



INTERNATIONAL ACADEMY OF CARDIOLOGY
18th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2013

VANCOUVER, BC, CANADA, JULY 26 – 29, 2013

**SCIENTIFIC
PROGRAM**
SATURDAY, July 27, 2013

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SATURDAY, JULY 27, 2013

09:00 – 10:15

Hall A

OC: OPENING CEREMONY

Chair: **John A. Eleftheriades**, USA

GREETINGS

Asher Kimchi, USA

Founder and Chairman
International Academy of Cardiology

John A. Eleftheriades, USA

Chairman, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
International Academy of Cardiology

Jeffrey S. Borer, USA

Member, Scientific Executive Committee
Chairman, Section of Valvular Heart Disease
International Academy of Cardiology

Naranjan S. Dhalla, Canada

Member, Scientific Executive Committee
Chairman, Section of Cellular Biology of the Heart
International Academy of Cardiology

William Bommer, USA

Member, Scientific Executive Committee
International Academy of Cardiology

Stephen L. Kopecky, USA

Member, Scientific Executive Committee
International Academy of Cardiology

PRESENTATION OF 2013 AWARDS

John A. Eleftheriades, USA

Jeffrey S. Borer, USA

SATURDAY, JULY 27, 2013

09:40 – 10:15

Hall A

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

Chair: **N.D. Wong**, Irvine, CA, USA

Abstract No.

09:40 INTRODUCTION

N.D. Wong, Irvine, CA, USA

09:45 CVD IN WOMEN: A FRESH PERSPECTIVE (Invited Lecture)
E.A. Amsterdam, University of California, Davis Medical Center,
Sacramento, CA, USA

292

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:30

Hall A

PL01

Plenary Session

DISEASE MECHANISMS LEADING TO CARDIOMYOPATHY AND HEART FAILURE

Chairs: **K. Chatterjee**, Iowa, IA, USA
N.S. Dhalla, Winnipeg, Canada

10:45 ADVANCES IN PATHOPHYSIOLOGY AND MANAGEMENT OF
DIASTOLIC HEART FAILURE (Invited Lecture)
K. Chatterjee, University of Iowa, IA, USA

001

11:00 REVERSAL OF CARDIAC REMODELING IN HEART FAILURE BY-
ADRENOCEPTOR BLOCKADE (Invited Lecture)
N.S. Dhalla, St. Boniface General Hospital Research Centre,
Winnipeg, MN, Canada

002

11:15 AGING AND HEART FAILURE. UPDATE (Invited Lecture)
B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, AB, Canada

003

11:30 MITOCHONDRIAL FISSION AND FUSION IN HEART FAILURE
(Invited Lecture)
A.A. Knowlton, L. Chen, University of California, Davis, CA, USA

004

11:45 PERSONALIZED MEDICINE IN DILATED CARDIOMYOPATHY
(Invited Lecture)
L. Mestroni, University of Colorado Cardiovascular Institute,
Aurora, CO, USA

005

12:00 GENETIC EPIDEMIOLOGY OF LEFT VENTRICULAR HYPERTROPHY
(Invited Lecture)
J.N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

006

12:15 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

007

SATURDAY, JULY 27, 2013

		Abstract No.
PL01	Plenary Session DISEASE MECHANISMS LEADING TO CARDIOMYOPATHY AND HEART FAILURE (continued)	
12:30	TRANSCRIPTIONAL MECHANISMS LEADING TO DILATED CARDIOMYOPATHY IN THE ABSENCE OF HYPERTROPHY B.S. Tuana (Invited Lecture) University of Ottawa Heart Institute, Ottawa, Ontario, Canada.	008
12:45	CPT1b DEFICIENCY IS BAD FOR THE HYPERTROPHIED HEART (Invited Lecture) Q. Yang , University of Alabama at Birmingham, Birmingham, AL, USA	009
13:00	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	010
13:15	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	011
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	



SATURDAY, JULY 27, 2013

10:45 – 13:00

Hall B

PL02	Plenary Session CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION	Abstract No.
	Chairs: D.S. Berman , Los Angeles, CA, USA N.C. Nanda , Birmingham, AL, USA	
10:45	NEWER ASPECTS OF EVALUATING LV FUNCTION BY ECHOCARDIOGRAPHY (Invited Lecture) N.C. Nanda , University of Alabama at Birmingham, AL, USA	012
11:00	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, CA, USA	013
11:15	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	014
11:30	MYOCARDIAL STRAIN FOR THE ASSESSMENT OF LV FUNCTION (Invited Lecture) S.F. Nagueh , Methodist DeBakey Heart and Vascular Center, Houston, TX, USA	015
11:45	MYOCARDIAL VIABILITY AND OUTCOMES IN ISCHEMIC CARDIOMYOPATHY (Invited Lecture) J. Shirani , St. Luke's Hospital and Health Network, Bethlehem, PA, USA	017
12:00	NOVEL USES OF CARDIAC MRI FOR NON-ISCHEMIC HEART DISEASE (Invited Lecture) R.W.W. Biederman , Temple University School of Medicine, Carnegie Mellon University, Pittsburgh, PA, USA	018
12:15	NON-INVASIVE CARDIOVASCULAR IMAGING FOR EVALUATION OF CORONARY ARTERY BYPASS GRAFT DISEASE (Invited Lecture) A. Elhendy , Marshfield Clinic, Marshfield, WI, USA	019
12:30	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	020
12:45	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	021
13:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 27, 2013

10:45 – 13:00

Hall C

S21	Session VALVULAR HEART DISEASE / CONGENITAL HEART DISEASE / PEDIATRIC CARDIOLOGY	Abstract No.
	Chairs: D.H. Heistad , Iowa City, IA, USA J. Ye , Vancouver, BC, Canada	
10:45	VALVE PROSTHESIS-PATIENT MISMATCH (VP-PM): A LONG-TERM PERSPECTIVE S.D. Daneshvar, S.H. Rahimtoola University of Southern California, Los Angeles, CA, USA	022
11:00	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	023
11:15	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	024
11:30	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	025
11:45	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	026
12:00	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	028
12:15	A SILENT PRESENTATION OF A SERIOUS ILLNESS: INFECTIVE ENDOCARDITIS A. Hamadah , S. Sadaranagani, E. Berbari, Mayo Clinic, Rochester, MN, USA	029
12:30	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	030

SATURDAY, JULY 27, 2013

S21	Session VALVULAR HEART DISEASE / CONGENITAL HEART DISEASE / PEDIATRIC CARDIOLOGY (continued)	Abstract No.
12:45	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	031
13:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	
<hr/> 10:45 – 13:45		Hall D
S22	Session ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS	
	Chairs: E.A. Amsterdam , Sacramento, CA, USA V. Regitz-Zagrosek , Berlin, Germany	
10:45	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	033
11:00	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	034
11:15	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	035
11:30	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	036

SATURDAY, JULY 27, 2013

S22	Session	Abstract No.
	ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS (continued)	
11:45	UTILITY OF AMBULATORY BP MONITORING IN A CARDIAC PREVENTION AND REHABILITATION PROGRAMME M. Mahmood , S.B Connolly Bangabandhu Sheikh Mujib Medical University, Bangladesh	037
12:00	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	038
12:15	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	039
12:30	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	040
12:45	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	041
13:00	USING CHADS2 SCORE TO IDENTIFY ELDERLY PATIENTS WITH ATRIAL FIBRILLATION M.H. Kwok , S. Punekar University of Manchester, Manchester, UK	042
13:15	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	043
13:30	FENOFIBRATE THERAPY IN PATIENTS WITH HYPERTRIGLYCERIDEMIA HAS SUBSTANTIAL BENEFITS OVER OMEGA-3 FATTY ACIDS K.K. Koh Gachon University Gil Medical Center, Incheon, Korea	032
13:45	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

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

Board No.

Abstract No.

1 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 044

P102 BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

2 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 045

3 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 046

4 CORRELATION BETWEEN ADIPONECTIN PLASMA LEVELS AND CORONARY ARTERY DISEASE
A. Xanthopoulos, M. Skoura, T. Kouna, **E. Paraskevopoulou**, P. Paraskevopoulou, S. Patsilinakos
Konstantopouleio General Hospital, N.Ionia, Athens, Greece 047

5 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 048

P103 THE PLAQUE AND ACUTE CORONARY SYNDROMES

6 ANGIOGRAPHIC AND ECHOCARDIOGRAPHIC ASSOCIATIONS IN OLDER ADULTS WITH FRAILITY 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 049

7 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 050

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

P103 THE PLAQUE AND ACUTE CORONARY SYNDROMES (continued)

Board No. Abstract No.

8 TYPES OF MENTAL STRESS IN STRESS INDUCED CARDIOMYOPATHY **051**
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

9 MYOCARDIAL STUNNING IN HEMODIALYSIS PATIENTS: "A SILENT OVERLOOKED INSULT" **052**
P. Loarte, S.Y. Chou, R. Cohen, B. Mirrer
Brookdale University Hospital and Medical Center - Nephrology Division

P104 ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY

10 PATTERN OF ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION IN CHRONIC QAT CHEWERS IN YEMEN **053**
Y.Y. Abdelmonem, N.S. ELdin, A. Abdelwahab, W. Alaroussy
Kasr Alaini Medical School, Cairo, Egypt

11 REVIEW OF TROPONINS ORDERS, EVIDENCE OF TYPE I MYOCARDIAL INFARCTION AND CARDIOLOGY CONSULTS IN A US COMMUNITY HOSPITAL **055**
B.H. Subedi, S. Zakaria, J. Rickard
Greater Baltimore Medical Center, Baltimore, MD, USA

12 DIFFERENT CLINICAL MEANINGS OF PRE AND POST-PROCEDURAL TIMI FLOW IN PATIENTS WITH NON-ST SEGMENT ELEVATION MYOCARDIAL INFARCTION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION **056**
W.Y. Lee, J.Y. Baek
Cheong-Ju Saint Mary's Hospital, Cheong-Ju, South Korea

13 DIAGNOSTIC YIELD OF RIGHT AND POSTERIOR ELECTROCARDIOGRAPHIC LEADS IN EGYPTIANS WITH ACUTE CORONARY SYNDROME **057**
H.S. Taha, A.A. Elfaramawi, A.M. Nasr
Faculty of Medicine, Cairo University, Cairo, Egypt

14 ST ELEVATION IN LEAD AVR AS AN INDICATOR OF EARLY ADVERSE EVENTS IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION **058**
M. Mousavi, S. Kalhor, J. Tahmasbi
Alborz University of Medical Sciences, Karaj, Iran

15 CHARACTERISTICS OF ACUTE MYOCARDIAL INFARCTION WITH MILD CAROTID ARTERIOSCLEROSIS **059**
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

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

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

Board No.		Abstract No.
16	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	060
17	THE EFFECT OF SITAGLIPTIN THERAPY COMPARED WITH PIOGLITAZONE IN HEART FAILURE PATIENTS WITH TYPE 2 DIABETES T. Naka , T Ariei, K Takahashi, M Masutani, T Masuyama, M Ohyanagi Hyogo College of Medicine, Nishinomiya, Japan	061
18	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	062
19	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	063
20	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	064

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

P106 ELECTROPHYSIOLOGY AND ABLATION THERAPY

Board No.		Abstract No.
21	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	065
22	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, Milwaukee, Wisconsin, USA	067
23	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	068
24	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	069
25	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	070
26	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	071

SATURDAY, JULY 27, 2013

08:00 – 13:00

Poster Hall

P107 PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

Board No.		Abstract No.
27	<p>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</p>	072
28	<p>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</p>	074
29	<p>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</p>	075
30	<p>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, Australia</p>	076
31	<p>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</p>	077
32	<p>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</p>	078

SATURDAY, JULY 27, 2013

14:00 – 16:00

Hall A

PL03

Plenary Session

**PREVENTION OF CARDIOVASCULAR DISEASE: ASSESSMENT AND
MANAGEMENT OF CARDIOVASCULAR RISK**

Joint Session with the American Society for Preventive Cardiology

Chairs: **S.L. Kopecky**, Rochester, MN, USA

N.D. Wong, Irvine, CA, USA

Abstract No.

14:00	SEX DIFFERENCES IN CARDIOVASCULAR DISEASE (Invited Lecture) V. Regitz-Zagrosek , Center for Cardiovascular Research (CCR) Coordinator Berlin, German	079
14:15	THE ASSOCIATION BETWEEN DEPRESSION AND DIABETES (Invited Lecture) E. Barrett-Connor , UCSD Dept. of Family and Preventive Medicine, La Jolla, CA, USA	080
14:30	ALDOSTERONE - A BRIDGE BETWEEN CARDIOVASCULAR AND MOOD DISORDERS? (Invited Lecture) D. Jezova , N. Hlavacova, Slovak Academy of Sciences, Bratislava, Slovak Republic	081
14:45	HDL AND THE ATHEROSCLEROSIS - MYTH OR REALITY (Invited Lecture) R.S. Rosenson , Mount Sinai Heart Mount Sinai School of Medicine, New York, NY, USA	082
15:00	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	083
15:15	USE OF NMR LDL LIPOPROTEIN PARTICLE ANALYSIS IN CARDIOVASCULAR DISEASE PREVENTION (Invited Lecture) S.L. Kopecky , Mayo Clinic, Rochester, MN, USA	084
15:30	IMPACT OF RENAL SYMPATHETIC DENERVATION IN PATIENTS WITH DRUG RESISTANT HYPERTENSION (Invited Lecture) K. Seidl , Klinikum Ingolstadt GmbH, Ingolstadt, Germany	085
15:45	BEYOND HDL CHOLESTEROL: WHAT CAN WE LEARN FROM HDL PARTICLE NUMBER AND SIZE? S. Mora , Brigham and Women's Hospital, Boston, MA, USA	087
16:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 27, 2013

14:00 – 16:15

Hall B

PL04

Plenary Session

SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

Chairs: **M.E. Cain**, Buffalo, NY, USA
A.B. Curtis, Buffalo, NY, USA

Abstract No.

- | | | |
|-------|---|-----|
| 14:00 | IMPACT OF DENERVATED MYOCARDIUM ON IMPROVING RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH (Invited Lecture)
M.E. Cain , University at Buffalo, Buffalo, NY, USA | 088 |
| 14:15 | THE ROLE OF ELECTROPHYSIOLOGIC TESTING ON OUTCOME IN PATIENTS WITH ARVC (Invited Lecture)
F. Duru , University Hospital of Zurich, Switzerland | 090 |
| 14:30 | 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 | 091 |
| 14:45 | 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 | 092 |
| 15:00 | 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 | 094 |
| 15:15 | CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA: THE CLINICIAN'S PERSPECTIVE (Invited Lecture)
M.J. LaPage , University of Michigan, Ann Arbor, MI, USA | 095 |
| 15:30 | GENETIC BACKGROUND, CLINICAL CHARACTERISTICS, AND TREATMENT OF EARLY REPOLARIZATION SYNDROME (Invited Lecture)
H. Watanabe , Niigata University Graduate School of Medical & Dental, Asahimachidori, Japan | 096 |
| 15:45 | THE EVOLUTION OF THE PACING SITE: PAST, PRESENT AND FUTURE (Invited Lecture)
Y. Oginosawa , University of Occupational and Environmental Health, Yahatanishi, Kitakyushu, Japan | 097 |
| 16:00 | A BLOOD TEST TO PREDICT ARRHYTHMIC RISK
G. Gao, V. Brahmanandam, M. Raicu, L. Gu, A. Shah, S. Negi, M. Wood, A. Tautoles, A. Schwartz, S.C. Dudley
University of Illinois at Chicago, and the Jesse Brown VAMC, Chicago, Illinois, USA | 098 |
| 16:15 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

SATURDAY, JULY 27, 2013

14:00 – 16:00

Hall C

S23

Session

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

Chair: **M.R. Johnson**, Madison, WI, USA

Abstract No.

- | | | |
|-------|--|-----|
| 14:00 | 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 | 099 |
| 14:15 | MULTIPLE ARTERIAL GRAFTS IMPROVE LATE SURVIVAL OF PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING
C. Leiker 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 | 100 |
| 14:30 | 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 | 101 |
| 14:45 | 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 | 102 |
| 15:00 | 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 | 104 |
| 15:15 | 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 | 105 |
| 15:30 | IMPACT OF POSTTRANSPLANT WEIGHT GAIN ON CARDIAC ALLOGRAFT VASCULOPATHY
G. Hoefle, C.H. Saelly, M. Martinelli, B. Meier, T. Carrel, M. Seitz, P.M. Villiger, P. Mohacsi , Inselspital, Bern, Switzerland | 106 |
| 15:45 | SUCCESSFUL USE OF IMPELLA 2.5 DEVICE IN CARDIAC ARREST DUE TO LEFT MAIN STENOSIS
M.A Zulfarnain , N. Nagajothi, Canton Medical Education Foundation, Canton, OH, USA | 107 |
| 16:00 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

SATURDAY, JULY 27, 2013

14:00 – 16:45

Hall D

S24

Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH

Chair: **J.G. Filep**, Montreal, QC, Canada
K.N. Pandey, New Orleans, LA, US

Abstract No.

- 14:00 THE ROLE OF GALECTIN-3 AND CONNECTIVE TISSUE GROWTH FACTORS IN HYPERTENSIVE PATIENTS WITH DIASTOLIC HEART FAILURE: LINK OF CLINICAL AND BASIC STUDIES **108**
J-J Chen, W-R Hao, C-K Wu, K-C Chang, J-C Liu, C-T Tsai
China Medical University, Taichung, Taiwan
- 14:15 CARDIOMYOCYTE-CARDIAC FIBROBLAST INTERACTION IN THE PATHOGENESIS OF DIABETIC CARDIOMYOPATHY - ROLE OF HMGB1/TLR4/IL-33 AXIS **109**
X.M. Xu, J.C. Zhang, H. Xu, R. Kao, C.M. Martin, **T. Rui**
Lawson Health Research Institute, London, ON, Canada
- 14:30 DOXORUBICIN-INDUCED CARDIOTOXICITY IN MICE IS PREVENTED BY LATE INA INHIBITION WITH RANOLAZINE, WITH IMPROVEMENT IN HEART FUNCTION, FIBROSIS AND APOPTOSIS **110**
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
- 14:45 ATORVASTATIN INDUCES AUTOPHAGY OF MESENCHYMAL STEM CELLS UNDER HYPOXIA AND SERUM DEPRIVATION VIA MEK/ERK PATHWAY **111**
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
- 15:00 EXCITABILITY OF DIRECT REPROGRAMMED MURINE TAIL FIBROBLASTS: BETWEEN WILD-TYPE FIBROBLASTS AND CARDIOMYOCYTES **112**
M. Rav Acha, R.Mills, J.X. Chen, S.M. Wu, D. Milan
Massachusetts General Hospital, Charlestown, MA, USA
- 15:15 IMPORTANCE OF SLMAP IN CARDIOMYOCYTE VIABILITY AND MEMBRANE FUNCTION **113**
A. Mahmood, M. Salih, B.S, Tuana
University of Ottawa, Ottawa, ON, Canada
- 15:30 GLIVEC (IMATINIB MESYLATE) INDUCES AUTOPHAGIC SIGNALLING IN CARDIAC MYOCYTES **114**
L.P. Grazette, R. Kerkela, T. Force, A. Rosenzweig
Keck Medical Center of USC, Los Angeles, CA, USA
- 15:45 CARDIOMYOCYTE-SECRETED ACETYLCHOLINE IS REQUIRED FOR MAINTENANCE OF HOMEOSTASIS IN THE HEART **115**
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

SATURDAY, JULY 27, 2013

S24

Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH (continued)

Abstract No.

- 16:00 UTILITY OF 2D-SPECKLE TRACKING ECHOCARDIOGRAPHY IN DIAGNOSIS OF LEFT VENTRICULAR DYSFUNCTION IN ANTI-ERBB2 THERAPY 116
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
- 16:15 HMG-COA REDUCTASE INHIBITORS IMPAIR SURVIVAL OF HUMAN MESENCHYMAL STEM CELLS VIA NF-B SIGNALING 117
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
- 16:30 TETRAHYDROBIOPTERIN DEFICIENCY INDUCED HEART FAILURE VIA DYSREGULATION OF MITOCHONDRIAL BIOGENESIS, OXIDATIVE PHOSPHORYLATION AND ANTIOXIDANT SYSTEM 118
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 – 19:15

Hall A

PL05	Plenary Session INFLAMMATION / INNATE AND ADOPTIVE IMMUNITY AND CARDIOVASCULAR DISEASES <i>Joint Session with the American College of Cardiology / California Chapter</i>	Abstract No.
16:45	INFLAMMATION - THE NEW TARGET FOR PREVENTION OF CORONARY ARTERY DISEASE (Invited Lecture) R. Roberts , University of Ottawa Heart Institute, Ottawa, ON, Canada	119
17:00	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	120
17:15	NEUTROPHILS IN ACUTE CORONARY ARTERY DISEASE (Invited Lecture) J.G. Filep , Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada	121
17:30	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	122
17:45	MICROBIOTA, SYSTEMIC INFLAMMATION AND CARDIOVASCULAR FUNCTION (Invited Lecture) M. Navab , S. Safar, G. Hough, F. Sedigh, A. Gapeleh, A. Ordoorkhani, Z. Barseghyan, R. Aliali, S. Reddy David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	123
18:00	ROLE OF COPPER TRANSPORTERS IN VASCULAR REMODELING AND INFLAMMATION (Invited Lecture) T. Fukai , University of Illinois at Chicago, Chicago, IL, USA	124
18:15	THE COMPLEX CARDIOVASCULAR EFFECTS OF LEPTIN (Invited Lecture) M.A. Allison , University of California, San Diego, La Jolla, CA, USA	125
18:30	HUMAN ENTEROVIRUS PERSISTENCE: POTENTIAL FOR EXACERBATION OF MYOCARDITIS (Invited Lecture) N.M. Chapman , S. Tracy University of Nebraska Medical Center, Omaha, NE, USA	126
18:45	CYTOKINES AND THE ROLE OF IMMUNOMODULATION IN HEART FAILURE OF DIFFERENT ETIOLOGIES (Invited Lecture) D. Anzulovi-Miroševi, 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	495
19:00	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	127

SATURDAY, JULY 27, 2013

16:45 – 19:15

Hall B

PL06

Plenary Session

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

Chairs: **D.M. Meyer**, Dallas, TX, USA
H. Sievert, Frankfurt, Germany

Abstract No.

- | | | |
|-------|---|-----|
| 16:45 | 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 | 128 |
| 17:00 | 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 | 129 |
| 17:15 | SIMULTANEOUS HEART-KIDNEY TRANSPLANTATION (Invited Lecture)
M.R. Johnson , University of Wisconsin-Madison, Madison, WI, USA | 131 |
| 17:30 | UPDATE ON THE TREATMENT OF LEFT MAIN DISEASE (Invited Lecture)
B.F. Uretsky , University of Arkansas for Medical Sciences, Little Rock, AR, USA | 132 |
| 17:45 | CALIFORNIA REVASCLARIZATION: 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 | 133 |
| 18:00 | 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 | 134 |
| 18:15 | 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 | 135 |
| 18:30 | 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 | 136 |
| 18:45 | MANAGEMENT STRATEGIES OF COMBINED SEVERE SYMPTOMATIC CAROTID AND CORONARY ARTERY DISEASE (Invited Lecture)
M. Abu-Fadel , University of Oklahoma HScC, Oklahoma City, OK, USA | 137 |
| 19:00 | 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 | 138 |

SATURDAY, JULY 27, 2013

16:45 – 18:45

Hall C

S25

Session

SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL

	Chairs:	Y. Charuzi , Los Angeles, CA, USA K. Seidl , Ingolstadt, Germany	Abstract No.
16:45	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		139
17:00	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		140
17:15	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		141
17:30	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		142
17:45	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		143
18:00	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		144
18:15	CORRELATION BETWEEN LVEDP AND PCWP IN PATIENTS WITH PULMONARY HYPERTENSION W.I. Khalife , M. Morsy, T. Abu Sharifeh, UTMB, Galveston, Texas, USA		145
18:30	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		146

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P201 PROGRESS IN ECHOCARDIOGRAPHY

Board No.		Abstract No.
1	ASSESSMENT OF MYOCARDIAL SCAR BY OPTISON ENHANCED ECHOCARDIOGRAPHY M.E. Aldridge , T.Z. Naqvi, A. Bamba Keck Medical Center of USC, Los Angeles, CA, USA	147
2	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. Stavragi, C.A. Sivaram, P. Lozano, U. Thadani University of Oklahoma HSC, VA Medical Center, Oklahoma City, OK, USA	148
3	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. Asadina Cardiovascular Disease Research Center, Ahvaz Joundishapour University, Ahvaz, Iran	149

P202 ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES

4	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	150
5	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	151
6	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, Miami, Florida, USA	152
7	IMPACTS OF PCI IN-HOSPITAL OUTCOMES AND LIFE EXPECTANCY IN 1 PATIENTS AFTER ACUTE MYOCARDIAL INFARCTION T-H. Hsieh , L-M Tsai College and Hospital of National Cheng Kung University, Tainan, Taiwan	153
8	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.	154

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P203 CAD: SECONDARY PREVENTION, CARDIAC REHAB, PROGNOSIS

Board No.		Abstract No.
9	<p>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</p>	155
10	<p>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 PUCCAMP, Campinas, SP Brazil</p>	156
11	<p>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</p>	157
12	<p>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</p>	158
13	<p>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</p>	159

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P204 INSIGHTS INTO MECHANISM AND MANAGEMENT OF ATRIAL FIBRILLATION

Board No.		Abstract No.
14	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	160
15	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	162
16	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	163
17	ATRIAL ELECTROMECHANICAL INTERVAL IN THE PREDICTION OF RECURRENCE OF ATRIAL FIBRILLATION IN PATIENTS UNDERGOING SUCCESSFUL ELECTRICAL CARADIOVERSION TO SINUS RHYTHM K.G. Ulveling, M.J. Holmberg , T. Burns, A.M. Ayers, J. Go, A.N. Mooss Creighton University, Omaha, NE, USA	164
18	SUCCESS RATES FOR MAINTENANCE OF SINUS RHYTHM WITH DIRECT CURRENT CARADIOVERSION 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	165
19	ATRIAL FIBRILLATION ADDS TO THE BURDEN OF ISCHAEMIC STROKES IN A MULTI-ETHNIC SOUTHEAST ASIAN POPULATION J. See , J. Chow, Changi General Hospital, Singapore	166
20	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	167
21	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, Klinikum Grosshadern, University of Munich	168
22	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	169

SATURDAY, JULY 27, 2013

13:30 – 18:30

Poster Hall

P205 **CARDIOVASCULAR ASPECTS IN RENAL DISEASE**

Board No.		Abstract No.
23	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	170
24	RELATIONSHIP OF CARDIOVASCULAR MORTALITY & HOMOCYSTEINE LEVELS IN CHRONIC KIDNEY DISEASE N. Nand Post graduate Institute of Medical Sciences, Rohtak, India.	171

P206 **PERICARDITIS**

25	LUPUS PERICARDITIS POST CARDIAC TAMPONADE SECONDARY TO MITRAL VALVULOPLASTY S.H. Wan , F.C. Ernste Mayo Clinic, Rochester, MN, USA	172
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P207 **LEFT VENTRICULAR HYPERTROPHY / HYPERTROPHIC CARDIOMYOPATHY**

26	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	173
27	REPEAT ECHOCARDIOGRAPHIC SCREENING IN SUBJECTS UNDERGOING SCREENING ECHOCARDIOGRAPHY FOR DETECTION OF HYPERTROPHIC CARDIOMYOPATHY M.R. Movahed , S. Bates, University of Arizona, Tucson, AZ, USA	174

P208 **MISCELLANEOUS**

28	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	175
29	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	176
30	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	178



INTERNATIONAL ACADEMY OF CARDIOLOGY
18th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2013

VANCOUVER, BC, CANADA, JULY 26 – 29, 2013

**SCIENTIFIC
PROGRAM**
SUNDAY, July 28, 2013

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SUNDAY, JULY 28, 2013

08:30 – 10:30

Hall A

PL07

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

Chairs: **J.A. Elefteriades**, New Haven, CT, USA
S.D. Gertz, Jerusalem, Israel

Abstract No.

- | | | |
|-------|--|-----|
| 08:30 | 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 | 179 |
| 08:45 | LESSONS FROM ANIMAL MODELS OF ARTERIAL ANEURYSM (Invited Lecture)
S.D. Gertz , L. Gavish
The Hebrew University - Hadassah Medical School, Jerusalem, Israel | 180 |
| 09:00 | PRACTICAL GENETICS OF THORACIC AORTIC ANEURYSM (Invited Lecture)
J.A. Elefteriades , Aortic Institute at Yale-New Haven, New Haven, CT, USA | 181 |
| 09:15 | UPDATE ON AHA GUIDELINES FOR MANAGEMENT OF THORACIC AORTIC DISEASE (Invited Lecture)
A.T. Yetman , University of Utah, Salt Lake City, UT, USA | 182 |
| 09:30 | POLYVASCULAR DISEASE: DIAGNOSIS AND TREATMENT (Invited Lecture)
T. Tomaru , J. Suzuki, T. Matsubara, E. Matsubara, Y. Minami
Toho University Sakura Hospital, Japan | 183 |
| 09:45 | CORRELATION BETWEEN AORTIC ROOT DILATION AND DIASTOLIC DYSFUNCTION
P. Rodriguez-Lozano , W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan
UTMB, Galveston, TX, USA | 185 |
| 10:00 | THE DA VINCI ROBOT AND NEW ERA OF VASCULAR SURGERY
P. Stadler , L. Dvoracek, P. Vitasek, P. Matouš
Na Homolce Hospital, Praha, Czech Republic | 186 |
| 10:15 | ENDOVENOUS ABLATION THERAPY FOR TREATMENT OF VENOUS INSUFFICIENCY: COMPARATIVE STUDY EVALUATING EFFICACY BETWEEN LASWER AND RADIOFREQUENY 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 | 187 |
| 10:30 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

SUNDAY, JULY 28, 2013

08:30 – 11:00

Hall B

PL08

Plenary Session
VASCULAR BIOLOGY, IMMUNE MEDIATED SURVIVAL AND
OXIDATIVE STRESS

Chairs: **T. Malinski**, Athens, OH, USA
K. Maiese, Jersey City, NJ, USA

Abstract No.

08:30	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	188
08:45	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	189
09:00	mTOR SIGNALING IN VASCULAR AND IMMUNE MEDIATED DISEASE (Invited Lecture) K. Maiese , Mitsubishi Tanabe Pharma, Jersey City, NJ, USA	190
09:15	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	191
09:30	THE ROLE OF NITRIC OXIDE/PEROXYNITRITE IMBALANCE IN THE ISCHEMIC HEART (Invited Lecture) H. Wang, T. Malinski , Ohio University, Athens, OH, USA	193
09:45	DIHYDROFOLATE REDUCTASE IN CARDIOVASCULAR PATHOPHYSIOLOGY (Invited Lecture) H. Cai , UCLA David Geffen School of Medicine Los Angeles, CA, USA	194
10:00	THIOREDOXIN-1 GENE THERAPY FOR CARDIOVASCULAR DISEASE (Invited Lecture) N. Maulik , University of Connecticut School of Medicine, Farmington, CT, USA	303
10:15	HYPERCHOLESTEROLEMIA-INDUCED OXIDATIVE STRESS IN THE HEART (Invited Lecture) K. Prasad , University of Saskatchewan, Saskatoon, SK, Canada	195
10:30	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	192
10:45	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	196
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 28, 2013

08:30 – 11:00

Hall C

S26

Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairs: **T. Akasaka**, Wakayama, Japan
T. Tomaru, Chiba, Japan

Abstract No.

- 08:30 SAFETY OF ECHOCARDIOGRAPHIC CONTRAST IN HOSPITALIZED PATIENTS WITH PULMONARY HYPERTENSION: A MULTICENTER STUDY **197**
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
- 08:45 MDCT QUANTIFICATION OF EXTRACELLULAR VOLUMES IN ACUTE AND SCARRED MYOCARDIAL INJURIES **198**
L. Do, M.W. Wilson, M. Suhail, S.W. Hetts, M. Saeed
University of California San Francisco, San Francisco, CA, USA
- 09:00 LONG-TERM FOLLOW-UP OF CORONARY COMPUTED TOMOGRAPHY IN PATIENTS WITH CHEST PAIN AT INTERMEDIATE RISK **199**
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
- 09:15 WHO IS YOUNG AT HEART AND WHEN? DATA FROM THE MIND YOUR HEART STUDY **200**
S. Pursnani, K. Singh, S. Lahsaei, B. Ristow, R.E. Shaw, B.E. Cohen, N. Schiller, California Pacific Medical Center; San Francisco, CA, USA
- 09:30 OPTICAL COHERENCE TOMOGRAPHY FINDINGS OF LESION WITH VERY LATE RESTENOSIS AFTER BARE METAL STENT IMPLANTATION **201**
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
- 09:45 CORONARY CHRONIC TOTAL OCCLUSIONS; EVALUATION AND PREDICTION OF PERCUTANEOUS INTERVENTION OUTCOME BY COMPUTED TOMOGRAPHY CORONARY ANGIOGRAPHY AS COMPARED TO CONVENTIONAL CORONARY ANGIOGRAPHY **202**
S. Elkaffas, S. Sumitsuji, A. Hassan-Mostafa, K. Said, H. Kandil, S. Nanto
Cairo University, Department of Cardiology, Cairo, Egypt
- 10:00 UNVEILING RESTRICTIVE CARDIOMYOPATHIES WITH CARDIAC MAGNETIC RESONANCE **203**
N.R. Aggarwal, Mayo Clinic, Rochester, MN, USA
- 10:15 LOW RISK CHEST PAIN PATIENTS MIGHT NOT BENEFIT FROM IN PATIENT STRESS TESTING **204**
Y. Nawaz, B. Ayub, D. Schneider, R.A Watson
Lehigh Valley Hospital, Allentown, PA, USA

SUNDAY, JULY 28, 2013

S26	Session NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES (continued)	Abstract No.
10:30	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	205
10:45	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	206
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	
08:30 – 11:00		Hall D

S27	Session ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT	
	Chairs: M.R. Movahed , Tuscon, AZ, USA B.F. Uretsky , Little Rock, AR, USA	
08:30	CORONARY COLLATERALS ARE NOT CARDIOPROTECTIVE IN MULTIETHNIC STEMI PATIENTS AFTER REVASCULARIZATION 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	207
08:45	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	208
09:00	ACUTE MYOCARDIAL INFARCTION AND MULTIVESSEL DISEASE: DIFFERENT PERCUTANEOUS REVASCULARIZATION 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	209
09:15	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. Rechciski Medical University of Lodz, Lodz, Poland	210

SUNDAY, JULY 28, 2013

S27	Session ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT (continued)	Abstract No.
09:30	OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROME REQUIRING INTENSIVE CARE UNIT ADMISSION A Jain , R. Giri, H. Luckraz, New Cross Hospital, Wolverhampton, UK	211
09:45	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	212
10:00	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	213
10:15	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	214
10:30	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	216
10:45	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	217
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 28, 2013

11:15 – 14:00

Hall A

PL09

Plenary Session

VALVULAR HEART DISEASE: MECHANISMS, IMAGING AND TREATMENT OPTIONS

Joint Session with the Heart Valve Society of America

Chairs: **J.S. Borer**, New York, NY, USA
N.M. Rajamannan, Chicago, IL, USA

Abstract No.

- | | | |
|-------|---|-----|
| 11:15 | 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 | 218 |
| 11:30 | 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 | 219 |
| 11:45 | TRANSAPICAL TRANSCATHETER AORTIC VALVE REPLACEMENT IN THE PRESENCE OF A MITRAL PROSTHESIS (Invited Lecture)
J. Ye , University of British Columbia, Vancouver, BC, Canada | 220 |
| 12:00 | 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 | 221 |
| 12:15 | 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 | 222 |
| 12:30 | TAVI - WAVE OF THE FUTURE OR TIME FOR A DEEP BREATH? (Invited Lecture)
H.L. Lazar , Boston Medical Center, Boston, MA, USA | 223 |
| 12:45 | TRANSESOPHAGEAL ECHOCARDIOGRAPHY FOR TRANSCATHETER AORTIC VALVE REPLACEMENT (Invited Lecture)
S. Lerakis , P. Block, V. Hourani, R. Guyton, V. Babaliaros
Emory University Hospital, Atlanta, GA, USA | 224 |
| 13:00 | ASYMPTOMATIC SEVERE AORTIC STENOSIS: OPERATE OR WAIT? (Invited Lecture)
H.P. Chaliki , Mayo Clinic, Scottsdale, AZ, USA | 225 |
| 13:15 | EARLY SURGERY IN MITRAL REGURGITATION: IS IT A NEW TREND? (Invited Lecture)
Y.J. Kim , Seoul National University College of Medicine, Seoul, Korea | 226 |
| 13:30 | 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 | 227 |
| 13:45 | SURGICAL TIMING FOR INFECTIVE ENDOCARDITIS (Invited Lecture)
D.H. Kang , University of Ulsan, Asan Medical Center, Seoul, Korea | 228 |

SUNDAY, JULY 28, 2013

11:15 – 13:45

Hall B

PL10

Plenary Session ARRHYTHMIA, ELECTROPHYSIOLOGY AND STROKE PREVENTION

Chairs: **C. Snyder**, Cleveland, OH, USA
A. Khoynezhad, Los Angeles, CA, USA

Abstract No.

- | | | |
|-------|---|-----|
| 11:15 | 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 | 229 |
| 11:30 | ATRIAL FIBRILLATION AS A GENETIC DISEASE (Invited Lecture)
M.H. Gollob , University of Ottawa Heart Institute, Ottawa, ON, Canada | 230 |
| 11:45 | IS THERE A PERFECT APPROACH FOR ABLATION PERSISTENT ATRIAL FIBRILLATION? (Invited Lecture)
K. Srivathsan , Mayo Clinic, Arizona, AZ, USA | 231 |
| 12:00 | THORACOSCOPIC BIATRIAL MAZE PROCEDURE – A NOVEL MINIMAL-INVASIVE REMEDY WITH PROMISING MIDTERM RESULTS (Invited Lecture)
A. Khoynezhad , Cedars-Sinai Medical Center, Los Angeles, CA, USA | 232 |
| 12:15 | 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 | 233 |
| 12:30 | CRYPTOGENIC STROKE - COULD LONG TERM CARDIAC MONITORING UNCOVER THE CAUSE (Invited Lecture)
J. Rod Gimbel , Knoxville, TN, USA | 235 |
| 12:45 | MY PATIENT CANNOT STAND UP: WHAT TO DO ABOUT ORTHOSTATIC HYPOTENSION (Invited Lecture)
S.R. Raj , Vanderbilt University, Nashville TN, USA | 236 |
| 13:00 | ANTICOAGULATION IN PATIENTS WITH SYSTOLIC HEART FAILURE AND SINUS RHYTHM: WHEN? (Invited Lecture)
E. Yetkin , Middle East Hospital, Mersin, Turkey | 234 |
| 13:15 | 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, AL, USA | 238 |
| 13:30 | ASSOCIATION OF CORRECTED QT INTERVAL WITH LONG-TERM MORTALITY IN PATIENTS WITH SYNCOPE
J. Garg , P. Hari Krishnan, 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 | 237 |
| 13:45 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

SUNDAY, JULY 28, 2013

11:15 – 13:45

Hall C

S28

Session

NEW INSIGHTS INTO PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES

Chairs: **B.I. Jugdutt**, Edmonton, AB, Canada
A.A. Knowlton, Davis, CA, USA

Abstract No.

- 11:15 PREVENTIVE AND/OR THERAPEUTIC EFFECT OF NRF2 ACTIVATORS ON DIABETES- OR ANGIOTENSIN II-INDUCED CARDIOMYOPATHY **239**
L. Cai, University of Louisville, Louisville, KY, USA The Chinese-American Research Institute for Diabetic Complications, Wenzhou Medical College, Wenzhou, China
- 11:30 DOES THE ETIOLOGY OF RECIPIENT CARDIOMYOPATHY OR LEFT VENTRICULAR HYPERTROPHY POST TRANSPLANT PREDICT THE LONG TERM INCIDENCE OF CORONARY ALLOGRAFT VASCULOPATHY? **240**
W.I. Khalife, S. Garikipati, R.P. Vivo, P. Nalabothu, S. Johnson, K. Kisingbury, R. Sharif, A. Charif
University of Texas Medical Branch, Galveston, TX, USA
- 11:45 TAKOTSUBO CARDIOMYOPATHY: ANALYSIS FROM THE NATIONAL INPATIENT SAMPLE 2009-2010 **241**
P. Krishnamoorthy, J. Garg, C. Palaniswamy, J.A McClung, H. Ahmad
Englewood Hospital and Medical Center, Englewood, NY, USA
- 12:00 PROGNOSTIC VALUE OF FRAGMENTED QRS COMPLEX ON ECG OF HYPERTROPHIC CARDIOMYOPATHY PATIENTS WITH ICD **242**
B.M. Omery, M. Homsj, A.S. Aasar, M. Das
Krannert Institute of Cardiology, Indiana University School of Medicine, Indianapolis, IN, USA
- 12:15 LIRAGLUTIDE POSTCONDITIONING IS MORE EFFECTIVE THAN EXENDIN-4 IN LIMITING REPERFUSION INJURY IN BOTH WKY AND SHR-SP RATS WITH LEFT VENTRICULAR HYPERTROPHY **243**
B. Faricelli, M. Salomonsson, A. Consoli, T. Engstroem, M. Treiman
University of Copenhagen, Copenhagen, Denmark
G. d'Annunzio University, Chieti, Italy
- 12:30 SENSITIVITY AND SPECIFICITY OF COMMONLY USED EKG CRITERION TO ASSESS LEFT VENTRICULAR HYPERTROPHY IN CENTENARIANS **244**
A. Sharma, S. Chatterjee, V. Shetty, E. Lichstein
Maimonides Medical Center, Brooklyn, NY, USA
- 12:45 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 **245**
Z.J. Tharayil, M.A. Ona, D.R. Bashari, A. Charlot, I. Hoskins, M. Timoney, S. Usmani, R. Royzman
Lutheran HealthCare, Brooklyn, NY, USA

SUNDAY, JULY 28, 2013

S28

Session

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

Abstract No.

- 13:00 MYOCARDIAL INFARCTION.... OR NOT? THE TIME IS "TICKING" 246
J. Gilson, M. Krishnamurthy, F. Elmi
Easton Hospital, Academic affiliate to Drexel University, Easton, PA, USA
- 13:15 IS TAKOTSUBO CARDIOMYOPATHY A POTENTIAL SIDE EFFECT OF 247
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
- 13:30 TELMISARTAN DELAYED INACTIVATION OF CARDIAC NAV1.5 248
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
- 13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION



SUNDAY, JULY 28, 2013

11:15 – 13:00

Hall D

S29

Session

MOLECULAR AND CELLULAR CARDIOLOGY / VASCULAR BIOLOGY, BASIC RESEARCH

Chair: **P.K. Singal**, Winnipeg, MN, Canada

Abstract No.

- | | | |
|-------|---|-----|
| 11:15 | 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 | 250 |
| 11:30 | 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. | 251 |
| 11:45 | 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, Guanghzhou, China | 253 |
| 12:00 | 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 | 027 |
| 12:15 | 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 | 255 |
| 12:30 | THE EPA:DHA 6:1-INDUCED ACTIVATION OF ENOS IN THE CORONARY ARTERY INVOLVES A COPPER-DEPENDENT PRO-OXIDANT EVENT
F. Zgheel, M. Alhosin, S. Rashid, C. Auger, V.B. Schini-Kerth
Strasbourg University, Illkirch, France | 252 |
| 12:45 | 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 | 249 |
| 13:00 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

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

Board No.		Abstract No.
1	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	254
2	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	256
3	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	257
4	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	258
5	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	259
6	CTRP IS ASSOCIATED WITH CARDIAC MUSCLE DEVELOPMENT S. Han , Y. Yang, Sookmyung Women's University, Seoul, Korea	260
7	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	261

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P302 ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI

Board No.		Abstract No.
8	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	262
9	MAJOR BLEEDING IN ACUTE CORONARY SYNDROMES: INCIDENCE, PREDICTORS AND PROGNOSTIC VALUE W.A. Ammar, H.I. Kandil , O.A. Omar Cairo University, Cairo, Egypt	263
10	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	264

P303 INTERVENTIONAL CARDIOLOGY I

11	ULTIMATE SIMPLE STRATEGY FOR BIFURCATION LESION S. Ichikawa Funabashi Municipal Center Heart and Vascular Institute, Funabashi, Chiba, Japan	265
12	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.	266
13	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	267
14	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	268
15	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 Cereijo, C. Rubio Taboada Universitary Hospital Santiago de Compostela, Spain	269

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P304 **CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT**

Board No.		Abstract No.
16	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	270
17	CARDIOVASCULAR DISEASE AND SPINAL CORD INJURY: RESULTS FROM A NATIONAL POPULATION HEALTH SURVEY J.J. Cragg , V.K. Noonan, A. Krassioukov, J. Borisoff University of British Columbia, Vancouver, BC, Canada	271
18	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	272
19	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	273
20	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, Tashkent, Uzbekistan	274
21	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	275
22	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	276
23	RELATIONSHIP BETWEEN BONE MINERAL DENSITY AND RISK FACTORS OF ATHEROSCLEOSIS AND CARDIOVASCULAR DISEASE IN KOREAN POSTMENOPAUSAL WOMEN E.H. Kong , H.Y. Park Kosin University College of Medicine, Busan, South Korea	277
24	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	278

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P305 CARDIAC PACING, DEFIBRILLATION AND RESYNCHRONIZATION THERAPY

Board No.		Abstract No.
25	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	279
26	THE FATE OF INNOCENT BYSTANDER LEADS AFTER LASER LEAD EXTRACTION T. Tse, S. Parekh, J.S. Snow Winthrop University Hospital, Mineola, NY, USA	280
27	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	281
28	EMERGENCY DEPARTMENT STAFF KNOWLEDGE OF INDICATIONS FOR PERMANENT PACEMAKER INSERTION J. Basu Oxford Heart Centre, John Radcliffe Hospital, Oxford, UK	282
29	UNWINDING LIFE IN THE HEART; A CASE OF INTERNAL CARDIOVERTER-DEFIBRILLATOR LEAD MALFUNCTION S. Kanneganti, T. Aung , K. Khalighi Easton Hospital, Easton, PA, USA	283
30	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	284

P306 EXERCISE AND THE CARDIOVASCULAR SYSTEM

31	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	285
32	ANALYSIS OF THE RELATION BETWEEN VO2MAX. AND LACTATE AFTER PHYSICAL EFFORT TEST IN ELDERLY S.I 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	286

SUNDAY, JULY 28, 2013

08:00 – 13:00

Poster Hall

P307 PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

Board No.		Abstract No.
33	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	287
34	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	288
35	UNDER ESTIMATION OF ATRIAL SEPTAL DEFECT CLOSURE DEVICE SIZE IN LARGE ATRIAL SEPTAL DEFECTS REQUIRING DEVICES \geq 27 MM H.I. Kandil , A. El Sisi, M. Ali, Cairo University, Cairo, Egypt	289
36	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	290
P308 REMOTE MONITORING IN CARDIOLOGY		
37	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	291

SUNDAY, JULY 28, 2013

14:00 – 15:45

Hall A

PL11

Plenary Session

STABLE ISCHEMIC HEART DISEASE – THERAPEUTIC OPTIONS

Chairs: **M.E. Farkouh**, Toronto, ON, Canada
U. Thadani, Oklahoma City, OK, USA

Abstract No.

- | | | |
|-------|--|-----|
| 14:00 | 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 | 293 |
| 14:15 | INTEGRATIVE THERAPY IN CARDIOVASCULAR DISEASE: SAVIOR OR SHAM? (Invited Lecture)
S. Schaefer , University of California, Davis, CA, USA | 294 |
| 14:30 | MEDICAL RISK FACTOR CONTROL IN LARGE TRIALS OF DIABETIC PATIENTS UNDERGOING CORONARY REVASCULARIZATION
M.E. Farkouh , University of Toronto, Toronto, Ontario, Canada | 295 |
| 14:45 | PTEN AND STATINS INDUCED NEW ONSET DIABETES (Invited Lecture)
Y. Ye, S. Ling, M. Bajaj, Y. Birnbaum
Baylor College of Medicine, Houston, TX, USA | 296 |
| 15:00 | ADVANCES IN THE TREATMENT OF CORONARY ARTERY DISEASE IN THE ELDERLY (Invited Lecture)
I. Mikati , Northwestern Memorial Hospital, Chicago, IL, USA | 297 |
| 15:15 | 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 | 298 |
| 15:30 | 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 | 299 |
| 15:45 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

SUNDAY, JULY 28, 2013

14:00 – 16:15

Hall B

PL12

Plenary Session

MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

	Chairs:	D.K Das , Farmington, CT, USA A.M. Gerdes , Old Westbury, NY, USA	Abstract No.
14:00	ENHANCING STEM CELL ENGRAFTMENT IN THE HEART USING SINGLE CELL MICROENCAPSULATION (Invited Lecture) D.L. Kraitchman , Johns Hopkins University, Baltimore, MD, USA		300
14:15	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		301
14:30	CARDIAC TISSUE HYPOTHYROIDISM- A MAJOR PLAYER IN DIABETIC CARDIOMYOPATHY (Invited Lecture) A.M. Gerdes , N.Y. Weltman, New York Institute of Technology, Old Westbury, NY, USA		302
14:45	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		304
15:00	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		305
15:15	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		306
15:30	PROTEIN TRANSDUCTION DOMAINS; TARGETED VS. NON-TARGETED TISSUE DELIVERY (Invited Lecture) M. Zahid , University of Pittsburgh, Pittsburgh, PA, USA		307
15:45	STEM CELLS INDUCED CARDIAC REGENERATION IN DOXORUBICIN INDUCED CARDIOMYOPATHY (Invited Lecture) D. Singla , University of Central Florida, Orlando, FL, USA		494
16:00	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		308
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION		

SUNDAY, JULY 28, 2013

14:00 – 16:45

Hall C

S30 Session

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

Chair: **J.R. Gimbel**, Knoxville, TN, USA
C.A. Henrikson, Portland, OR, USA

Abstract No.

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|-------|---|-----|
| 14:00 | 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 | 309 |
| 14:15 | HIGHLY LETHAL NKX2.5 MUTATION
J.L. Perera , N.M. Johnson, D.P. Judge, J.E. Crosson
Johns Hopkins University, Baltimore, MD, USA | 310 |
| 14:30 | 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 | 311 |
| 14:45 | 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 | 313 |
| 15:00 | 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 | 314 |
| 15:15 | 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 | 315 |
| 15:30 | 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 | 316 |
| 15:45 | 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 | 317 |

SUNDAY, JULY 28, 2013

S30	Session	Abstract No.
	ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY (continued)	
16:00	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	319
16:15	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	320
16:30	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	321



SUNDAY, JULY 28, 2013

16:45 – 19:00

Hall A

PL13

Plenary Session

CAN WE BUILD A BETTER MODEL: CVD RISK PREDICTION

Chairs: **M.A. Alpert**, Columbia, MO, USA
M.H. Criqui, La Jolla, CA, USA

Abstract No.

16:45	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	322
17:00	CAROTID ULTRASOUND EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN 2013: PROGRESS AND PITFALLS (Invited Lecture) J.M. Gardin , Hackensack University Medical Center, Hackensack, NJ, USA	323
17:15	IS DIABETES REALLY A CORONARY HEART DISEASE RISK EQUIVALENT? (Invited Lecture) N.D. Wong , University of California, Irvine, CA, USA	324
17:30	RISK FACTORS FOR CARDIOVASCULAR DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE (Invited Lecture) M.A. Alpert , University of Missouri-Columbia, Columbia, MO, USA	325
17:45	THE HIGH CORONARY DISEASE RISK OF SOUTH ASIAN AMERICANS (Invited Lecture) A.L. Klatsky , Kaiser Permanente Medical Center, Oakland, CA, USA	326
18:00	MENTAL STRESS INDUCED MYOCARDIAL ISCHEMIA AND ITS TREATMENT (Invited Lecture) W. Jiang , Duke University Medical Center, Durham, NC, USA	327
18:15	BIDIRECTIONAL RISKS OF CARDIOVASCULAR DISEASE AND COGNITIVE IMPAIRMENT (Invited Lecture) K. Alagiakrishnan , University of Alberta, Edmonton, Alberta, Canada	328
18:30	ARE GENDER DIFFERENCES IN HEART DISEASE MORE SIGNIFICANT THAN THE SIMILARITIES? (Invited Lecture) S. Malik , University of California, Irvine, CA, USA	329
18:45	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	330

S31

Session

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

Chairs: **J.N. Bella**, Bronx, NY, USA
N. Maulik, Farmington, CT, USA

Abstract No.

- 16:45 DIFFERENCES IN PLATELET microRNA PROFILES AFTER ASPIRIN USE ARE ASSOCIATED WITH DIFFERENCES IN WHOLE BLOOD AGGREGATION AND MIGHT IDENTIFY ASPIRIN RESISTANCE **331**
M.G. Kok, C. Mandolini, R. Nieuwland, E.E. Creemers, J.C. Meijers, **S.J. Pinto-Sietsma**, Academic Medical Centre, Amsterdam, The Netherlands
- 17:00 ASSOCIATION STUDY OF 10 SELECTED GENE VARIANTS WITH ANGIOGRAPHIC SEVERITY OF CORONARY ARTERY DISEASE **332**
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
- 17:15 GENETIC VARIANTS IN FBN-1 AND RISK FOR THORACIC AORTIC DISSECTION AND NON-DISSECTING ANEURYSM: THE YALE STUDY **333**
O. Iakoubova, C. Tong, C. Rowland, M. Luke, V. Garcia, J. Catanese, J. Catanese, R. Moomiaie, D. Nikas, **J. Elefteriades**
Celera Incorporated, Alameda, CA, USA
- 17:30 MACROPHAGES TRANSMIT POTENT PROANGIOGENIC EFFECTS OF oxLDL IN VITRO AND IN VIVO INVOLVING HIF-1 α ACTIVATION: A NOVEL ASPECT OF ANGIOGENESIS IN ATHEROSCLEROSIS **334**
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
- 17:45 A GENETIC RISK SCORE FOR ATRIAL FIBRILLATION IS ASSOCIATED WITH CARDIOEMBOLIC STROKE **335**
M.M. Luke, C.H. Tong, J.J. Devlin, C.R. Rowland, C. Mannhalter
Celera, a division of Quest Diagnostics, Alameda, CA, USA
- 18:00 THE ASSOCIATION OF A GENETIC RISK SCORE WITH ATRIAL FIBRILLATION IN TWO HYPOTHETICAL POPULATIONS **336**
M.M. Luke, C.H. Tong, J.J. Devlin, C.R. Rowland
Celera, a division of Quest Diagnostics, Alameda, CA, USA
- 18:15 A NOVEL LAMIN A/C MUTATION IN A DUTCH FAMILY WITH PREMATURE ATHEROSCLEROSIS **337**
A.A. Weterings, I.A. Van Rijnsingen, 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, The Netherlands
- 18:30 MIR-301A OVER-EXPRESSION IN BONE-MARROW DERIVED MESENCHYMAL STEM CELLS: DIFFERENTIATION VERSUS PROLIFERATION **338**
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

Chairs: **E.S. Gang**, Los Angeles, CA, USA
K. Srivathsan, Arizona, AZ, USA

Abstract No.

- 16:45 THE EFFECTS OF GENDER, CALCIUM CHANNEL BLOCKERS AND DIGOXIN ON DOFETILIDE THERAPEUTIC EFFICACY AND OUTCOMES: AN ACAP-TIKOSYN REGISTRY ANALYSIS **339**
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, Columbia University College of Physicians and Surgeons, New York, USA
- 17:00 INTEGRATED CHRONIC CARE MANAGEMENT IN PATIENTS WITH ATRIAL FIBRILLATION: AN EFFECTIVE TREATMENT STRATEGY **340**
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
- 17:15 INITIAL EXPERIENCE WITH THREE-DIMENSIONAL ANATOMICAL MAPPING DURING CARDIAC PACING LEAD EXTRACTION **066**
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
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
- 17:30 AF SURVEILLANCE POST AF ABLATION USING IMPLANTABLE CARDIAC MONITOR **341**
J. Ip, Y. Xie, D. Grimes, K. Jager, J. Boak, D. Gandhi
Sparrow Clinical Research Institute, Lansing, MI, USA
- 17:45 FREQUENCY OF ATRI-VENTRICULAR BLOCK COMPLICATING ST ELEVATION MYOCARDIAL INFARCTION **342**
J. Nealis, A. Mironov, C. Mitre, A. Budzikowski, J. Kassotis
SUNY Downstate Medical Center, Brooklyn, N.Y. USA
- 18:00 ENHANCED ABLATION IN PULMONARY VEIN ANTRUM GUIDED BY MAGNETIC NAVIGATION IMPROVES LONG-TERM OUTCOME OF PAROXYSMAL ATRIAL FIBRILLATION **343**
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
- 18:15 RADIOFREQUENCY CATHETER ABLATION VERSUS CRYOABLATION THERAPY FOR TREATMENT OF ATRIAL FLUTTER **344**
S. Aggarwal, R.S. Loomba, T.K. Shah, S. Khosla, **R.R. Arora**
Chicago Medical School, North Chicago, IL, USA
- 18:30 PHARMACOLOGICAL CONVERSION OF RECENT ONSET ATRIAL FIBRILLATION: A RANDOMIZED STUDY OF PROPAFENONE AND AMIODARONE **161**
H.S. Taha, M.S. Mashaal, R.M. Omar
Faculty of Medicine, Cairo University, Cairo, Egypt

SUNDAY, JULY 28, 2013

S32	Session	Abstract No.
	ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION (continued)	
18:45	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	345
19:00	THROMBOLYSIS OF LEFT ATRIAL APPENDAGE THROMBUS PRIOR TO CARDIOVERSION 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	346
19:15	COMPLICATIONS OF TRANSEPTAL 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	347
19:30	RP INTERVAL DURATION IN SURFACE EKG DURING TYPICAL AVNRT IN ELDERLY PATIENTS J. Misiri , C.B. Kauffman, F. Kusumoto Mayo Clinic, Rochester, MN, USA	348



SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P401 NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Board No.		Abstract No.
1	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	349
2	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	350
3	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	351
4	IS D DIMER TEST RELIABLE FOR DIAGNOSIS OF DEEP VENOUS THROMBOSIS? T. Kon, T. Kurosu, Y. Sugiyama, J. Suzuki, E. Matsubara, T. Matsubara, T. Tomaru , Toho University Medical Center Sakura Hospital, Japan	352
5	GLOBAL LONGITUDINAL STRAIN SPECKLE TRACKING IN CONSIDERING ADVERSE CARDIOVASCULAR EVENTS DURING FOLLOW SHORT TERM IN PATIENTS WITH ACUTE CORONARY SYNDROME. E. Ruiz , I. Marquez, W. Guanipa. "Dr. Domingo Luciani" Hospital, IVSS. Caracas, Venezuela	353
6	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	354

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P402 INTERVENTIONAL CARDIOLOGY II

Board No.		Abstract No.
7	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	054
8	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	355
9	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	356
10	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	357
11	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	358
12	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	359

P403 LIPIDS, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA

13	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	360
14	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	361
15	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	362

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P404 HYPERTENSION, BASIC, CLINICAL AND EPIDEMIOLOGICAL

Board No.		Abstract No.
16	BLOOD PRESSURE (BP) RESPONSE TO EXERCISE IN PATIENTS WITH END STAGE RENAL FAILURE: IMPACT OF AUTONOMIC NEURAL CONTROL MECHANISMS N Arat , E Ermiş, S Kahraman, B Kurt, S Apaydin, C Ciftci Istanbul Bilim University, Department of Cardiology, Istanbul, Turkey	363
17	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	364
18	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	365
19	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	366
20	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	367
21	MALIGNANT HYPERTENSION WITH THROMBOTIC MICROANGIOPATHY R. Sekar , Khoo Teck Puat Hospital, Singapore	368
22	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	369
23	HYPERTENSIVE EMERGENCIES IN WINTERS M.A. Zulqarnain , A. Ahmed, U. Exechukwu, D. Beard Canton Medical Education Foundation, Canton, OH, USA	370

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P405 PULMONARY CIRCULATION ASPECTS, PULMONARY HYPERTENSION

Board No.		Abstract No.
24	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	371
25	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	372
26	QRS COMPLEX MORPHOLOGY IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA V. Christos, L. Bacharova, R. Tisko, R. Tkacova International Laser Center, Bratislava, Slovakia	373
27	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	374
28	STATINS THERAPY AND THE SEVERITY OF PULMONARY EMBOLISM P. Charoenpong , K. Shahwan, N. Poowanawittayakom, C. Clarke Advocate Illinois Masonic Medical Center, Chicago, IL, USA	375
29	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	376
30	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	377

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P406 CARDIOMYOPATHIES: PATHOGENESIS AND TREATMENT

Board No.		Abstract No.
31	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	378
32	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	379
33	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	380
34	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	381
35	PALPITATIONS AS AN UNUSUAL MANIFESTATION OF A MULTYSYSTEMIC DISEASE J. Gilson , M. Krishnamurthy, K. Khalighi Easton Hospital, Academic Affiliated Drexel University, Easton, PA, USA	382
36	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	383
37	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. Elasar, K.F. AlHabib Al Imam Muhammad Ibn Saud Islamic University, Riyadh, Saudi Arabia	384
38	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	385

SUNDAY, JULY 28, 2013

13:30 – 18:30

Poster Hall

P407 ADVANCES IN CARDIAC SURGERY / REVASCULARIZATION

Board No.		Abstract No.
39	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	386
40	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	387
41	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	388
42	SUCCESSFUL ASPIRATION AND RHEOLYTIC THROMBECTOMY OF RENAL ARTERY INFARCTS R. Khouzam , R.R. Attia University of Tennessee Health Science Center, Memphis, TN, USA	389





INTERNATIONAL ACADEMY OF CARDIOLOGY
18th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2013

VANCOUVER, BC, CANADA, JULY 26 – 29, 2013

**SCIENTIFIC
PROGRAM**

Monday, July 29, 2013

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MONDAY, JULY 29, 2013

08:30 – 10:45

Hall A

PL14 Plenary Session
THE KIDNEY, BLOOD PRESSURE AND HYPERTENSION MANAGEMENT

Chairs: **W.S. Aronow**, Valhalla, NY, USA
A.H. Danser, Rotterdam, The Netherlands

Abstract No.

- | | | |
|-------|--|-----|
| 08:30 | 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 | 393 |
| 08:45 | RENAL DENERVATION IN HYPERTENSION AND MORE? (Invited Lecture)
F. Mahfoud
Universitätsklinikum des Saarlandes, Homburg/Saar, Germany | 394 |
| 09:00 | DUAL RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITION: TOO MUCH OF A GOOD THING? (Invited Lecture)
A.H. Danser , Erasmus Medical Center, Rotterdam, The Netherlands | 390 |
| 09:15 | OPTIMAL BLOOD PRESSURE GOALS IN PATIENTS AT HIGH RISK FOR CARDIOVASCULAR EVENTS (Invited Lecture)
W.S. Aronow , New York Medical College, Valhalla, NY, USA | 391 |
| 09:30 | 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 | 392 |
| 09:45 | 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 | 395 |
| 10:00 | CHRONOTHERAPY WITH LOW-DOSE ASPIRIN FOR PREVENTION OF COMPLICATIONS IN PREGNANCY (Invited Lecture)
D.E. Ayala , R.C. Hermida, Campus Universitario, Vigo, Spain | 396 |
| 10:15 | 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 | 398 |
| 10:30 | 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 | 399 |
| 10:45 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

MONDAY, JULY 29, 2013

08:30 – 11:00

Hall B

PL15 Plenary Session

ADVANCES IN THE TREATMENT AND MANAGEMENT OF HEART FAILURE

Chairs: **U. Elkayam**, Los Angeles, USA

H.N. Sabbah, Detroit, MI, USA

Abstract No.

08:30	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	400
08:45	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	401
09:00	PARTIAL ADENOSINE A1-RECEPTOR AGONISTS FOR THE TREATMENT OF HEART FAILURE (Invited Lecture) H.N. Sabbah , Henry Ford Heart & Vascular Institute, Detroit, MI, USA	402
09:15	ENHANCING GLUCOSE OXIDATION AS AN APPROACH TO TREAT HEART FAILURE (Invited Lecture) G. Lopaschuk , University of Alberta, Edmonton, AB, Canada	403
09:30	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	405
09:45	ROLE OF PERITONEAL DIALYSIS IN MANAGEMENT OF HEART FAILURE: AN UPDATE FOR 2013 (Invited Lecture) A. Kazory , University of Florida, Gainesville, FL, USA	406
10:00	CATHETER ABLATION IN PATIENTS WITH ELECTRICAL STORM – BENEFIT OF A CLINICAL NETWORK (Invited Lecture) T. Deneke , K. Nentwich, J. Krug, S. Kerber, A. Schade University of Bochum, Bochum, Germany	089
10:15	BIOMARKER SOLUTIONS FOR HEART FAILURE AND COPD MANAGEMENT (Invited Lecture) K. Lam , B.M. McManus PROOF Center of Excellence, Vancouver, BC, Canada	407

MONDAY, JULY 29, 2013

PL15	Plenary Session ADVANCES IN THE TREATMENT AND MANAGEMENT OF HEART FAILURE (continued)	
		Abstract No.
10:30	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	409
10:45	EFFICACY AND SAFETY OF IVABRADIN IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY (Invited Lecture) S. Chumburidze , Scientific Research Clinic of Therapy, Tbilisi, Rep. of Georgia	410
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

08:30 – 11:15

Hall C

S33	Session INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI	
	Chairs: Y. Birnbaum , Houston, TX, USA W. Bommer , Davis, CA, USA	
08:30	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 Istituto Clinico Humanitas, Rozzano, Italy	411
08:45	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	412
09:00	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	413
09:15	ANTIPLATELET DRUG RESISTENCE IN ASIAN POPULATION G. Vijayaraghavan, P. Sadath Kerala Institute of Medical Sciences, Trivandrum, Kerala, India	414

MONDAY, JULY 29, 2013

S33	Session	Abstract No.
	INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI (continued)	
09:30	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	415
09:45	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	416
10:00	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	417
10:15	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	418
10:30	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	419
10:45	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	420
11:00	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	421
11:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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

Chairs: **G.W. Barsness**, Rochester, MN, USA
Y. Ueda, Osaka, Japan

Abstract No.

- | | | |
|-------|--|-----|
| 11:15 | THE COMPLICATED STEMI: WHAT TO DO WITH MULTIVESSEL DISEASE (Invited Lecture)
G.W. Barsness , Mayo Clinic, Rochester, MN, USA | 422 |
| 11:30 | FFR AT 2013: AN UPDATE (Invited Lecture)
E. Kaluski
Guthrie Health Services & NJ Medical School, Sayre, PA, USA | 423 |
| 11:45 | 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 | 424 |
| 12:00 | WHY ACS OCCURS AND HOW WE CAN PREVENT IT (Invited Lecture)
Y. Ueda , Osaka Police Hospital, Tennoj-ku, Osaka, Japan | 425 |
| 12:15 | 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 | 426 |
| 12:30 | 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 | 427 |
| 12:45 | FEMORAL OR RADIAL ACCESS FOR PRIMARY PCI: A DILEMMA OF CHOICE (Invited Lecture)
A.N. Cheema , St. Michael's Hospital, Toronto, ON, Canada | 428 |
| 13:00 | 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 | 429 |

MONDAY, JULY 29, 2013

11:15 – 14:00

Hall B

S34

Session

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

Chair: **G. Lopaschuk**, Edmonton, AB, Canada
S. Schaefer, Davis, CA, USA

Abstract No.

- 11:15 INCIDENT HEART FAILURE MORTALITY ACCORDING TO RACE AND SEX AMONG OLDER ADULTS FROM THE CARDIOVASCULAR HEALTH STUDY **430**
S. Parashar, R. Katz, N.L. Smith, A.A. Arnold, V. Vaccarino, N. Wenger, J.S. Gottdiener, Emory University, Atlanta, Georgia, USA
- 11:30 FACTORS AFFECTING MINNESOTA LIVING WITH HEART FAILURE SCORE **431**
V. Mundra, A. Trombley, R. Kacere
St John Medical Center, Tulsa, OK, USA
- 11:45 MARKED ELEVATION OF B-TYPE NATRIUETIC PEPTIDE IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION **432**
S. Tate, A. Griem, C. Watt, **S. Schaefer**, University of California, Davis USA
- 12:00 RISK FACTORS FOR 30-DAY READMISSION FOR ACUTE DECOMPENSATED HEART FAILURE: A HOSPITAL BASED STUDY **434**
R.F. Njoh, B. Njei, C. Moskowitz, A. Dutta, R. Vidhun, T. Genese
St. Mary's Hospital, Waterbury, CT, USA
- 12:15 A META-ANALYSIS ON THE EFFECTS OF TOLVAPTAN IN PATIENTS WITH CHRONIC HEART FAILURE **435**
P.C. Ines, F.L. Fernandez, F.L. Catalan, I.L. Celedonio, F.A. Atibagos
Adult Cardiology, Philippine Heart Center
- 12:30 PROTEINURIA AND RENAL DYSFUNCTION AS PREDICTORS OF DIASTOLIC DYSFUNCTION **437**
P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan
UTMB, Galveston, TX, USA
- 12:45 DIAGNOSTIC VALUE OF N -TERMINAL PROBNP BIOMARKER IN EVALUATION OF CONGESTIVE HEART FAILURE **438**
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
- 13:00 HYPERKALEMIA AMONG HOSPITALIZED PATIENTS WITH ACE INHIBITORS AND ANGIOTENSIN - II RECEPTOR BLOCKER THERAPY **439**
J.B. Khanagavi, T. Gupta, J. Garg, T. Shah, W.S. Aronow
New York Medical College, Valhalla, NY, USA
- 13:15 VALUE OF STATINS IN CONGESTIVE HEART FAILURE PATIENTS WITH ELEVATED HIGH SENSITIVITY C-REACTIVE PROTEIN **073**
H.S. Taha, H.G. Elhossary, A.A. Heiba
Faculty of Medicine, Cairo University, Cairo, Egypt

MONDAY, JULY 29, 2013

S34

Session

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

Abstract No.

- 13:30 FACTORS PREDICTING 6 MINUTE WALK TEST IN PATIENTS WITH STABLE HEART FAILURE 436
V. Mundra, A. Trombley, R. Kacere, St. John Medical Center, Tulsa, OK, USA
- 13:45 EPICARDIAL ADIPOSE TISSUE THICKNESS AS ASSESSED BY ECHOCARDIOGRAPHY & DIASTOLIC LEFT VENTRICULAR FUNCTION 433
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



S35

Session

OBESITY, METABOLIC SYNDROME AND DIABETES, BASIC AND CLINICAL

Chairs: **A.L. Klatsky**, Oakland, CA, USA
J.J. Mahmarian, Houston, TX, USA

Abstract No.

- | | | |
|-------|---|-----|
| 11:15 | 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 | 016 |
| 11:30 | 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 | 441 |
| 11:45 | 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, Shannxi, China | 442 |
| 12:00 | 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 | 443 |
| 12:15 | 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 | 444 |
| 12:30 | 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 | 445 |
| 12:45 | 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 | 446 |
| 13:00 | 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
University Hospital Basel, Switzerland | 447 |

MONDAY, JULY 29, 2013

S35

Session

OBESITY, METABOLIC SYNDROME AND DIABETES, BASIC AND CLINICAL (continued)

Abstract No.

- | | | |
|-------|---|-----|
| 13:15 | 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 | 448 |
| 13:30 | 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 | 449 |
| 13:45 | 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 | 450 |
| 14:00 | 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

Board No. Abstract No.

1 CURCUMIN TRINICOTINATE REGULATE THE PROLIFERATION OF VSMCS VIA CAVEOLIN-1/ERK1/2 SIGNALING PATHWAY 451
W. Yang, T.P. Li, **Q.H. Tuo**, X. Zheng, Z.F. Guo, D.F. Liao
Hunan University of Chinese Medicine, Changsha, Hunan, China

2 ASSOCIATION BETWEEN CHRONIC PERIODONTITIS AND CORONARY ARTERY DISEASE 452
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

3 ATRIAL FIBRILLATION AND LA-SIZE ARE INDEPENDENTLY CORRELATED WITH THE AMOUNT OF PERICARDIAL ADIPOSE TISSUE 453
M. Greif, F. von Ziegler, R. Wakili, S. Helbig, R.P. Laubender, M. D'Anastasi, A.W. Leber, A. Becker, Klinikum Grosshadern, Bayern, Germany

4 DOES THE EXTENT OF CALCIFIED PLAQUE AFFECT THE PERFORMANCE OF COMPUTED TOMOGRAPHIC CORONARY ANGIOGRAPHY? 454
M. Gupta, B. Jug, J. Papazian, Y. Hacioglu, D. Li, H. Bhatia, R. Karlsberg, M. Budoff
St. Joseph Mercy Oakland, Pontiac, MI, USA

5 RISK STRATIFICATION WITH CALCIUM SCORING IN PATIENTS WITH SEVERE CHRONIC KIDNEY DISEASE 455
F. von Ziegler, M. Greif, C.R. Becker, M. Fischereeder, S. Massberg, A. Becker
University of Munich, Grosshadern Campus, Munich, Germany

6 THE ASSOCIATION BETWEEN LEFT VENTRICULAR THROMBUS AND APICAL MYOCARDIAL SCAR IN PATIENTS WITH CARDIOMYOPATHY 456
T. Boonyasirinant, R. Krittayaphong
Department of Medicine, Siriraj Hospital, Mahidol University, Thailand

7 COMPARISON OF DIAGNOSTIC ACCURACY OF MULTISLICE CT ANGIOGRAPHY WITH CONVENTIONAL CORONARY ANGIOGRAPHY IN BYPASS GRAFT STENOSIS AFTER CORONARY ARTERY BYPASS GRAFT SURGERY 457
S.M.H Adel, M. Noorizadeh, S.H. Majidi, F. Ahmadi, M. Davoodi, M. Esapour Moghadam, S.F.A Tahmasebi, H. Hybar
Jundishapur University of Medical Sciences, Atherosclerosis Research Center, Ahvaz, Iran

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

P502 **CARDIOVASCULAR IMAGING: NUCLEAR CARDIOLOGY, CARDIAC CT AND MRI (continued)**

Board No.		Abstract No.
8	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	458
9	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 King AbdulAziz Hospital, National Guard Health Affairs, AlAhsa, Kingdom of Saudi Arabia	459
10	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	460
11	IMPROVING THE COST EFFECTIVENESS OF CHEST PAIN CENTERS L.A. Bucklew, J. Naumvoski, E.A. Bucklew , J. Apitsch UPMC/St. Margaret, Pittsburgh, PA, USA	461
12	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 M.A. Afiniwala , H.A. Ranganath, R.E. Heidel, D.C. Wortham, R.M. Baljepally University of Tennessee, Knoxville, TN, USA	462
P503	PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE	
13	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 Sociedade de Cardiologia do Estado de Sao Paulo, Secretaria Municipal de Saude de Campinas, Sao Paulo, Brazil	463
14	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 Michigan State University, East Lansing, MI, USA	464

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

P503 PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE (continued)

Board No.		Abstract No.
15	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 FSBI Collaborative Laboratory of Cardiovascular Diseases Epidemiology SB RAMS, Novosibirsk, Russia	465
16	SCREENING RATES OF HYPERLIPIDEMIA IN AT-RISK URBAN PEDIATRIC POPULATIONS G. Montano , A. Mar, S. Szpunar, R. Witherell, P. Anne St. John Providence Children's Hospital, Pediatrics, Detroit, MI, USA	466
17	HDLC LEVELS AND RELATION TO FISH CONSUMPTION 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 Sociedade de Cardiologia do Estado de Sao Paulo, Brasil	467
18	OUTCOMES OF CARDIAC REHABILITATION IN OBESE PATIENTS V. Mundra , S. Henquinet, G. Moudry St John Medical Center, Tulsa, OK, USA	468
19	COMPARISON OF VO ₂ MAX., 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	469

P504 SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT

20	ABNORMAL INTRACELLULAR CA ²⁺ 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	470
21	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	471
22	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	472
23	EFFECT OF DIFFERENT REGIMENS OF DIALYSATE POTASSIUM CONCENTRATION ON CARDIAC ARRHYTHMIA M. Nourizadeh, F. Daeinejad , A. ShamsAkhtari, S. Beladi, M. Shakeri, M. Alasti Cardiovascular Disease Research, Jondishaour University, Ahvaz, Iran	473

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

P505 BIOMARKERS IN HEART FAILURE

Board No.		Abstract No.
24	USING NATRIURETIC PEPTIDE ASSAY TO GUIDE HEART FAILURE MANAGEMENT T. Kern, I. Kedan , A. Kimchi David Geffen School of Medicine, Los Angeles, CA, USA	474
25	DIAGNOSTIC VALUES OF URINE AND PLASMA NT-proBNP IN HEART FAILURE PATIENTS M. Toufan, H. Namdar , M. Abbasnezhad, S. Yaraghi Madani Heart Hospital, Tabriz University of Medical Sciences, Tabriz, Iran	475
26	ULTRAFILTRATION DOES NOT IMPROVE NEUROHORMONAL ACTIVATION IN ACUTE DECOMPENSATED HEART FAILURE N. Maroz, A. Kazory , University of Florida, Gainesville, FL, USA	476

P506 VALVULAR HEART DISEASE / AORTIC DISEASE / SURGICAL AND TRANSCATHETER INTERVENTIONS

27	AN INFLUENCE OF PREOPERATIVE LEFT VENTRICULAR FUNCTION ON MITRAL VALVE REPAIR FOR ISOLATED MITRAL REGURGITATION D.H. Lee , T.E. Jung, J.T. Kwon Yeungnam University Hospital, Daegu, South Korea	493
28	PREVALENCE AND HEMODYNAMIC SIGNIFICANCE OF MITRAL ANNULAR CALCIFICATION IN ELDERLY PATIENTS K.E. Williams , H.P. Chaliki, Mayo Clinic, Scottsdale, Arizona, USA	477
29	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	478
30	CHRONOBIOLOGICAL PATTERNS OF DIFFERENT TYPES OF ACUTE AORTIC DISSECTION; AN IRANIAN EXPERIENCE H. Namdar , K. Ghabili, M. Abbasnezhad, M. Mahmoudpour Madani Heart Hospital, Tabriz University of Medical Sciences, Tabriz, Iran	479
31	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 University of Miami/Jackson Memorial Hospital – Miami, FL, USA	480
32	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 University of Miami/Jackson Memorial Hospital – Miami, FL, USA	481

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

P506 VALVULAR HEART DISEASE / AORTIC DISEASE / SURGICAL AND TRANSCATHETER INTERVENTIONS

Board No.

Abstract No.

- 33 RHEUMATIC MITRAL STENOSIS IN A PATIENT WITH LEFT LUNG
AGENESIS AND PERCUTANEOUS BALLOON MITRAL VALVOTOMY
AS A CHOICE 482
V.C. Borra, S.T. Sadagopan, V. Bala Krishnan, R. Sharma, L.S. Borra
Sri Ramachandra University, Chennai, Tamilnadu, India

P507 SURGERY FOR LV DYSFUNCTION / CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT

- 34 NOREPINEPHRINE VS. DOPAMINE PRETREATMENT OF POTENTIAL
HEART DONORS - IMPACT ON LONG-TERM OUTCOME 483
F. von Ziegler, S. Helbig, N. Kreissl, B.N. Meiser, A. Becker, I. Kaczmarek
University of Munich, Grosshadern Campus, Munich, Germany
- 35 PERIOPERATIVE INTRA-AORTIC BALLOON PUMP AND
ASSOCIATION WITH IN-HOSPITAL 30-DAY MORTALITY AFTER
CORONARY ARTERY BYPASS GRAFT SURGERY 484
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
- 36 EXPLORATION OF THE HEART AREAS BY TC-99M MIBI
SCINTIGRAPHY AFTER INTRACORONARY INFUSION OF
AUTOLOGOUS CD133+ CELLS IN PATIENTS WITH MYOCARDIAL
INFARCTION 485
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

P508 CARDIOVASCULAR QUALITY IMPROVEMENT AND OUTCOMES

- 37 VALUE OF ROUTINE TRANSTHORACIC ECHOCARDIOGRAPHY IN
RISK STRATIFICATION OF SYNCOPE 486
Y.R. Acharya, L.H. Chebrolu, J. Stoltzfus, J. Shirani
St Luke's University Health Network, Bethlehem, PA, USA
- 38 THE UTILIZATION OF THE "ROSE RULE" IN IDENTIFYING HIGH
RISK SYNCOPE PATIENTS 487
A.A. Isbitan, Y. Alnahr, H. Habib, V. Debari, F. Shamoan, M. Romero
Seton Hall University, NJ, USA
- 39 VALUE OF POINT-OF-CARE ECHOCARDIOGRAPHY USING A
POCKET-SIZED DEVICE IN A COMMUNITY CLINIC 488
L.H. Chebrolu, Y.R. Acharya, J. Shirani
St Luke's University Hospital, Bethlehem, PA, USA
- 40 EFFECT OF YOGA ON HEART RATE VARIABILITY- CLINICAL
IMPLICATIONS IN CARDIOVASCULAR DISEASES 489
M. Murugesan
University of Virginia Health System, Charlottesville, Virginia, USA

MONDAY, JULY 29, 2013

08:00 – 13:00

Poster Hall

**P508 CARDIOVASCULAR QUALITY IMPROVEMENT AND OUTCOMES
(continued)**

Board No.		Abstract No.
41	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	490
42	APPLICATION OF A SUSTAINABLE PATIENT AND STAFF ENGAGEMENT METHOD IN TRANSLATIONAL RESEARCH F. Khoshkhou , R.H. Boone St Paul's Hospital, University of British Columbia, Vancouver, Canada	491
43	TO ANTICOAGULATE OR TO NOT ANTICOAGULATE- THAT IS THE QUESTION E. Leung , K. W. Murdock, R.W. Lustig, H.G. Wilt University of Missouri- Kansas City, Kansas City, Missouri, USA	492



