



INTERNATIONAL ACADEMY OF CARDIOLOGY
17th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, , JULY 27 – 30, 2012

**SCIENTIFIC
PROGRAM**

Saturday, July 28, 2012

S
C
I
E
N
T
I
F
I
C
P
R
O
G
R
A
M

SATURDAY, JULY 28, 2012

09:00 – 10:15

Hall A

OC: OPENING CEREMONY

Chair: **Jeffrey S. Borer**, USA

GREETINGS

Asher Kimchi, USA

Founder and Chairman
International Academy of Cardiology

Jeffrey S. Borer, USA

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

John A. Eleftheriades, USA

Member, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
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

Nathan D. Wong, USA

Member, Scientific Executive Committee
Chairman, Section of Preventive Cardiology
International Academy of Cardiology

Michael E. Farkouh, Canada

Member, Scientific Executive Committee
International Academy of Cardiology

PRESENTATION OF 2012 AWARDS

Jeffrey S. Borer, USA

John A. Eleftheriades, USA

SATURDAY, JULY 28, 2012

09:40 – 10:15 Hall A

OL: OPENING LECTURE – SIXTH H.J.C. SWAN MEMORIAL LECTURE

Chair: **J.L. Mehta**, Little Rock, AR, USA

Abstract No.

- 09:40 INTRODUCTION
J.L. Mehta, Little Rock, AR, USA
- 09:45 PERIPARTUM CARDIOMYOPATHY: NEW CONCEPTS IN
PATHOPHYSIOLOGY AND MANAGEMENT (Opening Lecture) 081
U. Elkayam, University of Southern California, Keck School of Medicine,
Los Angeles, CA, USA
- 10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15 Hall A

PL01 Plenary Session
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

Chairs: **K. Maiese**, Newark, NJ, USA
M.A. Rossi, Ribeirao Preto, Sao Paulo, Brazil

- 10:45 CELL LONGEVITY PATHWAYS GOVERN VASCULAR AND
INFLAMMATORY RESPONSES TO OXIDANT STRESS 001
(Invited Lecture)
K. Maiese, New Jersey Medical School, Newark, NJ, USA
- 11:00 CALPAIN-MEDIATED DYSTROPHIN DISRUPTION MAY BE A POTENTIAL
STRUCTURAL CULPRIT BEHIND CHRONIC DOXORUBICIN-INDUCED
CARDIOMYOPATHY (Invited Lecture) 002
M.A. Rossi, University of Sao Paulo, Sao Paulo, Brazil
- 11:15 STEM CELLS AND VASCULAR DISEASE (Invited Lecture) 003
Q. Xu, Kings College London, UK
- 11:30 THE EFFECTS OF RISK FACTORS ON ENDOTHELIAL PROGENITOR
CELLS IN CARDIOVASCULAR DISEASES (Invited Lecture) 004
S-J. Lin, National Yang-Ming University and Taipei Veterans General Hospital,
Taipei, Taiwan
- 11:45 THE CONUNDRUM OF MYOCARDIAL REGENERATION (Invited Lecture) 005
W. Mohl, Medizinische Universität Wien, Vienna, Austria
- 12:00 CO-ORDINATED AUTOPHAGY WITH RESVERATROL AND -TOCOTRIENOL
CONFERS SYNERGETIC CARDIOPROTECTION (Invited Lecture) 006
D.K. Das, University of Connecticut School of Medicine, Farmington, CT, USA

SATURDAY, JULY 28, 2012

PL01	Plenary Session		
	MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE (cont)		
			Abstract No.
12:15	MYOCARDIN ACTIVITY IS REGULATED BY PROTEASOMAL DEGRADATION (Invited Lecture) X-L. Zheng , The University of Calgary, AL, Canada		007
12:30	HIV-1 INFECTION IS ASSOCIATED WITH IMPAIRED ENDOTHELIAL PROGENITOR CELL FUNCTION K.J. Diehl , O.J. MacEaney, J.J. Greiner, B.L. Stauffer, E. Connick, C.A. DeSouza University of Colorado, Boulder, CO, USA		008
12:45	GINSENOSE RE ENHANCES THE SURVIVAL OF H9C2 CARDIAC MUSCLE CELLS THROUGH REGULATION OF AUTOPHAGY Z-L. Zhang, Y. Fan, M-L. Liu Peking University First Hospital, Beijing, China		009
13:00	CARDIAC SPECIFIC OVER-EXPRESSION OF MEMBRANE-ASSOCIATED HUMAN STEM CELL FACTOR IMPROVES CARDIAC FUNCTION IN DIABETIC MICE F-L. Xiang , Y. Liu, X.R. Lu, M.R. Liu, Q.P. Feng Western University, and Lawson Health Research Institute, London, ON, Canada		010
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION		

10:45 – 13:15

Hall B

PL02	Plenary Session		
	CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION		
	Chairs: S.F. Nagueh , Houston, TX, USA N.C. Nanda , Birmingham, AL, USA		
10:45	PROGRESS IN ECHOCARDIOGRAPHY (Invited Lecture) N.C. Nanda , University of Alabama at Birmingham, Birmingham, AL, USA		011
11:00	VALVULAR HEART DISEASE: CAN MRI TRUMP THE ECHOCARDIOGRAM? (Invited Lecture) R.W.W. Biederman , University Allegheny General Hospital, Pittsburgh, PA, USA		012
11:15	NOVEL ECHOCARDIOGRAPHIC INDICES OF LEFT VENTRICULAR DIASTOLIC FUNCTION (Invited Lecture) S.F. Nagueh , Methodist DeBakey Heart and Vascular Center, Houston, TX, USA		013
11:30	EVALUATION OF CHEST PAIN IN THE EMERGENCY DEPARTMENT: A PATIENT-CENTERED IMAGING APPROACH (Invited Lecture) J.J. Mahmarian , Methodist DeBakey Heart and Vascular Center, Houston, TX, USA		014

SATURDAY, JULY 28, 2012

PL02	Plenary Session	
	CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION (cont)	
		Abstract No.
11:45	USEFULNESS OF OPTICAL COHERENCE TOMOGRAPHY IN CLINICAL PRACTICE IN PATIENTS WITH CORONARY ARTERY DISEASE (Invited Lecture) T. Akasaka , Wakayama Medical University, Japan	015
12:00	REVIEW OF MOVAHED'S SIGN (D SHAPED LEFT VENTRICLE SEEN ON GATED SPECT) SUGGESTIVE OF RIGHT VENTRICULAR OVERLOAD (Invited Lecture) M-R. Movahed , University of Arizona Sarver Heart Center, Tucson, AZ, USA	016
12:15	STRESS ECHOCARDIOGRAPHY: DIAGNOSIS, PROGNOSIS AND RECENT ADVANCES (Invited Lecture) A. Elhendy , Marshfield, WI, USA	017
12:30	VULNERABLE PLAQUE AND VULNERABLE PATIENT: INSIGHTS FROM IVUS AND OCT (Invited Lecture) H. Okura , Kawasaki Medical School, Kurashiki, Japan	018
12:45	DIAGNOSTIC ACCURACY OF EXERCISE ECHOCARDIOGRAPHY (Invited Lecture) M. Prokudina , Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia	019
13:00	CARDIAC MAGNETIC RESSONANCE IMAGING IN PERIPARTUM CARDIOMYOPATHY N.P. Arora , N. Mahajan, R. Danrad, A. Kottam, T. Li, T. Mohamad, L.C. Afonso Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA	020
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	
<hr/> 10:45 – 13:15		Hall C

S21	Session	
	VALVULAR HEART DISEASE, DISEASES OF THE THORACIC AORTA, CONGENITAL HEART DISEASE, PEDIATRIC CARDIOLOGY	
	Chairs: N.E. Bowles , Salt Lake City, UT, USA N.M. Rajamannan , Rochester, MN, USA	
10:45	IDENTIFYING THE MOST COST EFFECTIVE METHOD OF RISK ASSESSING ASYMPTOMATIC WOLFF-PARKINSON-WHITE PATIENTS C.S. Snyder , P.E. Thomas, J. Steinberg Rainbow Babies and Children's Hospital, Cleveland, OH, USA	021

SATURDAY, JULY 28, 2012

S21	Session	Abstract No.
11:00	UNPREDICTABLE "DE NOVO" ATRIAL FIBRILLATION OCCURRENCE AFTER MITRAL VALVE REPAIR VS REPLACEMENT G. Peretto , A. Durante, N. Cristell, C. Meloni, A. Laricchia, M. Spartera, F. Ancona, S. Benussi, O. Alfieri, D. Cianflone Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy	022
11:15	HEART VALVE TISSUE REGENERATION WITH EXTRACELLULAR MATRIX BIO-SCAFFOLD: A NEW SURGICAL TECHNIQUE W.D. Boyd , J.N. Young, J. Sullivan, H.K. Bhullar, S. Mayberg, S. Kim, W.J. Bommer University of California, Davis, Sacramento, CA, USA	023
11:30	INTRACARDIAC CAVOPULMONARY CONNECTION IN PATIENTS WITH UNIVENTRICULAR HEART USING INTRA-ATRIAL LATERAL TUNNEL AND INTRA-ATRIAL CONDUIT TECHNIQUES M.A. Maluf Cardiovascular Division, Universidade Federal de São Paulo, São Paulo, Brazil	024
11:45	LONG TERM FOLLOW-UP OF TRANSCATHETER DEVICE CLOSURE OF PM-VSD M.S. Alhabdan , A.N. Alomrani College of Medicine, Al-Imam University, Riyadh, Saudi Arabia	025
12:00	PECULIARITIES OF CONGENITAL HEART DISEASES IN ADULTS Y. Pya, S. Alimbaev, M. Freund, M. Aripov, S. Kadirova , R. Murzabaeva National Research Cardiac Surgery Center, Astana, Kazakhstan	026
12:15	INSIGHTS INTO THE AORTIC WALL J.A. Elefteriades , Yale University School of Medicine, New Haven, CT, USA	027
12:30	BRAIN NATRIURETIC PEPTIDE AS A PREDICTOR OF VOLUME-OVERLOAD IN CHILDREN WITH SHUNT LESION I.A. Saad , T.S. Ibrahim, Cairo University, Egypt	028
12:45	THROMBOSIS FOLLOWING CLOSURE OF LARGE DISTAL CORONARY ARTERY FISTULA - TO CLOSE OR NOT CLOSE LARGE DISTAL CAF? S.G. Gowda , T.F. Forbes, H.S. Singh, L.L. Latson, L.P. Prieto, D.T. Turner The Children's Hospital of Michigan, MI, USA	029
13:00	THE OUTCOME OF TRANSCATHETER PATENT DUCTUS ARTERIOSUS CLOSURE IN PATIENTS WEIGHING \leq 8kg Y. Alheraish , A. Alomrani, M. Aljoufan King Faisal Specialist Hospital and Research Center, Heart Institute, Riyadh, Saudi Arabia	030
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 28, 2012

10:45 – 13:30

Hall D

S22

Session

METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

Chairs: **U. Forstermann**, Mainz, Germany
F. Gao, Xi'an, China

Abstract No.

- | | | |
|-------|--|-----|
| 10:45 | DIMINISHED ENDOTHELIAL FIBRINOLYTIC CAPACITY IN ADULTS WITH IMPAIRED FASTING GLUCOSE
K.J. Diehl , B.R. Weil, D.L. Templeton, J.J. Greiner, B.L. Stauffer, C.A. DeSouza, University of Colorado, Boulder, CO, USA | 031 |
| 11:00 | ASSOCIATION OF GLYCATED HEMOGLOBIN WITH LONG-TERM ADVERSE CARDIAC EVENTS AFTER PERCUTANEOUS CORONARY INTERVENTION IN NON DIABETES PATIENTS (WITH CORONARY ARTERY DISEASE): AN OBSERVATIONAL STUDY FROM THE KOREAN COACT REGISTRY
J-H. Jang , S.H. Her, M.W. Park, C.J. Kim, J.B. Kwon
Daejeon St. Mary's Hospital, Daejeon, South Korea | 032 |
| 11:15 | PROGNOSTIC IMPACT OF DIABETES MELLITUS ON A WELL-DEFINED MULTI-ETHNIC ASIAN CLINICAL HEART FAILURE POPULATION: A ONE-YEAR FOLLOW-UP FOR A THREE-YEAR COHORT
S.C. Chai , Y. Cao, P.P. Goh, G. Leong
Changi General Hospital, Singapore | 033 |
| 11:30 | THE INFLUENCE OF DIABETES ON CARDIOVASCULAR OUTCOMES IN ACUTE HEART FAILURE PATIENTS IN SINGAPORE
Y.Y. Go , N. Shanmugam, L.L. Sim, S.Y. Chia, F.R. Jaufeerally, D. Sim, B. Kwok, F. Gao, R. Liew
National Heart Center Singapore, Singapore | 034 |
| 11:45 | CD36 PROMOTES ADIPOCYTE DIFFERENTIATION AND ADIPOGENESIS
R.H. Lijnen , V. Christiaens, I. Scroyen
Center for Molecular and Vascular Biology, KU Leuven, Leuven, Belgium | 035 |
| 12:00 | ASPIRIN RESISTANCE IN WELL CONTROLLED TYPE II DIABETES MELLITUS
S. Khosropanah , A. Shadmehr
Shiraz University of Medical Sciences, Shiraz, Iran | 036 |
| 12:15 | INDRISK: A TYPE 2 DIABETES SCREENING TOOL FOR PRIMARY HEALTH CARE PROVIDERS IN RURAL INDIA
T. Sathish , S. Kannan, P.S. Sarma, K.R. Thankappan
Monash University, VIC., Australia | 037 |
| 12:30 | PHARMACOLOGICAL STUDIES ON THUNBERGIA ALATA BOJER EX SIMS: A PLANT ALONG WITH THE NUMEROUS POTENCIES
M.A.H. Mollik
Practical Academy on Wise Education and Research Foundation, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, PA, USA | 038 |

SATURDAY, JULY 28, 2012

S22 METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS (cont)

		Abstract No.
12:45	RANDOMIZED 30-DAYS TRIAL WITH GRANULATED GYMNEMA GREEN TEA TO REDUCE BLOOD SUGAR A.K.M. Alamgir St Michael's Hospital, Toronto, ON, Canada	039
13:00	BODY SURFACE AREA-INDEXED LEFT ATRIAL VOLUME PARADOX AFTER SURGICAL TREATMENT FOR MORBID OBESITY G.H. Yao, L. Navaravong, J. Abboud, J. D'Amours, A. King, L. Jiang Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA	040
13:15	PARENTAL PERCEPTION OF CHILDHOOD OBESITY AND POTENTIAL DETERMINANTS IN THE UNITED ARAB EMIRATES A. Abdulle , A. Aljunaibi, N. Nagelkerke Faculty of Medicine, UAE University, Al-Ain, UAE	041
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 28, 2012

08:00 – 13:00

Poster Hall

P101 **Poster Session**
INTERVENTIONAL CARDIOLOGY I

Board No		Abstract No.
1	ACUTE VERSUS CHRONIC CORONARY DISEASE OUTCOMES IN OCTOGENARIANS WITH CHRONIC KIDNEY DISEASE D. Bhatt , G. Trivedi, M.U. Saqlain, M. Gibb, S. Mehta, P. Kansara University of Illinois College of Medicine, Urbana-Champaign, IL, USA	042
2	IMPACT OF STENT LENGTH ON NEOINTIMAL HYPERPLASIA AFTER RESOLUTE ZOTAROLIMUS ELUTING STENT IMPLANTATION R. Yamada , T. Kume, K. Waseda, P.G. Yock, I.T. Meredith, M.B. Leon, L. Mauri, A.C. Yeung, P.J. Fitzgerald, Y. Honda Stanford University Medical Center, CA, USA	043
3	SAPHENOUS VEIN GRAFT PCI VIA RADIAL ARTERY ACCESS: SAFE AND EFFECTIVE WITH REDUCED HOSPITAL LENGTH OF STAY S.S. Bundhoo , P. Freeman, V. Kunadian, S. Vijayan, R. Edwards, T.D. Kinnaird, A. Zaman, R.A. Anderson	044
4	IN-HOSPITAL MORTALITY OF OBESE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION HAS BEEN DECLINING FROM 1994 TO 2006 M-R. Movahed , M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, Tucson, AZ, USA	045
5	COMPARISON OF BASELINE CHARACTERISTICS AND OUTCOMES BETWEEN EARLY AND LATE STAGED PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE CORONARY SYNDROME N. Balasubramaniam, W.S. Aronow, C. Palaniswamy, H.M. Lai, J. Doshi, L.J. Cuomo, S. Khera , S. Sule, S.J. Peterson New York Medical College, Valhalla, NY, USA	046
6	TECHNIQUE AND PROCEDURAL OUTCOME OF PERCUTANEOUS CORONARY INTERVENTION FOR CHRONIC TOTAL OCCLUSION S Sehli, T. Nantsupawat , A Velasco, N Nantsupawat, A Kumar Texas Tech University Health Sciences Center, Lubbock, TX, USA	047
7	BRACHYTHERAPY FOR IN-STENT RESTENOSIS: OUTCOMES AT 90 DAYS G.N. Srinivas , A. Singh, B. Kaplan, B.M. Arkonac, D. Jauhar, S. Singal, R. Jauhar Long Island Jewish Medical Center New Hyde Park, NY, USA	048

SATURDAY, JULY 28, 2012

08:00 – 13:00

Poster Hall

P102 **Poster Session**
CARDIOMYOPATHIES: VARIOUS ETIOLOGIES

Board No		Abstract No.
8	FEATURES OF PRIMARY DILATED CARDIOMYOPATHY AMONG EGYPTIAN HEART FAILURE PATIENTS B.S. Ibrahim , R.N. Hanna, M. Aboelenein, R.H. Aziz, M. Abdelhady, M. Fahmy, M. Ali National Heart Institute, Cairo, Egypt	049
9	UNRECOGNIZED ISOLATED LEFT VENTRICULAR NONCOMPACTION PRESENTING AS STROKE IN A YOUNG WOMAN G.A. Baquero, D.J. Colegrove, J.E. Banchs Penn State College of Medicine, Hershey, PA, USA	050
10	PERIPARTUM HEART FAILURE WITH NORMAL EJECTION FRACTION: A NOVEL ENTITY IN THE SPECTRUM OF PERIPARTUM CARDIOMYOPATHY N.P. Arora , N. Mahajan, K. Ballapuram, A. Kottam, M. Toosi, L.C. Afonso Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA	051
11	CLINICAL CHARACTERISTICS OF PERIPARTUM CARDIOMYOPATHY IN EGYPTIAN WOMEN: A REPORT OF 10 PATIENTS B.S. Ibrahim , R.N. Hanna, M. AboEleinen National Heart Institute, Cairo, Egypt	052

P103 **Poster Session**
CONSTRICTIVE PERICARDITIS

12	OCTOPUS BEYOND CORONARY ARTERY BYPASS SURGERY S.K. Singh , V. Tewarson, A. Kumar, T. Goyal, D. Kaushal, S. Kumar, V. Devenraj, N. Rajput, S. Kumar CSM Medical University, Lucknow, India	053
13	SIGNIFICANT CORONARY FLOW IMPAIRMENT SECONDARY TO EFFUSIVE CONSTRICTIVE PERICARDITIS A.R. AL Emam, W.I. Khalife , G. Abu Said, M. Morsy University of Texas Medical Branch, Galveston, TX, USA	054

SATURDAY, JULY 28, 2012

08:00 – 13:00

Poster Hall

P104 **Poster Session**
ECHOCARDIOGRAPHY

Board No		Abstract No.
14	IS ECHOCARDIOGRAPHY RELIABLE IN EVALUATING THE ASCENDING AORTA COMPARED TO COMPUTED TOMOGRAPHY IN PATIENTS WITH BICUSPID AORTIC VALVE? A. Raizada, M.Q. Najib, J. Ganji, M. Kumar , H.P. Chaliki May Clinic, Scottsdale, AZ, USA	055
15	PREDICTION OF RECURRENT VENTRICULAR ARRHYTHMIAS AFTER MYOCARDIAL INFARCTION BY SPECKLE TRACKING ECHOCARDIOGRAPHY B.L. Nguyen , L. Capotosto, G. D'Alessandro, A. Rafique, E.S. Gang, F. Barilla, R.J. Siegel, A. Vitarelli, Sapienza University, Rome, Italy	056
16	CLINICALLY UNRECOGNIZED MITRAL REGURGITATION IS PREVALENT IN LONE ATRIAL FIBRILLATION AND MAY BE ETIOLOGICALLY RELATED TO DEVELOPMENT OF LONE ATRIAL FIBRILLATION S. Sharma, S. Singh , R. Sandhu, N. Bhambi, R. Sharma, B.K. Bhambi Bakersfield Heart Hospital, Bakersfield, CA, USA	057
17	MOVING BEYOND THE ABSTRACT: OBJECTIVE DETERMINANTS OF RIGHT HEART FAILURE M.M. Ahmed, J. Petersen, A. Szady, J.M. Aranda Jr. , R. Schofield UF College of Medicine, University of Florida, Gainesville, FL, USA	058
18	COMPARISON OF CARDIAC OUTPUT DETERMINED BY THERMODILUTION, THE FICK METHOD, AND TRANSTHORACIC ECHOCARDIOGRAPHY A.A. Khanfar, W.I. Khalife, M. Morsy, P. Nalabothu, R. Merla, H.K. Kuo, M. Aldeiri , University of Texas Medical Branch, Galveston, TX, USA	059
19	ASSESSMENT OF RIGHT ATRIAL FUNCTION COMPARED TO INTERATRIAL SEPTUM AND LEFT ATRIUM: A DOPPLER MYOCARDIAL IMAGING STUDY IN HEALTHY SUBJECTS Z. Ojaghi-Haghighi , A. Alizadehasl, M. Maleki, N. Naderi, M. Esmailzadeh, F. Noohi, H. Moladoust, H. Bakhshandeh, P. Nakhostin Davari, R. Azarfarin Tehran University of Medical Sciences, Tehran, Iran	060
20	ECHOCARDIOGRAPHIC EVALUATION OF PATIENTS WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION BEFORE AND AFTER PULMONARY ARTERY ENDARTERECTOMY M. Shojaeifard, G.H. Omrani, M. Esmailzadeh , H. Bakhshandeh Abkenar Tehran University of Medical Sciences, Tehran, Iran	061
21	EFFECT OF ECHO CONTRAST ON WALL THICKNESS MEASUREMENTS: COMPARISON WITH MRI R. Bhardwaj, P. Sharma, T. Kazmi, J. Roy , A.P. Morise, G. Hobbs, A.C. Jain, C.F. Failing, West Virginia University, Morgantown, WV, USA	062
22	ECHOCARDIOGRAPHIC FINDINGS IN PULMONARY EMBOLISM R. Cohen , P. Loarte, V. Navarro, B. Mirror Woodhull Medical Center, NYU School of Medicine. Brooklyn, NY, USA	063

SATURDAY, JULY 28, 2012

08:00 – 13:00

Poster Hall

P105 **Poster Session**
CAD: PROGNOSIS, RISK STRATIFICATION

Board No		Abstract No.
23	EVALUATION OF A NOVEL ALGORITHM FOR CARDIAC RISK ASSESSMENT IN PATIENTS REFERRED FOR KIDNEY TRANSPLANT K.K. Mogali , J.R. Vilaro, M.M. Ahmed, M.C. Karam Demori, J.M. Aranda, Jr. University of Florida College of Medicine, Gainesville, FL, USA	064
24	CARDIOMETABOLIC RISK FACTORS, REVEALED IN HEALTH CENTERS, AND PROLONGATION OF QT-INTERVAL M.V. Avdeeva , A.B. Shapovalova, L.V. Shcheglova St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia	065
25	SERIAL MEASUREMENTS OF TROPONIN AFTER AN ACUTE CORONARY SYNDROME E.M. Macin , M. Onocko, M. Arevalo, R. Zoni, E.R. Perna, L. Reyes, J.M. Lange, B. Gonzalez Arjol, L. Peña, M. Brizuela Instituto de Cardiologia JFCabral, Corrientes, Argentina	066
26	THE RELATIONSHIPS BETWEEN SELF-RATED HEALTH AND SERUM LIPIDS ACROSS TIME A. Shirom, S. Toker, S. Melamed, I. Shapira Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel	067
27	ATRIAL FIBRILLATION AND MYOCARDIAL INFARCTION: A COMMON FINDING? E.M. Macin , R. Zoni, M. Onocko, M. Arevalo, C. Burgos, S. Popilosky, E.R. Perna, F. Echeverria Instituto de Cardiologia JFCabral, Corrientes, Argentina	068
28	ASSESSING THE ROLE OF HOMOCYSTEIN IN NUMBER AND SEVERITY OF CORONARY ARTERY DISEASE (CAD), IN PATIENTS WITH AND WITHOUT MAJOR CORONARY RISK FACTORS THAT UNDERWENT ELECTIVE CORONARY ANGIOGRAPHY M. Sadeghi, B. Elahi Rajayi Heart Center, Tehran, Iran	069

SATURDAY, JULY 28, 2012

08:00 – 13:00

Poster Hall

P106 Poster Session

SYSTEMIC HYPERTENSION: BASIC AND CLINICAL

Board No		Abstract No.
29	PRE-DIABETES IN HYPERTENSIVE PATIENTS WITH VITAMIN D DEFICIENCY N.K. Agarwal, S.K. Agarwal St. George's University, St. George's, Grenada, West Indies, Agarwal Health Center, East Orange, NJ, USA	070
30	ANTHROPOMETRIC MEASURES AS PREDICTORS OF PREHYPERTENSION IN ADOLESCENTS M. Bracho , C. Esis, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez, G. Calmon, Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela	071
31	12-WEEK TREATMENT WITH VALSARTAN ON CENTRAL AORTIC SYSTOLIC PRESSURE MEASURED BY BPRO DEVICE IN HYPERTENSIVE ASIANS H.H. Teong , A. Chin, A.A. Sule, V. Chadachan, P. Handa, J.C. Tay Tan Tock Seng Hospital, Singapore	072
32	EFFECT OF PRIOR ANTI-HYPERTENSIVE USE ON MORTALITY IN PATIENTS WITH CARDIOGENIC SHOCK REQUIRING INTRAAORTIC BALLOON PUMP USAGE J.H.J. See , J. Chow, Changi General Hospital, Singapore	073
33	SUBCLINICAL DEPRESSION IN A HYPERTENSIVE POPULATION S.K. Agarwal , Agarwal Health Center, East Orange, NJ, USA	074
34	THE ASSOCIATION BETWEEN PHYSICAL ACTIVITY LEVELS AND BLOOD PRESSURE D. Wijesena , J. Liu, Brock University, ON, Canada	075
35	RENAL SYMPATHETIC DENERVATION: A SYSTEMATIC ANALYSIS S. Sontineni, O. Bansal , Creighton University, Omaha, NE, USA	076
36	PREVALENCE OF HYPERTENSION AND FACTORS ASSOCIATED AMONG HIGH SCHOOL STUDENTS IN ZAHEDAN, IRAN F. Khoshkhou , A. Arbabisarjou Islamic Azad University of Zahedan Branch, Zahedan, Iran	077
37	INVESTIGATIONS OF PLANTS USED FOR THE HYPERTENSION IN THE DAGANBHUIYAN UPAZILA WITHIN FENI DISTRICT OF BANGLADESH M.A.H. Mollik Peoples Integrated Alliance, Mirpur, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, PA, USA	078

SATURDAY, JULY 28, 2012

14:00 – 16:15

Hall A

PL03	Plenary Session NEW INSIGHTS INTO THE PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES	
	Chairs: K. Chatterjee , San Francisco, CA, USA N.S. Dhalla , Winnipeg, MB, Canada	Abstract No.
14:00	MECHANISMS OF CARDIAC DYSFUNCTION IN DIABETIC CARDIOMYOPATHY (Invited Lecture) N.S. Dhalla , St. Boniface Hospital Research Centre, Winnipeg, MB, Canada	079
14:15	ARE THERE DIFFERENCES IN PATHOPHYSIOLOGY AND VENTRICULAR REMODELING BETWEEN SYSTOLIC AND DIASTOLIC HEART FAILURE? (Invited Lecture) K. Chatterjee , Medicine University of Iowa, Medicine University of California San Francisco, CA, USA	080
14:30	PERIPARTUM CARDIOMYOPATHY: AN UPDATE ON CLINICAL PROFILE IN THE UNITES STATES U. Elkayam , University of Southern California, Keck School of Medicine, Los Angeles, CA, USA	
14:45	APTAMERS BIND AND NEUTRALIZE BETA1-RECEPTOR AUTOANTIBODIES: BASICS FOR A NEW TREATMENT OPTION IN CARDIOMYOPATHY (Invited Lecture) I. Schimke , Pathobiochemie and Medizinische Chemie Charite - Universitätsmedizin Berlin, Germany	082
15:00	CARDIOTOXICITY IN CANCER THERAPY (Invited Lecture) J. Liu , Memorial Sloan Kettering Cancer Center, New York, NY, USA	083
15:15	IRON-OVERLOAD CARDIOMYOPATHY: PATHOPHYSIOLOGY, DIAGNOSIS, AND TREATMENT (Invited Lecture) G.Y. Oudit , Mackenzie Health Sciences Centre Edmonton, Alberta, Canada	085
15:30	THE DEGRADATION SYSTEM IN CARDIOMYOCYTES (Invited Lecture) O. Yamaguchi , Osaka University Graduate School of Medicine, Japan	086
15:45	ALCOHOL SEPTAL ABLATION VS. SEPTAL MYECTOMY FOR HOCM: WHEN TO DO WHICH (Invited Lecture) M.A. Fifer , Massachusetts General Hospital, Boston, MA, USA	084
16:00	A SYSTEMATIC REVIEW FOR SUDDEN CARDIAC DEATH IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS WITH MYOCARDIAL FIBROSIS: A CMR LGE STUDY R.W.W. Biederman , N.J. Silva, A.T. Paladino, M. Doyle, S.T. Reddy, G. Rayarao, J. Yamrozik, R.B. Williams, D.A. Vido Gerald McGinnis Cardiovascular Institute, Allegheny General Hospital, Pittsburgh, PA, USA	087
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 28, 2012

14:00 – 16:30

Hall B

PL04 Plenary Session

**SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA
MANAGEMENT**

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

Abstract No.

- | | | |
|-------|--|-----|
| 14:00 | CARDIAC ARRHYTHMIAS IN THE ELDERLY-MANAGEMENT ISSUES
(Invited Lecture)
K.A. Adarsh , Govt. Medical College/G.N.D. Hospital, Amritsar, Punjab, India | 088 |
| 14:15 | NEW INSIGHTS INTO IDENTIFICATION OF PATIENTS AT RISK FOR
SUDDEN CARDIAC DEATH
(Invited Lecture)
M.E. Cain , University at Buffalo, Buffalo, NY, USA | 089 |
| 14:30 | IS CARDIAC RESYNCHRONIZATION THERAPY PROARRHYTHMIC?
(Invited Lecture)
A. Curtis , University of Buffalo, Buffalo, NY, USA | 090 |
| 14:45 | THE PREVALENCE AND PROGNOSTIC SIGNIFICANCE OF EARLY
REPOLARIZATION (J WAVE) IN BRUGADA SYNDROME (Invited Lecture)
M. Takagi , Osaka City University Graduate School of Medicine, Osaka, Japan | 091 |
| 15:00 | ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY:
DISEASE OF THE DESMOSOME WITH MULTIPLE CLINICAL PRESENTATIONS
(Invited Lecture)
F. Duru , University Hospital of Zurich, Switzerland | 092 |
| 15:15 | HEART FAILURE AND AICD'S: TIME TO GO BEYOND THE INITIAL SHOCK
(Invited Lecture)
J.M. Aranda Jr. , University of Florida College of Medicine, Gainesville, FL, USA | 093 |
| 15:30 | DIAGNOSTIC SIGNIFICANCE OF TC-99M-PYP RADIONUCLIDE
MYOCARDIAL SCINTIGRAPHY, EVALUATING POSSIBLE PRESENCE, SEVERITY OF
SARCOID CARDIOMYOPATHY AND SUDDEN CARDIAC
DEATH RISK PREVENTION IN 178 SYSTEMIC SARCOIDOSIS PATIENTS STUDIED
(Invited Lecture)
N.I. Angomachalelis , Aristotle University School of Medicine, Thessaloniki, Greece | 094 |
| 15:45 | BENEFIT OF AV- AND VV-DELAY OPTIMIZATION IN PATIENTS TREATED
WITH CARDIAC RESYNCHRONIZATION THERAPY: A META-ANALYSIS
D. Auger , U. Hoke, J.J. Bax, E. Boersma, V. Delgado
Centre Hospitalier de l'Universite de Montreal, Montreal, QC, Canada | 095 |
| 16:00 | THERAPEUTIC HYPOTHERMIA IS ASSOCIATED WITH A GOOD
NEUROLOGIC OUTCOME IN PATIENTS WHO SURVIVED AN IN-HOSPITAL
CARDIAC ARREST
S.U. Nair , T. Macatangay, J.B. Lundbye
Hartford Hospital, Hartford, CT, USA | 096 |

SATURDAY, JULY 28, 2012

PL04	Plenary Session SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT (cont.)	Abstract No.
16:15	CLINICAL VARIABLES ASSOCIATED WITH THE DEVELOPMENT OF ELECTRICAL STORM IN PATIENTS WITH CHAGAS' DISEASE AND AN ICD W.F. McIntyre , M. Valentino, A. Treggia W.M. Hopman, A. Baranchuk Kingston General Hospital, Queen's University, Kingston, ON, Canada	097
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	
14:00 – 16:15		Hall C
S23	Session SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION	
	Chairs: Y. Charuzi , Los Angeles, CA, USA C. Rosendorff , New York, NY, USA	
14:00	INDEPENDENT PREDICTORS OF MORTALITY, REHOSPITALIZATION, AND CARDIAC SYNCOPE IN THE ELDERLY: A RETROSPECTIVE STUDY S. Khera , W.S. Aronow, C. Palaniswamy, S. Sule, J.V. Doshi, S. Adapa, N. Balasubramaniyam, C. Ahn, S.J. Peterson, C. Nabors New York Medical College, Valhalla, NY, USA	098
14:15	FRAILITY IS INDEPENDENTLY ASSOCIATED WITH SHORT-TERM OUTCOMES FOR ELDERLY PATIENTS WITH NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION N.G. Ekerstad , E. Swahn, M. Janzon, J. Alfredsson, R. Lofmark, M. Lindenberger, P. Carlsson The Centre for Medical Technology Assessment/IMH, Linkoping University and Trollhattan-Vanersborg-Uddevalla, Sweden	099
14:30	MICROVASCULAR RETINOPATHY PREDICTS FUTURE CARDIAC EVENTS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE S.K. Chew , A. Hutchinson, D. Colville, J. Savige The Northern Hospital, Melbourne, VIC, Royal Melbourne Hospital, Melbourne, VIC, Australia	100
14:45	LIPID PROFILE IN 3 DIFFERENT ETHNIC GROUPS IN THE VERY ONSET OF ST SEGMENT ELEVATION MYOCARDIAL INFARCTION (STEMI) F. Ancona, M. Spartera, N. Cristell, A. Durante, A. Laricchia, G. Peretto , D. Hu, Uren Ng, A. Maseri, D. Cianflone Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy	101
15:00	ASSOCIATION BETWEEN PNEUMOCOCCAL VACCINATION AND MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION B. Kaseer, J. Chahin, R. Weyandt, M. Zahid , ExcelaHealth Cardiology, Greensburg, PA, USA, University of Pittsburgh, Pittsburgh, PA, USA	102

SATURDAY, JULY 28, 2012

S23	SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION (cont)	Abstract No.
15:15	APPLYING THE CADILLAC RISK SCORE IN ASIAN PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION WHO UNDERWENT PRIMARY PERCUTANEOUS CORONARY INTERVENTION B.W.M. Liew , J. Chow, S.H. Ong, C.H. Tan, P.P. Goh Changi General Hospital, Singapore	103
15:30	EFFECT OF XUEZHUKANG, AN EXTRACT FROM RED YEAST CHINESE RICE, ON CORONARY EVENTS IN A CHINESE POPULATION WITH PRIOR MYOCARDIAL INFARCTION Z. Lu, W. Kou, B. Du, Y. Wu, S. Zhao, D.M. Capuzzi Thomas Jefferson University, Philadelphia, PA, Lankenau Institute for Medical Research, Wynnewood, PA, USA	104
15:45	CIGARETTE SMOKING INCREASES ASPIRIN RESISTANCE IN STABLE ANGINA S. Khosropanah , A. Azad Shiraz University of Medical Sciences, Shiraz, Iran	105
16:00	BLOOD GLUCOSE LEVEL ON ADMISSION AS A SIMPLE PREDICTOR OF CORONARY OCCLUSION DEGREE IN ACUTE CORONARY SYNDROME C.K. Simanjuntak , F. Liwang, B. Aprilia, W.J. Iskandar, G. Lilihata, R. Kurniawan, F.C. Fredy, S.A. Nasution Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia	106
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 28, 2012

14:00 – 16:00

Hall D

S24 Session

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

Chairs: **M.E. Bowdish**, Los Angeles, CA, USA
W. Mohl, Vienna, Austria

Abstract No.

- | | | |
|-------|--|-----|
| 14:00 | CASE SERIES USING THE ROTAFLOW SYSTEM FOR TEMPORARY RIGHT VENTRICULAR ASSIST DEVICE FOLLOWING HEARTMATE II IMPLANTATION
A. Khani-Hanjani , G. Loor, M. Mountis, T. Chameogeorgakis, A. Shafii, M. Hanna, E. Soltesz, G.V. Gonzalez-Stawinski
Cleveland Clinic, Cleveland, OH, USA | 107 |
| 14:15 | COMBINED HEART AND LIVER TRANSPLANTATION – THE CLEVELAND CLINIC EXPERIENCE
A. Dave Nagpal , T. Chamogeorgakis, A.E. Shafii, M. Hanna, C.M. Miller, J. Fung, G.V. Gonzales-Stawinski, Cleveland Clinic, Cleveland, OH, USA | 108 |
| 14:30 | DEVELOPMENT OF SEVERE CHRONIC KIDNEY DISEASE AFTER ORTHOTOPIC HEART TRANSPLANTATION
H. Yerebakan, M. Ji, A. Kossar, S. Khalid , S. Jones, L. Soni, M. Argenziano, H. Takama, Y. Naka, F.H. Cheema
University of Connecticut Health Center, Farmington, CT, USA | 109 |
| 14:45 | SURGICAL TREATMENT OF MYOCARDIAL BRIDGING IN 46 PATIENTS
Q. Y. Wu, Z.H. Xu, H.Y. Li, B. Yuan, L. Wang
Heart Center, First Hospital of Tsinghua University, Beijing, China | 110 |
| 15:00 | SAFETY AND PREDISPOSITION FOR INFECTIONS AFTER DENTAL PROCEDURES IN MECHANICAL ASSIST DEVICES (LVADS) RECIPIENTS
K.C. McCants , J.B. McCants, P.S. Combs, P. Raheja, E. Birks, M.S. Slaughter
University of Louisville & Jewish Hospital, Louisville, KY, USA | 111 |
| 15:15 | INTRA-AORTIC BALLOON PUMP COUNTERPULSATION HAS NO EFFECT ON IN-HOSPITAL MORTALITY IN ACUTE CORONARY SYNDROMES COMPLICATED BY CARDIOGENIC SHOCK
C.N. Ionescu , P. ElAzoury, T.J. Donohue, A. Ghantous
Hospital of Saint Raphael, New Haven, CT, USA | 112 |
| 15:30 | CORRELATION BETWEEN HYPOMAGNESEMIA AND CORONARY VASCULOPATHY POST HEART TRANSPLANT
W.I. Khalife , M. Morsy, S. Garikipati, P. Nalabothu
University of Texas Medical Branch, Galveston, TX, USA | 113 |
| 15:45 | EXERCISE RESPONSE AFTER CARDIAC TRANSPLANTATION
E. Abiodun Oluwatosin
Renaissance Consultant, Lagos, Nigeria | 114 |
| 16:00 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

SATURDAY, JULY 28, 2012

16:45 – 19:15

Hall A

PL05 Plenary Session

A GLIMPSE TO THE FUTURE – GENETICS OF HEART DISEASE

Joint Session with the American College of Cardiology / California Chapter

Chairs: **K.N. Pandey**, New Orleans, LA, USA
R. Roberts, Ottawa, ON, Canada

Abstract No.

16:45	GENE DELIVERY TO REGULATE VASCULAR SMOOTH MUSCLE FUNCTION (Invited Lecture) J.D. Marsh , University of Arkansas for Medical Sciences, Little Rock, AR, USA	115
17:00	GENETICS OF CORONARY ARTERY DISEASE (Invited Lecture) R. Roberts , University of Ottawa Heart Institute, ON, Canada	116
17:15	NEW APPROACHES TO IDENTIFY THE GENETIC CAUSES OF CONGENITAL HEART DEFECTS (Invited Lecture) N.E. Bowles , S.B. Bleyl, M.F. Leppert, C.B. Arrington University of Utah School of Medicine, Eccles Institute of Human Genetics, Salt Lake City, UT, USA	117
17:30	MULTIDISCIPLINARY APPROACH TO GWAS FOR HEART FAILURE BASED ON THE VARIOUS ETIOLOGY AND ETHNICITY (Invited Lecture) T. Toyo-Oka , University of Tokyo, Japan	118
17:45	GENETIC-DISRUPTION OF <i>NPR1</i> LEADS TO CARDIAC HYPERTROPHY AND REMODELING: ROLE OF PRO-INFLAMMATORY CYTOKINES (Invited Lecture) K.N. Pandey , Tulane University Health Sciences Center, School of Medicine, New Orleans, LA, USA	119
18:00	CARDIOVASCULAR CONTRIBUTIONS TO NEUROLOGICAL DISEASE (Invited Lecture) Y. Li , College of Medicine University of Florida, Gainesville, FL, USA	120
18:15	GENETIC FACTORS INFLUENCING LEFT VENTRICULAR HYPERTROPHY (Invited Lecture) J.N. Bella , Bronx-Lebanon Hospital Center, Bronx, NY, USA	121
18:30	IMPACT OF BETA-ADRENERGIC RECEPTOR POLYMORPHISM ON NON-INVASIVE CAD TESTING (Invited Lecture) J. Shirani , St. Luke's Hospital and Health Network, Philadelphia, PA, USA	122
18:45	CRITICAL REGULATORY ROLES OF TGF β /BMP SIGNALING PATHWAYS DURING MYOCARDIAL WALL DEVELOPMENT (Invited Lecture) K. Jiao , C. Harmelink, The University of Alabama at Birmingham, AL, USA	123
19:00	IMPAIRED SIRT1 NUCLEOCYTOPLASMIC SHUTTLING IN THE SENESCENT HEART IN RESPONSE TO ISCHEMIC STRESS C. Tong, A. Morrison, S. Mattison, S. Qian, M. Bryniarski, B. Rankin, J. Wang, D. Thomas, J. Li SUNY at Buffalo, Buffalo, NY, USA	124

SATURDAY, JULY 28, 2012

16:45 – 19:00

Hall B

PL06 Plenary Session	
ADVANCES IN CARDIOVASCULAR SURGERY, CORONARY REVASCULARIZATION AND HEART TRANSPLANTATION	
Chairs: M.R. Johnson , Madison, WI, USA L.P. Perrault , Montreal, QC, Canada	
	Abstract No.
16:45	ANTIBODY MEDIATED REJECTION IN HEART TRANSPLANTATION – A CLINICIAN’S PERSPECTIVE (Invited Lecture) M.R. Johnson , University of Wisconsin, Madison, WI, USA 125
17:00	ROLE OF CMV IN CARDIAC ALLOGRAFT VASCULOPATHY (Invited Lecture) N. Nair , Texas A&M HSC College of Medicine, Temple, TX, USA 126
17:15	MANAGEMENT OF EARLY POSTOPERATIVE CORONARY BYPASS GRAFT FAILURE (Invited Lecture) L.P. Perrault , Montreal Heart Institute, Montreal, QC, Canada 127
17:30	DESIGN OF FUTURE REVASCULARIZATION EVALUATION IN PATIENTS WITH DIABETES MELLITUS: OPTIMAL MANAGEMENT OF MULTIVESSEL DISEASE (FREEDOM TRIAL) (Invited Lecture) M. Farkouh , University of Toronto, ON, Canada 128
17:45	OFF-PUMP CORONARY ARTERY BYPASS GRAFTING: THE MYTH, THE REALITY (Invited Lecture) S.G. Raja , Harefield Hospital, London, UK 129
18:00	DESTINATION THERAPY: BARRIERS TO IMPLEMENTATION AND ACCEPTANCE (Invited Lecture) M.E. Bowdish , Keck School of Medicine of USC, University of Southern California, Los Angeles, CA, USA 130
18:15	SURGICAL VENTRICULAR RESTORATION FOR DILATED ISCHEMIC CARDIOMYOPATHY IN THE ELDERLY C.L. Athanasuleas , G.D. Buckberg, The RESTORE Group, University of Alabama at Birmingham, AL, USA 131
18:30	OUTCOMES FOLLOWING PCI IN PATIENTS WITH PREVIOUS CABG: A MULTI CENTRE EXPERIENCE S.S. Bundhoo , M. Kalla, R. Anantharaman, K. Morris, A. Chase, D. Smith, R.A. Anderson, T.D. Kinnaird 132
18:45	4-YEAR OUTCOME ANALYSIS OF ENDOSCOPIC VEIN HARVESTING FOR CORONARY ARTERY BYPASS GRAFTING S.G. Raja , M. Navaratnarajah, M. Rochon, C.D. Ilsley, J.A. Gaer, M. Amrani, T.T. Bahrami Harefield Hospital, London, UK 133

SATURDAY, JULY 28, 2012

16:45 – 19:30

Hall C

S25

Session

ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT

Chairs: **A.L. Klatsky**, Oakland, CA, USA
R. Manfredini, Ferrara, Italy

Abstract No.

- | | | |
|-------|---|-----|
| 16:45 | HOW DO ANTHROPOMETRIC MEASUREMENTS AND GENDER RELATE TO RACIAL DIFFERENCES IN EPICARDIAL FAT THICKNESS?
S. Salami , M. Tucciarone, R. Bess, A. Kolluru, S. Szpunar, H. Rosman, G. Cohen
St. John Hospital and Medical Center, Detroit, MI, USA | 134 |
| 17:00 | DEVELOPMENTAL COORDINATION DISORDER, LEG LENGTH TO HEIGHT RATIO, AND CHILDHOOD OBESITY
K.A. Quattrini , J. Liu, B. Faught, J. Hay, J. Cairney
University of Saskatchewan College of Dentistry, Saskatoon, Saskatchewan, Canada | 135 |
| 17:15 | LIPID PROFILE IN A STUDENT POPULATION OF THE CITY OF CAMPINAS, BRAZIL
A. Avezum, A. Timerman, J.F.K. Saraiva , D.J.B. Saraiva, J.R.Z. Mendes
Sao Paulo State Cardiology Society, Brazil | 136 |
| 17:30 | PREVALENCE AND PREDICTORS OF CONCOMITANT CAROTID AND CORONARY ARTERY ATHEROSCLEROTIC DISEASE
A. Steinvil, B. Sadeh , A. Arbel, D. Justo, A. Belei, N. Borenstein, S. Bana, A. Halkin, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel | 137 |
| 17:45 | HIGHLY SENSITIVE C-REACTIVE PROTEIN AND VITAMIN D3 AS CARDIOVASCULAR RISK FACTORS IN CHILDREN
S.R. Bovet , P.M. Bovet, S.J. Hetzel, K. Olson, K.J. O'Connell, D.K. Murdock
Aspirus Wausau Hospital, Wausau, WI, USA | 138 |
| 18:00 | CORRELATION BETWEEN HDL CHOLESTEROL LEVEL AND SEVERITY OF CORONARY ARTERY DISEASE IN ASIAN PEOPLE
S-H. Kim , Y-J. Sung, H-L. Lee, G-J. Ahn, I-H. Chae, G-R. Han, M-S Hyon
Boramae Medical Center, Seoul National University College of Medicine, Korea | 139 |
| 18:15 | IMPACT OF HS-CRP & DYSLIPIDEMIA IN CHRONIC PERIODONTITIS AMONG CAD PATIENTS IN SOUTH INDIA
V. Kumar, S. Banu , C.N. Manjunath, V. Ranganath, R. Naik
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore, India | 140 |
| 18:30 | PREVALENCE OF EXCESS BODY WEIGHT IN A STUDENT POPULATION OF THE CITY OF CAMPINAS, BRAZIL
J.F.K. Saraiva , A. Timerman, D.J.B. Saraiva, A. Avezum, J.R.Z. Mendes
Sao Paulo State Cardiology Society, Brazil | 141 |
| 18:45 | HYPERLIPIDEMIA DOUBLES THE RISK OF MULTIVESSEL INVOLVEMENT IN PERIPHERAL ARTERIAL DISEASE DESPITE BEING ON STATINS
A. Alani , M. Hettiarachch, T. Mohamad, S.K. Zalawadiya, M. Shamiya, M.F. Alnahhas, E. Salem, M. Elder
Wayne State University, Detroit, MI, USA | 142 |

SATURDAY, JULY 28, 2012

S25	ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT (cont)	Abstract No.
19:00	PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN 1000 URBAN EGYPTIANS B.S. Ibrahim , H.S. Boulous National Heart Institute, Cairo, Cairo Kidney Center, Cairo, Egypt	143
19:15	SERUM CARDIOVASCULAR RISK FACTORS IN OBSTRUCTIVE SLEEP APNEA: A META-ANALYSIS R. Nadeem , R. Loomba, E.M. Madbouly, S. Aggarwal, M. Nida, M. Kumar, A. Fatima James A Lovell Federal Health Care Center, North Chicago, IL, and Rosalind Franklin University of Medicine and Science, Chicago Medical School, North Chicago, IL, USA	144

SATURDAY, JULY 28, 2012

13:30 – 18:30

Poster Hall

P201 Poster Session

PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE / ISCHEMIC STROKE

Board No		Abstract No.
1	COMPARISON OF ANGIOGRAPHIC FEATURES OF SUPERFICIAL FEMORAL ARTERY DISEASE IN DIABETICS AND NON-DIABETICS PRESENTING WITH LIFE-STYLE LIMITING CLAUDICATION A. Mohammad , G. Pershwitz, D. Tran, W. Warshauer, E. Brilakis, S. Banerjee Veterans Affairs North Texas Medical Center, Dallas, TX, USA	145
2	PREVALENCE OF CORONARY ARTERY DISEASE WITH BOTH CEREBRAL VASCULAR ACCIDENT & PERIPHERAL ARTERIAL DISEASE R. Alvi , N.C. Bhalodkar, J.N. Bella, C. McCaleb, M. Afshar Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA	146
3	THE OUTCOME OF DIFFERENT ENDOVASCULAR REVASCULARIZATION METHODS USED TO TREAT CRITICAL PERIPHERAL ARTERIAL DISEASE M.S. Hettiarachchi, A. Alani , T. Mohamad, C. Arsene, D.H. Rustom, H. Aurakzai, A. Kassier, M. Elder Wayne State University, Detroit, MI, USA	147
4	ANATOMIC ORIENTATION OF THE BRACHIOCEPHALIC VESSELS: ARCH R. Tayal , B. LeSar, V. Spektor, A. Garg, M. Cohen, N. Wasty Newark Beth Israel Medical Center, Newark, NJ, USA	148
5	MANAGEMENT OF COMBINED SEVERE CAROTID STENOSIS AND CORONARY ARTERY DISEASE IN THE SOUTHERN REGION POPULATION OF SAUDI ARABIA R.B. Birudugadda , H. Aliter, E. Hassan, R.E. Gallo, M. Al-Murayeh Armed Forces Hospital Southern Region, Khamis Mushayt, Saudi Arabia	149

SATURDAY, JULY 28, 2012

13:30 – 18:30

Poster Hall

P202 **Poster Session**
MEDICAL AND INTERVENTIONAL THERAPY FOR ATRIAL FIBRILLATION

Board No		Abstract No.
6	CIRCULATING HEAT SHOCK PROTEIN 70 AND ANTI-HEAT SHOCK PROTEIN 70 ANTIBODIES IN ATRIAL FIBRILLATION J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, H. Hindricks, V. Adams, D. Husser, A. Bollmann , Heart Center Leipzig, Germany	150
7	OUTCOMES OF DIRECT CURRENT CARADIOVERSION OF ATRIAL FIBRILLATION IN A MULTI-ETHNIC ASIAN POPULATION J.B. Ng , V.H. Tan Changi General Hospital, Singapore	151
8	RESPONSE OF HIGH-SENSITIVE C-REACTIVE PROTEIN TO CATHETER ABLATION OF ATRIAL FIBRILLATION AND ITS RELATION WITH RHYTHM OUTCOME J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, G. Hindricks, V. Adams, D. Husser , A. Bollmann Heart Center Leipzig, Germany	152
9	LEFT ATRIAL MIXOMA FOLLOWING TRANSCATHETER RADIOFREQUENCY ABLATION J. Rubio-Alvarez , B. Adrio, J. Sierra, L. Reija, J. Garcia-Carro University Hospital, Santiago de Compostela, Spain	153
10	IS QRS DURATION ASSOCIATED WITH ATRIAL FIBRILLATION IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION? M.S. Sidhu , A.M. Robert, J. Zipursky, J. Gigliotti, J.R. Brown, D.J. Malenka, M.L. Greenberg, A.T. Kono Dartmouth Hitchcock Medical Center, Lebanon, NH, USA	154
11	DIGOXIN IN A-FIB RVR: SLOW AND STEADY MAY WIN THE RACE IN SOME T. Mirza , D.S. Dabiesingh, E.F. Aziz St. Luke's-Roosevelt Hospital Center and Columbia University College of Physicians and Surgeons, New York, NY, USA	155
12	ATRIAL FIBRILLATION IS A CHRONIC INFLAMMATORY STATE: A SUPPORT TO THE THEORY U.N. Srivatsa , J. Rogers, UC Davis Medical Center, Sacramento, CA, USA	156
13	STROKE PREVENTION IN ATRIAL FIBRILLATION IN SAUDI (SPAF-SAUDI): A PHASE IV TRIAL N.A Alanazi , A.S. Hersi, KKHU, Riyadh, KSA	157
14	INCIDENCE AND PREDICTIVE FACTORS OF POSTOPERATIVE ATRIAL FIBRILLATION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING A. Gonzalez , J. Castellano, C. Esis, E. Silva, M. Bracho, J.J. Villasmil, G. Calmon, S. Briceno Instituto de Investigaciones en Enfermedades Cardiovasculares de La Universidad del Zulia, Maracaibo, Venezuela	158

SATURDAY, JULY 28, 2012

P203 **Poster Session** **CARDIAC PACING, DEFIBRILLATION AND RESYNCHRONIZATION THERAPY**

Board No		Abstract No.
15	SUPERIOR VENA CAVA (SVC) ECHOCARDIOGRAPHY AS A SCREENING TOOL TO PREDICT CARDIOVASCULAR IMPLANTABLE DEVICE (CIED) LEAD FIBROSIS S.J. Yakish , A. Narula, A. Kohut, R. Foley, S. Kutalek Drexel University College of Medicine, Philadelphia, PA, USA	159
16	ROLE OF GLOBAL 2D STRAIN IN PREDICTION OF VENTRICULAR ARRHYTHMIA IN PATIENTS WITH INTRACARDIAC DEFIBRILLATOR A. Sadeghpour, A. Shirafkan, M. Haghjoo, A. Azhari, B. Elahi Tehran University of Medical Science, Iran	160
17	FLUOROSCOPY GUIDED AXILLARY VEIN PUNCTURE AS A RELIABLE METHOD FOR PACEMAKER, DEFIBRILLATOR AND CRTD INSERTION M.S. Hettiarachchi , A. Faraj, S. Fares, A. Saulitis, M. Siddiqui Detroit Medical Center, Sinai-Grace Hospital, Wayne State University, Detroit, MI, USA	161
18	RATES OF INSIDE-OUT ABRASION LEADING TO LEAD EXTERNALIZATION AS DIAGNOSED BY STANDARD CHEST X-RAYS J. Raber, L. Wolf, J.S. Snow, J.J. Germano, S.P. Parekh Winthrop University Hospital, Garden City, NY, USA	162
19	CARDIAC RESYNCHRONIZATION THERAPY REDUCES VENTRICULAR HIGH RATE EPISODES BUT NOT ATRIAL ARRHYTHMIAS R. Somani , K.A. Michael, K. Stuart, K. Aldworth-Gaumond, H. Abdollah, C. Simpson, A. Baranchuk, D. Redfearn Queen's University, Kingston General Hospital, Kingston, ON, Canada	163
20	WILL ALTERNATE VECTORS YIELD ADDITIONAL INFORMATION WHEN MEASURING INTRATHORACIC IMPEDANCE R. Small , V. Sharma, Z. Song, D. Hettrick, L. Rathman, P. VanBuren The Heart Group of LGHealth, Lancaster, PA, USA	164
21	A NOVEL APPROACH TO LEFT VENTRICULAR LEAD PLACEMENT IN CRT-D C. Macias, M.B. West University of New Mexico, HSC, Albuquerque, NM, USA	165
22	GEOGRAPHIC VARIATIONS IN PATIENTS RECEIVING PERMANENT PACEMAKERS- DO INDIANS AGE EARLIER? U.N. Srivatsa , S. Sola, B. Barooah B. Hoppe, UC Davis, CA, USA	166
23	SINGLE SITE PERFORMANCE OF THE ST. JUDE RIATA 1581 LEAD: AN INCREASED FAILURE RATE S.S. McCearley, K.A. Ellenbogen, F.E. Fyke, D.B. Trussell, D.A. Wolfe, E.M. Quin, M.H. Roach, L.L. McNeil, S.M. Borganeli University of Mississippi, Jackson, MS, USA	167

SATURDAY, JULY 28, 2012

P204 **Poster Session** **ACUTE MYOCARDIAL INFARCTION: MEDICAL AND INTERVENTIONAL THERAPY**

Board No		Abstract No.
24	RADIAL VERSUS FEMORAL ARTERY ACCESS FOR PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS WITH ST SEGMENT ELEVATION MYOCARDIAL INFARCTION – A SINGLE CENTER EXPERIENCE A. Deshmukh, P. Turner, S. Kanuri, R. Gangi, O. Bansal , A. Smer, M. DelCore, C. Hunter, A. Mooss, D. Esterbrooks The Cardiac Center of Creighton University, Omaha, NE, USA	168
25	CORONARY STENT DIAMETER VARIABILITY AMONG ETHNIC GROUPS UNDERGOING REVASCULARIZATION FOR STEMI H. Heretis, E. Shlofmitz , M. Balek, C. Park, A.J. Buda New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA	169
26	ELEVATED LEFT VENTRICULAR END-DIASTOLIC PRESSURE DOES NOT PREDICT MORTALITY IN ACUTE MYOCARDIAL INFARCTION TREATED WITH PRIMARY ANGIOPLASTY AND OPTIMAL MEDICAL THERAPY J.D. Ascenzo , M. El-Hajjar, M. Torosoff Albany Medical College, Albany, NY, USA	170
27	FRAGMENTED QRS COMPLEX IN ACUTE ANTERIOR MYOCARDIAL INFARCTION AND CORONARY SINUS BLOOD FLOW: IS THERE ANY RELEVANCE? A. Alizadehasl, B. Mohebbi , M. Toufan, M. Esmailzadeh, A. Hosseinsabet, R. Azarfarin, Tehran University of Medical Sciences, Tehran, Iran	171
28	THE SAFETY AND EFFECTIVENES OF DOUBLE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM BLICKADE IN ACUTE MYOCARDIAL INFARCTION H.G. Hayrapetyan, F.H. Muradyan , Erebouni MC, Yerevan, Armenia	172
29	DECLINE IN THE IN-HOSPITAL MORTALITY OF TYPE 2 DIABETES PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION M-R. Movahed , M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, Tucson, AZ, USA	173
30	HOW IS RIGHT VENTRICULAR INVOLVEMENT RELATED WITH MORTALITY AND REHOSPITALIZATION RATES IN ACUTE INFERIOR MYOCARDIAL INFARCTION WITH ST SEGMENT ELEVATION? H.G. Hayrapetyan, K.G. Adamyan, F.H. Muradyan Erebouni MC, Yerevan, Armenia	174
31	EARLY PRESCRIPTION OF TIROFIBAN AND ANGIOGRAPHIC TIMI 3 FLOW OF PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION M. Mousavi , M. Salarifar, S.E. Kassaian, E. Nematipour, M. Alidousti, H. Poorhosseini, A. Hajzeinali, N. Yousefpour Sadatmahele, Y. Genab, A. Bozorgi Tehran University of Medical sciences, Tehran Heart Center, Tehran, Iran	175

SATURDAY, JULY 28, 2012

P205 **Poster Session** **EXERCISE PHYSIOLOGY**

Board No		Abstract No.
32	STUDY THE EFFECT OF EXERCISE ON SYSTOLIC PULMONARY ARTERY PRESSURE IN HEALTHY SUBJECTS F. Ahmadi, M. Seiedian, M. Nourizadeh, A. Lalvand, M. Hassan Adel Imam Hospital, Ahvaz, Iran	176
33	CORRELATION BETWEEN BODY MASS INDEX AND FUNCTIONAL CAPACITY IN PATIENTS WITH IMPAIRED RELAXATION W. Khalife, M. Morsy, P. Nalabothu , A. Khan, H. Van, S. Onguti, S. Hussein University of Texas Medical Branch (UTMB), Galveston, TX, USA	177
34	ASSESSMENT OF ENERGY EXPENDITURE DURING PILATES EXERCISES L.D.H. Gomes, M.C.C. Tenorio, A.M. Mendonca, C.K.C. Sa ActivePilates, EBMSP, Salvador, Bahia 3UEFS, Feira de Santana, Bahia, Brasil	178

P206 **Poster Session** **CAD: SECONDARY PREVENTION, CARDIAC REHAB**

35	THE EFFECT OF SECONDARY PREVENTION IN ACUTE CORONARY SYNDROME: A 3-YEAR FOLLOW-UP RESULT W.Z. Han, W. Fang , H. Chen, X.B. Qiu, X.M. Hou, S.F. Guan Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China	179
36	EFFECTS OF CARDIAC REHABILITATION AND EXERCISE TRAINING PROGRAMS ON BODY COMPOSITION IN CORONARY PATIENTS B. Moradi, M. Esmailzadeh , M. Maleki, M. Nalini, S.H. Jafari Tehran University of Medical Sciences, Tehran, Iran	180



INTERNATIONAL ACADEMY OF CARDIOLOGY
17th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, , JULY 27 – 30, 2012

**SCIENTIFIC
PROGRAM**

Sunday, July 29, 2012

S
C
I
E
N
T
I
F
I
C
P
R
O
G
R
A
M

SUNDAY, JULY 29, 2012

08:30 – 10:45

Hall A

PL07 Plenary Session

CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROME

Chairs: **J.H. Chesebro**, Worcester, MA, USA
U. Thadani, Oklahoma City, OK, USA

		Abstract No.
08:30	CAN VULNERABLE PLAQUE BE IDENTIFIED AND TREATED TO PREVENT FUTURE ADVERSE CV EVENTS? (Invited Lecture) J. Ambrose , UCSF, Fresno, CA, USA	181
08:45	WHAT IS CONSIDERED TO BE THE OPTIMAL TREATMENT FOR STABLE ANGINA IN THE YEAR 2012? (Invited Lecture) U. Thadani , University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA	182
09:00	EFFICIENT CHEST PAIN EVALUATION IN THE ED: ADDITIONAL VALUE OF HIGH SENSITIVITY TROPONIN (Invited Lecture) J.H. Chesebro , UMASS Memorial Medical School and Medical Center, Worcester, MA, USA	183
09:15	ROBOTIC ASSISTED PCI: RESULTS OF THE PRECISE TRIAL USING THE CORPATH, REMOTE DELIVERY SYSTEM (Invited Lecture) G.W. Vetovec , VCU Pauley Heart Center, Richmond, VA, USA	184
09:30	FILLING IN THE GAPS IN THE TREATMENT OF LEFT MAIN DISEASE (Invited Lecture) B. Uretsky , University of Arkansas, Little Rock, AR, USA	185
09:45	ATHEROSCLEROSIS AS A CAUSE OF VERY LATE STENT THROMBOSIS (Invited Lecture) Y. Ueda , Osaka Police Hospital, Tennoj-ku, Osaka, Japan	186
10:00	EMBOLIC PROTECTION IN STEMI: WHEN AND HOW? (Invited Lecture) E. Kaluski , NJ Medical School & University Hospital, Newark, NJ, USA	188
10:15	A NOVEL APPLICATION OF EXERCISE TREADMILL TESTING IN A CARDIOLOGY PRACTICE (Invited Lecture) Y. Charuzi , UCLA School of Medicine, Los Angeles, CA, USA	189
10:30	OUTCOMES OF ANTI-PLATELET THERAPY DIRECTED BY POST PCI PLATELET FUNCTION TESTING IN A REAL WORLD SETTING E. Asher , M. Mayuga, M. Bradley, P. Anarado, G. Stefano, D.I. Simon, T. Lassar Harrington Heart & Vascular Institute, Case Medical Center, University Hospitals, Cleveland, OH, USA	190
10:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2012

08:30 – 11:00

Hall B

PL08 Plenary Session

PLATELETS AND INFLAMMATION IN ISCHEMIC HEART DISEASE

Chairs: **L.C. Becker**, Baltimore, MD, USA
J.G. Filep, Montreal, QC, Canada

Abstract No.

08:30	C-REACTIVE PROTEIN AND CORONARY VASOMOTOR REGULATION (Invited Lecture) L. Kuo , Texas A&M Health Science Center, Temple, TX, USA	191
08:45	CIGARETTE SMOKE INDUCES FRACTALKINE-DEPENDENT MONONUCLEAR CELL ARREST TO THE ARTERIAL ENDOTHELIUM: POTENTIAL CONSEQUENCES IN COPD (Invited Lecture) M.J. Sanz , Universidad de Valencia, Spain	192
09:00	PLATELET FUNCTION AND CLINICAL ISCHEMIC OUTCOMES (Invited Lecture) L.C. Becker , Johns Hopkins University School of Medicine, Baltimore, MD, USA	193
09:15	C-REACTIVE PROTEIN-MEDIATED ENDOTHELIAL DYSFUNCTION AND ACUTE CORONARY ARTERY DISEASE (Invited Lecture) J.G. Filep , University of Montreal, QC, Canada	194
09:30	MEASUREMENT AND MANIPULATION OF LOX-1 LIGAND LEVEL TO PREDICT AND TO PREVENT CVD (Invited Lecture) T. Sawamura , National Cerebral and Cardiovascular Center, Osaka, Japan	195
09:45	CARBAMYLATION VERSUS OXIDATION OF LDL: COMPETITION, MECHANISMS AND ROLE IN CARDIOVASCULAR DISEASE (Invited Lecture) A.G. Basnakian , University of Arkansas for Medical Sciences, Little Rock, AR, USA	196
10:00	SMALL INTESTINE APPEARS TO PLAY A MAJOR ROLE IN SYSTEMIC INFLAMMATION AND CARDIOVASCULAR COMPLICATIONS (Invited Lecture) M. Navab , David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	197
10:15	IMMUNIZATIONS AND ACUTE CORONARY SYNDROMES: IS THERE A ROLE? (Invited Lecture) M. Zahid , University of Pittsburgh, Pittsburgh, PA, USA	198
10:30	CORONARY PLAQUE EROSION AND MYELOPEROXIDASE: INSIGHT FROM A CLINICOPATHOLOGICAL STUDY (Invited Lecture) G. Niccoli , Catholic University of the Sacred Heart, Rome, Italy	199
10:45	DEFINING THE ANTI-INFLAMMATORY ACTIVITY OF M-T7, A MYXOMAVIRAL CHEMOKINE MODULATOR THROUGH MUTAGENESIS M.Y. Barteo, H. Chen, E. Dai, L. Liu, J.A. Davids, A.R. Lucas University of Florida, Gainesville, FL, USA	200
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2012

08:30 – 10:45

Hall C

S26 Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY

Chairs: **T. Akasaka**, Wakayama, Japan
N.J. Angomachalelis, Thessaloniki, Greece

Abstract No.

- | | | |
|-------|---|-----|
| 08:30 | ACCURATE, NONINVASIVE DIAGNOSIS OF CARDIOGENIC SHOCK BASED ON ECHOCARDIOGRAPHY RATHER THAN INVASIVE HEMODYNAMIC ASSESSMENT
A. Najafi , K. Ghafourian, A. Paixao, M. Aljaabari, M. Iantorno, J. Panza, F. Asch, H. Cooper
Washington Hospital Center, Washington, DC, USA | 201 |
| 08:45 | PAIRED PACING IDENTIFIES VIABLE LEFT VENTRICULAR SEGMENTS WITHOUT CONTRACTILE RESPONSE TO DOBUTAMINE IN PATIENTS WITH ISCHEMIC CARDIOMYOPATHY
M. Chandra, J.A. Strom, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA | 202 |
| 09:00 | DOPPLER ECHOCARDIOGRAM UNDERESTIMATES PULMONARY ARTERY PRESSURE IN PATIENTS WITH INSUFFICIENT TRICUSPID REGURGITANT JET
M. Aldeiri , A. Khanfar, P. Nalabothu, M. Morsy, W.I. Khalife
University of Texas Medical Branch, Galveston, TX, USA | 203 |
| 09:15 | NOVEL TISSUE DOPPLER PARAMETERS IN STAGING OF DIASTOLIC DYSFUNCTION
N. Nair , S. John, D. Jupiter, E. Gongora, P. Lammert, C. Tong
TAMHSC College of Medicine, Temple, TX, USA | 204 |
| 09:30 | ECHO AND TISULAR DOPPLER ASSESSMENT OF SYSTOLIC AND DIASTOLIC FUNCTION IN SCLERODERMA
C.S. Berensztein , A.K. Saad, O. Grosso, E. Bresan, H. Laborde, M. Vazquez Blanco
Hospital de Clinicas, Universidad de Buenos Aires, Buenos Aires, Argentina | 205 |
| 09:45 | ROLE OF MITRAL INFLOW AND TISSUE DOPPLER IMAGING IN DETECTING MYOCARDIAL VIABILITY BY DOBUTAMINE STRESS ECHOCARDIOGRAPHY
O.A. Rifaie , Z.F. Abdelsalam, M.A. Abdallah, H.A. Ismail
AinShams University Cairo, Egypt | 206 |
| 10:00 | LEFT ATRIAL FUNCTION IN IDIOPATHIC PULMONARY HYPERTENSION
M. Henein , G. Bajraktari, S. Soderberg, M. Y. Henein, P. Lindqvist
Umea University, Umea, Sweden | 207 |
| 10:15 | DIAGNOSTIC UTILITY OF TRANSTHORACIC ECHOCARDIOGRAPHY IN EVALUATION OF PEDAL EDEMA
J. Kahan , F. Bajwa, H. Makani, A. Supariwala, A. Shah, N. Htyte, F. Chaudhry
St. Luke's Roosevelt Hospital, Columbia University College of Physicians and Surgeons, New York, NY, USA | 486 |

SUNDAY, JULY 29, 2012

S26 **Session** **NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY** (cont.)

Abstract No.

- 10:30 CHARACTERIZING DIFFERENCES IN ECHOCARDIOGRAPHIC PARAMETERS OF DIASTOLIC FUNCTION BETWEEN ATRIAL FIBRILLATION AND SINUS RHYTHM AMONG PATIENTS WITH HFPEF IN A REAL WORLD COHORT **208**
M.S. Sidhu, A.M. Robert, J.R. Brown, J.N. Gigliotti, J. Zipursky, S.P. Costa, R.T. Palac, D.J. Malenka, M.L. Greenberg, A.T. Kono
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA
- 10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

08:30 – 10:30

Hall D

S27 **Session** **HYPERTENSION, BASIC AND CLINICAL**

Chairs: **J.N. Bella**, Bronx, NY, USA
C. Desouza, Boulder, CO, USA

- 08:30 INFLUENCE OF SLEEP-TIME BLOOD PRESSURE IN THE PROGNOSTIC VALUE OF ISOLATED-OFFICE AND MASKED HYPERTENSION **209**
R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain
- 08:45 ROLE OF TIME-OF-DAY OF HYPERTENSION TREATMENT ON THE J-SHAPED RELATIONSHIP BETWEEN BLOOD PRESSURE AND CARDIOVASCULAR RISK **210**
R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain
- 09:00 AMBULATORY BLOOD PRESSURE PATTERN OF RESISTANT HYPERTENSION: DEPENDENCE ON TREATMENT-TIME REGIMEN OF HYPERTENSION MEDICATIONS: THE HYGIA PROJECT **211**
M.T. Rios, J.J. Crespo, M. Dominguez, J. Boveda, C. Duran, A. Ferreras, A. Otero, M.J. Fontao, **D.E. Ayala**, R.C. Hermida
University of Vigo, Vigo, Spain
- 09:15 EFFECTS OF VALSARTAN, EPROSARTAN OR LOSARTAN ON DIASTOLIC FUNCTION IN PATIENTS WITH ESSENTIAL HYPERTENSION **212**
L. Popescu, A. Caraush, Institute of Cardiology, Republic of Moldova
- 09:30 EFFECTS OF HYPERTENSION TREATMENT-TIME ON AMBULATORY BLOOD PRESSURE IN HYPERTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE: THE HYGIA PROJECT **213**
D.E. Ayala, L. Pineiro, A. Moya, J.J. Crespo, A. Otero, E. Sineiro, S. Hernaiz, E. Marquez, A. Mojon, R.C. Hermida
University of Vigo, Vigo, Spain

SUNDAY, JULY 29, 2012

S27	Session HYPERTENSION, BASIC AND CLINICAL (cont)	Abstract No.
09:45	BLOOD PRESSURE PROFILE IN A STUDENT POPULATION FROM THE METROPOLITAN AREA OF CAMPINAS, BRAZIL D.J.B. Saraiva, A. Timerman, J.F.K. Saraiva , A. Avezum, J.R.Z. Mendes Sao Paulo State Cardiology Society, Sao Paulo, SP, Brazil	214
10:00	INTER-ARM SYSTOLIC BLOOD PRESSURE DIFFERENCE OF 15MM HG OR MORE IN TREATED HYPERTENSIVES N.K. Agarwal, S.K. Agarwal , Agarwal Health Center, East Orange, NJ, USA	215
10:15	ADVERSE IMPACT OF HYPERTENSION ON MORTALITY IN ELDERLY WOMEN AND MEN PRESENTING WITH ACUTE MYOCARDIAL INFARCTION V.N. Singh , N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow University of South Florida College of Medicine, Tampa, FL, USA	216
10:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

11:15 – 14:00 Hall A

PL09	Plenary Session VALVULAR AND CONGENITAL HEART DISEASE <i>Joint Session with the Heart Valve Society of America</i>	
	Chairs: W.J. Bommer , California, CA, USA J.S. Borer , New York, NY, USA	
11:15	THE ROLE OF LRP5 IN CALCIFIC AORTIC VALVE DISEASE: LDL-DENSITY-PRESSURE THEORY (Invited Lecture) N. Rajamannan , Mayo Clinic, Rochester, MN, USA	217
11:30	THE IMPACT OF HYPERTENSION AND ITS TREATMENT IN HEART VALVE DISEASE (Invited Lecture) J.S. Borer , State University of New York Downstate Medical Center, New York, NY, USA	218
11:45	PCI AND TAVR PERFORMANCE MEASURES: ONSITE VERSUS OFFSITE MONITORING (Invited Lecture) W.J. Bommer , University of California Davis, Medical Center, CA, USA	219
12:00	INTERVENTION IN ADULT CONGENITAL HEART DISEASE – STENTING IN COARCTATION OF THE AORTA WITH SPECIAL REFERENCE TO THE ROLE OF COVERED STENTS (Invited Lecture) M. Sadiq , Punjab Institute of Cardiology, Lahore, Pakistan	220
12:15	ADVANCES IN MANAGEMENT OF VALVULAR HEART DISEASE IN THE ELDERLY (Invited Lecture) I. Mikati , Northwestern Memorial Hospital, Chicago, IL, USA	221
12:30	PROSTHETIC VALVE THROMBOSIS: UNDERSTANDING THE GUIDELINES (Invited Lecture) S. Pislaru , Mayo Clinic College of Medicine, Rochester, MN, USA	222

SUNDAY, JULY 29, 2012

PL09 Plenary Session		Abstract No.
VALVULAR AND CONGENITAL HEART DISEASE (cont.)		
Joint Session with the Heart Valve Society of America		
12:45	SPECKLE TRACKING ECHOCARDIOGRAPHY PREDICTS OUTCOMES IN CHRONIC AORTIC REGURGITATION (Invited Lecture) N.T. Olsen , Roskilde Hospital, Denmark	223
13:00	ANTICOAGULATION IN PREGNANT WOMEN WITH POSTHETIC VALVES (Invited Lecture) S. Goland , Kaplan Hospital, Rehovot, Israel	224
13:15	A LUMPED-PARAMETER MODEL OF MITRAL VALVE BLOOD FLOW FOR ASSESSMENT OF DIASTOLIC LEFT VENTRICULAR FILLING G. Szabo , J. Fine, G. Veres, M. Karck, L. Waite University of Heidelberg, Heidelberg, Germany	225
13:30	ARE PATENT FORAMEN OVALE INHERITED? A MONOZYGOTIC TWIN STUDY R. Gurtu , S.G. Ray, W. Newman, F. MK Williams, C.N. McCollum Manchester Health Academic Sciences Centre, University of Manchester, Manchester, UK	226
13:45	CLINICAL AND ECHOCARDIOGRAPHIC PROFILE AND PREGNANCY OUTCOMES IN PATIENTS WITH RHEUMATIC HEART DISEASE AT THE UNIVERSITY OF THE PHILIPPINES-PHILIPPINE GENERAL HOSPITAL M.J.T. Reyes , L. Macapugay, K. Tumabiene, M. Alferez, F.R. Punzalan UP-Philippine General Hospital, Manila, Philippines	227
14:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2012

11:15 – 13:45

Hall B

PL10 Plenary Session

ATRIAL FIBRILLATION – NEW RISK FACTORS AND THERAPIES

Chairs: **A. Bollmann**, Leipzig, Germany
A. Martinez-Rubio, Barcelona, Spain

Abstract No.

11:15	METABOLIC SYNDROME AND DYSLIPIDEMIA AS RISK FACTORS FOR ATRIAL FIBRILLATION (Invited Lecture) H. Watanabe , Niigata University Graduate School of Medical & Dental, Japan	228
11:30	GENOTYPE-BASED ATRIAL FIBRILLATION THERAPIES (Invited Lecture) D. Husser , Heart Center Leipzig, Germany	229
11:45	CRYOABLATION OF ATRIAL FIBRILLATION: IS IT READY FOR PRIMETIME? (Invited Lecture) K. Srivathsan , Mayo Clinic Arizona, Phoenix, AZ, USA	230
12:00	ANTICOAGULATION AND ATRIAL FIBRILLATION: ANTITHROMBOTICS STATE OF THE ART (Invited Lecture) K. Seidl , Klinikum Ingolstadt, Ingolstadt, Germany	231
12:15	NOVEL TECHNOLOGIES FOR ATRIAL FIBRILLATION MONITORING AND CATHETER ABLATION (Invited Lecture) A. Bollmann , D. Husser Heart Center, Leipzig, Germany	232
12:30	NEW ANTICOAGULANTS IN ATRIAL FIBRILLATION: ARE ALL THE SAME? (Invited Lecture) A. Martinez-Rubio , Hospital de Sabadell, Barcelona, Spain	233
12:45	ATRIAL FIBRILLATION ABLATION USING ANATOMICALLY DESIGNED CATHETERS AND UNDER DIRECT VISION (Invited Lecture) T. Deneke, A. Schade , Heart Center Bad Neustadt, Bad Neustadt, Germany	234
13:00	DISMAL RATES OF ANTICOAGULATION IN ELDERLY WOMEN FOR STROKE PREVENTION IN ATRIAL FIBRILLATION V.N. Singh , N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow University of South Florida College of Medicine, Tampa, FL, USA	235
13:15	LONG TERM OUTCOME OF ATRIAL FIBRILLATION THERAPIES: AN ACAP-RACE REGISTRY ANALYSIS E.F. Aziz, B. Pratap , C.K. Pamidimukala, T. Park, S. Qadir, H. Muafa, P. Gnanaprakasam, R. Reddy, U. Pai, E. Herzog St. Luke's-Roosevelt Hospital Center, University Hospital Columbia University, College of Physicians and Surgeons, New York, NY, USA	236
13:30	RENIN-ANGIOTENSIN SYSTEM GENE POLYMORPHISMS AND THE RISK OF STROKE IN PATIENTS WITH ATRIAL FIBRILLATION: A PROSPECTIVE OBSERVATION STUDY C-T. Tsai , J.L. Lin, J.J. Hwang, L.P. Lai National Taiwan University Hospital, Taipei, Taiwan	237
13:45	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2012

11:15 – 13:15

Hall C

S28

Session

RECENT ADVANCES IN CARDIAC IMAGING / RISK PREDICTION

Chairs: **M-R. Movahed**, Tucson, AZ, USA
T. Tomaru, Chiba, Japan

Abstract No.

- | | | |
|-------|---|-----|
| 11:15 | ASSESSMENT OF VIABILITY IN PATIENTS WITH CHRONIC TOTAL OCCLUSIONS: A CARDIAC MAGNETIC RESONANCE STUDY
D.J. Shah , H.W. Kim, R.J. Kim
Methodist DeBakey Heart & Vascular Center, Houston, TX and Duke Cardiovascular Magnetic Resonance Center, Durham, NC, USA | 238 |
| 11:30 | CORKSCREW CORONARY ARTERIES: INNOCENT BYSTANDER OR SIGNIFICANT RISK FACTOR?
D. Godkar, N. Gupta , S. Jain, A. Hamdan, V. De Bari, F. Shamoan, M. Bikkina
Seton Hall University, Newark, NJ, USA | 239 |
| 11:45 | ANATOMY OF MAIN CORONARY ARTERY LOCATION: RADIAL POSITION AROUND THE AORTIC ROOT CIRCUMFERENCE
Z. Almuwaqqat , M. Tranquilli, J.A. Elefterides
Yale University, New Haven, CT, USA | 240 |
| 12:00 | A PATH TO SAFE MRI SCANNING OF CARDIAC PACEMAKER PATIENTS: A ROLE FOR COMPUTER MODELING
S-M. Park , M. Lazebnik, J.J. Hunt, S.J. Fraasch, J.H. Harrison
Medtronic, Inc., Mounds View, MN, USA | 241 |
| 12:15 | MYOCARDIAL PERFUSION IMAGING IN PATIENTS WITH ATRIAL FIBRILLATION IS NOT INFERIOR TO REGULAR SINUS RHYTHM FOR SCREENING OF CORONARY ARTERY DISEASE
S. Her , M.W. Park, C.J. Kim
Daejeon St. Mary's Hospital, Daejeon, South Korea | 242 |
| 12:30 | VALIDATION OF SPECKLE TRACKING STRAIN MEASUREMENTS AS AN ACCURATE AND REPRODUCIBLE TECHNIQUE FOR DETECTING GLOBAL AND SEGMENTAL MYOCARDIAL DEFORMATION
A.M. Anwar, Y.F. Nosir , M. Alasnig, M.A. Llemit, A.F. Elhagoly, H. Chamsi-Pasha
King Fahd Armed Force Hospital, Jeddah, Saudi Arabia | 243 |
| 12:45 | LEFT ATRIAL SYSTOLIC STRAIN RATE ESTIMATES PULMONARY CAPILLARY PRESSURE: A SIMULTANEOUS ECHOCARDIOGRAPHY AND CARDIAC CATHETERIZATION STUDY
M. Henein , S. Soderberg, M. Gonzalez, E. Tossavainen, M.Y. Henein, P. Lindqvist
Umea University, Umea, Sweden | 244 |
| 13:00 | THE CLINICAL IMPLICATIONS OF A NORMAL CORONARY CT ANGIOGRAM
John N. Makaryus, P. Ruisi, A.N. Makaryus, S. Desai
North Shore University Hospital, Manhasset, New York, NY, USA | 245 |
| 13:15 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

SUNDAY, JULY 29, 2012

11:15 – 13:15

Hall D

S29

Session
VASCULAR BIOLOGY, BASIC RESEARCH

Chairs: **N.G. Frangiannis**, Bronx, NY, USA
S-J. Lin, Taipei, Taiwan

Abstract No.

- | | | |
|-------|---|-----|
| 11:15 | CHRONIC STRESS CONVERTS ATHEROSCLEROTIC LESIONS FROM A STABLE TO A MORE VULNERABLE PHENOTYPE
A.H. Najafi , N. Aghili, J.U. Tilan, J.A. Andrews, X. Peng, R. Virmani, Z. Zukowska, S.E. Epstein, M.S. Burnett
Cardiovascular Research Institute, Washington, DC, USA | 246 |
| 11:30 | CYSTATHIONINE-GAMMA-LYASE: A NOVEL THERAPEUTIC TARGET IN TREATING SEPTIC SHOCK
G. Sikka, A.K. Mustafa , J. Steppan, S.M. Jung, L. Santhanam, V. Barodka, J. Sevilla, D. Nyhan, S.H. Snyder, D.E. Berkowitz
Yale School of Medicine, New Haven, CT, USA | 247 |
| 11:45 | INCREASED ANGIOGENESIS IS NOT ABLE TO IMPROVE HEART FUNCTION AFTER CELL THERAPY
A. Schuh, A. Curaj, S. Korschalla, A. Kroh, B. Butzbach, A. Schober, E. Liehn
RWTH Aachen University, Aachen, Germany | 248 |
| 12:00 | INFLUENCE OF CONTRAST MEDIUM ON THE ENDOTHELIAL CELL LINE HCMEC
A. Peleg , Y. Hasin, Poriya, Cardiovascular Research Lab, Tiberias, Israel | 249 |
| 12:15 | ESSENTIAL ROLE OF ROS IN MEDIATING STRETCH-INDUCED LEPTIN SECRETION AND VASCULAR SMOOTH MUSCLE HYPERTROPHY
C. Ghantous, L. Dib, M. Al-Hariri, A. Jaffa, A. Zeidan
American University of Beirut, Lebanon | 250 |
| 12:30 | THE OMEGA 3 EPA:DHA 6:1 CAUSES REDOX-SENSITIVE PI3-KINASE/AKT-DEPENDENT ACTIVATION OF ENDOTHELIAL NO SYNTHASE
F. Zgheel, M. Alhosin, C. Auger, V.B. Schini-Kerth
Strasbourg University, Illkirch, France | 251 |
| 12:45 | INTRAVENOUS COCAINE ADMINISTRATION RESULTS IN TRANSIENT DECREASE IN SERUM LEVELS OF INTERLEUKIN-6 (IL-6), SOLUBLE CD40 LIGAND (SCD40L) AND MONOCYTE CHEMOATTRACTANT PROTEIN-1 (MCP-1)
R. Sharma , K.N. Dileepan, K. Grasing, B. Dawn, K. Gupta
Kansas City VA Medical Center, Kansas City, MO, USA | 252 |
| 13:00 | ORAL ANTI INFLAMMATORY PEPTIDE F REDUCES SYSTEMIC INFLAMMATION AND IMPROVES HDL FUNCTION
A. Gapele , O. Elboudwarej, J. Bowers Obioha, S. Vazirian, M. Memarzadeh, G. Hough
David Geffen School of Medicine, University of California, Los Angeles, CA, USA | 253 |
| 13:15 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

SUNDAY, JULY 29, 2012

P304	MISCELLANEOUS	Abstract No.
8	PREVALENCE AND ASSOCIATED HEALTH STATUS AMONG OLDER ADULTS IN LONG-TERM CARE FACILITIES A. Kanwar , R.J. Lennon, M. Singh, V.L. Roger University of Madison, Wisconsin, WI, USA	261
9	EFFECT OF SEXUAL ACTIVITY ON CARDIAC AUTONOMIC FUNCTION IN HIGH-LEVEL MALE ATHLETES J.M. Sztajzel , K. Sievert, A. Bayes de Luna Cardiology Service, University Hospital, Geneva, Switzerland	262
10	PHYSIOLOGY OF THE SECOND HEART SOUND: INSIGHTS FROM DIGITAL PHONOCARDIOGRAPHY S.R. Thadani , B. Doyle, R.E. Shaw, R.R. Yee, N.B. Schiller California Pacific Medical Center, San Francisco, CA, USA	263
11	IMPACT OF METHANOL INTOXICATION ON THE HUMAN ELECTROCARDIOGRAM Z.H. Jaff , W.F. McIntyre, P.Y. Ashoori, A.M. Baranchuk Queen's University, Kingston, ON, Canada	264
12	EARLY REPOLARIZATION SEEN ON ECG IS INDEPENDENTLY ASSOCIATED WITH AFRICAN AMERICAN RACE, AGE <30, BMI >25 AND HEART RATE < 70 BPM M-R. Movahed , S. Bates Caremore and University of Arizona Sarver Heart Center, Tucson, AZ, USA	265
13	CARDIAC INVOLVEMENT IN HUMAN GRANULOCYTIC ANAPLASMOSIS Y. Temtanakitpaisan , N. Methachittiphan, F.B. Barbosa, T.L. Treadwell, D.G. Love MetroWest Medical Center, Framingham, MA, USA	266
14	SPONTANEOUS CORONARY ARTERY DISSECTION: A CASE SERIES EMPHASIZING THE POTENTIAL FOR UNDERESTIMATION M. Pfeiffer , G.A. Baquero, T. Fugate, M. Kozak Penn State College of Medicine, Hershey, PA, USA	267
P305	Poster Session QUALITY IMPROVEMENT AND OUTCOMES	
15	PATIENT CHARACTERISTICS AND HOSPITAL OUTCOMES IN PATIENTS TREATED WITH THERAPEUTIC HYPOTHERMIA FOR CARDIOVASCULAR AND NEUROLOGICAL INDICATIONS Y. Ji , V. Khurana, T. Waters, M. Torosoff Albany Medical College, Albany, NY, USA	268
16	CHEST PAIN EMERGENCY DEPARTMENT EVALUATION IN WOMEN, LESS THAN AGE 40 YEARS: CAN WE CHANGE PRACTICE HABITS? A.L.A. Teleron , J.S. Samuel, N. Raja, W.H. Carter West Virginia University - Charleston Division, Charleston, WV, USA	269
17	HADS SCORE IN CHEST PAIN PATIENTS REFERRED TO A CARDIOVASCULAR CLINIC A. Rohani , V. Akbari Mashad University of Medical Sciences, Iran	270

SUNDAY, JULY 29, 2012

Board No		Abstract No.
P305	Poster Session QUALITY IMPROVEMENT AND OUTCOMES (cont)	
18	TELECARDIOLOGY AS A SCREENING TOOL IN THE GENERAL POPULATION: EKG IN PHARMACIES A. Durante, A. Laricchia, G. Peretto , F. Ancona, M. Spartera, A. Mason, A. Stefani, A. Baro, N. Cristell, D. Cianflone Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy	271
19	CHEST PAIN READMISSION PREDICTORS - A CLINICAL EXPERIENCE FROM INPATIENT CHEST PAIN OBSERVATIONAL STUDY M. Singh, M.R. Bajwa , V.H.Bolla, P. Mills UCSF MEP FRESNO, Fresno, CA, USA	272
20	PREDICTORS OF 30DAY READMISSION IN ACUTE DECOMPENSATED HEART FAILURE PATIENTS TREATED WITH ULTRAFILTRATION M. Aradhya , S. Silparshetty, H. Polimera, D. Gajanana, E. Amedeo, P. Sugathan St Lukes Hospital, Bethlehem, PA, USA	273
P306	Poster Session BIOMARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE	
21	BIOMARKER REFERENCE VALUES AMONG CHEST PAIN UNIT PATIENTS F. Yazigi , M. Tucciarone, R. Bess, S. Szpunar, G. Cohen St. John Hospital and Medical Center, Detroit, MI, USA	274
22	INFLAMMATION PERSISTS AFTER AN ACUTE CORONARY SYNDROME? E.M. Macin , M. Onocko, M. Arevalo, R. Zoni, E.R. Perna, L. Reyes, J.M. Lange, B. Gonzalez Arjol, L. Peña, M. Brizuela Instituto de Cardiología JFCabral, Corrientes, Argentina	275
P307	Poster Session MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH	
23	THE CARDIOPROTECTIVE EFFECT OF ISOSTEVIOL ON ENDOTHELIN-1-INDUCED HYPERTROPHY OF CULTURED NEONATAL RAT CARDIOMYOCYTES K.L. Wong , C.C. Chao, C.W. Cheung, P. Chan, T.H. Cheng, Y-M. Leung China Medical University & Hospital, Taichung, Taiwan	276
24	INDUCTION OF IL-17 SIGNALLING IN THE RAT HEART EXPOSED TO IN VIVO ISCHEMIA/REPERFUSION INJURY PROMOTES NECROTIC AND APOPTOTIC CELL DEATH L.I.I. Saravolatz, C. Scarabelli, L. Saravolatz, T.M. Scarabelli St John Hospital/Wayne State University, Detroit, MI, USA	277
25	UROCORTIN CAN MEDIATE CARDIOPROTECTION BY ACTIVATION OF THE SRC TYROSINE KINASE- STAT3 PATHWAY C. Scarabelli, L.I.I. Saravolatz, L. Saravolatz, T.M. Scarabelli St John Hospital/Wayne State University, Detroit, MI, USA	278
26	UROCORTIN-MEDIATED STAT-3 ACTIVATION IS INDUCED BY EXPRESSION AND RELEASE OF IL-6 C. Scarabelli, L.I.I. Saravolatz, L. Saravolatz, T.M. Scarabelli St John Hospital/Wayne State University, Detroit, Michigan, USA	279

SUNDAY, JULY 29, 2012

Board No		Abstract No.
P307	Poster Session MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH (cont)	
27	CARDIOPROTECTIVE EFFECT OF ETHANOLIC EXTRACT OF TERMINALIA ARJUNA BARK IN ADRENALINE INDUCED MYOCARDIAL DAMAGE IN RATS M. Rahaman, Z. Begum Dhaka Medical College, Dhaka, Bangladesh	280
28	EFFECT OF MELATONIN ON THE HEART OF MICE TREATED WITH ISOPROTERENOL B. Nieto-Lima , R. Bautista-Pérez, A. Cano-Martínez Instituto Nacional de Cardiología "Ignacio Chávez", Mexico City, Mexico	281
29	PROAPOPTOTIC PROTEINS BAX AND BAK IN A MYOCARDIUM DAMAGE MODEL MEDIATED THROUGH DIGITALIS INTOXICATION M.C. Ramirez-Ortega , I. Cuevas-Escobar, J.F. Carrillo-Hernandez, M.L. Ibarra-Lara, G. Pastelin-Hernandez Instituto Nacional de Cardiología "Ignacio Chavez", Mexico D. F., Mexico	282
P308	Poster Session LEFT VENTRICULAR REMODELING AFTER MI	
30	PREDICTIVE FACTOR FOR CENTRAL SLEEP APNEA AND EFFECTS OF CSA ON LEFT VENTRICULAR FUNCTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION H. Nakashima, T. Henmi, Y. Uchida , Y. Shiraishi, S. Suzuki, K. Maemura Nagasaki Citizens Hospital, Nagasaki, Japan	283
31	LEFT ATRIAL VOLUME IS A PREDICTOR OF LEFT VENTRICULAR REMODELING IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION S. Fukuzawa, M. Inagaki, J. Sugioka, A. Ikeda, S. Okino Funabashi Municipal Medical Center, Funabashi, Japan	284
P309	Poster Session LIPIDS, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA	
32	COMPARISON OF POSTPRANDIAL LIPEMIA IN SEDENTARY AND ACTIVE WOMEN USING ORAL CONTRACEPTIVE A.D. Borges , D.M.L. Vieira, C.K.C. Sa, J. Petto, L.M.R. Vasques, R.L.S. Pinheiro, B.A. Giesta, A.M.T. Ladeia FTC, Brazil	285
33	PREVENTIVE EFFECT OF EZETIMIBE FOR PROGRESSION OF ARTERIOSCLEROSIS E. Matsubara , T. Matsubara, T. Tomaru Japanese Red Cross Medical Center, Japan	286
34	LEFT VENTRICULAR FUNCTIONS & LIPID PEROXIDATION IN CHRONIC KIDNEY DISEASE N. Nand , PGIMS, Rohtak, India	287

SUNDAY, JULY 29, 2012

14:00 – 16:45		Hall A
PL11	Plenary Session PATHOPHYSIOLOGY OF CARDIOVASCULAR DISEASE – RISK FACTORS AND PREVENTION	
	Chairs: U. Keil , Muenster, Germany J.L. Mehta , Little Rock, AR, USA	
		Abstract No.
14:00	CARDIOVASCULAR PREVENTION - A GLOBAL PROBLEM (Invited Lecture) U. Keil , University of Muenster, Germany	288
14:15	DIURNAL RHYTHMS AND THE PATHOGENESIS OF CARDIOVASCULAR DISEASE (Invited Lecture) M.J. Sole , University of Toronto, Toronto, ON, USA	289
14:30	RECONSIDERATION OF THE ROLE OF STATINS IN PRIMARY PREVENTION; POTENTIAL OF ADVERSE EFFECT RELATED TO GENETIC VARIABILITY (Invited Lecture) J.L. Mehta , UAMS, Little Rock, AR, USA	290
14:45	COFFEE DRINKING AND RISK OF STROKE (Invited Lecture) A.L. Klatsky , Kaiser Permanente Medical Center, Oakland, CA, USA	291
15:00	ACUTE RESPIRATORY INFECTIONS AS TRIGGERS FOR CARDIOVASCULAR EVENTS (Invited Lecture) M. Madjid , Texas Heart Institute, Houston, TX, USA	292
15:15	STATINS FOR THE PRIMARY PREVENTION OF CVD IN WOMEN (Invited Lecture) S. Mora , Brigham and Women's Hospital, Boston, MA, USA	293
15:30	LIFESTYLE FACTORS AND THE RISK OF STROKE (Invited Lecture) G. Hu , Pennington Biomedical Research Center, Baton Rouge, LA, USA	294
15:45	DIET AND SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE: THE CURRENT LEVEL OF EVIDENCE (Invited Lecture) D.B. Panagiotakos , Harokopio University of Athens, Greece	295
16:00	FROM SURROGATE BIOMARKERS TO DETECTION OF ATHEROSCLEROSIS: ARE WE READY FOR A PARADIGM SHIFT IN PRIMARY CVD PREVENTION STRATEGIES? (Invited Lecture) K. Nasir , Yale University, New Haven, CT, USA	296
16:15	EARLY IDENTIFICATION OF SUBCLINICAL ATHEROSCLEROSIS: THE MOST EFFECTIVE WAY TO REDUCE SIGNIFICANTLY THE INCIDENCE OF CORONARY ARTERY DISEASE (Invited Lecture) S. Chumburidze , Scientific Research Clinic of Therapy, Tbilisi, Georgia	297
16:30	NOVEL PROBIOTIC FORMULATION FOR MANAGING CHOLESTEROL: CLINICAL INVESTIGATION OF BSH-ACTIVE LACTOBACILLUS REUTERI NCIMB 30242 YOGURT AND CAPSULE FORMULATIONS IN HYPERCHOLESTEROLEMIC ADULTS M.L. Jones , C.J. Martoni, S. Prakash McGill University, and Micropharma, Montreal, Quebec, Canada	298
16:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2012

14:00 – 16:30

Hall B

PL12 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.
14:00	ACUTE AORTIC DISEASES: TEMPORAL PATTERNS OF ONSET AND CLINICAL OUTCOME (Invited Lecture) R. Manfredini , University of Ferrara, Italy	300
14:15	THERE IS AN EFFECTIVE MEDICAL TREATMENT FOR THORACIC AORTIC ANEURYSM (Invited Lecture) J.A. Elefteriades , Yale University School of Medicine, New Haven, CT, USA	299
14:30	CORONARY, CEREBRAL, AND ABDOMINAL AORTIC ANEURYSMS: SIMILARITIES IN PATHOGENESIS AND IMPLICATIONS FOR TREATMENT (Invited Lecture) S.D. Gertz , L.Y. Gavish, R. Beerl, D. Gilon, C. Rubinstein, Y. Berlatzky, A. Bulut, M. Harlev, P. Reissman, L. Gavish The Hebrew University, Hadassah Faculty of Medicine, Jerusalem, Israel	301
14:45	PREDICTION OF PROGNOSIS BY VASCULAR IMAGINGS IN PERIPHERAL ARTERY DISEASE AFTER ENDOVASCULAR TREATMENT (Invited Lecture) T. Tomaru , Toho University Sakura Hospital, Japan	302
15:00	ROLE OF IgE IN ANGIOTENSIN II-INDUCED ABDOMINAL AORTIC ANEURYSMS IN APOLIPOPROTEIN E-DEFICIENT MICE (Invited Lecture) G-P. Shi , Brigham and Women's Hospital, Boston, MA, USA	303
15:15	CRYOPLASTY OR CONVENTIONAL BALLOON POST-DILATION OF NITINOL STENTS FOR REVASCULARIZATION OF PERIPHERAL ARTERIAL SEGMENTS (COBRA TRIAL) (Invited Lecture) S. Banerjee , D. Tran, E.S. Brilakis, VA North Texas Healthcare System, Dallas, TX, USA	304
15:30	DA VINCI ROBOT AND VASCULAR SURGERY P. Stadler , L. Dvoracek, P. Vitasek, P. Matous, Na Homolce Hospital, Prague, Czech Republic	305
15:45	INTRALUMINAL VERSUS SUBINTIMAL APPROACH TO CHRONIC TOTAL OCCLUSIONS IN PERIPHERAL ARTERIAL DISEASE S. Amruthlal Jain , T. Larsen, F. Alcocer, M. Zughuib, P. Alexander Providence Hospital and Medical Center, Southfield, MI, USA	306
16:00	A SIMPLE, FAST AND ACCURATE METHOD TO DETECT PERIPHERAL ARTERIAL DISEASE IN AN OFFICE SETTING H.J. Semler , G.L. Geary, R. McRae, N. Santos Oregon Health Science University, Portland, OR, USA	307

SUNDAY, JULY 29, 2012

PL12	Plenary Session PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE (cont)	Abstract No.
16:15	CAROTID INTIMA MEDIA THICKNESS PROVIDES EVIDENCE THAT ASCENDING AORTIC ANEURYSM PROTECTS AGAINST SYSTEMIC ATHEROSCLEROSIS A. Hung , M. Zafar, S. Mukherjee, M. Tranquilli, L. Scoutt, J.A. Elefteriades Yale University School of Medicine, New Haven, CT, USA	308
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

14:00 – 16:30	Hall C
----------------------	---------------

S30	Session ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY	
	Chairs: K. Seidl , Ingolstadt, Germany M. Takagi , Osaka, Japan	
14:00	DOES PHYSICIAN REVIEW IMPROVE THE ACCURACY OF NATIONAL CARDIOVASCULAR DATA REGISTRY (NCDR) ICD REGISTRY DATA SUBMISSION? THE WAKE FOREST BAPTIST MEDICAL CENTER (WFBMC) EXPERIENCE M. Jain , N. Shah, R. Henderson, B. Rubery, G. Brammer, T. Simmons Wake Forest Baptist Medical Center, Winston Salem, NC, USA	309
14:15	RESULTS OF THE LEAD EXTRACTION DEVICE EVALUATION AND RESULTS (LEADER) DATABASE C.J. Love , S.P. Kutalek, C. Starck, E.K. Bowser, B.E. Norlander The Ohio State University, Columbus, OH, USA	310
14:30	PACEMAKERS IN PATIENTS WITH HIGH SPINAL INJURY B.R. Porter , H. Jayanthi, A. Money-Kyrle Buckinghamshire Healthcare Trust, Stoke Mandeville Hospital, Bucks, UK	311
14:45	USE AND LONG-TERM OUTCOMES OF IMPLANTABLE CARDIOVERTER DEFIBRILLATOR DEVICES IN A POPULATION STUDY P.J. Bradshaw , M.S.T. Hobbs, T.G. Briiffa, University of Western Australia, Perth, WA, Australia	312
15:00	USING PACEMAKER/IMPLANTABLE CARDIOVERTER DEFIBRILLATOR MODE SWITCH QUANTIFICATION TO ASSESS CLINICAL PREDICTORS OF ATRIAL FIBRILLATION RECURRENCE P. Ruisi, J.N. Makaryus, J.N. Catanzaro, A. Cedrone, A.N. Makaryus, R. Jadonath, S.J. Belner, S. Desai , North Shore University Hospital, Manhasset, NY, USA	313
15:15	COMMUNITY CARDIOVASCULAR SCREENING TO IDENTIFY MIDDLE SCHOOL CHILDREN AT RISK OF SUDDEN CARDIAC DEATH: THE HOUSTON EARLY AGE RISK TESTING AND SCREENING (HEARTS) STUDY J.P. Higgins , S.T. Laing, J.A. Samuels, A. Rajmane, G. Biliciler-Denktaş, D.D. Mcpherson, A. Ali The University of Texas Medical School at Houston, Houston, TX, USA	314

SUNDAY, JULY 29, 2012

S30 Session		Abstract No.
ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY (cont)		
15:30	LONG-TERM SURVIVAL AND AICD THERAPY IN SURVIVORS OF CARDIAC ARREST TREATED WITH THERAPEUTIC HYPOTHERMIA B. Saour , V. Khurana, J. Yong, T. Waters, M. Liakos, M. Torosoff Albany Medical Center, Albany, NY, USA	315
15:45	CONTRACTILITY-GUIDED VENTRICULAR LEAD IMPLANT OPTIMIZES PACING AMONG PATIENTS WITH STRUCTURAL HEART DISEASE P.P. Karpawich , K. Zelin, H. Singh The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA	316
16:00	SYSTEMATIC ANALYSIS OF FAILED ATP IN AICD TO ACHIEVE RHYTHM IDENTIFICATION J.C. Caldwell , D.P. Redfearn, A.M. Baranchuk, K.A. Michael, C. Simpson, H. Abdollah, Arrhythmia Service, Kingston General Hospital, Kingston, ON, Canada	317
16:15	MYOTONIC DYSTROPHY AND CARDIAC CONDUCTION SYSTEM ABNORMALITIES: HOW AWARENESS AFFECTS THE PATIENT OUTCOME? K. Khalighi , S.B. Thapamagar, N. Singh Easton Hospital, Easton, PA, USA, Drexel University, Philadelphia, PA, USA	318
16:30	COFFEE, VISIT POSTERS AND EXHIBITION	

14:00 – 16:15

Hall D

S31 Session		
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES		
	Chairs: J.D. Marsh , Little Rock, AR, USA T. Toyo-Oka , Tokyo, Japan	
14:00	INTERACTION BETWEEN TELOMERASE AND MYOCARDIN A CRITICAL FOR CARDIOMYOGENIC DEVELOPMENT OF MESENCHYMAL STEM CELLS: AN IMPLICATION FOR CARDIOVASCULAR TISSUE REPAIR AND REGENERATION Y.J. Geng , University of Texas Houston Medical School, Houston, TX, USA	319
14:15	DETRIMENTAL IMPACT OF DIABETES ON EPHA2 KNOCKOUT MICE FOLLOWING MYOCARDIAL INFARCTION M.A. Farooqui , J. Virag, S. Kent, W. O'Neal, F. Faiz, J. Vuncannon, J. Hodges, East Carolina University, Greenville, NC, USA	320
14:30	GENETIC VARIANTS REDUCING MTR GENE EXPRESSION INCREASE RISK OF CONGENITAL HEART DISEASE IN HAN CHINESE POPULATION H.Y. Wang , J.Y. Zhao, X.H. Gong, G.Y. Huang, B. Qiao, W.Y. Duan, H.B. Shen, L. Jin, Fudan University, China	321

SUNDAY, JULY 29, 2012

S31	Session	Abstract No.
	THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES (cont)	
14:45	THE MOLECULAR BASIS OF AUTOSOMAL DOMINANT HYPERCHOLESTEROLEMIA: ASSESSMENT IN A LARGE COHORT OF HYPERCHOLESTEROLEMIC CHILDREN A. van der Graaf, H.J. Avis, D.M. Kusters, M.N. Vissers, B.A. Hutten, J.C. Defesche, S.W. Fouchier, F.A. Wijburg, J.J.P. Kastelein, A. Wiegman Academic Medical Center, Amsterdam, The Netherlands	322
15:00	HISTOLOGICAL AND FUNCTIONAL ASSESSMENT OF HUMAN PLACENTAL STEM CELLS IN A MYOCARDIAL RAT INFARCTION G. Makhoul , Y.T. Ma, M. Duong, R. Chiu, R. Cecere McGill University, Montreal, QC, Canada	323
15:15	APICAL HYPERTROPHIC CARDIOMYOPATHY WITH A RARE MYBPC3 GENE MUTATION VARIANT P.T. Bhattacharya , T.A. Ahmad, M.A. Bataineh Mercy Catholic Medical Center, Drexel University, Philadelphia, PA, USA	324
15:30	INFLAMMATION FOLLOWING MYOCARDIAL INFARCTION PLAYS AN IMPORTANT ROLE IN COLLAGEN SYNTHESIS AND CARDIAC REMODELLING A. Curaj, S. Simsekilmaz, I. Kanzler, A. Schuh, E. Liehn Institute for Molecular Cardiovascular Research (IMCAR), RWTH Aachen University, Aachen, Germany	325
15:45	A MISSENSE MUTATION IN THE CHRM2 GENE IS ASSOCIATED WITH FAMILIAL DILATED CARDIOMYOPATHY L. Zhang , A. Hu, H. Yuan, L. Cui, G. Miao, X. Yang, L. Wang, J. Liu, X. Liu, S. Wang Beijing Chao-Yang Hospital affiliated Capital Medical University, Beijing, China	326
16:00	GLUCOCORTICOID AMELIORATED EARLY CARDIAC DYSFUNCTION AFTER CORONARY MICROEMBOLIZATION BY SUPPRESSING TGF-BETA1/SMAD3 AND CTGF EXPRESSION Z.W. Chen , J.Y. Qian, J.Y. Ma, S.F. Chang, Y.Z. Zou, J.B. Ge Zhongshan Hospital, Fudan University, Shanghai, China	327
16:15	COFFEE, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2012

16:45 – 19:00

Hall A

PL13 Plenary Session		
EMERGING MOLECULAR PARADIGMS IN MYOCARDIAL ISCHEMIA, INFARCTION AND REMODELING		
Chairs: L.A. Kirshenbaum , Winnipeg, MB, Canada C.S. Long , Denver, CO, USA		Abstract No.
16:45	LINEAGE MARKERS IN TRACKING CARDIAC FIBROBLAST FATE IN VIVO AND IN VITRO (Invited Speaker) C.S. Long , University of Colorado Health Sciences Center, Denver, CO, USA	328
17:00	p90RSK REGULATES CHIP UB LIGASE ACTIVITY VIA ERK5 AND PROMOTES CARDIAC DYSFUNCTION (Invited Speaker) J.-I. Abe , University of Rochester School of Medicine and Dentistry, Rochester, NY, USA	329
17:15	NEGATIVE REGULATION OF TOLL LIKE RECEPTOR (TLR)/INTERLEUKIN-1 (IL-1) SIGNALING IN CARDIAC REPAIR (Invited Speaker) N.G. Frangogiannis , Albert Einstein College of Medicine, Bronx, NY, USA	330
17:30	CROSS-TALK BETWEEN MITOCHONDRIAL AND ER DEATH PATHWAYS IN THE HEART (Invited Speaker) L.A. Kirshenbaum , University of Manitoba, Winnipeg, MB, Canada	331
17:45	STEM CELLS FOR CARDIAC REGENERATION IN THE DIABETIC AND NON-DIABETIC HEART (Invited Speaker) D.K. Singla , University of Central Florida, Orlando, FL, USA	332
18:00	ROLE OF AUTOPHAGY IN THE HUMAN HEART EXPOSED TO IATROGENIC ISCHEMIA/REPERFUSION INJURY (Invited Speaker) T.M. Scarabelli , Wayne State University School of Medicine, Detroit, MI, USA	333
18:15	HABITUAL SHORT SLEEP DURATION IS ASSOCIATED WITH ENDOTHELIAL FIBRINOLYTIC DYSFUNCTION B.R. Weil, K.J. Diehl , J. Greiner, B.L. Stauffer, C.A. DeSouza University of Colorado, Boulder, CO, USA	334
18:30	THE MOLECULAR MECHANISM OF GALECTIN-3-STIMULATED CARDIAC FIBROBLAST PROLIFERATION W-R. Hao , J.C. Liu, T.H. Cheng, J.J. Chen Taipei Medical University, Taipei, Taiwan	335
18:45	MICRORNA-328 CONTRIBUTES TO ADVERSE REMODELING IN ATRIAL FIBRILLATION Y.J. Lv, H.L. Shan, W.F. Chu, D-L. Dong , B.F. Yang Harbin Medical University, Harbin, China	336

SUNDAY, JULY 29, 2012

16:45 – 18:45

Hall B

PL14 Plenary Session

HYPERTENSION: FROM GENETICS TO RECENT ADVANCES IN THERAPY

Chairs: **W.S. Aronow**, Valhalla, NY, USA
E. Bossone, Amalfi Coast, Italy

Abstract No.

16:45	ROLE OF ECHOCARDIOGRAPHY IN PULMONARY ARTERIAL HYPERTENSION: FROM DIAGNOSIS TO PROGNOSIS (Invited Speaker) E. Bossone , Cava de Tirreni & Amalfi Coast Hospital, Italy	337
17:00	HYPERTENSION IN ELDERLY (Invited Lecture) W.S. Aronow , Cardiology Division, New York Medical College, Valhalla, NY, USA	338
17:15	BLOOD PRESSURE TARGETS FOR PATIENTS WITH CORONARY ARTERY DISEASE: IS LOWER BETTER? (Invited Lecture) C. Rosendorff , Mount Sinai School of Medicine, New York, NY and James J. Peters VA Medical Center, Bronx, NY, USA	339
17:30	SLEEP -TIME BLOOD PRESSURE AS A THERAPEUTIC TARGET FOR CARDIOVASCULAR RISK REDUCTION (Invited Lecture) R.C. Hermida , Campus Universitario, Vigo, Spain	340
17:45	RENAL DENERVATION - STATE OF THE ART (Invited Lecture) S.C. Bertog , Cardiovascular Center Frankfurt, Germany	341
18:00	PREHYPERTENSION: NOT A BENIGN VASCULAR CONDITION (Invited Lecture) C. DeSouza , University of Colorado, Boulder, CO, USA	342
18:15	EMERGING MOLECULAR MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION: ARE WE CLOSER TO A CURE? (Invited Lecture) D.J. Stewart , Ottawa Health Research Institute, The Ottawa Hospital, ON, Canada	343
18:30	HOW IMPORTANT IS WHITE-COAT HYPERTENSION FOR THE APPROPRIATE TREATMENT OF HIGH-RISK PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION? (Invited Lecture) S.S. Franklin , University of California, Irvine, CA, USA	344

SUNDAY, JULY 29, 2012

16:45 – 19:15

Hall C

S32 Session

ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

Chairs: **K.A. Adarsh**, Amritsar, Punjab, India
A. Schade, Bad Neustadt, Germany

Abstract No.

- | | | |
|-------|---|-----|
| 16:45 | COMPARATIVE EFFICACY, COST AND RADIATION EXPOSURE DURING TACHYCARDIA ABLATION IN CHILDREN WITH AND WITHOUT FLUOROSCOPIC IMAGING
Y. Sanil , H. Singh, P.P. Karpawich
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA | 345 |
| 17:00 | CHROMOSOME 4Q25 VARIANTS AND ATRIAL FIBRILLATION RECURRENCE AFTER CATHETER ABLATION
D. Husser , V. Adams, A. Arya, G. Hindricks, A. Bollmann
Heart Center Leipzig, Germany | 346 |
| 17:15 | NON-INVASIVE ASSESSMENT OF DRONEDARONE EFFECTS ON ATRIAL ELECTROPHYSIOLOGY DURING SINUS RHYTHM AND ATRIAL FIBRILLATION
S. John, J. Salmas, S. Lobe, M. Stridh, D. Husser, A. Bollmann
Heart Center Leipzig, Germany | 347 |
| 17:30 | DIMINISHED VALUE OF ADENOSINE REVEALING TRANSIENT PULMONARY VEIN CONDUCTION WHEN PRECEDED BY RADIOFREQUENCY ABLATION GUIDED BY HIGH OUTPUT PACING INDUCED EXIT CONDUCTION
S.J. Pollak , G. Monir
Arrhythmia and Ablation Center, Florida Heart Institute, Orlando, FL, USA | 348 |
| 17:45 | PROGNOSTIC SIGNIFICANCE OF MINOR TROPONIN ELEVATION IN PATIENTS WITH NEW ONSET ATRIAL FIBRILLATION
S.K. Mathias, A.G. DeNazareth , J.A. Fernandes, P. Gangi, A. Smer, V.M. Alla, D.J. Esterbrooks
Creighton University, Omaha, NE, USA | 349 |
| 18:00 | HYBRID APPROACH WITH RADIOFREQUENCY AND CRYOBALLOON ABLATION FOR PAROXYSMAL ATRIAL FIBRILLATION
M. Ahmed , J.S. Sussman, T.H. Mahoney, J.H. Curwin, R.F. Coyne, K. Quinlan, S.L. Winters
Gagnon Cardiovascular Institute, Morristown Medical Center, Morristown, NJ, USA | 350 |
| 18:15 | INTRACARDIAC ECHOCARDIORAPHY DOES NOT INCREASE ABLATION PROCEDURE TIME
J.E. Banchs , G.E. Smith, S.M. Samii, E.D. Penny-Peterson, D.L. Wolbrette, G.V. Naccarelli, M.D. Gonzalez
Penn State Hershey Heart & Vascular Institute, Hershey, PA, USA | 351 |

SUNDAY, JULY 29, 2012

S32 **ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION (cont)**

		Abstract No.
18:30	EFFECT OF RADIOFREQUENCY CATHETER ABLATION ON ECHOCARDIOGRAPHIC PARAMETERS OF LEFT VENTRICULAR SYNCHRONY IN PATIENTS WITH PRE-EXCITATION DUE TO WOLFF-PARKINSON-WHITE SYNDROME G.H. Davoodi , H. Ashraf, A. Kazemisaeid, S. Sadeghian, A. Vasheghani-Farahani, M. Sahebjam Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran	352
18:45	RELATIONSHIP BETWEEN OBESITY AND COMPLICATIONS IN ATRIAL FIBRILLATION PATIENTS UNDERGOING CATHETER ABLATION N. Sawaya , N. Abi Hatem, R. Sunna, S.L. Winters, T.H. Mahoney, R.F. Coyne, J.H. Curwin, J.S. Sussman Morristown Medical Center, Morristown, NJ, USA	353
19:00	MANAGEMENT OF ATRIAL FIBRILLATION BY CANADIAN ELECTROPHYSIOLOGISTS AFTER DISCONTINUATION OF THE PALLAS STUDY K. Mohajer , B. Fregeau, V. Garg, A. Skanes, C.S. Simpson, D.P. Redfearn, K.A. Michael, A. Baranchuk Heart Rhythm Service, Kingston General Hospital, Queen's University Kingston, ON, Canada	354

SUNDAY, JULY 29, 2012

13:30 – 18:30

Poster Hall

P401 Poster Session

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

Board No		Abstract No.
1	<p>OBESITY, INFLAMMATORY ADIPOKINES AND CARDIOVASCULAR DISEASE M.J. Hosseinzadeh-Attar, A. Golpaie, M. Talebpour School of Public Health, Tehran University of Medical Sciences, Tehran, Iran</p>	355
2	<p>ADJACENT QTC DISPERSION IN WELL CONTROLLED TYPE II DIABETES MELLITUS S. Khosropanah, M. Bahtoe, Shiraz University of Medical Sciences, Shiraz, Iran</p>	356
3	<p>AGREEMENT BETWEEN DIFFERENT MARKERS FOR THE DIAGNOSIS OF OVERWEIGHT AND OBESITY D.M.L. Vieira, A.D. Borges, M.C.C. Tenório, C.K.C. Sá FTC, Salvador - Ba, Brazil</p>	357

P402 Poster Session

PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

4	<p>ROLE OF BLOOD UREA NITROGEN TO CREATININE RATIO IN THE PREDICTION OF INTRAVASCULAR VOLUME STATUS IN PATIENTS WITH SYSTOLIC HEART FAILURE M. Aldeiri, W.I. Khalife, M. Morsy, P. Nalabothu, A. Khanfar University of Texas Medical Branch (UTMB), Galveston, TX, USA</p>	358
5	<p>VALUE OF THE ECG IN THE DIAGNOSIS OF THE DIASTOLIC DYSFUNCTION M. Morsy, W.I. Khalife, P. Nalabothu, A. Khan, H. Van, S. Mutnuri, S. Hussein, S. Onguti University of Texas Medical Branch (UTMB), Galveston, TX, USA</p>	359
6	<p>ANEMIA IS A MARKER OF DIASTOLIC DYSFUNCTION IN MEN M. Morsy, W.I. Khalife, P. Nalabothu, A. Khan, V. Hoang, S. Onguti University of Texas Medical Branch (UTMB), Galveston, TX, USA</p>	360
7	<p>EFFECTS OF EARLY STAGE DIASTOLIC DYSFUNCTION ON FUNCTIONAL CAPACITY W.I. Khalife, M. Morsy, P. Nalabothu, A. Khan, H. Van, S. Mutnuri University of Texas Medical Branch (UTMB), Galveston, TX, USA</p>	361
8	<p>PREDICTORS OF RECOVERY IN PATIENTS WITH SEVERE SYSTOLIC HEART FAILURE W.I. Khalife, R. Al-Najjar, A. Al-Emam, A. Khanfar University of Texas Medical Branch (UTMB), Galveston, TX, USA</p>	362
9	<p>THE CARDIOVASCULAR CAPACITY RESERVE CONTROL IS THE NAME OF THE GAME: A NOVEL HYPOTHESIS COMPREHENSIVELY EXPLAINS SHOCK AND HEART FAILURE U. Gabbay, B.Z. Bobrovsky, Cardio Scale Ltd., Tel Aviv University, Tel Aviv, Israel</p>	363

SUNDAY, JULY 29, 2012

P402 **Poster Session** **PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME**

Board No		Abstract No.
10	CORRELATION BETWEEN DIASTOLIC DYSFUNCTION AND BODY MASS INDEX WITH ABNORMAL LIVER FUNCTION TEST (LFT) A.R. Al Emam, W.I. Khalife , M. Morsy, P. Nalabothu University of Texas Medical Branch (UTMB), Galveston, TX, USA	364
11	DOES AGE AND SEX PREDICT MORTALITY IN PATIENTS WITH SEVERE SYSTOLIC HEART FAILURE? W.I. Khalife , P. Nalabothu, A. Al Emam, M. Morsy University of Texas Medical Branch (UTMB), Galveston, TX, USA	365

P403 **Poster Session** **PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE**

12	T-WAVE REVERSION DURING EXERCISE STRESS TESTING IN PEDIATRIC PATIENTS W. Hoyt, B.C. Cannon, C.S. Snyder Rainbow Babies and Children's Hospital, Cleveland, OH, USA	366
13	LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN ASYMPTOMATIC ADOLESCENTS: PREVALENCE AND ASSOCIATED FACTORS C. Esis , M. Bracho, A. Gonzalez, E. Silva, G. Bermudez, J. Villasmil, S. Briceno, G. Calmon, E. Clavell Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela	367
14	GERBODE TYPE DEFECT IN ADULTS AFTER REPAIR OF TETRALOGY OF FALLOT S. Yalonetsky , A. Lorber, R. Wald, E. Oechslin Rambam Hospital, Haifa, Israel	368
15	TREATMENT AND SEVEN YEAR FOLLOW UP OF A FETUS WITH SUPRAVENTRICULAR TACHYCARDIA AND HYDROPS: A CASE REPORT R.M. Atkins, S. Baker University of Oklahoma, Oklahoma City, OK, USA	369
16	CLINICAL PROFILE AND OUTCOMES OF PREGNANT PATIENTS WITH CONGENITAL HEART DISEASE AT THE UNIVERSITY OF THE PHILIPPINES-PHILIPPINE GENERAL HOSPITAL (UP-PGH) M.J.T. Reyes , R.B. Capito, F.R. Punzalan, U- Philippine General Hospital, Manila, Philippines	370

SUNDAY, JULY 29, 2012

P404 **Poster Session** **NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES**

Board No		Abstract No.
17	INCREMENTAL DIAGNOSTIC VALUE OF DYNAMIC CT-BASED MYOCARDIAL PERFUSION IMAGING FOR THE DETECTION OF HEMODYNAMIC RELEVANT CORONARY ARTERY STENOSIS AS DETERMINED BY FRACTIONAL FLOW RESERVE M. Greif , F. von Ziegler, J. Tittus, C. Becker, F. Bamberg, A. Becker University of Munich, Department of Cardiology, Munich, Germany	371
18	NON-INVASIVE RESPIRATORY MONITORING IN HEART FAILURE PATIENTS UNDERGOING INTERVENTIONAL PROCEDURES A. Panasyuk, M.J. Lalli, N. Yocum, S. Panasyuk, R. Lew, E.P. Messina S.C. Morss , C.J. Voscopoulos, J. E. Freeman Respiratory Motion, Inc., Waltham, MA, USA	372
19	THE ELECTROCARDIOGRAM LACKS SENSITIVITY FOR THE DETECTION OF MYOCARDITIS S. Jhamnani , A. Fuisz, J. Lindsay, Washington Hospital Center, Washington DC, USA	373

P405 **Poster Session** **INTERVENTIONAL CARDIOLOGY II**

20	COMPARISON OF INTERVENTION WITH DRUG ELUTING STENT AND MEDICAL TREATMENT IN PATIENT WITH CHRONIC TOTAL OCCLUSION H. Kim , E.H. Choo, Y.S. Ko, W.S. Chung, K.B. Seung The Catholic University of Korea, Seoul, Korea	374
21	COMPARISON OF CONTRAST-INDUCED NEPHROTOXICITY OF IODIXANOL AND IOPROMIDE IN PATIENTS WITH RENAL INSUFFICIENCY UNDERGOING CORONARY ANGIOGRAPHY T. J. Youn , K.J. Ahn, D.H. Shin, I.H. Chae, D.J. Choi Seoul National University, Seoul, Korea	375
22	NON RANDOMIZED TRIAL COMPARING SAME-DAY DISCHARGE WITH OVERNIGHT HOSPITAL STAY AFTER CORONARY ANGIOPLASTY J.M. Telayna , C. Garcia, R.A. Costantini Hospital Universitario Austral, Buenos Aires, Argentina	376
23	CORONARY DISEASE IN PATIENTS WITH BIFURCATION LESIONS T. Gil-Jimenez , L.A. Inigo-Garcia, A. Ramirez-Moreno, J.R. Siles-Rubio, C. Medina-Palomo, L. Fernandez-Lopez, O. Sanz-Vazquez, J.F. Munoz-Bellido, M. Pombo-Jimenez, F. Ruiz-Mateas, Hospital Costa del Sol, Marbella, Spain	377
24	EXCELLENT OUTCOMES WITH PERCLOUSE IN A LARGE NUMBER OF UNSELECTED PATIENTS UNDERGOING CARDIOVASCULAR PROCEDURES G.S. Kang , UPMC Hamot Hospital, Erie, PA, USA	378
25	GRADUAL DECLINE IN IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION IN DIABETES AND NON-DIABETES PATIENTS M-R. Movahed , M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, AZ, USA	379

SUNDAY, JULY 29, 2012

P406 **Poster Session** **ACUTE CORONARY SYNDROMES: BASIC AND CLINICAL**

Board No		Abstract No.
26	ESTABLISHMENT OF CORONARY MICROEMBOLI VOLUME CAUSING VISIBLE MYOCARDIAL MICROINFARCTS ON MDCT AND MRI M. Saeed , S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson University of California San Francisco, CA, USA	380
27	A RE-AUDIT ON THE USE AND PRESCRIPTION OF SUPPLEMENTAL OXYGEN IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROME IN THE CORONARY CARE UNIT K. Ghoorah , J. Cam, D.P. Ripley, N. Swanson, M.A. de Belder, A. Harper Newcastle University, Newcastle Upon Tyne, UK	381
28	CARDIAC ELECTROPHYSIOLOGY, INJURY BIOMARKERS AND MYOCARDIAL VIABILITY IN VARIOUS TYPES OF ISCHEMIC INSULTS M. Saeed , S.W. Hetts, L. Do, M.W. Wilson University of California, San Francisco, CA, USA	382

P407 **Poster Session** **ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI**

29	BLACK RACE A PREDICTOR OF HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY ROOM R.K. Sharma , H.K. Reddy, S.W. Erickson, R.K. Sharma, D.J. Voelker, H. Dod, R. Legaspi, V.N. Singh, J.D. Marsh University of Arkansas for Medical Sciences, Little Rock, AR, USA	383
30	A STUDY ON THE EFFICACY AND SAFETY OF A LOW DOSE CLOPIDOGREL USAGE IN CHINESE PEOPLE AFTER DRUG ELUTING STENT IMPLANTATION FOR 3 YEARS W. Fang , W.Z. Han, H. Chen, X.B. Qiu, X.M. Hou, Y.J. Xu, S.F. Guan, R.G. Li Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China	384



INTERNATIONAL ACADEMY OF CARDIOLOGY
17th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, , JULY 27 – 30, 2012

**SCIENTIFIC
PROGRAM**

Monday, July 30, 2012

S
C
I
E
N
T
I
F
I
C
P
R
O
G
R
A
M

MONDAY, JULY 30, 2012

08:30 – 11:00

Hall A

PL15	Plenary Session HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS	Abstract No.
	Chairs: U. Elkayam , Los Angeles, CA, USA H.N. Sabbah , Detroit, MI, USA	
08:30	STEPS TO PREVENT HEART FAILURE (Invited Lecture) H.K. Reddy , University of Arkansas for Medical Sciences, Little Rock, AR, USA	385
08:45	THYROID HORMONE DYSFUNCTION AND HEART FAILURE: FEAR OF OVERTREATMENT MAY BE CAUSING HARM (Invited Lecture) A.M. Gerdes , New York College of Osteopathic Medicine, Old Westbury, NY, USA	386
09:00	INTERNATIONAL CLINICAL TRIALS: GOOD FOR THE NEW WORLD BAD FOR THE THIRD WORLD (Invited Lecture) S. Goldstein , Henry Ford Hospital, Detroit, MI, USA	387
09:15	AGING AND HEART FAILURE: ROLE OF HEALING AFTER MYOCARDIAL INFARCTION (Invited Lecture) B.I. Jugdutt , University of Alberta and Hospitals, Edmonton, Alberta, Canada	388
09:30	BAROREFLEX STIMULATION FOR THE TREATMENT OF HEART FAILURE (Invited Lecture) H.N. Sabbah , Henry Ford Hospital, Detroit, MI, USA	389
09:45	NOVEL HEMODYNAMIC RISK FACTORS FOR NEW - ONSET HEART FAILURE IN THE GENERAL POPULATION (Invited Lecture) J.A. Chirinos , University of Pennsylvania School of Medicine Philadelphia, PA, USA	390
10:00	MANAGEMENT OF PATIENT WITH ADVANCED HEART FAILURE (Invited Lecture) M.H. Pitzalis , East Carolina University, The Brody School of Medicine, Greenville, NC, USA	391
10:15	BLOOD UREA NITROGEN: AN EMERGING BIOMARKER FOR NEUROHORMONAL ACTIVATION IN HEART FAILURE (Invited Lecture) A. Kazory , University of Florida, Gainesville, FL, USA	392
10:30	DIET IN THE PREVENTION AND MANAGEMENT OF HEART FAILURE (Invited Lecture) C. Chrysohoou , First Cardiology Clinic, University of Athens, Greece	393
10:45	INCREASED RENAL ENAC SUBUNITS AND SODIUM RETENTION IN RATS WITH CHRONIC HEART FAILURE (Invited Lecture) H. Zheng , University of Nebraska Medical Center, Omaha, NE, USA	394
11:00	COFFEE, VISIT POSTERS AND EXHIBITION	

MONDAY, JULY 30, 2012

08:30 – 10:45

Hall B

PL16 Plenary Session
NOVEL CARDIOPROTECTIVE THERAPIES

Chairs: **Y. Birnbaum**, Houston, TX, USA
P.K. Singal, Winnipeg, MB, Canada

Abstract No.

- | | | |
|-------|---|-----|
| 08:30 | EARLY INSULIN TREATMENT AMELIORATES POST-ISCHEMIC HEART FAILURE BY INHIBITION OF MYOCARDIAL CAMKII AND P38 MAPK ACTIVITY (Invited Lecture)
F. Gao , The Fourth Military Medical University, Xi'an, China | 395 |
| 08:45 | THE ROLE OF MYD88 IN THE ANTI-APOPTOTIC EFFECTS OF INTERLEUKIN-10 (Invited Lecture)
P.K. Singal , St. Boniface Hospital Research Centre, Winnipeg, MB, Canada | 396 |
| 09:00 | AMPLIFICATION OF THE MYOCARDIAL INFARCT SIZE LIMITING EFFECTS OF GLP-1 RECEPTOR ACTIVATION BY CILOSTAZOL, A PHOSPHODIESTERASE III INHIBITOR (Invited Lecture)
Y. Ye, Y. Birnbaum
Baylor College of Medicine, Houston, TX, USA | 397 |
| 09:15 | MOLECULAR MECHANISMS OF THE BENEFICIAL CARDIOVASCULAR EFFECTS OF TRANS-RESVERATROL (Invited Lecture)
U. Forstermann , Johannes Gutenberg University Medical Center, Mainz, Germany | 398 |
| 09:30 | OXYTOCIN – AN ANTI-OBESITY AND CARDIOPROTECTIVE MOLECULE (Invited Lecture)
D. Jezova , Institute of Experimental Endocrinology, Bratislava, Slovakia | 399 |
| 09:45 | LEFT VENTRICULAR FAILURE PRODUCES PROFOUND LUNG REMODELING AND PULMONARY HYPERTENSION: HEART FAILURE CAUSES SEVERE LUNG DISEASE (Invited Lecture)
Y. Chen , University of Minnesota, Minneapolis, MN, USA | 400 |
| 10:00 | THERAPEUTIC POTENTIAL OF TISSUE INHIBITOR OF METALLOPROTEINASES (TIMPS) FOLLOWING MYOCARDIAL INFARCTION (Invited Lecture)
Z. Kassiri , University of Alberta, Edmonton, AB, Canada | 401 |
| 10:15 | TRICYCLIC PSYCHIATRIC ANTIDEPRESSANTS AS ALPHA2A ADRENERGIC RECEPTOR LIGANDS MODULATING RECEPTOR FUNCTION (Invited Lecture)
Q. Wang , University of Alabama at Birmingham, AL, USA | 402 |
| 10:30 | THE INFLUENCE OF ACUTE MATRIX METALLOPROTEINASE ACTIVITY ON MYOCARDIAL DYSFUNCTION ASSOCIATED WITH URGENT CARDIAC SURGERY: CARDIOPROTECTIVE EFFECTS OF INHIBITION
E.S. Teh , D.J. Chambers
The Rayne Institute (King's College London), London, UK | 403 |
| 10:45 | COFFEE, VISIT POSTERS AND EXHIBITION | |

MONDAY, JULY 30, 2012

08:30 – 10:15 Hall C

S33 Session		
INTERVENTIONAL CARDIOLOGY		
Chairs: B.F. Uretsky , Little Rock, AR, USA G.W. Vetrovec , Richmond, VA, USA		
		Abstract No.
08:30	DEDICATED STENT TREATMENT VERSUS STANDARD TREATMENT FOR CORONARY BIFURCATIONS: LONG-TERM FOLLOW-UP T. Gil-Jimenez , L.A. Inigo-Garcia, J.R. Siles-Rubio, A. Ramirez-Moreno, L. Fernandez-Lopez, C. Medina-Palomo, M. Pombo-Jimenez, J.F. Munoz-Bellido, O. Sanz-Vazquez, F. Ruiz-Mateas, Hospital Costa de Sol, Marbella, Spain	404
08:45	A MULTIDISCIPLINARY EFFORT TO DECREASE VASCULAR COMPLICATIONS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (PCI) P. Muthusamy, D. Busman , D. Wohns Grand Rapids Medical Education Partners, Grand Rapids, MI, USA	405
09:00	META-ANALYSIS OF TRIALS INVOLVING CHRONIC TOTAL OCCLUSIONS M. Khan, M-R. Movahed The Southern Arizona VA Health Care System, University of Arizona Sarver Heart Center, Tucson, AZ, USA	406
09:15	TRANSRADIAL CATHETERIZATION AND M-SIGN G.H. Abusaid , W.I. Khalife, University of Texas Medical Branch, Galveston, TX, USA	407
09:30	ADJUNCTIVE USE OF CORONARY EXCIMER LASER FOR LESIONS UNSUCCESSFULLY CROSSED WITH CORONARY BALLOONS A. Singh, G. Srinivas , S. Singhal, D. Jauhar, B. Kaplan, R. Jauhar, B. Arkonac Long Island Jewish Medical Center, New Hyde Park, NY, USA	408
09:45	GENDER AND AGE PREDICT HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY DEPARTMENT H.K. Reddy , R. Sharma, S.W. Erickson, D.J. Voelker, M. Moazazi, H. Dod, V.N. Singh, J.D. Marsh, R.K. Sharma University of Arkansas for Medical Sciences, Little Rock, AR, USA	409
10:00	CLINICALLY RELEVANT COMPOSITE OUTCOMES IN THE TREATMENT OF SYMPTOMATIC CORONARY ARTERY DISEASE (CAD) E.L. Woollard , L.J. Wood, K.V. Woollard, T.G. Briffa University of Western Australia, Perth WA, Australia	410
10:15	COFFEE, VISIT POSTERS AND EXHIBITION	

MONDAY, JULY 30, 2012

11:15 – 14:15 Hall A

PL17 Plenary Session		
OBESITY, METABOLIC SYNDROME AND DIABETES		
<i>Joint Session with the American Society for Preventive Cardiology</i>		
Chairs: M.A. Alpert , Columbia, MO, USA N.D. Wong , Irvine, CA, USA		
		Abstract No.
11:15	THE OBESITY PARADOX AND CARDIOVASCULAR DISEASE (Invited Lecture) M.A. Alpert , University of Missouri-Columbia School of Medicine, Columbia, MO, USA	411
11:30	THE EFFECT OF DIABETES ON SEX/GENDER DIFFERENCES IN CARDIOVASCULAR DISEASE: THE RANCHO BERNARDO STUDY (Invited Lecture) E. Barrett-Connor , University of California San Diego, La Jolla, CA, USA	412
11:45	ENDOTHELIAL DYSFUNCTION IN HYPERTENSION, DIABETES AND OBESITY (Invited Lecture) T. Malinski , Chemistry and Biochemistry Ohio University, Athens, OH, USA	413
12:00	SCREENING FOR CVD IN METABOLIC SYNDROME AND DIABETES? (Invited Lecture) N.D. Wong , Heart Disease Prevention Program, Division of Cardiology, University of California, Irvine, CA, USA	414
12:15	CARDIOVASCULAR DISEASE PREVENTION IN PATIENTS WITH DIABETES (Invited Lecture) G.L. Fung , UCSF Medical Center at Mt. Zion, San Francisco, CA, USA	415
12:30	REFINING RISK ASSESSMENT IN DIABETIC DYSLIPIDEMIA AFTER ACHIEVING LDL-C GOAL (Invited Lecture) O.P. Ganda , Harvard Medical School, Boston, MA, USA	485
12:45	NON-INVASIVE ULTRASOUND EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS: PROGRESS AND PITFALLS (Invited Lecture) J.M. Gardin , Hackensack University Medical Center, Hackensack, NJ, USA	416
13:00	GENETIC RISK FACTORS FOR CARDIOVASCULAR DISEASE IN TYPE 2 DIABETES (Invited Lecture) L. Qi , Harvard School of Public Health, Boston, MA, USA	417
13:15	EFFICACY AND SAFETY OF SAXAGLIPTIN IN PATIENTS WITH TYPE 2 DIABETES AND HISTORY OF CARDIOVASCULAR DISEASE W. Cook , B. Bryzinski, J. Slater, M. Donovan, E. Allen Medical Affairs, AstraZeneca, Wilmington, DE, USA	418
13:30	ELEVATED AMBULATORY PULSE PRESSURE IN HYPERTENSIVE PATIENTS WITH TYPE 2 DIABETES: THE HYGIA PROJECT D.E. Ayala, A. Moya, S. Gomara, J.J. Crespo, M.C. Castineira, J.J. Sanchez, M. Dominguez, A. Mojon, J.R. Fernandez, R.C. Hermida , University of Vigo, Spain	419

MONDAY, JULY 30, 2012

PL17 Plenary Session

OBESITY, METABOLIC SYNDROME AND DIABETES

Joint Session with the American Society for Preventive Cardiology (cont)

		Abstract No.
13:45	AMBULATORY BLOOD PRESSURE THRESHOLDS FOR DIAGNOSIS OF HYPERTENSION IN TYPE 2 DIABETES BASED ON CARDIOVASCULAR OUTCOMES R.C. Hermida , D.E. Ayala, A. Mojon, J.R. Fernandez, University of Vigo, Spain	420
14:00	EFFICACY AND SAFETY OF SAXAGLIPTIN IN PATIENTS WITH TYPE 2 DIABETES STRATIFIED BY CARDIOVASCULAR RISK FACTORS W. Cook , J. Slater, B. Bryzinski, M. Donovan, E. Allen Medical Affairs, AstraZeneca, Wilmington, DE, USA	421

11:15 – 13:45

Hall B

S34 Session

HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES

Chairs: **B.I. Jugdutt**, Edmonton, AB, Canada

M.H. Pitzalis, Greenville, NC, USA

11:15	BIOIMPEDANCE VECTOR ANALYSIS IN THE DIAGNOSIS OF ACUTE DECOMPENSATED HEART FAILURE IN THE EMERGENCY DEPARTMENT D.W. Kehl , R. Choudhary, B. Dieffenbach, P. Clopton, P.R. Taub, A.S. Maisel University of California at San Diego, San Diego, CA, USA	422
11:30	THE ROLE OF RIGHT VENTRICULAR FUNCTION IN PEDIATRIC IDIOPATHIC DILATED CARDIOMYOPATHY A. Groner , J. Yu, H. Ko, J. Nielsen, I. Lytrivi, I. Parness, S. Srivastava Mount Sinai Medical Center, New York, NY, USA	423
11:45	IS "CHRONOTROPIC INCOMPETENCE" AN ADAPTIVE MECHANISM IN SYSTOLIC HEART FAILURE? J. Shirani , T.H. LeJemtel St. Luke's University Health Network, Bethlehem, PA, USA	424
12:00	PROGNOSTIC UTILITY OF QRS FRAGMENTATION IN PATIENTS WITH NON ISCHEMIC CARDIOMYOPATHY V.M. Alla, O. Bansal, S. Kanuri, M.B. Jayanna, Y.M. Reddy, M. Kaushik , D. Lakkireddy, A. Mooss Creighton University, Omaha, NE, USA	425
12:15	TAKOTSUBO CARDIOMYOPATHY AND STROKE M.L. Young, J. Stoehr, M.I. Aguilar, F.D. Fortuin Midwestern University, Glendale, AZ, USA	426
12:30	MICRORNAS AS A WINDOW INTO CELLULAR PROCESSES OCCURRING SOON AFTER ACUTE MYOCARDIAL INFARCTION C. Watt , P. Sirish, N. Chiamvimonvat, J. López University of California, Davis, Sacramento, CA, USA	427

MONDAY, JULY 30, 2012

S34	Session HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES (cont)	Abstract No.
12:45	EVALUATION OF ATRIAL ASYNCHRONY IN HEART FAILURE PATIENTS BY 2D SPECKLE TRACKING USING VELOCITY VECTOR IMAGING M. Esmailzadeh , M. Nikparvar, M. Maleki, F. Noohi, S.Z.M. Ojaghighi Haghighi, P. Nakhostin Davari, H. Bakhshandeh Tehran University of Medical Sciences, Rajaie Cardiovascular Medical and Research Center, Tehran, Iran	428
13:00	FREQUENCY OF IMPLANTABLE DEFIBRILLATOR (ICD) USE IN SEVERE SYSTOLIC HEART FAILURE AND EFFECTS ON MORTALITY R. Al-Najjar, T. Abu Sharifeh, A. Al Emam, A. Khanfar, W.I. Khalife University of Texas Medical Branch, Galveston, TX, USA	429
13:15	BETA BLOCKER UPTITRATION POST CRT: A SINGLE CENTER EXPERIENCE F.A. McGrew, E.E. Johnson, M.A. Coppess, J. Foon, S.B. Charlton, T.A. Charlton, J.J. Sims Stern Cardiovascular Clinic, Germantown, TN, USA	430
13:30	PROBNP AND TROPONIN COMBINED IS A STRONGER PREDICTOR OF READMISSIONS COMPARED TO PROBNP ALONE IN CHF PATIENTS N.C. Bhalodkar, A. Alvi, R. Alvi , U. Khan, J. N. Bella, M. Afshar Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA	431

11:15 – 13:45

Hall C

S35	Session ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT	
	Chairs: M.E. Farkouh , Toronto, ON, Canada Y. Ueda , Osaka, Japan	
11:15	DIABETES MELLITUS IS A PREDICTOR OF HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY ROOM R.K. Sharma , S.W. Erickson, R. Sharma, D.J. Voelker, F. Forsea, H. Dod, V.N. Singh, H.K. Reddy, J.D. Marsh University of Arkansas for Medical Sciences, Little Rock, AR, USA	432
11:30	MRI EVALUATION OF LEFT VENTRICULAR FUNCTION POST CORONARY OCCLUSION/REPERFUSION AND EMBOLIZATION IN SWINE MODEL M. Saeed , S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson University of California San Francisco, CA, USA	433

MONDAY, JULY 30, 2012

S35	Session	Abstract No.
	ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT (cont)	
11:45	ANTIDEPRESSANT USE, SEROTONIN TRANSPORTER AFFINITY, AND REINFARCTION AMONG PATIENTS RECEIVING CLOPIDOGREL: A POPULATION-BASED STUDY N. Fnais , M. Alshaikh, Z. Yao, T. Gomes, D. Juurlink, M. Mamdani King Saud University, Riyadh, Saudi Arabia	434
12:00	SERUM CORIN IS REDUCED AND PREDICTS ADVERSE OUTCOME IN NON S-T ELEVATION ACUTE CORONARY SYNDROME A. Peleg , Y. Hasin, Poriya Hospital, Tiberias, Israel	435
12:15	TRANSRADIAL PERCUTANEOUS CORONARY ANGIOPLASTY IN ACUTE MYOCARDIAL INFARCTION J.M. Telayna , R.A. Costantini, C. Garcia Hospital Universitario Austral, Buenos Aires, Argentina	436
12:30	A SINGLE CENTER REAL WORLD COMPARISON OF PROCEDURE TIMES IN THE TRANSRADIAL AND TRANSFEMORAL APPROACHES TO PRIMARY PCI M.J. Martinelli , K.M. Forbush, M.E. Sturm, C.L. Lasky, M. Fecko St. Peter's Hospital, Albany, NY, USA	437
12:45	DIFFERENCES IN THE USE OF CARDIAC PROCEDURES BETWEEN WOMEN AND MEN FOLLOWING HOSPITAL ADMISSION WITH ACUTE MYOCARDIAL INFARCTION: IS THE GAP GETTING NARROWER? N.N. Singh , V.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow Suncoast Cardiovascular Research, St Petersburg, FL, USA	438
13:00	CHALLENGES IN THE MANAGEMENT OF POSTPARTUM SPONTANEOUS CORONARY ARTERY DISSECTION A.G. Truesdell, J. Li, G.A. Delgado , J.D. Abbott, M.K. Atalay, A.K. Singh Warren Alpert Medical School of Brown University, Providence, RI, USA	439
13:15	ETHNIC VARIATIONS IN PRESENTATION AND DOOR TO BALLOON TIME IN PATIENTS WITH STEMI K. Heretis, E. Shlofmitz , M. Balek, C. Park, A.J. Buda New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA	440
13:30	REVASCULARIZATION WITH PERCUTANEOUS TECHNIQUES OR SURGERY IS ASSOCIATED WITH IMPROVED IN-HOSPITAL SURVIVAL IN ELDERLY PATIENTS HOSPITALIZED WITH ACUTE MYOCARDIAL INFARCTION V.N. Singh , N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow University of South Florida College of Medicine, Tampa, FL, USA	441

MONDAY, JULY 30, 2012

08:00 – 13:00

Poster Hall

P501 Poster Session

PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

Board No		Abstract No.
1	<p>ROLE OF DIETARY HABITS AMONG THREE DIFFERENT ETHNIC GROUPS IN ST-SEGMENT ELEVATED MYOCARDIAL INFARCTION (STEMI) G. Peretto, A. Durante, A. Laricchia, F. Ancona, M. Spartera, U. NG, D. Hu, N. Cristell, A. Maseri, D. Cianflone Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy</p>	442
2	<p>BORDERLINE HIGH LDL-C AND ENDOTHELIAL VASOCONSTRICTOR TONE K.J. Diehl, J.J. Greiner, B.L. Stauffer, C.A. DeSouza University of Colorado, Boulder, CO, USA</p>	443
3	<p>ASSOCIATION OF PHYSICAL ACTIVITY IN A YOUNG STUDENT POPULATION FROM THE CITY OF CAMPINAS, BRAZIL J.F.K. Saraiva, D.J.B. Saraiva, A. Avezum, A. Thimerman, L.A.M. Cesar, J.R.Z. Mendes, C.C. Magalhaes Sao Paulo State Cardiology Society, Sao Paulo, SP, Brazil</p>	444
4	<p>A SCHOOL-BASED EDUCATIONAL INTERVENTION ON CARDIOVASCULAR DISEASE RISK FACTOR KNOWLEDGE AMONG IRANIAN HIGH SCHOOL STUDENTS F. Khoshkhou, A. Arbabisarjou Islamic Azad University of Zahedan Branch, Zahedan, Iran</p>	445
5	<p>RELATIONSHIP OF CARDIOMETABOLIC RISK FACTORS, REVEALED IN HEALTH CENTERS, AND DATA OF DISPERSION ECG-CARTING M.V. Avdeeva, A.B. Shapovalova, L.V. Scheglova St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia</p>	446
6	<p>INCREASED PSYCHOSOCIAL STRESS IN GREEK MIGRANTS WITH CHD: THE HEALTHY HEART, HEALTHY MIND STUDY L.A. Kiroopoulos, I. Meredith, A. Tonkin, D. Clarke, P. Antonis, J. Plunkett University of Melbourne, Melbourne and Monash University, Melbourne, Australia</p>	447
7	<p>EFFECT OF SUPPLEMENTATION OF FOLIC ACID & VITAMIN B12 ON CARDIOVASCULAR MORTALITY & HYPERHOMOCYSTEINEMIA IN CHRONIC KIDNEY DISEASE Nitya Nand PGIMS, Rohtak, India</p>	448
8	<p>HYPOMAGNESAEMIA IN CARDIO-CEREVROVASCULAR DISEASE IS LINKED OF SOME RISK FACTORS OF ATHEROSCLEROSIS AND OF MISSING TOOTH, IN PATIENTS FROM ROMANIA I.A. Gutiu, L.I. Gutiu, F.S. Radulescu, M. Cojocaru Military Emergencies Hospital, Bucuresti, Romania</p>	449

MONDAY, JULY 30, 2012

P502 Poster Session VALVULAR HEART DISEASE / HEART VALVE SURGERY

Board No		Abstract No.
9	BALLOON VALVULOPLASTY AS A BRIDGE TO AORTIC VALVE REPLACEMENT: A SINGLE CENTER EXPERIENCE A.D. Patel , J. Stewart, E. Clermont, K. Mavromatis, V. Babaliaros Emory University School of Medicine, Atlanta, GA, USA	450
10	A SINGLE TERTIARY CARE CENTER EXPERIENCE WITH BMV (BALLOON MITRAL VALVOTOMY) IN PREGNANT WOMEN IN INDIA S.C. Mishra , A. Banerji Base Hospital Delhi Cantt, New Delhi, Delhi, India	451
11	PREOPERATIVE LEFT VENTRICULAR FUNCTION IN DEGENERATIVE MITRAL VALVE DISEASE E. Malev, G. Kim, M. Omelchenko, L. Mitrofanova, M. Prokudina , E. Zemtsovsky Almazov Federal Heart, Blood and Endocrinology Centre, Russia	452
12	IS LEFT ATRIAL SIZE A HIGH RISK FOR POST-OPERATIVE ATRIAL FIBRILLATION AFTER AORTIC VALVE REPLACEMENT G.H. Yao, R. Ali, J. Cui, D. Engelman, D. Deaton, J. Flack III, J.R. Cook, J. Rousou, L. Jiang Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA	453
13	DOES PRE-OPERATIVE CHRONIC KIDNEY DISEASE ESTIMATED BY CKD-EPI FORMULA IMPACT LONG-TERM SURVIVAL FOLLOWING AORTIC VALVE SURGERY? A. Kossar , M. Ji, H. Yerebakan, S. Jones, L. Soni, T. Raza, B.C. Esrig, M. Argenziano, F.H. Cheema Columbia University, New York, NY, USA	454
14	UNDERSTANDING OF THE ETIOLOGY OF DEGENERATIVE MITRAL VALVE DISEASE BY ECHOCARDIOGRAPHY, SURGEON AND PATHOLOGIST E. Malev, G. Kim, L. Mitrofanova, M. Gordeev, M. Prokudina , E. Zemtsovsky Almazov Federal Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia	455
15	CAN DIASTOLIC FUNCTION PARAMETERS BE USED TO DETERMINE THE TIMING OF SURGERY IN PATIENTS WITH SEVERE AORTIC STENOSIS? M.Q. Najib , J.L. Ganji, A. Raizada, H.R. Lee, H.P. Chaliki Mayo Clinic, Scottsdale, AZ, USA	456
16	IMPACT OF N-TERMINAL BNP LEVELS IN PATIENTS WITH SEVERE VALVULAR AORTIC STENOSIS T. Thomas, C.N. Manjunath, S. Banu Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore, India	457
17	ANALYSIS OF MORBIDITY, MORTALITY AND RISK FACTORS IN PATIENTS UNDERGOING MITRAL VALVE REPLACEMENT WITH 'CONTINUOUS SUTURE TECHNIQUE' S.K. Singh , V. Devenraj, S.K. Dwivedi, D. Kaushal, A. Kumar, V. Tewarson, T. Goyal, S. Kumar, N. Rajput, S. Kumar CSM Medical University, Lucknow, India	458

MONDAY, JULY 30, 2012

P502 **Poster Session** **VALVULAR HEART DISEASE / HEART VALVE SURGERY**

Board No		Abstract No.
18	DOES BMI OR METABOLIC SYNDROME PREDICT OUTCOME AFTER MINIMALLY INVASIVE CARDIAC SURGERY? M. Ji , A. Kossar, H. Yerebakan, B.C. Esrig, T. Raza, L. Soni, S. Jones, M. Argenziano, F.H. Cheema Columbia University, New York, NY, USA	459
19	VALVE SURGERY IN ENDOCARDITIS AND NON-ST-ELEVATION MYOCARDIAL INFARCTION WITHOUT CORONARY ANGIOGRAM M.M. Paulpillai , S. Dadkhah, S. Dowlatshahi, M. Shahreyar, M.A. Furghani, R. Sharain St. Francis Hospital, Evanston, IL, USA	460
20	HIGHER PREVALENCE OF PHYSICAL SYMPTOMS REPORTED IN SUBJECTS WITH MITRAL VALVE PROLAPSE IS RELATED TO HIGHER PREVALENCE OF FEMALE GENDER WITH MITRAL VALVE PROLAPSE AND NOT DUE TO PRESENCE OF MITRAL VALVE PROLAPSE M.R. Movahed , S. Bates University of Arizona Sarver Heart Center Tucson, AZ, USA	461
21	TGF-BETA ANTIGENE EXPRESSION AND CALCIFIC AORTIC STENOSIS N.N. Parfenova, E.V. Dubova, S.I. Khasanova, L.B. Mitrofanova, E.V. Zemtsovsky, M. Prokudina Almazov Federal Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia	462

P503 **Poster Session** **CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT**

22	LONG TERM FUNCTIONAL BENEFITS OF EPICARDIAL PATCHES AS CELL CARRIERS H. Hamdi , V. Planat-Benard, A. Bel, H. Neamatalla, M-C. Perrier, L. Casteilla, M. Pucéat, A.A. Hagège, O. Agbulut, P. Menasché INSERM U633, Laboratory of Biosurgical Research, University Paris Descartes, Paris, France	463
23	CORONARY CALCIFICATIONS ARE NOT A MARKER OF CARDIAC ALLOGRAFT VASCULOPATHY IN PATIENTS AFTER HEART TRANSPLANTATION F. von Ziegler , M. Greif, J. Ruemmler, C. Becker, B. Reichart, B. Meiser, I. Kaczmarek, G. Steinbeck, A. Becker Ludwig-Maximilians-University, Grosshadern Campus, Munich, Germany	464
24	DELETION OF CD98 IN MOUSE LYMPHOCYTES RESULTS IN CARDIAC ALLOGRAFTS ACCEPTANCE P. Zhu , Z. Liu, Q. Zhang, H. Tsumura, X-K. Li National Research Institute for Child Health and Development, China	465
25	LATE MYOCARDIAL INVOLVEMENT WITH PERICARDIAL CONSTRICTION CAUSED BY MEDIASTINITIS DUE TO THE DONOR TRANSMITTED KLEBSIELLA INFECTION AFTER HEART TRANSPLANTATION N. Arat , E. Pektok, C. Ciftci, N. Yazıcıoğlu, S. Kucukaksu Istanbul Bilim University, Istanbul, Turkey	466

MONDAY, JULY 30, 2012

Board No		Abstract No.
P503	Poster Session CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT	
26	EFFECT OF CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICE SUPPORT ON DIASTOLIC FUNCTION N. Nair , P. Lammert, S. John, D. Jupiter, E. Gongora, C. Tong TAMHSC College of Medicine, Temple, TX, USA	467
27	ESTIMATION OF GLOMERULAR FILTRATION RATE IN HEART TRANSPLANTATION RECIPIENTS: IS CKD-EPI EQUATION A SUPERIOR PROGNOSTIC INDICATOR THAN THE MDRD EQUATION? M. Ji , H. Yerebakan, A. Kossar, S. Jones, L. Soni, M. Argenziano, P.C. Schulze, H. Takayama, Y. Naka, F.H. Cheema Columbia University, New York, NY, USA	468
P504	Poster Session VASCULAR BIOLOGY, BASIC RESEARCH	
28	SERP-1 AND SERP-2, VIRAL ANTI-INFLAMMATORY PROTEINS, MODULATE SIGNALING IN HUMAN MONOCYTES J.A. Davids , S. Saikaly, N. Fife, A.R. Lucas University of Florida, Gainesville, FL, USA	469
29	THE STUDY OF INVITRO CARDIOVASCULAR EFFECTS OF CRATAEGUS ARONIA IN NORMOTENSIVE RATS M.S. Shekha, O. Al-Habib Faculty of Science, University of Zakho, Iraq	470
30	MODULATION OF AORTIC INWARD RECTIFIER POTASSIUM CHANNELS ACTIVITY BY HYDROGEN SULFIDE O. Al-Habib , A. Salihi, O. Moran, C. Picco, D. Baroni Faculty of Science, University of Zakho, Iraq	471
P505	Poster Session GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASE THERAPIES, BASIC RESEARCH	
31	GENE POLYMORPHISMS IL-1 RNY IL-1B-511 IN VENEZUELAN WITH CHRONIC CHAGASIC CARDIOMYOPATHY C.C. Rodríguez-Bonfante , M.A. Chiurillo-Siervo, L. Labrador-Montero Universidad Centroccidental Lisandro Alvarado, Barquisimeto, Lara, Venezuela	472
32	DYNAMICS OF MYOCARDIAL PERFUSION IN PATIENTS WITH CORONARY HEART DISEASE AND POST INFARCTION CARDIOSCLEROSIS AFTER STEM CELL THERAPY Z. Rahimov, A. Barotov, A. Dustov, M. Khidirov, U. Kurbonov, T. Gulmuradov, S. Muminjonov, A. Didari, S.S. Rahmonov, M. Mirshahi Cardio-Vascular Surgery and Hematology of Ministry of Health of the Republic of Tajikistan andUMRS 872, INSERM, Paris, France	473
33	THE ROLE OF GENE POLYMORPHISM IN FAMILIAR CARDIOMYOPATHY W.M. Alshaqha , K.A. Alabduhman, D.A. Dizmiri Imam Mohammed Bin Saud University, Riyadh, Saudi Arabia	474

MONDAY, JULY 30, 2012

P506 **Poster Session** **CARDIAC ARREST AND SUDDEN DEATH**

Board No		Abstract No.
34	ELECTROCARDIOGRAPHIC FINDINGS AMONG PATIENTS PRESENTING WITH CARDIAC ARREST AND NEUROLOGICAL EVENTS TREATED WITH HYPOTHERMIA M. Mohammadi , G. Baquero, J. Logue, S. Ettinger, J. Banchs Penn State Hershey Medical Center, Hershey, PA, USA	475
35	ATHEROSCLEROTIC HEART DISEASE BURDEN, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION, AND OUTCOMES IN CARDIAC ARREST SURVIVORS TREATED WITH THERAPEUTIC HYPOTHERMIA V.K. Khurana , B. Saour, T. Waters, Y. Ji, M. Torosoff Albany Medical Center, Albany, NY, USA	476
36	THE OCCURRENCE OF SHIVERING IN CARDIAC ARREST SURVIVORS UNDERGOING TARGETED TEMPERATURE MANAGEMENT IS ASSOCIATED WITH A GOOD NEUROLOGIC OUTCOME S.U. Nair , K. Ramya Kallur, S. Dolacky, J.B. Lundbye Hartford Hospital, Hartford, CT, USA	477
37	EXPLORING SUDDEN CARDIAC DEATH- AN AUTOPSY STUDY FROM SOUTH INDIA U.N. Srivatsa , K. Swaminathan, S.A. Munavarah, A. Selvamurugan, P.K. Dash, K. Shantaraman, UC Davis, CA, USA	478
38	CAN A WEARABLE CARDIOVERTER-DEFIBRILLATOR (WCD) BE USED FOR ANTIARRHYTHMIC MEDICATION INITIATION AND TITRATION? E.T. Karam, C. Pherson, N.R. Bianco , S.J. Szymkiewicz Zoll Medical, Pittsburgh, PA, USA	479

P507 **Poster Session** **CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION**

39	CAVO-TRICUSPID ISTHMUS CATHETER ABLATION WITHOUT FLUOROSCOPIC GUIDANCE: FIRST EXPERIENCE WITH CARTO 3 SYSTEM I. Uribe , M. Alvarez, L. Tercedor, G. Tortajada, M. Algarra, J. Jimenez, R. Macias, R. Melgares, Hospital Universitario Virgen de las Nieves, Granada, Spain	480
40	SHORT-COUPLED TORSADES DE POINTES: IS VENTRICULAR ECTOPY ALWAYS SHORT-COUPLED? A. Yin , R.T. Ho, D.R. Frisch, A.J. Greenspon, B.B. Pavri Thomas Jefferson University Hospital, Philadelphia, PA, USA	481
41	FLUOROSCOPIC VS NON-FLUOROSCOPIC IMAGING DURING PEDIATRIC CATHETER ABLATION: A TIME-SAFETY-COST-EFFICACY COMPARISON Y. Sanil , H. Singh, P.P. Karpawich The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA	482
42	BEST LEAD(S) REGARDING QT INTERVAL MEASUREMENT FOR BEDSIDE ECG MONITORING: A SYSTEMIC REVIEW S.L. Lo , H.S. Lo, H.C. Lo, F.C. Lin, S.C. Yeh Chang Gung University of Science and Technology, Taoyuan, Taiwan	483

MONDAY, JULY 30, 2012

P507 **Poster Session**
CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION

Abstract No.

43 INCREASED MORTALITY RISK DURING GRAVITATIONAL TRANSITION IN 484
HEART DISEASE MODEL
P. Rattanawong, W. Vuthikraivit, A. Charoensri, T. Bupha-Intr,
T. Ngarmukos, S. Tantiphanwadi, A. Kijtawornra, I. Miyoshi
Ramathibodi Hospital, Mahidol University, Bangkok, Thailand