOLDS OF HYPERTENSION IN BASED ON CARDIOVASCULAR OUTCOMES

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

DISTANCE GUIDANCE REINFORCEMENT PROGRAM AND ADHERENCE OF THE TREATMENT OF DYSLIPIDEMIA IN PRIMARY CARE THE PRECAVER STUDY

J.F.K. Saraiva, L.S. Oliveira, A.T. Rocha, D.L. Dias, C.R. Rodrigues, V.M. Omar, P.A.P. Miranda, J.E.P. Neves, A. Perscinotti
PUCAMP, Campinas, SP Brazil

DURATION OF SURGERY AND POSTOPERATIVE ECG IN NON-CARDIAC PATIENTS UNDERGOING MAJOR ABDOMINO-PELVIC SURGERIES

H. Sakota, G. Youssef, A. Hassan, **H. Kandil**
Cardiology Department, Cairo University, Cairo, Egypt

PREVALENCE OF POSTOPERATIVE ECG CHANGES IN NON-CARDIAC PATIENTS UNDERGOING MAJOR ABDOMINO-PELVIC SURGERIES

H. Sakota, G. Youssef, A. Hassan, **H. Kandil**
Cardiology Department, Cairo University, Cairo, Egypt

ISOLATED CHRONIC TOTAL OCCLUSION OF LEFT ANTERIOR DESCENDING ARTERY: FOLLOW-UP PATIENTS FOR 8 YEARS

M. Prokudina, I. Konstantinov, P. Mochalov, E. Bobrova, E. Karev, N. Malinina
Federal Center of Heart, Blood and Endocrinology. St. Petersburg, Russia

P204 INSIGHTS INTO MECHANISM AND MANAGEMENT OF ATRIAL FIBRILLATION

POSTOPERATIVE ATRIAL FIBRILLATION IS ASSOCIATED WITH HIGHER EUROSCORE, BUT NOT WITH HOSPITAL MORTALITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY

C. Chen-Scarabelli, G. Faggian, G. Petrilli, L. Saravolatz, J. Narula, **T.M. Scarabelli**
St John Hospital and Medical Center/Wayne State University, Detroit, MI, USA

THE VALUE OF LAVI AND CHADSVASC AS PREDICTORS OF STROKE RECURRENCE IN PATIENTS WITH NO PRIOR AF: A SAUDI EXPERIENCE

M.M. AlQaseer, A.K AlQarni, Y. Alawi, **A.D. Jelani**, B.I. Jugdutt
King AbdulAziz Hospital, National Guard Health Affairs, AlAhsa, Kingdom of Saudi Arabia

ATRIAL FIBRILLATION IN PATIENT WITH DIASTOLIC DYSFUNCTION AND RISK OF ISCHEMIC STROKE

P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, J. Rodriguez, A. Khan, S. Mutnuri
UTMB, Galveston, TX, USA

ATRIAL ELECTROMECHANICAL INTERVAL IN THE PREDICTION OF RECURRENCE OF ATRIAL FIBRILLATION IN PATIENTS UNDERGOING SUCCESSFUL ELECTRICAL CARDIOVERSION TO SINUS RHYTHM

K.G. Ulveling, **M.J. Holmberg**, T. Burns, A.M. Ayers, J. Go, A.N. Mooss
Creighton University, Omaha, NE, USA

SUCCESS RATES FOR MAINTENANCE OF SINUS RHYTHM WITH DIRECT CURRENT CARDIOVERSION AND AGGRESSIVE ANTI-ARRHYTHMIC THERAPY IN PATIENTS WITH ATRIAL FIBRILLATION

F.N.U Shailesh, S. Pant, S. Kasula, J. Russell, M. Abed, A.J. Deshmukh, H. Paydak,
S. Vallurupalli
University of Arkansas for Medical Sciences, Little Rock, AR, USA

ATRIAL FIBRILLATION ADDS TO THE BURDEN OF ISCHAEMIC STROKES IN A MULTI-ETHNIC SOUTHEAST ASIAN POPULATION

J. See, J. Chow
Changi General Hospital, Singapore

P204 INSIGHTS INTO MECHANISM AND MANAGEMENT OF ATRIAL FIBRILLATION (continued)

USEFULNESS OF DABIGATRAN IN THE PATIENTS WITH NON VALVULAR ATRIAL FIBRILLATION

T. Tomaru, M. Ueshima, T. Matsubara, E. Matsubara, Y. Sugiyama
Toho University Medical Center Sakura Hospital, Japan

SAFETY OF CLASS-1C ANTIARRHYTHMIC DRUG TREATMENT IN PATIENTS WITH ATRIAL FIBRILLATION AFTER EXCLUSION OF CORONARY CALCIFICATIONS BY CT - LONG TERM RESULTS

R. Wakili, M. Greif, F. von Ziegler, F. Schuessler, S. Clauss, H. Estner, S. Kaab, A Becker
Medical Department I, Klinikum Grosshadern, University of Munich

IN HOSPITAL REGISTRY OF ATRIAL FIBRILLATION AND MULTIVARIANT ANALYSIS

V.C. Borra, S.T. Sadagopan, V.B. Krishnan, L.S. Borra, J.A. Babburi
Sri Ramachandra University, Nagarjuna Hospitals, Chennai, India

P205 CARDIOVASCULAR ASPECTS IN RENAL DISEASE

ROLE OF RENAL DYSFUNCTION IN PREDICTING ATRIAL FIBRILLATION IN PATIENTS WITH LEFT VENTRICULAR DIASTOLIC DYSFUNCTION AND CORRELATION WITH PRO-BNP

P. Rodriguez-Lozano, W. Khalife, M. Morsy, J. Rodriguez, A. Khan, S. Mutnuri
UTMB, Galveston, TX, USA

RELATIONSHIP OF CARDIOVASCULAR MORTALITY & HOMOCYSTEINE LEVELS IN CHRONIC KIDNEY DISEASE

N. Nand
Post graduate Institute of Medical Sciences, Rohtak, India.

P206 PERICARDITIS

LUPUS PERICARDITIS POST CARDIAC TAMPONADE SECONDARY TO MITRAL VALVULOPLASTY

S.H. Wan, F.C. Ernste
Mayo Clinic, Rochester, MN, USA

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P207 LEFT VENTRICULAR HYPERTROPHY / HYPERTROPHIC CARDIOMYOPATHY

CAN A PATIENT WITH FAMILY HISTORY OF HOCM WITH NEAR NORMAL ECHOCARDIOGRAM, BE AT HIGH RISK OF SUDDEN DEATH?

H.M. Shamsulddin, S. Kannagati, R. Mallareddy, **T. Aung**, J. Schiavone
Easton Hospital, Easton, PA, and Drexel University, Philadelphia, PA, USA

REPEAT ECHOCARDIOGRAPHIC SCREENING IN SUBJECTS UNDERGOING SCREENING ECHOCARDIOGRAPHY FOR DETECTION OF HYPERTROPHIC CARDIOMYOPATHY

M.R. Movahed, S. Bates
University of Arizona, Tucson, AZ, USA

P208 MISCELLANEOUS

EFFICACY AND SAFTY OF CITALOPRAM IN TREATMENT OF NEUROCARDIOGENIC SYNDROME: EARLY AND LATE FOLLOW UP

N.N. Kadri, A.N. Kadri, L.F. Nusairat
Jordan Hospital and Medical Center, Amman, Jordan

PREDICTORS OF DIASTOLIC DYSFUNCTION IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE

P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, J. Rodriguez, A. Khan, S. Mutnuri
UTMB, Galveston, TX, USA

ASSOCIATED MEDICAL CONDITIONS IN PATIENTS TREATED WITH THERAPEUTIC NORMOTHERMIA OR HYPOTHERMIA FOR CARDIOVASCULAR AND NEUROLOGICAL INDICATIONS

Y. Ji, A. Elkharbotly, T. Waters, M. Torosoff
Albany Medical College, Albany, NY, USA

SUNDAY, JULY 28, 2013

08:30 – 10:45

Hall A

PL07 Plenary Session
PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE

IGE ACTIVITIES ON CD4+ T CELLS ARE EQUALLY IMPORTANT TO THOSE ON MAST CELLS IN EXPERIMENTAL ABDOMINAL AORTIC ANEURYSMS (Invited Lecture)

J. Wang, J.S. Lindholt, P. Libby, **G.P. Shi**

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

LESSONS FROM ANIMAL MODELS OF ARTERIAL ANEURYSM (Invited Lecture)

S. David Gertz, L. Gavish

The Hebrew University - Hadassah Medical School, Jerusalem, Israel

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

PRACTICAL GENETICS OF THORACIC AORTIC ANEURYSM (Invited Lecture)

J.A. Eleftheriades, Aortic Institute at Yale-New Haven, New Haven, CT, USA

UPDATE ON AHA GUIDELINES FOR MANAGEMENT OF THORACIC AORTIC DISEASE (Invited Lecture)

A.T. Yetman, University of Utah, Salt Lake City, UT, USA

POLYVASCULAR DISEASE: DIAGNOSIS AND TREATMENT (Invited Lecture)

T. Tomaru, J. Suzuki, T. Matsubara, E. Matsubara, Y. Minami

Toho University Sakura Hospital, Japan

CORRELATION BETWEEN AORTIC ROOT DILATION AND DIASTOLIC DYSFUNCTION

P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan

UTMB, Galveston, TX, USA

THE DA VINCI ROBOT AND NEW ERA OF VASCULAR SURGERY

P. Stadler, L. Dvoracek, P. Vitasek, P. Matouš

Na Homolce Hospital, Praha, Czech Republic

ENDOVENOUS ABLATION THERAPY FOR TREATMENT OF VENOUS INSUFFICIENCY: COMPARATIVE STUDY EVALUATING EFFICACY BETWEEN LASER AND RADIOFREQUENCY IN SYMPTOMATIC VENOUS INSUFFICIENCY

L.M. Slusher, Niyanthesh A. Reddy, Navya A. Reddy, D.L. Slusher, Nagendar A. Reddy

Lorven Heart & Vascular Institute, Ocala, FL, USA

SUNDAY, JULY 28, 2013

08:30 – 10:45

Hall B

PL08 Plenary Session
VASCULAR BIOLOGY, IMMUNE MEDIATED SURVIVAL AND OXIDATIVE STRESS

STATIN EFFECTS BEYOND LIPID LOWERING: ATORVASTATIN INHIBITION OF MYOCARDIN EXPRESSION IN VASCULAR SMOOTH MUSCLE (Invited Lecture)

X.L. Zheng, University of Calgary, Calgary, AB, Canada

CROSS-TALK BETWEEN NADPH OXIDASE AND MITOCHONDRIA FOR ROS-DEPENDENT VEGF SIGNALING AND ANGIOGENESIS (Invited Lecture)

M. Ushio-Fukai, University of Illinois at Chicago, Chicago, IL, USA

mTOR SIGNALING IN VASCULAR AND IMMUNE MEDIATED DISEASE (Invited Lecture)

K. Maiese, Mitsubishi Tanabe Pharma, Jersey City, NJ, USA

CORONARY VASOMOTOR REGULATION BY ENDOTHELIN-1 AND OXIDATIVE STRESS (Invited Lecture)

L. Kuo, G. Lu, T.W. Hein, Texas A&M Health Science Center, Temple, TX, USA

THE ROLE OF NITRIC OXIDE/PEROXYNITRITE IMBALANCE IN THE ISCHEMIC HEART (Invited Lecture)

H. Wang, **T. Malinski**, Ohio University, Athens, OH, USA

DIHYDROFOLATE REDUCTASE IN CARDIOVASCULAR PATHOPHYSIOLOGY (Invited Lecture)

H. Cai, UCLA David Geffen School of Medicine Los Angeles, CA, USA

THIOREDOXIN-1 GENE THERAPY FOR CARDIOVASCULAR DISEASE (Invited Lecture)

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

HYPERCHOLESTEROLEMIA-INDUCED OXIDATIVE STRESS IN THE HEART (Invited Lecture)

K. Prasad, University of Saskatchewan, Saskatoon, SK, Canada

IL-10 AND INNATE SIGNALING IN CARDIOMYOCYTE PROTECTION (Invited Lecture)

A. Bagchi, A. Sharma, G. Akolkar, **P.K. Singal**
St. Boniface General Hospital Research Centre, Winnipeg, MN, Canada

CD137 DEFICIENCY REDUCES THE DEVELOPMENT AND PLAQUE INSTABILITY OF ATHEROSCLEROSIS

G.T. Oh, I.H. Jung, J. Jin, D.Y. Kim
Ewha Womans University, Seoul, Korea

S26 **Session**
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

SAFETY OF ECHOCARDIOGRAPHIC CONTRAST IN HOSPITALIZED PATIENTS WITH PULMONARY HYPERTENSION: A MULTICENTER STUDY

V. Suma, O. Wever-Pinzon, A. Ahuja, J. Romero, N. Sareen, S.A. Henry, M.D. Zunino, F.F. Chaudhry, R.S. Suryadevara, F.A. Chaudhry
North Shore University Hospital, Hofstra NS-LIJ School of Medicine, Manhasset, NY, USA

MDCT QUANTIFICATION OF EXTRACELLULAR VOLUMES IN ACUTE AND SCARRED MYOCARDIAL INJURIES

L. Do, M.W. Wilson, M. Suhail, S.W. Hetts, M. Saeed
University of California San Francisco, San Francisco, CA, USA

LONG-TERM FOLLOW-UP OF CORONARY COMPUTED TOMOGRAPHY IN PATIENTS WITH CHEST PAIN AT INTERMEDIATE RISK

F.B. Sozzi, F. Civaia, P. Rossi, J.F. Robillon, S. Rusek, F. Bertier, F. Bourlon, L. Iacuzio, G. Drayfus, V. Dor
Fondazione IRCCS Cà Granda, Cardiology, Milan, Italy

WHO IS YOUNG AT HEART AND WHEN? DATA FROM THE MIND YOUR HEART STUDY

S. Pursnani, K. Singh, S. Lahsaei, B. Ristow, R.E. Shaw, B.E. Cohen, N. Schiller
California Pacific Medical Center; San Francisco, CA, USA

OPTICAL COHERENCE TOMOGRAPHY FINDINGS OF LESION WITH VERY LATE RESTENOSIS AFTER BARE METAL STENT IMPLANTATION

M. Habara, M. Terashima, K. Nasu, T. Teramoto, M. Kimura, Y. Kinoshita, E. Tsuchikane, Y. Asakura, T. Matsubara, T. Suzuki
Toyohashi Heart Center, Toyohashi, Aichi, Japan

CORONARY CHRONIC TOTAL OCCLUSIONS; EVALUATION AND PREDICTION OF PERCUTANEOUS INTERVENTION OUTCOME BY COMPUTED TOMOGRAPHY CORONARY ANGIOGRAPHY AS COMPARED TO CONVENTIONAL CORONARY ANGIOGRAPHY

S. Elkaffas, S. Sumitsuji, A. Hassan-Mostafa, K. Said, H. Kandil, S. Nanto
Cairo University, Department of Cardiology, Cairo, Egypt

UNVEILING RESTRICTIVE CARDIOMYOPATHIES WITH CARDIAC MAGNETIC RESONANCE

N.R. Aggarwal, Mayo Clinic, Rochester, MN, USA

LOW RISK CHEST PAIN PATIENTS MIGHT NOT BENEFIT FROM IN PATIENT STRESS TESTING

Y. Nawaz, B. Ayub, D. Schneider, R.A Watson
Lehigh Valley Hospital, Allentown, PA, USA

S26

Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES (continued)

NON-INVASIVE ASSESSMENT OF THE LEFT VENTRICULAR END-DIASTOLIC PRESSURE USING PORTABLE ULTRASOUND MEASUREMENTS OF THE RIGHT INTERNAL JUGULAR VEIN

G.T. Jao, R.W. Savage, J. Li, K. Buchanan, D.C. Sane
Carilion Clinic-Virginia Tech School of Medicine, Roanoke, VA, USA

THE INFLUENCE OF EARLY TRAINING IN TRANS-RADIAL VERSUS TRANS-FEMORAL APPROACH DURING SELECTIVE CORONARY ANGIOGRAPHY

S. Sudhakar, M. Bheemarasetti, **W. Khalife**, A. al Emam, S. Cherry, A. Almomani, A. Sharife, S. Onguti, S. Gilani
University of Texas Medical Branch, Galveston, Texas, USA.

SUNDAY, JULY 28, 2013

08:30 – 11:00

Hall D

S27 Session

ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

CORONARY COLLATERALS ARE NOT CARDIOPROTECTIVE IN MULTIETHNIC STEMI PATIENTS AFTER REVASCLARIZATION

A. Avezbadalov, A. Jaiswal, E.N. Moustakakis, C.H. Park, A.J. Buda
New York Hospital Queens, Weill Cornell Medical College, New York, NY, USA

MICROVASCULAR OBSTRUCTION LIMITS MYOCARDIAL INFARCT RESORPTION

H. Bajwa, M.W. Wilson, L. Do, S.W. Hetts, M. Saeed
University of California San Francisco, CA, USA

ACUTE MYOCARDIAL INFARCTION AND MULTIVESSEL DISEASE: DIFFERENT PERCUTANEOUS REVASCLARIZATION STRATEGIES IN REAL WORLD

A. Manari, E. Varani, P. Guastaroba, M. Menozzi, M. Valgimigli, L. Vignali, P. Magnavacchi, A. Marzocchi, G. Casella
S. Maria Nuova Hospital, Reggio Emilia, Italy

INFLAMMATION/LIPID SCORE MAY OUTPERFORM TIMI SCORE FOR PREDICTION OF PCI-TREATED STEMI OUTCOMES

J.D. Kasprzak, K. Kolodziej, J.Z. Peruga, Z. Bednarkiewicz, M. Krzeminska-Pakula, T. Rechciński
Medical University of Lodz, Lodz, Poland

OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROME REQUIRING INTENSIVE CARE UNIT ADMISSION

A Jain, R. Giri, H. Luckraz, New Cross Hospital, Wolverhampton, UK

IS STEMI AS COMMON AS WE THINK IN SYMPTOMATIC PATIENTS WITH LEFT BUNDLE BRANCH BLOCK?

F.A Alkindi, A.M. Arabi, A.A. Patel, A. Gehani, R. Singh, J. Alsuwaidi, H. Albinali
Hamad Medical Corporation, Doha, Qatar

QT DISPERSION AND T WAVE PEAK TO END TIME SIGNIFICANTLY CHANGE AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH ACUTE ST ELEVATION

V. Eslami, M. Safi, M. Taherkhani, A. Adibi, **M.R. Movahed**
University of Arizona, USA

MICROEMBOLI EFFECTS ON LEFT VENTRICULAR FUNCTION, NECROSIS BIOMARKERS AND HISTOPATHOLOGY IN PRE-EXISTING AMI

L. Do, M.W. Wilson, J. Murayama, S. Nahi, S. Tse, B. Thorne, M. Suhail, S. Hetts, M. Saeed
University of California San Francisco, San Francisco, CA, USA

ACUTE MYOCARDIAL INFARCTION IN HOSPITALIZED PATIENTS WITH THROMBOTIC THROMBOCYTOPENIC PURPURA

N. Balasubramaniyam, D.S. Kolte, C. Palaniswamy, K. Yalamanchili, W.S. Aronow, J.A. McClung, S. Khera, M. Mujib, S. Sule, SJ Peterson
Internal Medicine, New York Medical College, Valhalla, NY, USA

S27

Session

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

ANALYSIS OF CURRENT TREATMENT AND OUTCOMES FOR ACUTE MYOCARDIAL
INFARCTION IN ETHIOPIA

S. Zaeh, A. Giday, C. Smitson, E. Weldeyes, **J. O'Mara**

Yale University, New Haven, CT, USA

SUNDAY, JULY 28, 2013

11:15 – 14:00

Hall A

PL09 Plenary Session

VALVULAR HEART DISEASE: MECHANISMS, IMAGING AND TREATMENT OPTIONS

ANTICOAGULATION AND HEART VALVE DISEASE: IS IT TIME TO RECONSIDER WHO AND HOW? (Invited Lecture)

J.S. Borer, State University of New York Downstate Medical Center, New York, NY, USA

NEW INSIGHT INTO TREATMENT OF AORTIC STENOSIS: LIGHT AT THE END OF THE TUNNEL (Invited Lecture)

D.D. Heistad, R.M. Weiss, University of Iowa College of Medicine, Iowa City, IA, USA

TRANSAPICAL TRANSCATHETER AORTIC VALVE REPLACEMENT IN THE PRESENCE OF A MITRAL PROSTHESIS (Invited Lecture)

J. Ye, University of British Columbia, Vancouver, BC, Canada

OXIDATIVE-MECHANICAL SIGNALING ACTIVATES Wnt3a-Lrp5 MEDIATED AORTIC VALVE OSTEOGENESIS IN BICUSPID AORTIC VALVE DISEASE (Invited Lecture)

N.M. Rajamannan, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

EVOLVING TREATMENT STRATEGIES FOR TRICUSPID VALVE DISEASE (Invited Lecture)

H.K. Reddy, R.C. Komatireddy, R.K. Sharma, D.J. Voelker
University of Arkansas for Medical Sciences, Little Rock, AR, USA

TAVI - WAVE OF THE FUTURE OR TIME FOR A DEEP BREATH? (Invited Lecture)

H.L. Lazar, Boston Medical Center, Boston, MA, USA

TRANSESOPHAGEAL ECHOCARDIOGRAPHY FOR TRANSCATHETER AORTIC VALVE REPLACEMENT (Invited Lecture)

S. Lerakis, P. Block, V. Thourani, R. Guyton, V. Babaliaros
Emory University Hospital, Atlanta, GA, USA

ASYMPTOMATIC SEVERE AORTIC STENOSIS: OPERATE OR WAIT? (Invited Lecture)

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

EARLY SURGERY IN MITRAL REGURGITATION: IS IT A NEW TREND? (Invited Lecture)

Y.J. Kim, Seoul National University College of Medicine, Chongno-gu, Seoul, Korea

MAJOR NON-CARDIAC SURGERY IN PATIENTS WITH AORTIC STENOSIS - SAME AS 20 YEARS AGO? (Invited Lecture)

S. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

SURGICAL TIMING FOR INFECTIVE ENDOCARDITIS (Invited Lecture)

D.H. Kang, University of Ulsan, Asan Medical Center, Seoul, Korea

SUNDAY, JULY 28, 2013

11:15 – 13:45

Hall B

PL10 Plenary Session
ARRHYTHMIA, ELECTROPHYSIOLOGY AND STROKE PREVENTION

THE WORK UP OF ASYMPTOMATIC WOLFF-PARKINSON-WHITE SYNDROME
(Invited Lecture)

C. Snyder, W. Hoyt Jr., J. Steinberg, Rainbow Babies and Children's Hospital,
Cleveland, OH, USA

ATRIAL FIBRILLATION AS A GENETIC DISEASE (Invited Lecture)

M.H. Gollob, University of Ottawa Heart Institute, Ottawa, Ontario, Canada

IS THERE A PERFECT APPROACH FOR ABLATION PERSISTENT ATRIAL FIBRILLATION?
(Invited Lecture)

K. Srivathsan, Mayo Clinic, Arizona, AZ, USA

THORACOSCOPIC BIATRIAL MAZE PROCEDURE – A NOVEL MINIMAL-INVASIVE
REMEDY WITH PROMISING MIDTERM RESULTS (Invited Lecture)

A. Khojenezhad, Cedars-Sinai Medical Center, Los Angeles, CA, USA

LEFT ATRIAL APPENDAGE CLOSURE (Invited Lecture)

S. Bertog, L. Vaskelyte, I. Hofmann, S. Lam, S. Gafoor, J. Wiebe, H. Sievert
CVC Frankfurt/Minneapolis VA Medical Center, MN, USA

CRYPTOGENIC STROKE - COULD LONG TERM CARDIAC MONITORING UNCOVER THE
CAUSE (Invited Lecture)

J. Rod Gimbel, Knoxville, TN, USA

MY PATIENT CANNOT STAND UP: WHAT TO DO ABOUT ORTHOSTATIC HYPOTENSION
(Invited Lecture)

S.R. Raj, Vanderbilt University, Nashville TN, USA

ANTICOAGULATION IN PATIENTS WITH SYSTOLIC HEART FAILURE AND SINUS
RHYTHM: WHEN? (Invited Lecture)

E. Yetkin, Middle East Hospital, Merzin, Turkey

LONG TERM EFFICACY OF ATRIAL BASED PACING AND BETA BLOCKER THERAPY TO
PREVENT SUDDEN CARDIAC DEATH IN CONGENITAL LONG QT SYNDROME

A. Chatterjee, H. Doppalapudi, Y.R. Lau, T. Yamada, H.T. McElderry, V.J. Plumb, G.N .Kay
University of Alabama at Birmingham, Birmingham, AL, USA

ASSOCIATION OF CORRECTED QT INTERVAL WITH LONG-TERM MORTALITY IN
PATIENTS WITH SYNCOPE

J. Garg, P. Harikrishnan, N. Balasubramaniam, C. Palaniswamy, W.S. Aronow, S. Khera,
G. Balasubramanian, C. Nabors, S.J. Peterson, S. Sule
Westchester Medical Center, New York Medical College, Valhalla, NY, USA

SUNDAY, JULY 28, 2013

11:15 – 13:45

Hall C

S28 **Session**

**NEW INSIGHTS INTO PATHOGENESIS, PREVENTION AND TREATMENT OF
CARDIOMYOPATHIES**

PREVENTIVE AND/OR THERAPEUTIC EFFECT OF NRF2 ACTIVATORS ON DIABETES- OR
ANGIOTENSIN II-INDUCED CARDIOMYOPATHY

L. Cai

University of Louisville, Louisville, KY, USA and The Chinese-American Research Institute for
Diabetic Complications, Wenzhou Medical College, Wenzhou, China

DOES THE ETIOLOGY OF RECIPIENT CARDIOMYOPATHY OR LEFT VENTRICULAR
HYPERTROPHY POST TRANSPLANT PREDICT THE LONG TERM INCIDENCE OF
CORONARY ALLOGRAFT VASCULOPATHY?

W.I. Khalife, S. Garikipati, R.P. Vivo, P. Nalabothu, S. Johnson, K. Kislingbury,
R. Sharif, A. Charif

University of Texas Medical Branch, Galveston, TX, USA

TAKOTSUBO CARDIOMYOPATHY: ANALYSIS FROM THE NATIONAL INPATIENT SAMPLE
2009-2010

P. Krishnamoorthy, J. Garg, C. Palaniswamy, J.A McClung, H. Ahmad

Englewood Hospital and Medical Center, Englewood, NY, USA

PROGNOSTIC VALUE OF FRAGMENTED QRS COMPLEX ON ECG OF HYPERTROPHIC
CARDIOMYOPATHY PATIENTS WITH ICD

B.M. Omery, M. Homsy, A.S. Aasar, M. Das

Krannert Institute of Cardiology, Indiana University School of Medicine, Indianapolis, IN, USA

LIRAGLUTIDE POSTCONDITIONING IS MORE EFFECTIVE THAN EXENDIN-4 IN LIMITING
REPERFUSION INJURY IN BOTH WKY AND SHR-SP RATS WITH LEFT VENTRICULAR
HYPERTROPHY

B. Faricelli, M. Salomonsson, A. Consoli, T. Engstroem, M. Treiman

University of Copenhagen, Faculty of Health Sciences, Copenhagen, Denmark and

G. d'Annunzio University, Department of Medicine and Aging Sciences, Chieti, Italy

SENSITIVITY AND SPECIFICITY OF COMMONLY USED EKG CRITERION TO ASSESS
LEFT VENTRICULAR HYPERTROPHY IN CENTENARIANS

A. Sharma, S. Chatterjee, V. Shetty, E. Lichstein

Maimonides Medical Center, Brooklyn, NY, USA

A CASE OF FATAL FULMINANT MYOCARDITIS PRESENTING AS AN ACUTE ST-SEGMENT
ELEVATION MYOCARDIAL INFARCTION AND PERSISTENT VENTRICULAR
TACHYARRHYTHMIA ASSOCIATED WITH INFLUENZA A (H1N1) VIRUS IN A PREVIOUSLY
HEALTHY PREGNANT WOMAN

Z.J. Tharayil, M.A. Ona, D.R. Bashari, A. Charlot, I. Hoskins, M. Timoney, S. Usmani,
R. Royzman

Lutheran HealthCare, Brooklyn, NY, USA

S28

Session

**NEW INSIGHTS INTO PATHOGENESIS, PREVENTION AND TREATMENT OF
CARDIOMYOPATHIES (continued)**

MYOCARDIAL INFARCTION... OR NOT? THE TIME IS "TICKING"

J. Gilson, M. Krishnamurthy, F. Elmi

Easton Hospital, Academic affiliate to Drexel University, Easton, PA, USA

IS TAKOTSUBO CARDIOMYOPATHY A POTENTIAL SIDE EFFECT OF ANTIDEPRESSANT?

J. Kim, I.C. An, G.S. Abela, H.S. Laird-Fick

Michigan State University, East Lansing, MI, USA and Sparrow Health System, Lansing, MI,
USA

TELMISARTAN DELAYED INACTIVATION OF CARDIAC NAV1.5 RESULTING CARDIAC
DYSFUNCTION

H.K. Kim, S.R. Lee, I-S. Song, S.H. Jeong, D.Y. Seo, N. Kim, **J. Han**

Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea

SUNDAY, JULY 28, 2013

11:15 – 12:30

Hall D

S29 **Session**
VASCULAR BIOLOGY, BASIC RESEARCH

CDK5-MEDIATED HYPERPHOSPHORYLATION CONTRIBUTES TO THE LOSS-OF-SIRT1
FUNCTION DURING THE DEVELOPMENT OF ENDOTHELIAL SENESENCE

B. Bai, Y. Liang, C. Xu, M.Y.K. Lee, A.M. Xu, D.H. Wu, P.M. Vanhoutte, Y. Wang
Li Ka Shing Faculty of Medicine, the University of Hong Kong, Hong Kong

MOLECULAR MECHANISMS UNDERLYING THE PRO-ATHEROGENIC ACTIONS OF
INTERFERON-GAMMA

N. Li, J.E. McLaren, D.R. Michael, T.R. Hughes, **D.P. Ramji**
School of Biosciences, Cardiff University, Museum Avenue, Cardiff, UK.

TMEM16A CALCIUM ACTIVATED CHLORIDE CHANNEL IS INVOLVED IN
CEREBROVASCULAR REMODELING

Y.Y. Guan, M. Wang, Z. Zhang, Y.B. Tang, J.G. Zhou
Zhongshan School of Medicine, Sun Yet-Sen University, Guangzhou, China

EFFECTS OF SODIUM BICARBONATE ON HEMODYNAMIC RECOVERY IN HYPOXIC
NEWBORN PIGLETS RESUSCITATED WITH ROOM AIR

J-Q Liu, T-F Lee, D.L. Bigam, **P-Y Cheung**
University of Alberta, Edmonton, AB, Canada

THE EPA:DHA 6:1-INDUCED ACTIVATION OF ENOS IN THE CORONARY ARTERY
INVOLVES A COPPER-DEPENDENT PRO-OXIDANT EVENT

F. Zgheer, M. Alhosin, S. Rashid, C. Auger, **V.B. Schini-Kerth**
Strasbourg University, Illkirch, France

CAVEOLIN-1/ABC-A1 COMPLEX-MEDIATED CHOLESTEROL EFFLUX OF LIPID-LADEN
CELLS AND DRUG DEVELOPMENT FROM CHINESE HERBAL MEDICINE

D.F. Liao, S.W. Sun
Hunan University of Chinese Medicine, Changsha, Hunan, China

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P301 **Poster Session**
MOLECULAR AND CELLULAR CARDIOLOGY, BASIC AND TRANSLATIONAL RESEARCH

CO-PURIFICATION OF ARRESTIN LIKE PROTEINS WITH ALPHA- ENOLASE IN BOVINE MYOCARDIAL TISSUES, THEIR IMPLICATION IN CLINICAL HEART DISEASES

M. Mirshahi, S. Le Marchand

INSERM, UMRS 872, CRC, University of Pierre and Marie Curie, and University of Paris Descartes, Paris, France

DILATED CARDIOMYOPATHY AND MITOCHONDRIAL DYSFUNCTION IN GAB1-DEFICIENT MICE: A ROLE FOR GAB1 IN ADULT HEART

Z. Jin, J. Zhao, F.Q. Jin, C. Wong, M.A. Mastrangelo, Y. Lu, D.M. Mickelsen, Y. Yang, M. Yin
University of Rochester, New York, NY, USA

THE MOLECULAR MECHANISM OF THE ANTI-OXIDATIVE EFFECTS OF CATECHIN ON PALMITIC ACID-INDUCED CYTOTOXICITY IN ASTROCYTES

K.L. Wong, C.W. Cheung, K.S. Cheng, E.C. So, C.C Chao, Y.M. Leung*

China Medical University & Hospital, Taichung, Taiwan

REMOTE CARDIAC INJURY MEDIATED BY NEUROGENIC PATHWAY: A CARDIAC DELETERIOUS EFFECT AND PREVENTS STRATEGY

X. Ren, The Second Affiliated Hospital of Harbin Medical University, China

TISSUE PERFUSION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION: THE ROLE OF FIBRINOGEN LEVEL IN CORONARY ARTERY REVASULARIZATION AFTER THROMBOLYTIC THERAPY AND RESCUE PERCUTANEOUS CORONARY INTERVENTION

K. Bin Thani, **E. Murad**, A. Al-Moosa, M.E. Alalawi, F Al-Moosa, H Al-Sindi, E. Mahmud
Salmaniya Medical Complex, Manama, Bahrain

PATHOLOGICAL EFFECT OF ENDOTHELIAL-TO-MESENCHYMAL TRANSITION ON THE CYSTIC KIDNEY

B.H. Kim, M.Y. Park, **J.H. Park**, Sookmyung Women's University, Yongsan-gu, Seoul, Korea

CTRP IS ASSOCIATED WITH CARDIAC MUSCLE DEVELOPMENT

S. Han, Y. Yang, Sookmyung Women's University, Seoul, Korea

INTERFERENCE OF DOXORUBICIN WITH CARDIAC AMPK SIGNALING – A CULPRIT FOR DOXORUBICIN CARDIOTOXICITY?

M. Tokarska-Schlattner, S. Gratia, L. Kay, V. Novel-Chate, L. Potenza, P. Sestili,
U. Schlattner

University Joseph Fourier, Laboratory of Fundamental and Applied Bioenergetics, Grenoble, France

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P302 ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI

RANDOMIZED PROSPECTIVE IMPACT OF CILOSTAZOL ASSOCIATED WITH
ARRHYTHMIA AFTER PERCUTANEOUS CORONARY INTERVENTION

B.J. Kwon, D.B. Kim, S.H. Ihm, **H.Y. Kim**, H.J. Youn, H.B. Seung
The Catholic University of Korea, Seoul, Korea

MAJOR BLEEDING IN ACUTE CORONARY SYNDROMES: INCIDENCE, PREDICTORS AND
PROGNOSTIC VALUE

W.A. Ammar, **H.I. Kandil**, O.A. Omar
Cairo University, Cairo, Egypt

CLOPIDOGREL: A CAUSE OF RECURRENT RHEUMATISM

S. Agrawal, S. Khera, J. Garg, N. Agrawal, J. Harburger
Westchester Medical Center at New York Medical College, Valhalla, NY, USA

P303 INTERVENTIONAL CARDIOLOGY I

ULTIMATE SIMPLE STRATEGY FOR BIFURCATION LESION

S. Ichikawa

Funabashi Municipal Medical Center Heart and Vascular Institute, Funabashi, Chiba, Japan

THE ROLE OF PATIENT CHARACTERISTICS IN SELECTIVE DIAGNOSTIC CORONARY
ANGIOGRAPHY BY FEMORAL VERSUS RADIAL ACCESS

M. Bheemarasetti, S. Sudhakar, **W. Khalife**, S. Gilani, A. Aljafareh, S. Priya
University of Texas Medical Branch, Galveston, Texas, USA.

STUDY THE UPPER EXTREMITIES VARIATION AND ITS ROLE IN TRANSRADIAL
ANGIOGRAPHY PROCEDURE

M Nourizadeh, A. Asareh, S. Yazdankhah, M. Easapoor, A. Shamsakhtari
Ganjavian Hospital, Dezful, Iran

AGE-RELATED DEVIATION IN ACTUAL INGUINAL LIGAMENT COURSE (ARC)

G. Rana, R.H. Patel, D. Iyer, I. Sharif, R. Tayal, A. Emporelli, M. Cohen, V. Spektor, N. Wasty
Newark Beth Israel Medical Center, Newark, NJ, USA

UNUSUAL TREATMENT OF POSTOPERATIVE BLEEDING AFTER CARDIAC SURGERY:
RIGHT CORONARY ARTERY STENTING WITH COVERED STENTS

J. Rubio Alvarez, J. Sierra Quiroga, B. Adrio Nazar, L. Reija Lopez, A. Granda Bauza,
J.M. Martinez Cerejijo, C. Rubio Taboada
Universitary Hospital Santiago de Compostela, Spain

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P304 CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT

ARTERIAL WALL THICKENING DURING MENOPAUSE TRANSITION REFLECTS IRON ACCRUAL AND ATHEROSCLEROSIS RISK

J.X. Liu, T Tran, T Sharkey-Toppen, B McCarthy, R Wexler, O.P. Simonetti, F.Z. Stanczyk, R.D. Jackson, S.V. Raman
The Ohio State University, Columbus, OH, USA

CARDIOVASCULAR DISEASE AND SPINAL CORD INJURY: RESULTS FROM A NATIONAL POPULATION HEALTH SURVEY

J.J. Cragg, V.K. Noonan, A. Krassioukov, J. Borisoff
Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada

RELATION OF WAIST CIRCUMFERENCE TO THE PRESENCE AND SEVERITY OF ATHEROSCLEROTIC CORONARY ARTERY DISEASE AMONG AN EGYPTIAN COHORT

O.A. Rifaie, A.A. Aboleila, K.A. Foad
Ain Shams University, Cairo, Egypt

BODY MASS INDEX DOES NOT HAVE CORRELATION WITH THE SEVERITY OF CORONARY ARTERY DISEASE BUT WAIST TO HIP RATIO HAS: PARADOXICAL FINDINGS

A.F. Zand Prasa, S. Jahanshahi, L. Haghighi
Imam Khomeini Hospital Complex, Tehran University of Medical Sciences, Tehran, Iran

MATRIX METALLOPROTEINASE 9 (MMP9), TISSUE INHIBITOR OF MMP (TIMP1) IN SERUM AT PATIENTS WITH SUBCLINICAL ATHEROSCLEROSIS

G.A. Rozikhodjaeva, **Z.A. Usmanova**, K.R. Yokubov
Central Clinical Hospital 1, Institute of Postgraduate Medical, Tashkent, Uzbekistan

DEPRESSION AND RISK OF CARDIOVASCULAR DISEASES AMONG MEN AGED 25-64 YEARS: WHO PROGRAM MONICA –PSYCHOSOCIAL

V.V. Gafarov, E.A. Gromova, A.V. Gafarova, I.V. Gagulin
FSBI Collaborative Laboratory of Cardiovascular Diseases Epidemiology SB RAMS, Novosibirsk, Russia

THE RELATIONSHIP BETWEEN CAROTID INTIMA-MEDIA THICKNESS AND CARDIAC SYNDROME X

H.S. Taha, M.Z. Elramly, L.M. Abudaqa
Faculty of Medicine, Cairo University, Cairo, Egypt

RELATIONSHIP BETWEEN BONE MINERAL DENSITY AND RISK FACTORS OF ATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE IN KOREAN POSTMENOPAUSAL WOMEN

E.H. Kong, H.Y. Park
Kosin University College of Medicine, Busan, South Korea

PRESENCE OF ANOMALOUS CORONARIES DO NOT INCREASE THE RISK FOR ATHEROSCLEROSIS

P. Suryanarayana, S. Kollampare, I. Riaz, J. Lee, M. Hussein, **M.R. Movahed**
University of Arizona College of Medicine, Tucson, AZ, USA

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P305 CARDIAC PACING, DEFIBRILLATION AND RESYNCHRONIZATION THERAPY

DOES BASELINE PR INTERVAL IMPACT OUTCOMES AFTER CARDIAC RESYNCHRONIZATION THERAPY?

P. Simlote, R.R. Shah, B.B. Pavri

Jefferson Medical College, Thomas Jefferson University Hospital, Philadelphia, PA, USA

THE FATE OF INNOCENT BYSTANDER LEADS AFTER LASER LEAD EXTRACTION

T. Tse, S. Parekh, **J.S. Snow**

Winthrop University Hospital, Mineola, NY, USA

PACING IN PATIENTS WITH SINUS NODE DYSFUNCTION: MANAGED VENTRICULAR PACING (MVP) VERSUS DDDR WITH LONG AV DELAY

S. Pumprueg, A. Suwanagool, W. Boonyapisit, C. Sriratanasathavorn

Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand

EMERGENCY DEPARTMENT STAFF KNOWLEDGE OF INDICATIONS FOR PERMANENT PACEMAKER INSERTION

J. Basu

Oxford Heart Centre, John Radcliffe Hospital, Oxford, UK

UNWINDING LIFE IN THE HEART; A CASE OF INTERNAL CARADIOVERTER-DEFIBRILLATOR LEAD MALFUNCTION

S. Kanneganti, **T. Aung**, K. Khalighi

Easton Hospital, Easton, PA, USA

EPICARDIAL RHYTHM DEVICES (ERD), AN ALTERNATIVE FOR HEMODIALYSIS PATIENTS

R. Cohen, **P. Loarte**, I. Dashkova, S-Y. Chou, B. Mirrer

Division of Cardiology – Woodhull Medical Center, Brooklyn, New York. USA

P306 EXERCISE AND THE CARDIOVASCULAR SYSTEM

THE EFFECT OF AEROBIC TRAINING ON ENDOTHELIUM-DEPENDENT VASODILATATION IN CORONARY ARTERY DISEASE PATIENTS AFTER REVASCULARIZATION

F. Ahmadi, B. Hidian, E. Hajizadeh, M. Seidian, M. Adel, **M. Nourizadeh**, F. Daeenejad

Cardiovascular Disease Research, Joundishapoor, Ahvaz, Iran

ANALYSIS OF THE RELATION BETWEEN VO₂MAX. AND LACTATE AFTER PHYSICAL EFFORT TEST IN ELDERLY

S.L Alabarse, A. Silva, D.R. Silva, P.S.B. Silva, J.A.O. Filho, M.T. Mello, V.A. Moises, S. Tufik, T.P. Rodrigues

Federal University of Sao Paulo, Sao Paulo, SP, Brazil

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P307 PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

HEART RATE VARIABILITY AND FINNEGAN'S SCORE: A COMPARATIVE ASSESSMENT OF NEONATAL ABSTINENCE SYNDROME

M. Nagiub, K. Alton, **V. Avula**, D. Macon, K. Hagglund, P. Anne

St. John Providence Children's Hospital, Wayne State University, Detroit, MI, USA

PRENATAL DIAGNOSIS AND OUTCOMES OF FETUSES WITH TRICUSPID ATRESIA SINGLE CENTRE EXPERIENCE

R.A Bejiqi, R.J Retkoceri, N.E Zeka, H.X. Bejiqi, A.R. Retkoceri, S.A Surdulli, N.F. Gashi

UCC of Kosovo, Pediatric Clinic, Prishtina, Kosovo

UNDER ESTIMATION OF ATRIAL SEPTAL DEFECT CLOSURE DEVICE SIZE IN LARGE ATRIAL SEPTAL DEFECTS REQUIRING DEVICES ≥ 27 MM

H.I. Kandil, A. El Sisi, M. Ali, Cairo University, Cairo, Egypt

CHARACTERIZATION AND EVALUATION OF DUCTUS ARTERIOSUS STENTING IN NEONATES AND INFANTS WITH DUCT-DEPENDENT CYANOTIC CONGENITAL HEART DISEASE

J.P. Rojas, E. Vallejo, A. Valencia, Universidad Libre Seccional Cali, Colombia

P308 REMOTE MONITORING IN CARDIOLOGY

USING THE IPHONE AS A HEART RHYTHM MONITOR. CAN I SEE P WAVES IN MY PHONE?

J.E. Banchs, M Sendra Ferrer, G.A. Baquero, S. Lentz, D.L. Wolbrette, G.V. Naccarelli, M.D. Gonzalez, Penn State Hershey Heart & Vascular Institute, Hershey, PA, USA

SUNDAY, JULY 28, 2013

14:00 – 16:00

Hall A

PL11 Plenary Session
STABLE ISCHEMIC HEART DISEASE – THERAPEUTIC OPTIONS

IMPACT OF LIFE STYLE MODIFICATIONS, ANTIANGINALS, ANTIPLATELETS AND LIPID MODIFYING DRUGS AND OF CORONARY ARTERY REVASCULARIZATION ON MORTALITY AND MORBIDITY IN PATIENTS WITH ISCHEMIC HEART DISEASE: TRUTH AND FALSE NOTIONS (Invited Lecture)

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

INTEGRATIVE THERAPY IN CARDIOVASCULAR DISEASE: SAVIOR OR SHAM?
(Invited Lecture)

S. Schaefer, University of California, Davis, CA, USA

MEDICAL RISK FACTOR CONTROL IN LARGE TRIALS OF DIABETIC PATIENTS UNDERGOING CORONARY REVASCULARIZATION

M.E. Farkouh, University of Toronto, Toronto, Ontario, Canada

PTEN AND STATINS INDUCED NEW ONSET DIABETES (Invited Lecture)

Y. Ye, S. Ling, M. Bajaj, **Y. Birnbaum**

Baylor College of Medicine, Houston, TX, USA

ADVANCES IN THE TREATMENT OF CORONARY ARTERY DISEASE IN THE ELDERLY
(Invited Lecture)

I. Mikati, Northwestern Memorial Hospital, Chicago, IL, USA

IS THERE A ROLE FOR CORONARY ARTERY CALCIUM (CAC) TESTING IN SYMPTOMATIC PATIENTS IN THE ERA OF CORONARY CT ANGIOGRAPHY?
(Invited Lecture)

K. Nasir, Baptist Health South Florida, Johns Hopkins Ciccarone Center for Preventive Cardiology, Miami, FL, USA

CENTRALIZED, STEPPED, PATIENT PREFERENCE–BASED TREATMENT FOR PATIENTS WITH POST–ACUTE CORONARY SYNDROME DEPRESSION: CODIACS VANGUARD RANDOMIZED CONTROLLED TRIAL

K.W. Davidson

Columbia University Medical Center, New York, NY, USA

SUNDAY, JULY 28, 2013

14:00 – 16:15

Hall B

PL12 Plenary Session
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

ENHANCING STEM CELL ENGRAFTMENT IN THE HEART USING SINGLE CELL
MICROENCAPSULATION (Invited Lecture)

D.L. Kraitchman, Johns Hopkins University, Baltimore, MD, USA

CARDIOPROTECTION BY AUTOPHAGY MEDIATED VIA ENDOPLASMIC RETICULUM
STRESS (Invited Lecture)

S. Das, I. Lekli, **D.K Das**, University of Connecticut School of Medicine, Farmington, CT, USA

CARDIAC TISSUE HYPOTHYROIDISM- A MAJOR PLAYER IN DIABETIC
CARDIOMYOPATHY (Invited Lecture)

A. Martin Gerdes, N.Y. Weltman, New York Institute of Technology, Old Westbury, NY, USA

DNA TOPOISOMERASE II INHIBITORS INDUCE MACROPHAGE ABCA1 EXPRESSION AND
CHOLESTEROL EFFLUX---AN LXR-DEPENDENT MECHANISM (Invited Lecture)

L. Zhang, M. Jiang, Y. Shui, Y. Chen, Q. Wang, X. Ma, X. Li, M. Liu, Y. Duan, **J. Han**
Nankai University, Tianjin, China

FAILURE TO OVEREXPRESS UROCORTIN FOLLOWING CARDIOPLEGIC ARREST MAKES
THE HEART OF DIABETIC PATIENTS UNDERGOING ON-PUMP CORONARY ARTERY
BYPASS GRAFTING MORE SUSCEPTIBLE TO APOPTOSIS AND CARDIAC DYSFUNCTION
(Invited Lecture)

T.M. Scarabelli, St John Hospital & Medical Center/Wayne State University SOM, Detroit,
MI, USA

PI3K INHIBITORS AS NOVEL CANCER THERAPIES: IMPLICATIONS FOR
CARDIOVASCULAR MEDICINE (Invited Lecture)

B. McLean, P. Zhabyeyev, E. Pituskin, I. Paterson, M.J. Haykowsky, **G.Y. Oudit**
University of Alberta, Edmonton, AB, Canada

PROTEIN TRANSDUCTION DOMAINS; TARGETED VS. NON-TARGETED TISSUE
DELIVERY (Invited Lecture)

M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA

STEM CELLS INDUCED CARDIAC REGENERATION IN DOXORUBICIN INDUCED
CARDIOMYOPATHY

D. Singla

College of Medicine, University of Central Florida, Orlando, FL, USA

MIR-24 UP-REGULATION UNDERLIES EXCITATION-CONTRACTION UNCOUPLING IN
HEART FAILURE

M. Xu, R.C. Li, H.D. Wu, M. Wang, J. Tao, Y.B. Guo, X.J. Wang, **S.Q. Wang**
Peking University, Beijing, China

SUNDAY, JULY 28, 2013

14:00 – 17:15

Hall C

S30 Session

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

EFFECTS OF RESUSCITATION TIME ON OUTCOMES IN CARDIAC ARREST PATIENTS UNDERGOING THERAPEUTIC HYPOTHERMIA

R.M. Van Hoff, A.M. Robert, J.R. Brown, S.H. Conley, A.T. Kono
Dartmouth Hitchcock Medical Center, NH, USA

HIGHLY LETHAL NKX2.5 MUTATION

J.L. Perera, N.M. Johnson, D.P. Judge, J.E. Crosson
Johns Hopkins University, Baltimore, MD, USA

DOES AZITHROMYCIN INCREASE THE RISK OF CARDIOVASCULAR DEATH? A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

R.F. Njoh, B. Njei, R. Vidhun
St. Mary's Hospital, Waterbury, CT, USA

CLINICAL PROFILE, MANAGEMENT AND OUTCOME OF PATIENTS WITH OUT-OF-HOSPITAL CARDIAC ARREST (OHCA): INSIGHT FROM A 20-YEAR REGISTRY IN THE STATE OF QATAR

A.A. Patel, **A.M. Arabi**, H.A. Alzaeem, J.M. Alsuwaidi, H.H. Albinali, R.S. Singh
Hamad Medical Corporation, Doha, Qatar

META-ANALYSIS TO DETERMINE CRITICAL TASER BARB DISTANCE FOR MYOCARDIAL CAPTURE

T.A. Dewland, **B.T. Young**, P.N. Azadani, G.M. Marcus, A. Si, A. Soleimanirahbar, B.K. Lee
University of California San Francisco, San Francisco, CA, USA

LEFT VENTRICULAR PACING SHOULD BE AN OPTION IN PATIENTS UNDERGOING CARDIAC RESYNCHRONIZATION THERAPY

A. Singh, F. Cutcher, A. Tran, E. Bass
Phoenix Heart, Glendale, AZ, USA

TOPICAL ANTIBIOTIC AND SKIN ANTISEPTIC PROPHYLAXIS AFTER PLACEMENT OF CARDIAC ELECTRONIC IMPLANTABLE DEVICE (CEID): A PROSPECTIVE RANDOMIZED TRIAL

K. Khalighi, **T.T. Aung**, S. Thapamagar, S.R. Walker
Easton Hospital, Department of Medicine, Drexel University College of Medicine, Easton, PA, USA

IMAGING THE PM/AICD PATIENT; AN MRI NEURO-CARDIAC EFFICACY STUDY

R.W. Biederman, J.A. Yamrozik, G. Rayarao, D. Thompson, R.B. Williams, M. Sha, M. Doyle
Allegheny General Hospital, The Gerald McGinnis Cardiovascular Institute, Pittsburgh, PA, USA

S30

Session

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

ROLE OF IMPLANTABLE LOOP RECORDER IN THE MANAGEMENT OF ATRIAL FIBRILLATION

S.B. Thapamagar, E. Rakhshan, S. Sooklal, **D.A. Mascarenhas**

Easton Hospital, Easton, PA, and Drexel University, Philadelphia, PA, USA

STRATEGY OF CARDIOVERSION AND ANTI-ARRHYTHMIC DRUG THERAPY FOR ATRIAL FLUTTER/FIBRILLATION INDUCED TACHYCARDIA MEDIATED CARDIOMYOPATHY – A SINGLE CENTER EXPERIENCE

S. Vallurupalli, F. Shailesh, S. Kasula, S. Pant, M. Abed, H. Paydak

University of Arkansas for Medical Sciences, Little Rock, Arkansas

MICROBIOLOGICAL DIFFERENCES OF POCKET VS. NON-POCKET CARDIOVASCULAR IMPLANTABLE ELECTRONIC DEVICE INFECTIONS

A. Kaji, D.H. Lee, A. Kohut, S. Kutalek

Drexel University College of Medicine, Philadelphia, PA, USA

SUNDAY, JULY 28, 2013

16:45 – 19:00

Hall A

PL13 Plenary Session
CAN WE BUILD A BETTER MODEL: CVD RISK PREDICTION

CORONARY ARTERY CALCIUM DENSITY AND CARDIOVASCULAR DISEASE EVENTS
(Invited Lecture)

M.H. Criqui, J.O. Denenberg, J.H. Ix, R.L. McClelland, C.L. Wassel, D.E. Rifkin,
J.J. Carr, M.J. Budoff, M.A. Allison
University of California, San Diego, La Jolla, CA, USA

CAROTID ULTRASOUND EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN 2013:
PROGRESS AND PITFALLS (Invited Lecture)

J.M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA

IS DIABETES REALLY A CORONARY HEART DISEASE RISK EQUIVALENT?
(Invited Lecture)

N.D. Wong, University of California, Irvine, CA, USA

RISK FACTORS FOR CARDIOVASCULAR DISEASE IN PATIENTS WITH CHRONIC KIDNEY
DISEASE (Invited Lecture)

M.A. Alpert, University of Missouri-Columbia, Columbia, MO, USA

THE HIGH CORONARY DISEASE RISK OF SOUTH ASIAN AMERICANS (Invited Lecture)

A.L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA

MENTAL STRESS INDUCED MYOCARDIAL ISCHEMIA AND ITS TREATMENT
(Invited Lecture)

W. Jiang, Duke University Medical Center, Durham, NC, USA

BIDIRECTIONAL RISKS OF CARDIOVASCULAR DISEASE AND COGNITIVE IMPAIRMENT
(Invited Lecture)

K. Alagiakrishnan, University of Alberta, Edmonton, Alberta, Canada

ARE GENDER DIFFERENCES IN HEART DISEASE MORE SIGNIFICANT THAN THE
SIMILARITIES? (Invited Lecture)

S. Malik, University of California, Irvine, CA, USA

BODY MASS INDEX AS PREDICTOR OF TOTAL AND CARDIAC MORTALITY IN PATIENTS
WITH CARDIOVASCULAR DISEASE: A META ANALYSIS OF 49 STUDIES

A. Sharma, E Lichstein, S Chatterjee
Maimonides Medical Center, Brooklyn, NY, USA

S31 Session

THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

DIFFERENCES IN PLATELET microRNA PROFILES AFTER ASPIRIN USE ARE ASSOCIATED WITH DIFFERENCES IN WHOLE BLOOD AGGREGATION AND MIGHT IDENTIFY ASPIRIN RESISTANCE

M.G. Kok, C. Mandolini, R. Nieuwland, E.E. Creemers, J.C. Meijers, **S.J. Pinto-Sietsma**
University of Amsterdam, Academic Medical Centre, Amsterdam, The Netherlands

ASSOCIATION STUDY OF 10 SELECTED GENE VARIANTS WITH ANGIOGRAPHIC SEVERITY OF CORONARY ARTERY DISEASE

M. Javorsky, V. Vitanov, L. Klimcakova, J. Zidzik, V. Habalova, E. Babjakova, R. Tkacova, J. Salagovic, B. Stancak, **I. Tkac**
Safarik University, Department of Medicine, Kosice, Slovakia

GENETIC VARIANTS IN FBN-1 AND RISK FOR THORACIC AORTIC DISSECTION AND NON-DISSECTING ANEURYSM: THE YALE STUDY

O. Iakoubova, C. Tong, C. Rowland, M. Luke, V. Garcia, J. Catanese, J. Catanese, R. Moomiaie, D. Nikas, **J. Eleftheriades**
Celera Incorporated, Alameda, CA, USA

MACROPHAGES TRANSMIT POTENT PROANGIOGENIC EFFECTS OF oxLDL IN VITRO AND IN VIVO INVOLVING HIF-1 α ACTIVATION: A NOVEL ASPECT OF ANGIOGENESIS IN ATHEROSCLEROSIS

R. Hutter, W.S. Speidl, C. Valdiviezo, B. Sauter, R. Corti, V. Fuster, J.J. Badimon
The Cardiovascular Institute, Mount Sinai School of Medicine, New York, NY, USA

A GENETIC RISK SCORE FOR ATRIAL FIBRILLATION IS ASSOCIATED WITH CARDIOEMBOLIC STROKE

M.M. Luke, C.H. Tong, J.J. Devlin, C.R. Rowland, C. Mannhalter
Celera, a division of Quest Diagnostics, Alameda, CA, USA

THE ASSOCIATION OF A GENETIC RISK SCORE WITH ATRIAL FIBRILLATION IN TWO HYPOTHETICAL POPULATIONS

M.M. Luke, C.H. Tong, J.J. Devlin, C.R. Rowland
Celera, a division of Quest Diagnostics, Alameda, CA, USA

A NOVEL LAMIN A/C MUTATION IN A DUTCH FAMILY WITH PREMATURE ATHEROSCLEROSIS

A.A. Weterings, I.A. Van Rijsingen, A.S. Plomp, A.H. Zwinderman, R.H. Lekanne Deprez, M.M. Mannens, M.A. Van Den Bergh Weerman, A.C. Van Der Wal, **S.J. Pinto-Sietsma**
Academic Medical Center, Amsterdam, Netherlands

MIR-301A OVER-EXPRESSION IN BONE-MARROW DERIVED MESENCHYMAL STEM CELLS: DIFFERENTIATION VERSUS PROLIFERATION

A.L. Müller, J. Klassen, S. Neumann, M. Guirgis, M. Ngo, Y. Li, D.H. Freed
St. Boniface Research Centre; University of Manitoba, Winnipeg, Canada

S32 Session
ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

THE EFFECTS OF GENDER, CALCIUM CHANNEL BLOCKERS AND DIGOXIN ON DOFETILIDE THERAPEUTIC EFFICACY AND OUTCOMES: AN ACAP-TIKOSYN REGISTRY ANALYSIS

M. Pierce, C.K. Pamidimukala, J.H. Bastawrose, B.M. Azari, R. Usmani, A.M. Benjo, J. Aziz, W. Pierce, E. Herzog, E.F. Aziz

St. Luke's and Roosevelt Hospitals, University Hospitals of Columbia University, College of Physicians and Surgeons, Columbia University College of Physicians and Surgeons, New York, USA

INTEGRATED CHRONIC CARE MANAGEMENT IN PATIENTS WITH ATRIAL FIBRILLATION: AN EFFECTIVE TREATMENT STRATEGY

J.M.L. Hendriks, R. de Wit, H.J.G.M. Crijns, H.J.M. Vrijhoef, M.H. Prins, R. Pisters, L.A.F.G. Pison, Y. Blaauw, R.G. Tieleman

Maastricht University Medical Centre, Maastricht, The Netherlands

INITIAL EXPERIENCE WITH THREE-DIMENSIONAL ANATOMICAL MAPPING DURING CARDIAC PACING LEAD EXTRACTION

B.L. Nguyen, A. Persi, S. Poggi, G. Riitano, A. Piro, C. Gaudio, G. Giunta, A. Ciccaglioni, R.J. Siegel, **E.S. Gang**, Cardiology Dept, Sapienza University of Rome, Italy

AF SURVEILLANCE POST AF ABLATION USING IMPLANTABLE CARDIAC MONITOR

J. Ip, Y. Xie, D. Grimes, K. Jager, J. Boak, D. Gandhi
Sparrow Clinical Research Institute, Lansing, MI, USA

FREQUENCY OF ATRI-VENTRICULAR BLOCK COMPLICATING ST ELEVATION MYOCARDIAL INFARCTION

J. Nealis, A. Mironov, C. Mitre, A. Budzikowski, J. Kassotis
SUNY Downstate Medical Center, Brooklyn, N.Y. USA

ENHANCED ABLATION IN PULMONARY VEIN ANTRUM GUIDED BY MAGNETIC NAVIGATION IMPROVES LONG-TERM OUTCOME OF PAROXYSMAL ATRIAL FIBRILLATION

C.Y. Lu, Y.X. Zhang, R. Zhang, Y Huang, Q .Xu, W.Y, R. Chen, M.H. Liu, S.J. Liu
Institute of Geriatric Cardiology, PLA General Hospital, Beijing, China

RADIOFREQUENCY CATHETER ABLATION VERSUS CRYOABLATION THERAPY FOR TREATMENT OF ATRIAL FLUTTER

S. Aggarwal, R.S. Loomba, T.K. Shah, S. Khosla, **R.R. Arora**
Chicago Medical School, North Chicago, IL, USA

PHARMACOLOGICAL CONVERSION OF RECENT ONSET ATRIAL FIBRILLATION: A RANDOMIZED STUDY OF PROPAFENONE AND AMIODARONE

H.S. Taha, M.S. Mashaal, R.M. Omar
Faculty of Medicine, Cairo University, Cairo, Egypt

S32

Session

ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION (continued)

SAFETY AND FEASIBILITY OF ADENOSINE ADMINISTRATION DURING HYBRID ATRIAL FIBRILLATION ABLATION TO TEST DORMANT PULMONARY VEIN CONDUCTION

L.A.F.G. Pison, N. Kumar, Y. Blaauw, K. Vernooy, J. Maassen, H.J. Crijns, M. La Meir
Maastricht University Medical Centre, Maastricht, Netherlands

THROMBOLYSIS OF LEFT ATRIAL APPENDAGE THROMBUS PRIOR TO CARADIOVERSION OR LEFT ATRIAL CIRCUMFERENTIAL ABLATION: A SAFE ALTERNATIVE TO PROLONGED ANTICOAGULATION IN AN URGENT SETTING?

J. Basu, J. Martin, A. Malhotra, K. Rajappan, Y. Bashir
Oxford Heart Centre, John Radcliffe Hospital, Oxford, UK

COMPLICATIONS OF TRANSSEPTAL ACCESS IN PEDIATRIC AND CONGENITAL ELECTROPHYSIOLOGY PROCEDURES

J.C. von Alvensleben, M.D. Dick II, D.J. Bradley, O.H. Alam, M.J. LaPage
University of Michigan, Ann Arbor, MI, USA

RP INTERVAL DURATION IN SURFACE EKG DURING TYPICAL AVNRT IN ELDERLY PATIENTS

J. Misiri, C.B. Kauffman, F. Kusumoto
Mayo Clinic, Rochester, MN, USA

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P401 NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

STENT STRUT COVERAGE ON FOLLOW-UP OPTICAL COHERENCE TOMOGRAPHY ACCORDING TO THE TYPES OF STATINS OR LOW DENSITY LIPOPROTEIN CHOLESTEROL LEVEL AFTER DRUG-ELUTING STENT IMPLANTATION

B.K. Kim, Y. Suh, J.S. Kim, D.H. Shin, Y.G. Ko, D. Choi, J. Jang, M.K. Hong
Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Korea

THE ANATOMICAL SIGNIFICANCE OF EARLY NORMALIZATION OF THE ST DEPRESSION IN THE RECOVERY PERIOD

R. Chow, S. Chan, K. Gin, M. Gao, M. Bennett
University of British Columbia, Vancouver, BC, Canada

EXAMINATION OF CAVI MEASUREMENT IN PATIENTS UNDERGOING INITIAL CORONARY ANGIOGRAPHY

J. Ando, M. Myojyo, T. Tanaka, A. Kiyosue, Y. Higashikuni, M. Takahashi, H. Fujita, H. Yamashita, I. Komuro
The University Tokyo Hospital, Tokyo, Japan

IS D DIMER TEST RELIABLE FOR DIAGNOSIS OF DEEP VEIN THROMBOSIS?

T. Kon, T. Kurosu, Y. Sugiyama, J. Suzuki, E. Matsubara, T. Matsubara, **T. Tomaru**
Toho University Medical Center Sakura Hospital, Japan

GLOBAL LONGITUDINAL STRAIN SPECKLE TRACKING IN CONSIDERING ADVERSE CARDIOVASCULAR EVENTS DURING FOLLOW UP SHORT TERM IN PATIENTS WITH ACUTE CORONARY SYNDROME.

E. Ruiz, I. Marquez, W. Guanipa.
"Dr. Domingo Luciani" Hospital, IVSS. Caracas, Venezuela

USEFULNESS AND LIMITATION OF ANKLE-BRACHIAL INDEX FOR DIAGNOSIS OF PERIPHERAL ARTERY DISEASE

M. Yamada, J. Suzuki, Y. Sugiyama, T. Matsubara, T. Kon, T. Kurosu, **T. Tomaru**
Toho University Medical Center Sakura Hospital, Sakura, Japan

P402 INTERVENTIONAL CARDIOLOGY II

THE EFFECT OF THE LUNAR CYCLE ON ADMISSIONS FOR ACUTE CORONARY SYNDROMES TO A TERTIARY HEART HOSPITAL

J.M. Katz, S. Pollack, **A.S. Katz**

St. Francis Hospital-The Heart Center, Roslyn, NY, USA

EFFECTS OF RADIAL ARTERY ANATOMICAL VARIATIONS ON TRANSRADIAL CARDIAC CATHETERIZATION

W.I. Khalife, S. Gilani, A. Charif, M. Bheemarasetti, A. Al Emam, A. Kumar, S. Sudhakar

University of Texas Medical Branch, Galveston, TX, USA

RECANALIZATION OF CHRONIC TOTAL OCCLUSIONS BY A SYSTEM OF HIGH-FREQUENCY VIBRATION

L.A. Inigo Garcia, L. Fernandez-Lopez, T. Gil-Jimenez, M. Pombo-Jimenez,

M.A. Martinez-Rey, J.F. Munoz-Bellido, O. Sanz-Vazquez, J.R. Siles-Rubio,

A. Ramirez-Moreno, F. Ruiz-Mateas, Hospital Costa del Sol, Marbella, MA, Spain

ENDOVASCULAR STENT MANAGEMENT OF ATHEROSCLEROTIC CAROTID ARTERY ANEURYSMAL DISEASE

G.A. Delgado, A.G. Truesdell, S.S. Madiraju, P.A. Soukas

Brown University, Providence, Rhode Island, USA

PSEUDOANEURYSM OF THE ASCENDING AORTA FOLLOWING RIGHT CORONARY STENTING

J. Rubio Alvarez, J. Sierra Quiroga, B. Adrio Nazar, L. Reija Lopez, A. Granda Bauza,

J.M. Martinez Cereijo, C. Rubio Taboada

University Hospital Santiago de Compostela, Spain Compostela, Spain

THE POSITIVE INFLUENCE OF EARLY TRAINING IN THE COMFORT LEVEL OF DOING DIAGNOSTIC ANGIOGRAPHY BY RADIAL ACCESS IN COMPARISON TO FEMORAL ACCESS

S. Gilani, M. Bheemarasetti, S. Selvin, A. Kumar, A.A. Al Emam, S. Onguti,

S. Cherry, A. Charif, W.I. Khalife, University of Texas Medical Branch, Galveston, TX, USA

P403 LIPIDS, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA

EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME

S.H. Kim, H.L. Lee, G.J. Ahn, H.L. Kim, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim

Seoul Boramae Medical Center, Seoul National University College of Medicine, Seoul, Korea

THE EVALUATION OF THE USE OF A LIPID TRACKING MATRIX TO IMPROVE PROVIDER ADHERENCE TO LIPID GUIDELINES

D. Ladd, S. McCrone, L. Hardman, Respiratory Motion Inc., USA

LIPOPROTEIN FRACTIONS AND SUBFRACTIONS AND PROTEASES IN POLOXAMER 407-INDUCED ACUTE LIPEMIA AND ATHEROSCLEROSIS

V.M. Loginova, **T.A. Korolenko**, T.P. Johnston, F.V. Tuzikov, S.Y. Zhanaeva, N.V. Goncharova

Institute of Physiology SB RAMS, Novosibirsk, Russia

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P404 HYPERTENSION, BASIC, CLINICAL AND EPIDEMIOLOGICAL

BLOOD PRESSURE (BP) RESPONSE TO EXERCISE IN PATIENTS WITH END STAGE RENAL FAILURE: IMPACT OF AUTONOMIC NEURAL CONTROL MECHANISMS

N Arat, E Ermib, S Kahraman, B Kurt, S Apaydin, C Ciftci
Istanbul Bilim University, Department of Cardiology, Istanbul, Turkey

UNVEILING THE MYTH OF THE J-SHAPED RELATIONSHIP BETWEEN BLOOD PRESSURE AND CARDIOVASCULAR RISK

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

PARTICIPATION OF SENSORY NERVES IN DIFFERENT MODELS OF FRUCTOSE-INDUCED AND NO-DEFICIENT HYPERTENSION

V.K. Spiridonov, Z.S. Tolochko, **T.A. Korolenko**
Institute of Physiology, SB RAMS, Novosibirsk, Russia

SOME ISSUES ON ARTERIAL HYPERTENSION HEALTH CARE SERVICE IN MONGOLIA

B. Badrakh, O. Radnaa, C. Ochir, B. Vanchin
Health Sciences University of Mongolia, School of Medicine, Mongolia

SYNERGIC EFFECTS OF LEVAMLODIPINE AND BISOPROLOL ON BLOOD PRESSURE REDUCTION, ORGAN PROTECTION AND STROKE PROTECTION IN RATS

G.Z Huang, Shanghai Sixth People's Hospital, Shanghai, China

MALIGNANT HYPERTENSION WITH THROMBOTIC MICROANGIOPATHY

R. Sekar, Khoo Teck Puat Hospital, Singapore

IMPACT OF HYPERTENSION ON CARDIAC FUNCTION AND EXERCISE CAPACITY IN WOMEN

M.S. Shin, B.R. Kim, J.G. Seo, J.G. Moon, W.J. Chung, T.H. Ahn
Gachon University Gil Hospital, Incheon, Korea

HYPERTENSIVE EMERGENCIES IN WINTERS

M.A. Zulqarnain, A. Ahmed, U. Exechukwu, D. Beard
Canton Medical Education Foundation, Canton, OH, USA

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P405 PULMONARY CIRCULATION ASPECTS, PULMONARY HYPERTENSION

BODY MASS INDEX AND ALL-CAUSE MORTALITY IN PATIENTS DIAGNOSED WITH PULMONARY EMBOLISM

P. Charoenpong, P. Nambiar, A. Hussaini, C. Clarke
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

IMPACT OF CPAP TREATMENT ON EKG FINDINGS IN PATIENTS WITH SIGNIFICANT OBSTRUCTIVE SLEEP APNEA

A.A. Almomani, W.I. Khalifeh, A. Aljaafareh, A. Charif, S. Onguti, M. Alghrouz, S. Jokhio, A. Kumar
University of Texas Medical Branch, Galveston, TX, USA

QRS COMPLEX MORPHOLOGY IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA

V. Christos, L. Bacharova, R. Tisko, **R. Tkacova**
International Laser Center, Bratislava, Slovakia

USE OF A RESPIRATORY VOLUME MONITOR TO ASSESS RESPIRATORY COMPETENCE IN CARDIAC SURGERY PATIENTS AFTER EXTUBATION

S. Ianchulev, **D. Ladd**, C.M. MacNabb, N. Marengi, E. Cho, J. Freeman
West Virginia University, Morgantown, WV, USA

STATINS THERAPY AND THE SEVERITY OF PULMONARY EMBOLISM

P. Charoenpong, K. Shahwan, N. Poowanawittayakom, C. Clarke
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

IMPACT OF OBSTRUCTIVE SLEEP APNEA ON THE HEART STRUCTURE BY ECHOCARDIOGRAPHY FINDINGS

A.A. Almomani, W.I. Khalifeh, A. Aljaafareh, A. Charif, S. Onguti, M. Alghrouz, S. Jokhio,
University of Texas Medical Branch, Galveston, TX, USA

SILDENAFIL DECREASES PULMONARY HYPERTENSION AFTER ACUTE PULMONARY EMBOLISM IN CHRONIC HYPOXIA

R. Mizera, D. Hodyc, J. Herget
2nd Medical School, Charles University, Prague, Czech Republic

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P406 CARDIOMYOPATHIES: PATHOGENESIS AND TREATMENT

CLINICAL CHARACTERIZATION OF PHARMACOLOGICALLY INDUCED TAKOTSUBO SYNDROME: IMPLICATIONS FOR TREATMENT AND MECHANISMS

R.W. Murdock, K. Olson, A. Drewry, E. Nichols, J. Kaliebe, D.K. Murdock
Des Moines University, Des Moines, IA, USA

IGNORE A TICK BITE AT YOUR HEART'S PERIL

J.B. Khanagavi, W.S. Aronow, J. Harburger, S. Sule
New York Medical College, Valhalla, NY, USA

DIFFERENTIATING ISCHAEMIC FROM IDIOPATHIC DILATED CARDIOMYOPATHY USING DIFFERENT ULTRASONIC MODALITIES

H.S. Taha, H.I. Kandil, H.H. Rizk, M.S. Elguindy
Faculty of Medicine, Cairo University, Cairo, Egypt

AN ASSOCIATION OF TAKOTSUBO CARDIOMYOPATHY AND USE OF ANTIDEPRESSANTS

J. Kim, A. Alsherdini, J.S. Chang, G.S. Abela
Michigan State University, East Lansing, MI, USA

PALPITATIONS AS AN UNUSUAL MANIFESTATION OF A MULTYSYSTEMIC DISEASE

J. Gilson, M. Krishnamurthy, K. Khalighi
Easton Hospital, Academic Affiliated Drexel University, Easton, PA, USA

DILATED CARDIOMYOPATHY IN BECKER MUSCULAR DYSTROPHY (CASE REPORT)

P.C. Ines, J.D.A. Magno, R.C. Manuel, A.V. Aquino
Adult Cardiology, Philippine Heart Center, Philippine Heart Center, Quezon City, Philippines

CLINICAL PROFILE, MANAGEMENT, AND OUTCOMES OF PATIENTS WITH CHRONIC HEART FAILURE REFERRED TO A TERTIARY CARE HEART FAILURE CLINIC IN SAUDI ARABIA: SUBSTUDY OF THE HEARTS REGISTRY

W.M. Al-Shaqha, A.A. Elafar, K.F. AlHabib
Al Imam Muhammad Ibn Saud Islamic University, Riyadh, Saudi Arabia

TAKOTSUBO SYNDROME (OR APICAL BALLOONING SYNDROME) SECONDARY TO ZOLMITRIPTAN

J. Garg, S. Devabhaktuni, H. Ahmad
Westchester Medical Center, New York Medical College, Valhalla, NY, USA

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P407 ADVANCES IN CARDIAC SURGERY / REVASCULARIZATION

EFFECTS OF IF CURRENT BLOCKER IVABRADINE IN HIGH AND INTERMEDIATE RISK PATIENTS UNDERGOING VASCULAR SURGERY

S.A Hussien, H.I. Kandil, K.S. Mustafa, E. Baligh, H. Khairy
Cairo University, Cairo, Egypt

CLINICAL OUTCOMES AND IMPACT ON LEFT VENTRICULAR FUNCTION, IN PATIENTS WITH MULTI-VESSEL DISEASE AND SEVERE LV DYSFUNCTION; A COMPARATIVE STUDY OF PERCUTANEOUS CORONARY INTERVENTION VERSUS CORONARY-ARTERY BYPASS GRAFTING: A SINGLE CENTER EXPERIENCE FROM SAUDI ARABIA

N. Ejaz Khawaja, M. Ibrahim, M.R. Khalid, A.A. Alassal, S. Alsomali, Z. AlHarfi, M.A. Youssef, S.R. Lawand
Prince Salman Heart Centre at King Fahad Medical City . Riyadh, Kingdom of Saudi Arabia

PERICARDIAL SYNOVIAL SARCOMA: CHALLENGES IN DIAGNOSIS AND MANAGEMENT

J.B. Khanagavi, W.S. Aronow, C.A. Puccio, D. Liu, S. Sule
New York Medical College, Valhalla, NY, USA

SUCCESSFUL ASPIRATION AND RHEOLYTIC THROMBECTOMY OF RENAL ARTERY INFARCTS

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

MONDAY, JULY 29, 2013

08:30 – 11:00

Hall A

PL14 Plenary Session
THE KIDNEY, BLOOD PRESSURE AND HYPERTENSION MANAGEMENT

DUAL RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITION: TOO MUCH OF A GOOD THING? (Invited Lecture)

A.H. Danser, Erasmus Medical Center, Rotterdam, The Netherlands

OPTIMAL BLOOD PRESSURE GOALS IN PATIENTS AT HIGH RISK FOR CARDIOVASCULAR EVENTS (Invited Lecture)

W.S. Aronow, New York Medical College, Valhalla, NY, USA

NOVEL TECHNOLOGIES TO MANAGE BLOOD PRESSURE IN PATIENTS WITH AUTONOMIC DYSFUNCTION (Invited Lecture)

A. Diedrich, F. Baudenbacher, J. Jordan, J. Tank, K. Heusser, S. Raj, D. Robertson, I. Biaggioni, Vanderbilt University School of Medicine, Nashville, TN, USA

ROLE OF INGESTION-TIME OF RENIN-ANGIOTENSIN BLOCKADE FOR REDUCING BLOOD PRESSURE AND CARDIOVASCULAR RISK (Invited Lecture)

R.C. Hermida, D.E. Ayala, University of Vigo, Vigo, Spain

RENAL DENERVATION IN HYPERTENSION AND MORE? (Invited Lecture)

F. Mahfoud, Universitätsklinikum des Saarlandes, Homburg/Saar, Germany

USE OF AMBULATORY BLOOD PRESSURE MONITOR (ABPM) FOR GUIDING CARDIAC PATIENTS MANAGEMENT (Invited Lecture)

Y. Charuzi, R. Gao, J. Mirocha, UCLA School of Medicine, CA, USA

CHRONOTHERAPY WITH LOW-DOSE ASPIRIN FOR PREVENTION OF COMPLICATIONS IN PREGNANCY (Invited Lecture)

D.E. Ayala, R.C. Hermida, Campus Universitario, Vigo, Spain

HYPONATREMIA IN PATIENTS WITH ACUTE DECOMPENSATED HEART FAILURE TREATED WITH ULTRAFILTRATION

J.A. Caballero, I. Dumitru, J.M. Mack, J.R. Windle, B.D. Lowes, E. Rome, E. Raichlin
University of Nebraska Medical Center, Omaha, Nebraska, USA

PROCEDURAL PARAMETERS DURING RENAL DENERVATION AND CHANGE OF BLOOD PRESSURE IN PATIENTS WITH RESISTANT HYPERTENSION

C. Ukena, F. Mahfoud, O. Adam, M. Dalinghoff, B. Cremers, M. Boehm
Universitaetsklinikum des Saarlandes, Homburg/Saar, Germany

MONDAY, JULY 29, 2013

08:30 – 11:15

Hall B

PL15 Plenary Session

ADVANCES IN THE TREATMENT AND MANAGEMENT OF HEART FAILURE

SIMULTANEOUS MEASUREMENT OF MULTIPLE CIRCULATING microRNAs IMPROVES PROGNOSTICATION IN SUBJECTS WITH HEART FAILURE (Invited Lecture)

A. Bayes-Genis, J. Lupon, J.J. Leenders, S.J. Pinto-Sietsma, **Y.M. Pinto**
Heart Centre at the University of Amsterdam, Amsterdam, The Netherlands

A NEW THERAPY FOR DIASTOLIC HEART FAILURE (Invited Lecture)

E.M. Jeong, M.M. Monasky, L. Gu, D.M. Taglieri, B.G. Patel, H. Liu, Q. Wang, I. Greener, R.J. Solaro, **S.C. Dudley**, University of Illinois at Chicago, Chicago, IL, USA

PARTIAL ADENOSINE A1-RECEPTOR AGONISTS FOR THE TREATMENT OF HEART FAILURE (Invited Lecture)

H.N. Sabbah, Henry Ford Heart & Vascular Institute, Detroit, MI, USA

ENHANCING GLUCOSE OXIDATION AS AN APPROACH TO TREAT HEART FAILURE (Invited Lecture)

G. Lopaschuk, University of Alberta, Edmonton, AB, Canada

THE MANAGEMENT OF PATIENTS WITH ADVANCED HEART FAILURE (Invited Lecture)

M.V.H. Pitzalis Zupler, East Carolina University, Greenville, NC, USA

ULTRAFILTRATION IN THE TREATMENT OF VOLUME OVERLOAD DUE TO HEART FAILURE (Invited Lecture)

U. Elkayam, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA

ROLE OF PERITONEAL DIALYSIS IN MANAGEMENT OF HEART FAILURE: AN UPDATE FOR 2013 (Invited Lecture)

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

BIOMARKER SOLUTIONS FOR HEART FAILURE AND COPD MANAGEMENT (Invited Lecture)

K. Lam, B.M. McManus, PROOF Center of Excellence, Vancouver, BC, Canada

PREDOMINANT DIFFERENTIAL CAUSE OF DYSPNEA IN ATRIAL FIBRILLATION AND COINCIDENT COPD. INFLAMMATION, LATENT ISCHEMIA AND MYOCARDIAL DYSFUNCTION, THROMBOGENESIS, APOPTOSIS AND CARDIOVASCULAR REMODELING OR RESPIRATORY IMPAIRMENT? (Invited Lecture)

I. Angomachalelis, G. Kyriazis, **N.J. Angomachalelis**, Aristotle University, School of Medicine, Thessaloniki, Macedonia, Greece

EFFICACY AND SAFETY OF IVABRADIN IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY (Invited Lecture)

S. Chumburidze, Scientific Research Clinic of Therapy, Tbilisi, Rep. of Georgia

MONDAY, JULY 29, 2013

08:30 – 11:15

Hall C

S33 **Session**
INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI

BENEFITS AND RISKS OF LONG-TERM DURATION OF DUAL ANTIPLATELET THERAPY AFTER DRUG-ELUTING STENTING: A META-ANALYSIS OF RANDOMIZED TRIALS

G. Ferrante, S.J. Park, H.S. Kim, K.W. Park, D.W. Park, M. Valgimigli
Department of Interventional Cardiology, Istituto Clinico Humanitas, Rozzano, Italy

CHARACTERISTICS OF PATIENTS WITH POST PCI HYPER-RESPONSIVENESS TO CLOPIDOGREL

E. Asher, **P. Anarado**, R. Brauch, A. Ka Chun Chan, M. Mayuga, M. Bradley, D.I. Simon, T. Lassar
Case Medical Center, University Hospitals, Cleveland Ohio, USA

CO-EXISTENCE OF HYPO-RESPONSIVENESS TO ASPIRIN AND CLOPIDOGREL IN EMERGENCY ROOM IN PATIENTS WITH CORONARY ARTERY STENTING

R.K. Sharma, S.W. Erickson, R. Sharma, H.K. Reddy, D.J. Voelker, H. Dod, V.N. Singh, E.I. Murgasen, J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

ANTIPLATELET DRUG RESISTENCE IN ASIAN POPULATION

G. Vijayaraghavan, **P. Sadath**
Kerala Institute of Medical Sciences, Trivandrum, Kerala, India

BLEEDING COMPLICATIONS WITH PERCUTANEOUS CORONARY INTERVENTION: A COMPARISON OF BIVALIRUDIN AND EPTIFIBATIDE

S. Kohli, R.J. Campbell, M.A. Kjelsberg, A.K. Saal
Henry Ford Hospital, Detroit, MI, USA

BLEEDING WITH CONCURRENT USE OF ANTICOAGULANTS IN TRANSRADIAL PERCUTANEOUS CORONARY INTERVENTION - THE BART ANALYSIS

S. Adusumalli, A.K. Chagarlamudi, M. Patwardhan, G.S. Harris, R. Daggubati
East Carolina Heart Institute, Greenville, NC, USA

MRI AND ELECTROCARDIOGRAM IN EVALUATION OF HOMOGENEOUS INFARCT, PATCHY MICROINFARCT AND THE COMBINATION

L. Do, M.W. Wilson, J. Murayama, C. Stillson, S.W. Hetts, M. Saeed
University of California San Francisco, San Francisco, CA, USA

S33

Session

**INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY
FOR PCI (continued)**

IMPACT OF RENAL INSUFFICIENCY ON 30-DAY OUTCOMES IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION TREATED WITH PRIMARY PERCUTANEOUS CORONARY INTERVENTION

K. Sakai, Y. Soga, M. Hyodo, T. Arita, S. Shirai, K. Ando, K. Kondo, H. Yokoi, M. Iwabuchi, M. Nobuyoshi
Kokura Memorial Hospital, Kitakyushu, Japan

INDICATIONS AND SURVIVAL OF 90 YEAR OLDS UNDERGOING CORONARY ANGIOGRAPHY

S.A. Agha, **M.S Sidhu**, J. Rollor, J. Brown, S. Conley, N. Niles, D. Malenka, J. Robb
Dartmouth Hitchcock Medical Center, Geisel School of Medicine, Lebanon NH, USA

EARLY STRINGENT GLYCEMIC CONTROL IMPROVES REPERFUSION IN PATIENTS WITH ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

Y.Y. Abdelmonem, Y. Sharaf, H. Kandil, S. El Tobgi
Kasr Alaini Medical School, Cairo, Egypt

COMPARING OUTCOMES IN MYOCARDIAL INFARCTION (NSTEMI) EARLY VERSUS DELAYED LEFT HEART CATHETERIZATION (COMED TRIAL)

M.A. Farooqui, S. Adusumalli, G. Harris, R. Daggubati
East Carolina University, Greenville, NC, USA

MONDAY, JULY 29, 2013

11:15 – 13:15

Hall A

PL16 Plenary Session
CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROMES

THE COMPLICATED STEMI: WHAT TO DO WITH MULTIVESSEL DISEASE
(Invited Lecture)

G.W. Barsness, Mayo Clinic, Rochester, MN, USA

FFR AT 2013: AN UPDATE (Invited Lecture)

E. Kaluski, Guthrie Health Services & NJ Medical School, Sayre, PA, USA

HIGH SENSITIVITY TROPONINS: A STEP FORWARD OR AN UNREQUESTED COMPLICATION? (Invited Lecture)

L. M. Biasucci, Policlinico A. Gemelli, Catholic University of the Sacred Heart Largo, Rome, Italy

WHY ACS OCCURS AND HOW WE CAN PREVENT IT (Invited Lecture)

Y. Ueda, Osaka Police Hospital, Tennoj-ku, Osaka, Japan

TRENDS IN MANAGEMENT AND OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROMES IN THE LAST DECADE: THE ACS ISRAELI SURVEY (ACSIS) EXPERIENCE
(Invited Lecture)

S. Gottlieb, Jerusalem, Israel

PREVENTION OF REPERFUSION INJURY IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION: THE CGMP PATHWAY (Invited Lecture)

D. Garcia-Dorado, Vall d'Hebron University Hospital and Research Institute Universitat Autònoma de Barcelona, Barcelona, Spain

FEMORAL OR RADIAL ACCESS FOR PRIMARY PCI: A DILEMMA OF CHOICE
(Invited Lecture)

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

PROTECTIVE EFFECT OF TELMISARTAN AGAINST ENDOTHELIAL DYSFUNCTION AFTER CORONARY DRUG-ELUTING STENT IMPLANTATION IN HYPERTENSIVE PATIENTS
(Invited Lecture)

M. Terashima, K. Nasu, H. Kaneda, M. Habara, H. Matsuo, T. Ito, Y. Kinoshita, M. Kimura, T. Suzuki, Toyohashi Heart Center, Toyohashi, Japan

S34 Session

HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS

INCIDENT HEART FAILURE MORTALITY ACCORDING TO RACE AND SEX AMONG OLDER ADULTS FROM THE CARDIOVASCULAR HEALTH STUDY

S. Parashar, R. Katz, N.L. Smith, A.A. Arnold, V. Vaccarino, N. Wenger, J.S. Gottdiener
Emory University, Atlanta, Georgia, USA

FACTORS AFFECTING MINNESOTA LIVING WITH HEART FAILURE SCORE

V. Mundra, A. Trombley, R. Kacere, St John Medical Center, Tulsa, OK, USA

MARKED ELEVATION OF B-TYPE NATRIURETIC PEPTIDE IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION

S. Tate, A. Griem, C. Watt, **S. Schaefer**, University of California, Davis USA

RISK FACTORS FOR 30-DAY READMISSION FOR ACUTE DECOMPENSATED HEART FAILURE: A HOSPITAL BASED STUDY

R.F. Njoh, B. Njei, C. Moskowitz, A. Dutta, R. Vidhun, T. Genese
St. Mary's Hospital, Waterbury, CT, USA

A META-ANALYSIS ON THE EFFECTS OF TOLVAPTAN IN PATIENTS WITH CHRONIC HEART FAILURE

P.C. Ines, F.L. Fernandez, F.L. Catalan, I.L. Celedonio, F.A. Atibagos
Adult Cardiology, Philippine Heart Center

PROTEINURIA AND RENAL DYSFUNCTION AS PREDICTORS OF DIASTOLIC DYSFUNCTION

P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan
UTMB, Galveston, TX, USA

DIAGNOSTIC VALUE OF N -TERMINAL PROBNP BIOMARKER IN EVALUATION OF CONGESTIVE HEART FAILURE

R.K. Sharma, A. Aggarwal, S.W. Erickson, R. Sharma, D.J. Voelker, H. Dod, H.K.Reddy
University of Arkansas for Medical Science, Little Rock Arkansas, USA

HYPERKALEMIA AMONG HOSPITALIZED PATIENTS WITH ACE INHIBITORS AND ANGIOTENSIN - II RECEPTOR BLOCKER THERAPY

J.B. Khanagavi, T. Gupta, J. Garg, T. Shah, W.S. Aronow
New York Medical College, Valhalla, NY, USA

VALUE OF STATINS IN CONGESTIVE HEART FAILURE PATIENTS WITH ELEVATED HIGH SENSITIVITY C-REACTIVE PROTEIN

H.S. Taha, H.G. Elhossary, A.A. Heiba
Faculty of Medicine, Cairo University, Cairo, Egypt

S34

Session

HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS (continued)

FACTORS PREDICTING 6 MINUTE WALK TEST IN PATIENTS WITH STABLE HEART FAILURE

V. Mundra, A. Trombley, R. Kacere, St. John Medical Center, Tulsa, OK, USA

EPICARDIAL ADIPOSE TISSUE THICKNESS AS ASSESSED BY ECHOCARDIOGRAPHY & DIASTOLIC LEFT VENTRICULAR FUNCTION

M. Kaushik, V.M. Alla, A. Saurav, A. Smer, R. Madan, S. Khan, C. Hunter, M. Holmberg, S.M. Mohiuddin
Creighton University School of Medicine, Omaha NE, USA

MONDAY, JULY 29, 2013

11:15 – 14:00

Hall C

S35 Session
OBESITY, METABOLIC SYNDROME AND DIABETES, BASIC AND CLINICAL

SCREENING FOR ASYMPTOMATIC CORONARY ARTERY DISEASE: SEEKING VALUE IN A MULTI-MODALITY WORLD (Invited Lecture)

J.J. Mahmarian, Methodist DeBakey Heart & Vascular Center, The Methodist Hospital, Houston, TX, USA

SILENCING CLC-3 PREVENTS APOPTOSIS INDUCED BY PALMITATE IN PREADIPOCYTES THROUGH THE ER STRESS PATHWAY, A POTENTIAL LINK BETWEEN OBESITY AND INSULIN RESISTANCE

Y.Y. Huang, J.Y. Du, H.S. Sun, Y.Y. Guan, **G.L. Wang**
Sun Yat-sen University, Guangzhou, Guangdong, People's Republic of China

GLUCOSE-INSULIN-POTASSIUM IMPROVES CARDIAC PERFORMANCE VIA INHIBITING HEXOSAMINE BIOSYNTHESIS IN PATIENTS UNDERGOING CARDIOPULMONARY BYPASS

K. Zhao, F. Fu, Y. Zhang, S.Q. Yu, Z.X. Jin, W.S. Chen, J.C. Liu, Q. Cui, F. Gao, D.H. Yi
Xijing Hospital, Fourth Military Medical University, Xi'an, Shanxi, China

DOES DIABETES CAUSE ATRIAL FIBRILLATION?

M.M Ansari, S. Baghi, **W. Park**, S. Shah, S. Garyali, C. Nedelcu, K. Ong
NYP/BHC- Weill Cornell, USA

EPICARDIAL ADIPOSE TISSUE: PREDICTOR OF METABOLIC SYNDROME IN THE ELDERLY

M. Wu, Y. Yu, S. Sookhu, J.N. Makaryus, F. Bajwa, A. Supariwala, F.A. Chaudhry, A.N. Makaryus, V. Suma
Hofstra North Shore LIJ School of Medicine, Manhasset, NY, USA

SYNERGISTIC RELATIONSHIP WITH THE RISK OF CARDIOVASCULAR EVENTS BETWEEN DIABETES AND AMBULATORY BLOOD PRESSURE

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

GLOBAL LONGITUDINAL STRAIN IS ALTERED IN DIABETES MELLITUS PATIENTS WITH NORMAL EJECTION FRACTION, STRATIFIED BY BMI: A SPECKLE TRACKING ECHOCARDIOGRAPHY STUDY

V. Di Bello, L. Conte, I. Fabiani, C. Cucco, R. Liga, V. Barletta, C. Bianchi, R. Miccoli, M.G. Delle Donne, M. Mariani
University of Pisa, Pisa, PI, Italy

BARIATRIC SURGERY VERSUS NON-SURGICAL TREATMENT FOR OBESITY: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

V.L. Gloy, M. Briel, D. Bhatt, S. Kashyap, P. Schauer, G. Mingrone, H.C. Bucher, A.J. Nordmann
Basel Institute for Clinical Epidemiology and Biostatistics, University Hospital Basel, Switzerland

LEVELS OF OXIDATIVE STRESS AND ANTI-OXIDANT STATUS IN DIABETES MELLITUS PATIENTS

V.S.N. Janaswamy, J. Maddury, M. Manohar, R. Sahay
Osmania Hospital, Hyderabad, India

INDIVIDUALS WITH CORONARY ARTERY DISEASE AT A YOUNG AGE AND FEATURES OF THE METABOLIC SYNDROME HAVE AN INCREASED PROTHROMBOTIC POTENTIAL

M.G. Kok, J.C. Meijer, **S.J. Pinto-Sietsma**
University of Amsterdam, Academic Medical Centre, Amsterdam, The Netherlands

PREVALENCE OF PERIPHERAL ARTERIAL DISEASE (PAD) BY MEANS OF ABI IN ASYMPTOMATIC TYPE II NORTH INDIAN DIABETICS AND ITS CORRELATION WITH CARDIOVASCULAR RISK MARKERS

R. Kapoor, R. Duggal, S. Kapoor, R. Kapoor
Carewell Heart & Superspeciality Hospital, Amritsar, Punjab, India

EFFECT OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 ANTAGONISM ON ADIPOSITY IN OBESE MICE

H.R. Lijnen, I. Scroyen
Center for Molecular and Vascular Biology, KULeuven, Leuven, Belgium

P501 VASCULAR BIOLOGY, BASIC RESEARCH

CURCUMIN TRINICOTINATE REGULATE THE PROLIFERATION OF VSMCS VIA CAVEOLIN-1/ERK1/2 SIGNALING PATHWAY

W. Yang, T.P. Li, **Q.H. Tuo**, X. Zheng, Z.F. Guo, D.F. Liao
Hunan University of Chinese Medicine, Changsha, Hunan, China

ASSOCIATION BETWEEN CHRONIC PERIODONTITIS AND CORONARY ARTERY DISEASE

J.N. Barbisan, S.M. Zanella, E. Saba-Schujfi, L.S. Vieira, P.S. Sant'Anna, B.H. Suzigan, **I.A. Dossin**, V.B. Pedrozo
University Foundation of Cardiology, Porto Alegre, RS, Brazil

P502 CARDIOVASCULAR IMAGING: NUCLEAR CARDIOLOGY, CARDIAC CT AND MRI

ATRIAL FIBRILLATION AND LA-SIZE ARE INDEPENDENTLY CORRELATED WITH THE AMOUNT OF PERICARDIAL ADIPOSE TISSUE

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DOES THE EXTENT OF CALCIFIED PLAQUE AFFECT THE PERFORMANCE OF COMPUTED TOMOGRAPHIC CORONARY ANGIOGRAPHY?

M. Gupta, B. Jug, J. Papazian, Y. Hacioglu, D. Li, H. Bhatia, R. Karlsberg, M. Budoff
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RISK STRATIFICATION WITH CALCIUM SCORING IN PATIENTS WITH SEVERE CHRONIC KIDNEY DISEASE

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THE ASSOCIATION BETWEEN LEFT VENTRICULAR THROMBUS AND APICAL MYOCARDIAL SCAR IN PATIENTS WITH CARDIOMYOPATHY

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COMPARISON OF DIAGNOSTIC ACCURACY OF MULTISLICE CT ANGIOGRAPHY WITH CONVENTIONAL CORONARY ANGIOGRAPHY IN BYPASS GRAFT STENOSIS AFTER CORONARY ARTERY BYPASS GRAFT SURGERY

S.M.H Adel, M. Noorzadeh, S.H. Majidi, F. Ahmadi, M. Davoodi, M. Esapour Moghadam, S.F.A Tahmasebi, H. Hybar
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SINGLE SITE MAXIMUM CORONARY STENOSIS ON CT ANGIOGRAPHY PREDICTS TOTAL CORONARY PLAQUE BURDEN

N. Gottam, S. Chakilam, R. Aboufakher, J. Frank, R. Bess, N. Mesiha, H. Rosman, S. Szpunar, G. Cohen, St. John Hospital & Medical Center, Detroit, MI, USA

THE INCREMENTAL PROGNOSTIC VALUE OF A NEGATIVE CARDIAC CT SCAN ON MAJOR ADVERSE CARDIAC OUTCOMES: A SAUDI EXPERIENCE

M.M. AlQaseer, T. Chachar, A.K. AlQarni, A.D. Jelani, B.I. Jugdutt
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P502 CARDIOVASCULAR IMAGING: NUCLEAR CARDIOLOGY, CARDIAC CT AND MRI (cont.)

OPTIMIZATION OF LIVER IRON LOAD ASSESSMENT BY PIXEL-BASED T2* MRI IN THALASSEMIC PATIENTS

A. Shamsakhtari , N Gholizadeh, S Akhlaghpour, H Soltanianzadeh, MR Fatemizadeh, E Ainaghizadeh, **M Nourizadeh**, F Daeenejad
Science and Research Branch of Azad University, Tehran, Iran

IMPROVING THE COST EFFECTIVENESS OF CHEST PAIN CENTERS

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UPMC/St. Margaret, Pittsburgh, PA, USA

TO EVALUATE WHETHER A MILD, ISOLATED INFERIOR WALL DEFECT ON MYOCARDIAL PERFUSION IMAGING WITH OTHERWISE NORMAL CORONARIES ON A LEFT HEART CATHETERIZATION IS ASSOCIATED WITH A NON-DOMINANT RIGHT CORONARY ARTERY

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P503 PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

SEDENTARISM AS A STRESS GENERATOR IN A YOUNG POPULATION OF CAMPINAS, SP -BRAZIL

D.J.B Saraiva, A. Avezum, A. Timerman, L.A.M. Cesar, J.H.Z. Mendes, C.C. Magalhaes, J.F.K. Saraiva
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ANTIDEPRESSANT USE AND RISK OF CORONARY HEART DISEASE: A META-ANALYSIS

J. Kim, S.W. Oh, S.K. Myung, J.Y. Park, D.H. Yoon
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DEPRESSION AND 16 YEARS RISK OF MYOCARDIAL INFARCTION AND ARTERIAL HYPERTENSION IN FEMALE POPULATION IN RUSSIA

V.V. Gafarov, D.O. Panov, E.A. Gromova, I.V. Gagulin, A.V. Gafarova
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SCREENING RATES OF HYPERLIPIDEMIA IN AT-RISK URBAN PEDIATRIC POPULATIONS

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HDLC LEVELS AND RELATION TO FISH CONSUMTION IN A YOUNG POPULATION OF CAMPINAS, SP -BRAZIL

J.F.K. Saraiva, L.A.M. Cesar, A. Timerman, J.R.Z. Menes, C.C. Magalhaes, A. Avezum, D.J.B. Saraiva
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P503 PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE (cont.)

OUTCOMES OF CARDIAC REHABILITATION IN OBESE PATIENTS

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COMPARISON OF VO₂MAX., ENERGY BALANCE AND ANTHROPOMETRY IN PATIENTS OF A CHECK-UP PROGRAM

S.L. Alabarse, A. Silva, D.R. Silva, P.S.B. Silva, R.M. Ciconelli, T.P. Rodrigues
Federal University of Sao Paulo, Sao Paulo, SP, Brazil

P504 SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT

ABNORMAL INTRACELLULAR CA²⁺ HOMEOSTASIS, CONDUCTION ABNORMALITIES AND ARRHYTHMIA IN RYR-P2328S ATRIA

J.H. King, C. Wickramarachchi, K. Kua, Y. Du, K. Jeevaratnam, H.R. Matthews, A.A. Grace, C.L.H. Huang, J.A. Fraser
University of Cambridge, Cambridge, Cambridgeshire, UK

INCIDENCE OF ATRIAL TACHYARRHYTHMIAS IN PATIENTS WITH EARLY REPOLARIZATION SYNDROME AND BRUGADA SYNDROME: ANALYSIS OF PATIENTS WITH IMPLANTABLE CARDIOVERTER DEFIBRILLATORS

K.J. Choi, K.W. Hwang, G.B. Nam, Y.H. Kim, J.H. Zo
Asan Medical Center, Seoul, South Korea

INCIDENCE, CLINICAL PRESENTATION AND OUTCOME IN TAIWANESE PATIENTS WITH LONG ASYSTOLE INDUCED BY HEAD-UP TILT TEST

M.T. Chou, C.C. Cheng, W.S. Wu, T.Y. Huang
Chi-Mei Medical Center, Tainan, Taiwan

EFFECT OF DIFFERENT REGIMENS OF DIALYSATE POTASSIUM CONCENTRATION ON CARDIAC ARRHYTHMIA

M. Nourizadeh, **F. Daeinejad**, A. ShamsAkhtari, S. Beladi, M. Shakeri, M. Alasti
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P505 BIOMARKERS IN HEART FAILURE

USING NATRIURETIC PEPTIDE ASSAY TO GUIDE HEART FAILURE MANAGEMENT

T. Kern, **I. Kedan**, A. Kimchi

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

DIAGNOSTIC VALUES OF URINE AND PLASMA NT-proBNP IN HEART FAILURE PATIENTS

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ULTRAFILTRATION DOES NOT IMPROVE NEUROHORMONAL ACTIVATION IN ACUTE DECOMPENSATED HEART FAILURE

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P506 VALVULAR HEART DISEASE / AORTIC DISEASE / SURGICAL AND TRANSCATHETER INTERVENTIONS

AN INFLUENCE OF PREOPERATIVE LEFT VENTRICULAR FUNCTION ON MITRAL VALVE REPAIR FOR ISOLATED MITRAL REGURGITATION

D.H. Lee, T.E. Jung, J.T. Kwon

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PREVALENCE AND HEMODYNAMIC SIGNIFICANCE OF MITRAL ANNULAR CALCIFICATION IN ELDERLY PATIENTS

K.E. Williams, H.P. Chaliki, Mayo Clinic, Scottsdale, Arizona, USA

CLINICAL OUTCOMES OF MEDICALLY TREATED ACUTE AORTIC INTRAMURAL HEMATOMA

J.S. Park, S.H. Lee, U. Kim, D.G. Shin, Y.J. Kim, Y.K. Cho, C.W. Nam, S.H. Hur, B.R. Lee, B. C. Jeong, J. B. Lee, J. K. Reu, J. Y. Choi, Yeungnam University Hospital, Daegu, Korea

CHRONOBIOLOGICAL PATTERNS OF DIFFERENT TYPES OF ACUTE AORTIC DISSECTION; AN IRANIAN EXPERIENCE

H. Namdar, K. Ghabili, M. Abbasnezhad, M. Mahmoudpour

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DEVICE COMPLICATION AMONG TRANSFEMORAL AND TRANSAPICAL ACCESS FOR TRANSCATHETER AORTIC VALVE REPLACEMENT: A META-ANALYSIS

D. Garcia, A. Benjo, **R. Cardoso**, F.Y. Macedo, E. Aziz, E. Herzog, E. De Marchena

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COMORBIDITIES AMONG TRANSFEMORAL AND TRANSAPICAL ACCESS FOR TRANSCATHETER AORTIC VALVE REPLACEMENT: META-ANALYSIS

D. Garcia, A. Benjo, **R. Cardoso**, F.Y. Macedo, E. Aziz, E. Herzog, E. De Marchena

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RHEUMATIC MITRAL STENOSIS IN A PATIENT WITH LEFT LUNG AGENESIS AND PERCUTANEOUS BALLOON MITRAL VALVOTOMY AS A CHOICE

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Sri Ramachandra University, Chennai, Tamilnadu, India

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

P507 SURGERY FOR LV DYSFUNCTION / CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT

NOREPINEPHRINE VS. DOPAMINE PRETREATMENT OF POTENTIAL HEART DONORS -
IMPACT ON LONG-TERM OUTCOME

F. von Ziegler, S. Helbig, N. Kreissl, B.N. Meiser, A. Becker, I. Kaczmarek
University of Munich, Grosshadern Campus, Munich, Germany

PERIOPERATIVE INTRA-AORTIC BALLOON PUMP AND ASSOCIATION WITH IN-HOSPITAL
30-DAY MORTALITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY

C. Chen-Scarabelli, G. Faggian, G. Petrilli, L. Saravolatz, J. Narula, T.M. Scarabelli
VA Ann Arbor Health Care System, University of Michigan, MI, USA

EXPLORATION OF THE HEART AREAS BY TC-99M MIBI SCINTIGRAPHY AFTER
INTRACORONARY INFUSION OF AUTOLOGOUS CD133+ CELLS IN PATIENTS WITH
MYOCARDIAL INFARCTION

A. Dustov, A. Bratov, M. Kidirov, G. Mirajov, U. Kurbanov, M. Rakhmatov, J. Irgasheva,
T. Gulmuradov, S. Rakhmonov, **M. Mirshahi**
Institute of Gastroenterology, Dushanbe, Tajikistan

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

P508 CARDIOVASCULAR QUALITY IMPROVEMENT AND OUTCOMES

VALUE OF ROUTINE TRANSTHORACIC ECHOCARDIOGRAPHY IN RISK STRATIFICATION OF SYNCOPE

Y.R. Acharya, L.H. Chebrolu, J. Stoltzfus, J. Shirani
St Luke's University Health Network, Bethlehem, PA, USA

THE UTILIZATION OF THE "ROSE RULE" IN IDENTIFYING HIGH RISK SYNCOPE PATIENTS

A.A. Isbitan, Y. Alnagar, H. Habib, V. Debari, F. Shamoon, M. Romero
Seton Hall University, NJ, USA

VALUE OF POINT-OF-CARE ECHOCARDIOGRAPHY USING A POCKET-SIZED DEVICE IN A COMMUNITY CLINIC

L.H. Chebrolu, Y.R. Acharya, J. Shirani
St Luke's University Hospital, Bethlehem, PA, USA

EFFECT OF YOGA ON HEART RATE VARIABILITY- CLINICAL IMPLICATIONS IN CARDIOVASCULAR DISEASES

M. Murugesan
University of Virginia Health System, Charlottesville, Virginia, USA

FEASIBILITY OF INTEGRATING CLINICAL RESEARCH INTO CLINICAL CARE IN THE HEART CENTRE AT ST PAUL'S HOSPITAL

F. Khoshkhou, R.H. Boone, A. Kaan, C. Taylor, J. Grewal, A. Ignaszewski
St Paul's Hospital, University of British Columbia, Vancouver, Canada

APPLICATION OF A SUSTAINABLE PATIENT AND STAFF ENGAGEMENT METHOD IN TRANSLATIONAL RESEARCH

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TO ANTICOAGULATE OR TO NOT ANTICOAGULATE- THAT IS THE QUESTION

E. Leung, K. W. Murdock, R.W. Lustig, H.G. Wilt
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