SUNDAY, JULY 24, 2011

09:00 – 09:35  Hall A

OC: OPENING CEREMONY

Chairperson: John A. Elefteriades, New Haven, CT, USA

GREETINGS
Asher Kimchi, USA
Founder and Chairman
International Academy of Cardiology

John A. Elefteriades, USA
Chairman, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
International Academy of Cardiology

Jeffrey S. Borer, USA
Member, Scientific Executive Committee
Chairman, Section of Valvular Heart Disease
International Academy of Cardiology

Naranjan S. Dhalla, Canada
Member, Scientific Executive Committee
Chairman, Section of Molecular Cardiology
International Academy of Cardiology

Gordon L. Fung, USA
Member, Scientific Advisory Board
International Academy of Cardiology

Kenneth Maiese, USA
Member, Scientific Executive Committee
Chairman, Section of Vascular Biology
International Academy of Cardiology

PRESENTATION OF 2011 AWARDS
John A. Elefteriades, USA
Jeffrey S. Borer, USA

09:35 – 10:15  Hall A

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

Chairperson: J.D. Marsh, Little Rock, AR, USA

09:35  INTRODUCTION
J.D. Marsh, Little Rock, AR, USA

09:40  ANGIOGENESIS IN ATHEROSCLEROSIS: MECHANISM, ROLE AND THERAPEUTIC IMPLICATION (Invited Lecture)
J.L. Mehta, C.P. Hu, S. Mitra, M. Khaidakov, T. Sawamura, S. Ayyadevara, P. Mehta, Molecular Cardiology, University of Arkansas for Medical Sciences, Little Rock, AR, USA

10:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
10:45 – 12:45 Hall A

**PL:01 Plenary Session**

**APOPTOSIS, TISSUE REGENERATION AND CARDIAC REMODELLING IN HEART DISEASE**

Chairpersons: **N.S. Dhalla**, Winnipeg, MB, Canada  
**K. Maiese**, Newark, NJ, USA

---

**10:45**  
**MECHANISMS OF GENDER DIFFERENCES IN CARDIAC REMODELING IN CONGESTIVE HEART FAILURE**  
(Invited Lecture)  
**N.S. Dhalla**, St Boniface Hospital Research Centre, Winnipeg, MB, Canada

**11:00**  
**EXTENDING VASCULAR LONGEVITY THROUGH SIRTUIN MEDIATED SIGNALING**  
(Invited Lecture)  
**K. Maiese**, University of Medicine & Dentistry of New Jersey, New Jersey Medical School, Newark, NJ, USA

**11:15**  
**GETTING THERE IS HALF THE FUN: CYTOKINE MODULATION OF CARDIAC FIBROBLAST MIGRATION**  
(Invited Lecture)  
**C.S. Long**, University of Colorado and Denver Health Medical Center, Denver, CO, USA

**11:30**  
**NOVEL ALTERNATIVE SPLICING OF DEATH GENE BNIP3 PROMOTES CELL SURVIVAL OF POST-NATAL VENTRICULAR MYOCYTES**  
(Invited Lecture)  
**L.A. Kirshenbaum**, Research Development Institute of Cardiovascular Sciences St. Boniface General Hospital Research Centre, Winnipeg, MB, Canada

**11:45**  
**OCCURRENCE OF AUTOPHAGY AND BRIDGING OF THE AUTOPHAGIC PROCESS TO APOPTOTIC AND NECROTIC CELL DEATH IN THE HUMAN HEART WITH END-STAGE HEART FAILURE**  
(Invited Lecture)  
**T.M. Scarabelli**, FTA of Internal Medicine and Pharmacology Wayne State University School of Medicine, Detroit, MI, USA

**12:00**  
**INDUCED PLURIPOTENT STEM CELLS IN CARDIAC REGENERATION**  
(Invited Lecture)  
**D.K. Singla**, University of Central Florida, Orlando, FL, USA

**12:15**  
**ROLE OF CARDIOMYOCYTE APOPTOSIS IN THE PATHOGENESIS OF CARDIAC REMODELING**  
(Invited Lecture)  
**S. Hikoso**, Osaka University Graduate School of Medicine, Suita, Japan

**12:30**  
**CANDESARTAN ATTENUATES AGING-INDUCED INCREASE IN MATRICELLULAR PROTEINS AND MATRIX PROTEASES AND LIMITS REMODELING DURING HEALING AFTER REPERFUSED MYOCARDIAL INFARCTION**  
**B.I. Jugdutt**, A. Palaniyappan, H. Idikio  
University of Alberta, Edmonton, Alberta, Canada

**12:45**  
**LUNCH BREAK, VISIT POSTERS AND EXHIBITION**
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45</td>
<td>HARNESSING TECHNOLOGY FOR PATIENT MANAGEMENT OF CARDIOVASCULAR DISEASES</td>
<td>S.A. Lear, Providence Health Care Simon Fraser University Harbour Centre Campus, Vancouver, BC, Canada</td>
</tr>
<tr>
<td>11:00</td>
<td>CLINICAL PRESENTATION, MANAGEMENT AND OUTCOMES IN THE ACUTE HEART FAILURE GLOBAL SURVEY OF STANDARD TREATMENT</td>
<td>F. Follath, M.B. Yilmaz, J.F. Delgado, J.T. Parissis, A. Mebazaa, E. Porcher, University Hospital, Zürich, Switzerland</td>
</tr>
<tr>
<td>11:15</td>
<td>HEART RATE REDUCTION IN HEART FAILURE: THE LESSONS OF IVABRADINE IN SHIFT</td>
<td>J.S. Borer, SUNY Downstate Medical Center and College of Medicine, Brooklyn and New York, NY, USA</td>
</tr>
<tr>
<td>11:30</td>
<td>MANAGEMENT OF ADVANCED HEART FAILURE IN THE COMMUNITY</td>
<td>M.H. Pitzalis, The Brody School of Medicine at ECU East Carolina Heart Institute, Greenville, NC, USA</td>
</tr>
<tr>
<td>11:45</td>
<td>REGENERATIVE POTENTIAL OF PICSO IN HEART FAILURE PATIENTS: THE ATOS TRIAL</td>
<td>W. Mohl, C. Khazen, P. Wadowski, A. Jusic, D. Milasinovic, A. Mujagic, B. Birkenberg, M. Andreas, Medizinische Universität Wien, Austria</td>
</tr>
<tr>
<td>12:00</td>
<td>DIRECTED APPROACH TO THE THERAPY OF PULMONARY ARTERIAL HYPERTENSION</td>
<td>R.C. Bourge, UAB Division of Cardiovascular Disease, Birmingham, AL, USA</td>
</tr>
<tr>
<td>12:15</td>
<td>VENTRICULAR ASSIST DEVICE RELATED INFECTIONS INCREASE ONE-YEAR MORTALITY</td>
<td>S.V. Pamboukian, University of Alabama at Birmingham, AL, USA</td>
</tr>
<tr>
<td>12:45</td>
<td>CARDIORENAL SYNDROME: AN UPDATE FOR 2011</td>
<td>A. Kazory, University of Florida, Gainesville, FL, USA</td>
</tr>
<tr>
<td>13:00</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
<td></td>
</tr>
</tbody>
</table>
SUNDAY, JULY 24, 2011

10:45 – 13:15 Hall C

S21 Session
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

Chairpersons: P. Holvoet, Leuven, Belgium
M.R. Johnson, Madison, WI, USA

10:45 CALPASTATIN OVER-EXPRESSION REDUCES FIBROSIS IN DIABETIC CARDIOMYOPATHY IN A TYPE II MURINE MODEL
M. Singh, Y. Li, S. Chakrabarti, T. Peng
University of Western Ontario, London, ON, Canada and Lawson Health Research Institute, London, Ontario, Canada

11:00 EFFECT OF WEIGHT LOSS ON VARIOUS CARDIOVASCULAR RISK FACTORS (HYPERTENSION, GLYCEMIC CONTROL, LIPID PROFILE, CRP AND HOMOCYSTEINE) IN OBESE SUBJECTS TREATED WITH BARIATRIC SURGERY
Sir Ganga Ram Hospital, Delhi, India

11:15 DOES ELECTROCARDIOGRAPHY DEFINED SILENT MYOCARDIAL ISCHEMIA NEED FURTHER CARDIAC TESTS IN DIABETIC MEN AND WOMEN? A COHORT STUDY IN A MIDDLE EASTERN POPULATION
F. Hadaegh, R. Mohebi, M. Hatami, M. Hasheminia, F. Sheikholeslami, F. Azizi
Shahid Beheshti University of Medical Science, Tehran, Iran

11:30 CIRCADIAN BLOOD PRESSURE PATTERN AND PREVALENCE OF NOCTURNAL HYPERTENSION IN SUBJECTS WITH AND WITHOUT DIABETES
M.C. Castineiras, A. Moya, J. Perez-de-Lis, L. Pousa, J.L. Salgado, S. Hermaniz, A. Mojon, D.E. Ayala, R.C. Hermida, for the Hygia Project Investigators Bioengineering & Chronobiology Labs., University of Vigo, Vigo, Spain

11:45 EFFECTS OF DIABETES ON SMALL AORTIC ANEURYSMS IN SURVEILLANCE: SUBGROUP ANALYSIS FROM A RANDOMIZED TRIAL
P. De Rango, P. Cao, F. Verzini, G. Pariani, E. Cieri, G. Simonetti
Vascular Endovascular Surgery, Hospital S.M. Misericordia, Italy

12:00 DEPRESSION AND WAIST CIRCUMFERENCE INDEPENDENTLY PREDICT THE COSTS OF CARDIO-METABOLIC MEDICATIONS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS
D. Young, J. Hii, J. Furler, I. Blackberry, D. Liew, J.D. Best
The University of Melbourne, Victoria, Australia

12:15 TRIGLYCERIDES ARE AN INDEPENDENT PREDICTOR OF DIABETES IN SOUTH ASIAN FEMALES UNLIKE IN SOUTH ASIAN MALES IN THE UNITED STATES
Dept. of Medicine, Emory University Hospital, Atlanta, GA, USA
SUNDAY, JULY 24, 2011

12:30 DERIVATION OF A DIABETES RISK SCORE AND VALIDATION OF EXISTING SCREENING TOOLS IN RURAL KERALA, INDIA
T. Sathish, S. Kannan, P.S. Sarma, K.R. Thankappan
Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Thiruvananthapuram, Kerala, India

12:45 GAMMA-GLUTAMYLTRANSFERASE (GGT) AND CARDIOVASCULAR RISK IN REFERRED HYPERTENSIVE PATIENTS
G. Dell’omo, R. Pedrinelli, M. Mariani
National Institute for Cardiovascular Research, University of Bologna, Italy

13:00 THE ASSOCIATION BETWEEN VENTRICULAR ARRHYTHMOGENEITY AND CARDIAC AUTONOMIC NEUROPATHY IN SUBJECTS WITH TYPE 2 DIABETES MELLITUS ASSESSED BY NEW ECG MARKERS
C. Voulgari, I. Moyssakis, D. Kyriaki, N. Katsilambros, N. Tentolouris
Athens University Medical School, Athens, Greece

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:00 Hall D
S22 Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE
Chairpersons: N.E. Bowles, Salt Lake City, UT, USA
A.T. Yetman, Salt Lake City, UT, USA

10:45 PREVALENCE AND IMPACT OF ANEMIA ON OUTCOMES OF SURGICALLY TREATED INFANTS WITH AV CANAL OR VENTRICULAR SEPTAL DEFECTS
Z. Khan, G. Natarajan, S. Sallaam, I. Bondarenko, R.E. Delius, H.L. Walters, S. Aggarwal, Children’s Hospital of Michigan, Detroit, MI, USA

11:00 LIVER DYSFUNCTION AND CARDIAC FUNCTION IN THE EARLY TERM AFTER FONTAN OPERATION
Kyoto Prefectual University of Medicine, Kyoto, Japan

11:15 LONG-TERM OUTCOME OF CONGENITAL SINUS OF VALSALVA ANEURYSMS: A 25-YEAR EXPERIENCE
S. Sarikaya, A. Elibol, H. Sacli, O. Kocamaz, M. Dedemoglu, M. Akbulut, A. Arslan, M. Balkanay, M. Alp, K. Kirali, Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey

11:30 SURVIVAL IN PATIENTS WITH CLASSIC HYPOPLASTIC LEFT HEART SYNDROME VS. DOUBLE OUTLET RIGHT VENTRICLE VARIANTS
G.K. Gallardo, R.T. Fedderly, M. Krolikowski, J.S. Tweddell
Medical College of Wisconsin, Milwaukee, WI, USA

11:45 COMPLETE HEART BLOCK IN CHILDREN AND ADOLESCENTS – SEQUENTIAL PACING ADDS RELEVANT TO CARDIAC OUTPUT
C. Pees, J. Hauser, I. Michel-Behnke
Pediatric Heart Center, University Hospital of Vienna, Austria
Abstract No. 033

12:00 MORPHOLOGY OF PATENT DUCTUS ARTERIOSUS; A PREDICTOR OF THE OUTCOME OF STENTING IN DUCT-DEPENDENT PULMONARY CIRCULATION AN EXPERIENCE IN CHILDREN HOSPITAL, CAIRO UNIVERSITY, EGYPT
H.M. Agha, H. Hamza, A. Esmat, Y. Hussein
Faculty of Medicine, Cairo University, Cairo, Egypt

Abstract No. 034

12:15 TRANSCATHETER DEVICE CLOSURE OF VENTRICULAR SEPTAL DEFECT: A META-ANALYSIS
S.C. Quek, L.W. Khin, B.C. Tai, W. Yip, National University of Singapore, Singapore

Abstract No. 035

12:30 ECHOCARDIOGRAPHIC MYOCARDIAL PERFORMANCE (TEI INDEX) ASSESSMENT OF RIGHT VENTRICLE IN HEALTHY NEWBORNS
S.S. Sheta, H. Agha, F.E.A. Udink ten Cate, Cairo University Children Hospital, Faculty of Medicine, Cairo, Egypt

Abstract No. 036

12:45 ANTI-TACHYCARDIA PACEMAKERS IN CONGENITAL HEART DISEASE
A.N. Kamp, M.J. LaPage, G. Serwer, M. Dick, D.J. Bradley
University of Michigan, Ann Arbor, MI, USA

SUNDAY, JULY 24, 2011

08:00 – 13:00 Poster Hall

P101 VASCULAR BIOLOGY, BASIC RESEARCH I

Board No

1 IN VITRO HEMORHEOLOGICAL EFFECTS OF RED WINE, ALCOHOL FREE RED WINE EXTRACT AND ALCOHOL
A. Toth, M. Rabai, P. Kenyeres, H.J. Meiselman, K. Toth
Medical School, University of Pecs, Hungary

Abstract No. 037

2 EXPRESSION INCREASE OF TRANSCRIPTION FACTORS KLF4 IN DIFFERENTIATED ENDOTHELIAL PROGENITOR CELLS
D. Hongmei, H. Lan, D. Meng, S. Ming
Institute of Cardiovascular Disease, XinQiao Hospital, Third Military Medical University, ChongQing, China

Abstract No. 038

P102 BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

3 ENDOGENOUS GRANULOCYTE COLONY-STIMULATING FACTOR: A BIOMARKER IN ACUTE ISCHEMIC STROKE
C.L. Kuo, S.C. Yu, C.S. Huang, C.S. Chang, C.S. Liu
Vascular & Genomic Center, Changhua Christian Hospital, Taiwan

Abstract No. 039

4 ANTIPHOSPHATIDYL SERINE ANTIBODIES ARE INDEPENDENTLY ASSOCIATED WITH PREMATURE CORONARY EVENTS
H.Y. Ali, Z.A. Abdullah
Technical & Health Institute-Zakho, College of Medicine, University of Mosul, Iraq

Abstract No. 040
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>041</td>
<td>MICROVASCULAR RESISTANCE INDEX IMMEDIATELY AFTER PERCUTANEOUS CORONARY INTERVENTION PREDICTS THE PRESENCE OF MICROVASCULAR OBSTRUCTION IN PATIENTS WITH ST-ELEVATION ACUTE MYOCARDIAL INFARCTION ACHIEVING TIMI FLOW GRADE 3 REPERFUSION</td>
<td>T. Masuno, H. Kitabata, K. Komukai, T. Tanimoto, Y. Ino, K. Hirata, K. Kimura, M. Mizukoshi, T. Imanishi, T. Akasaka</td>
<td>Wakayama Medical University, Wakayama, Japan</td>
</tr>
<tr>
<td>6</td>
<td>042</td>
<td>INDEX OF MICROCIRCULATORY RESISTANCE AS PREDICTOR FOR MICROVASCULAR FUNCTIONAL RECOVERY IN PATIENTS WITH ANTERIOR MYOCARDIAL INFARCTION: COMPARISON BETWEEN INTRACORONARY WEDGE PRESSURE, ECHOCARDIOGRAPHY AND CARDIAC MAGNETIC RESONANCE IMAGING</td>
<td>J.H. Koh, S.H. Rheu, S.K. Lim</td>
<td>Kwandong University, Goyang, South Korea</td>
</tr>
<tr>
<td>7</td>
<td>043</td>
<td>THE CAROTID INTIMA-MEDIA THICKNESS IS A USEFUL PREDICTOR FOR CARDIOVASCULAR EVENTS IN PATIENTS WITH METABOLIC SYNDROME</td>
<td>J.H. Koh, S.H. Yoo</td>
<td>Kwandong University, Goyang-Si, South Korea</td>
</tr>
<tr>
<td>8</td>
<td>044</td>
<td>2-VIEW QUANTITATIVE CORONARY ANGIOGRAPHY (QCA) IN MODERATE LESIONS PREDICTS SEVERE OBSTRUCTION BY CORONARY ULTRASOUND</td>
<td>C.L. Laham, M.S. Chandra, M.J. McMahon, R. Venzon, M. Jerin, N.W. Shammas</td>
<td>St. Lukes Hospital, Cedar Rapids, IA, USA</td>
</tr>
<tr>
<td>9</td>
<td>045</td>
<td>EVALUATION OF RIGHT VENTRICULAR DEFORMATION IN PATIENTS WITH COPD AND METABOLIC SYNDROME</td>
<td>S. Stanciu, S. Dumitrescu, C. Cohen, G. Roul, M.A. Bogdan</td>
<td>Central Military Hospital, Bucharest, Romania</td>
</tr>
<tr>
<td>10</td>
<td>046</td>
<td>FEASIBILITY AND SAFETY OF TRANSRADIAL APPROACH IN A FELLOWSHIP TRAINING PROGRAM</td>
<td>W.I. Khalife, Q. Cai, V.K. Mukku, S.A. Gilani</td>
<td>University of Texas Medical Branch, Galveston, TX, USA</td>
</tr>
<tr>
<td>11</td>
<td>047</td>
<td>CLASSIFICATION AND DIAGNOSTIC IMAGING METHODS OF VASCULAR ACCESS COMPLICATION BY CLOSURE DEVICE</td>
<td>M. Alipour, D. Masri, A. Mofazzali, N. Alipour</td>
<td>Hoag Hospital, Vascular Lab, Newport Beach, CA, USA</td>
</tr>
<tr>
<td>12</td>
<td>048</td>
<td>CARDIOVASCULAR SCREENING USING EXERCISE STRESS ECHOCARDIOGRAPHY IN OBESE PATIENTS UNDERGOING BARIATRIC SURGERY</td>
<td>W.M. Tarhuni, S. Khan, G. Shamim, M.S. Lubanski</td>
<td>University of Saskatchewan, Saskatoon, Saskatchewan, Windsor Cardiac Centre, Windsor, ON, Canada</td>
</tr>
<tr>
<td>13</td>
<td>049</td>
<td>DISTAL COMMON CAROTID ARTERY INTIMA-MEDIA THICKNESS IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY</td>
<td>M. Alipour, D. Masri, A. Mofazzali, N. Alipour</td>
<td>Hoag Hospital, Vascular Lab, Newport Beach, CA, USA</td>
</tr>
</tbody>
</table>
14  ANGIOGRAPHIC ASPECTS OF IMPLANTATION OF STEM CELLS IN ISCHEMIC HEART DISEASES
A. Barotov, T. Gulmuradov, A. Gailbov, B. Karimzade, M. Khidirov, S. Muminjonov, A. Didory, E. Rizoev, M. Mirshahi
Republican Scientific Center of Cardio-vascular Surgery, Dushanbe, Tajikistan

15  THE PLAQUE AND ACUTE CORONARY SYNDROMES
INTRACORONARY THROMBUS AGE AND HOSPITAL OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROME WITH ST SEGMENT ELEVATION
Hospital Universitario de Canarias, Santa Cruz de Tenerife, Spain

16  NEOPTERIN, MYELOPEROXIDASE AND C-REACTIVE PROTEIN LEVELS IN ACS PATIENTS
M. Adamczyk, R.J. Brashear, S.C. Hsu, P.G. Mattingly
Abbott Laboratories, Abbott Park, IL, USA

17  EFFECTS OF DYSLIPIDEMIA ON PLAQUE CHARACTERISTICS IN CULPRIT LESIONS OF ACUTE CORONARY SYNDROME
Shinshu University, Matsumoto, Japan

18  DIRECT RENIN INHIBITOR ALISKIREN IN ACUTE PHASE OF THE LEFT VENTRICULAR MYOCARDIAL INFARCTION: SAFETY AND EFFICIENCY
H.G. Hayrapetyan, F.H. Muradyan, MC Erebouni, Yerevan, Armenia

19  TIMING OF INTERVENTION IMPACTS ON ONE-YEAR OUTCOMES IN NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION
Pusan National University Hospital, Busan, Korea

20  ALPHA-1 ANTITRYPSIN PROTECTS MYOCARDIUM FROM REPERFUSION INJURY
Z. El-Akawi, S.Y. Khatib
Jordan University of Science and Technology, Irbid, Jordan

21  WEEKEND VERSUS WEEKDAYS HOSPITAL ADMISSION FOR CARDIOVASCULAR EVENTS: IS MORTALITY DIFFERENT?
R. Salmi, D. Imberti, M. Gallerani, R. Manfredini
Dept. of Internal Medicine, University of Ferrara, Italy
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>058</td>
<td>TREATMENT MYOCARDIAL INFARCTION BY BONE MARROW AUTOLOGOUS STEM CELLS CD 133+</td>
<td>Z. Rakhimov, N. Olimov, N. Navjuvonov, M. Khidirov, S. Muminjonov, A. Didary, I. Irgasheva, A. Barotov, E. Rizoev, M. Mirshahi Republican Scientific Center of Cardiology, Dushanbe, Tajikistan</td>
</tr>
<tr>
<td>23</td>
<td>059</td>
<td>GENDER AND ADVANCE AGE DISPARITIES ON ACUTE MYOCARDIAL INFARCTION MANAGEMENT: THE PUERTO RICO HEART ATTACK STUDY</td>
<td>H.L. Banchs, J.C. Zevallos, J. Yarzebski, J.A. Gonzalez, M. Garcia-Palmieri, L.R. Pericchi, P.I. Altieri, J. Quevedo, R.J. Goldberg University of Puerto Rico, Medical Sciences Campus, Puerto Rico</td>
</tr>
<tr>
<td>P104</td>
<td></td>
<td>DIABETES MELLITUS, THE METABOLIC SYNDROME AND ATHEROSCLEROSIS: BASIC AND CLINICAL I</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>060</td>
<td>INFLUENCE OF NIGHTTIME BLOOD PRESSURE IN THE PREVALENCE OF MASKED HYPERTENSION IN DIABETES</td>
<td>A. Moya, E. Sineiro, M.C. Castineiras, S.M. Gomara, A. Mojon, M.J. Fontao, S. Lorenzo, D.E. Ayala, R.C. Hermida, for the Hygia Project Investigators Bioengineering &amp; Chronobiology Labs, University of Vigo, Vigo, Spain</td>
</tr>
<tr>
<td>25</td>
<td>061</td>
<td>EFFECTS OF FENOFIBRATE THERAPY ON CIRCULATING ADIPOCYTOKINES IN PATIENTS WITH PRIMARY HYPERTRYGLYCERIDEMIA</td>
<td>K.K. Koh, M.J. Quon Gachon University Gil Medical Center, Incheon, Korea</td>
</tr>
<tr>
<td>26</td>
<td>062</td>
<td>THE RELATIONSHIP BETWEEN CARDIOVASCULAR RISK FACTORS-SECRETORY PHOSPHOLIPASE A2 (SPLA2)-ARTERIAL STIFFNESS IN METABOLIC SYNDROME (MS) PATIENTS</td>
<td>D.T. Zdrenghea, A.V. Sitar-Taut, A. Cozma, M. Cebanu, G. Bodisz, D. Pop Rehabilitation Hospital, University of Pharmacy and Medicine, Cluj-Capoca, Romania</td>
</tr>
<tr>
<td>27</td>
<td>063</td>
<td>A COMPARISON BETWEEN INSULIN RESISTANCE SCORES PARAMETERS IN IDENTIFYING METABOLIC SYNDROME (MS) PATIENTS</td>
<td>D. Pop, A. Siat-Taut, M. Cebanu, O.M. Penciu, G. Bodisz, D.T. Zdrenghea University of Pharmacy and Medicine Cluj-Napoca, Romania</td>
</tr>
<tr>
<td>28</td>
<td>064</td>
<td>DEPLETED LEUKOCYTE MITOCHONDRIAL DNA COPY NUMBER IN METABOLIC SYNDROME</td>
<td>C.S. Liu, C.H. Huang, S.L. Su, W.L. Cheng, C.C. Chang, C.L. Kuo, T.T. Lin Changhua Christian Hospital, Changhua, Taiwan</td>
</tr>
<tr>
<td>29</td>
<td>065</td>
<td>PREDICTORS OF 90DAY MORTALITY IN DIABETIC PATIENTS WHO PRESENT WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION</td>
<td>B.W. Liew, V.H. Tan, P.P. Goh, C.H. Tan, J. Chow Changi General Hospital, Singapore</td>
</tr>
<tr>
<td>30</td>
<td>066</td>
<td>THE PREVALENCE OF METABOLIC SYNDROME IN ACUTE CORONARY SYNDROME PATIENTS WITHOUT A PREVIOUS DIAGNOSIS OF DIABETES</td>
<td>R.F. Al-Aqeedi, A.A. Gehani, W.K. Abdultatif, W.K. Dabdoob, A. Bener, H.A. Albinali, Hamad Medical Corporation, Doha, Qatar</td>
</tr>
</tbody>
</table>
**P105 CARDIAC PACEMAKERS AND IMPLANTABLE CARDIOVERTER – DEFIBRILLATOR THERAPY**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>067</td>
</tr>
<tr>
<td>32</td>
<td>068</td>
</tr>
<tr>
<td>33</td>
<td>069</td>
</tr>
<tr>
<td>34</td>
<td>070</td>
</tr>
<tr>
<td>35</td>
<td>071</td>
</tr>
<tr>
<td>36</td>
<td>072</td>
</tr>
<tr>
<td>37</td>
<td>073</td>
</tr>
<tr>
<td>38</td>
<td>074</td>
</tr>
<tr>
<td>39</td>
<td>075</td>
</tr>
</tbody>
</table>

31  **CHANGE IN PULMONARY ARTERY SYSTOLIC PRESSURE FOLLOWING CARDIAC RESYNCHRONIZATION THERAPY HELPS PREDICT FUTURE HOSPITAL ADMISSIONS FOR CONGESTIVE HEART FAILURE**  
Penn State University, Milton S. Hershey Medical Center, Hershey, PA, USA

32  **INAPPROPRIATE SHOCKS WITH IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH**  
*P. Menaria, K. Axtell, C. Kolibash, J. Sra, M. Akhtar, V. Nangia*  
Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

33  **TIME TO FIRST INTERVENTION: IS IT A MORTALITY PREDICTOR IN ICD FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH?**  
*P. Menaria, K. Axtell, C. Kolibash, N. Mori, J. Sra, M. Akhtar, V. Nangia*  
Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

34  **POLARIZATION POTENTIALS INHIBITING DETECTION OF VENTRICULAR FIBRILLATION**  
*P.C. Voukydis, D.M. Farmer, K.E. Thomas*  
Harvard Medical School, Cambridge, MA, USA

35  **CLINICAL OUTCOMES OF ICD IMPLANTATION IN DISTRICT HOSPITAL SETTING: COMPARISON OF PRIMARY AND SECONDARY PREVENTION**  
*J.S. Shome, A. Tickle, B. Roomallah, A. Hailan, S. Green, L. Lovedale, M. Asgari, K. Kamalvand*  
William Harvey Hospital, East Kent NHS Trust, Ashford, UK

36  **PROGNOSTIC IMPACT ON MORTALITY OF MALIGNANT VENTRICULAR TACHYARRHYTHMIA WITHIN 48 HOURS OF ACUTE MYOCARDIAL INFARCTION IN THE SETTING OF INDIVIDUALLY OPTIMIZED THERAPY: THE CAMI MULTICENTER REGISTRY**  
*K. Seidl, T. Becker*  
Klinikum Ingolstadt, Med. Klinik IV, Ingolstadt, Germany

37  **SELECTIVE SEROTONIN REUPTAKE INHIBITOR SAFETY IN PATIENTS WITH IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS**  
*A. Kundra, A. Elkharbotly, M. Fatima, M. Torosoff*  
Albany Medical Center, Albany, NY, USA

38  **THE POTENTIAL USE OF ATRIAL ELECTROGRAM MORPHOLOGY AS A SUPRAVENTRICULAR TACHYCARDIA DISCRIMINATOR**  
*J. Kim, W. Sauer, S. Desai, M. Magday, E. Altman, R. Jadonath, S. Beldner*  
North Shore University Hospital, Manhasset, NY, USA

39  **CORONARY SINUS PACING AS AN ALTERNATIVE TO RV PACING IN A PATIENT WITH PERSISTENT LEFT SVC AND ABSENT RIGHT SVC**  
*G. Baljepally, R. Baljepally, J. Hirsh*  
University of Tennessee Medical Center, Knoxville, TX, USA
PL:03  Plenary Session
NEW MANAGEMENT STRATEGIES FOR CARDIAC ARRHYTHMIAS

Chairpersons: S.M. Al-Khatib, Durham, NC, USA
J.R. Gimbel, Knoxville, TN, USA

14:00 TOWARD MORE OPTIMAL USE OF PRIMARY PREVENTION
IMPLANTABLE CARDIOVERTER DEFIBRILLATORS (Invited Lecture)
S.M. Al-Khatib, Duke Clinical Research Institute, Durham, NC, USA

14:15 PACING IN THE MAGNETIC RESONANCE IMAGING ENVIRONMENT:
CLINICAL AND TECHNICAL CONSIDERATIONS ON COMPATIBILITY
(Invited Lecture)
F. Duru, University Hospital of Zurich, Switzerland

14:30 ABSENCE OF REMODELING BENEFIT OF LV-CRT OVER BIV-CRT IN
PATIENTS WITH HEART FAILURE AND WIDE QRS: INSIGHT FROM
THE EVALUATION OF RESYNCHRONIZATION THERAPY FOR HEART
FAILURE (EARTH) TRIAL (Invited Lecture)
A. Ducharme, H. Prylutska, F. Harel, E. O’Meara, J. Lavoie, M. White,
B. Thibault, Institut de Cardiologie de Montreal, Quebec, Canada

14:45 MODIFIED ALTERNATING CURRENT DEFIBRILLATION - A NEW HOME-
DEFIBRILLATION TECHNIQUE FOR SUDDEN DEATH (Invited Lecture)
A.T. Weiss, I. Katz, S. Gorni, S. Rosenheck
Hadassah University Hospital, Jerusalem, Israel

15:00 SHOULD ICD TESTING BE PERFORMED AT IMPLANT? (Invited Lecture)
A. Fischer, Mount Sinai Medical Center, New York, NY, USA

15:15 CONDUCTION DELAY IN THE RIGHT VENTRICLE AS A MARKER FOR
RISK STRATIFICATION IN BRUGADA SYNDROME (Invited Lecture)
M. Takagi, Osaka City University Graduate School of Medicine, Osaka,
Japan

15:30 UPDATE ON MRI COMPATIBLE PACING: WHO IS IT RIGHT FOR,
AND WHO’S LEFT OUT? (Invited Lecture)
J.R. Gimbel, Parkwest Hospital, Knoxville, TN, USA

15:45 IS ELECTROPHYSIOLOGIC STUDY MANDATORY TO INDICATE
PERMANENT PACING FOR PATIENTS WITH SYNCOPE, BIFASCULAR
BLOCK AND NO SIGNIFICANT STRUCTURAL HEART DISEASE?
(Invited Lecture)
M. Álvarez, Hospital Universitario Virgen de las Nieves, Granada, Spain

16:00 REPOLARIZATION ALTERNANS AND TORSADES DE POINTES IN
THE ABSENCE OF ISCHEMIA: AN UNUSUAL PHENOMENON
M. Rahman, A. Bhatia, R. Cooley, J. Sra, M. Akhtar, V. Nangia
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke’s Medical
Centers, University of Wisconsin School of Medicine & Public Health,
Milwaukee, WI, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL:04 Plenary Session
ATHEROSCLEROSIS IMAGING IN PRIMARY DETECTION AND PREVENTION OF CORONARY EVENTS

Chairpersons: D.S. Berman, Los Angeles, CA, USA
J.M. Gardin, Hackensack, NJ, USA

14:00 DETECTION OF MYOCARDIAL VIABILITY: MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY (Invited Lecture)
R. Senior, Royal Brompton Hospital, London, UK

14:15 CLINICAL ROLE OF ATHEROSCLEROSIS IMAGING IN PREDICTING CHD EVENTS (Invited Lecture)
D.S. Berman, A. Rozanski, Cedars Sinai Medical Center, Los Angeles, CA, USA

14:30 IMAGING SUBCLINICAL ATHEROSCLEROSIS (Invited Lecture)
J.M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA

14:45 IMAGING FOR PREVENTION: WHAT IS THE ROLE IN CARDIOVASCULAR RISK ASSESSMENT? (Invited Lecture)
N.D. Wong, University of California, Irvine, CA, USA

15:00 CORONARY ARTERY CALCIUM SCORING TO STRATIFY CHEST PAIN PATIENTS PRESENTING TO THE EMERGENCY DEPARTMENT (Invited Lecture)
F. Nabi, S.M. Chang, C.M. Pratt, J. Paranilam, L.E. Peterson, M.E. Frias, J.J. Mahmarian, Methodist DeBakey Heart & Vascular Center, The Methodist Hospital, Houston, TX, USA

15:15 HYDROGEN SULFIDE, A GASEOUS BIOLOGICAL MEDIATOR WITH CARDIOPROTECTIVE EFFECTS (Invited Lecture)
C. Szabo, University of Texas Medical Branch, Galveston, TX, USA

15:30 PROGNOSTIC VALUE OF NEGATIVE ADENOSINE CARDIAC MAGNETIC RESONANCE MYOCARDIAL PERFUSION IMAGING IN PATIENTS WITH ACUTE CHEST PAIN
R.R. Macwar, G. Yost, A. Marwaha, J. Sartorius, J. Shirani, Geisinger Medical Center, Danville, PA, USA

15:45 PREVALENCE AND SIGNIFICANCE OF ELECTROCARDIOGRAPHIC CHANGES WITH REGADENOSON-BASED MYOCARDIAL PERFUSION IMAGING STRESS TESTS
M. Zahid, C.E. Eagan, D.A. Yurko, E.D. Miller, C.D. Missendra, University of Pittsburgh, and ExcelaHealth System, Greensburg, PA, USA

16:00 MYOCARDIAL PERFUSION IMAGING IN PRE-OPERATIVE RISK ASSESSMENT OF CANCER PATIENTS UNDERGOING NON-CARDIAC SURGERY
N. Sthalekar, S. Chandra, A.T. Tong, S.W. Yusuf, W. Wei, D.J. Lenihan, P. Diamdond, C. Hanis, Sparrow Hospital, East Lansing, MI and Michigan State University, East Lansing, MI, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 24, 2011

14:00 – 16:45  Hall C

S23 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF CARDIOMYOPATHIES

Chairpersons: N.I. Angomanachalelis, Thessaloniki, Greece
S. Dalla-Volta, Padova, Italy

Abstract No.

094
14:00 IN THE SETTING OF LVH WITH HYPERTROPHIC CARDIOMYOPATHY SHOULD WE EXPECT TO SEE RVH? A CARDIOVASCULAR MRI STUDY
R.W. Biederman, S.B. Grant, J.A. Yamrozik, R.B. Williams, M. Doyle
Allegheny General Hospital, Pittsburgh, PA, USA

095
14:15 THERAPEUTIC EFFECTS OF MAPK INHIBITORS ON DILATED CARDIOMYOPATHY IN LMNA N195K MICE
T. Tsubouchi, S. Amina, G. Song, R.C. Balijepalli, T.A. Hacker, M.R. Wolff
University of Wisconsin-Madison, Madison, WI, USA

096
14:30 DETERIORATED HEART FUNCTION AFTER MYOCARDIAL INFARCTION IN GHRELIN KNOCKOUT MICE
Y. Mao, T. Tokudome, K. Otani, I. Kishimoto, K. Kangawa
National Cerebral and Cardiovascular Center, Osaka, Japan

097
14:45 CORONARY ARTERY DISEASE AND TAKOTSUBO CARDIOMYOPATHY: CULPRIT OR INNOCENT BYSTANDER?
G.A. Delgado, A.G. Truesdell, R.M. Kirchner, R.W. Zuzek, E.V. Pomerantsev, P.C. Gordon, R.A. Regnante, Warren Alpert Medical School of Brown University, Providence, RI, USA

098
15:00 ELECTROCARDIOGRAM IN THE ASSESSMENT OF LEFT ATRIAL ENLARGEMENT AND LEFT VENTRICULAR HYPERTROPHY: COMPARISON WITH TWO-DIMENSIONAL ECHOCARDIOGRAM AND CARDIAC MAGNETIC RESONANCE IMAGING
S. Kumar, R.S. Marfatia, M. Rai, R. Feinn, E. Kaloudis, C. Yang, E. Avelar
University of Connecticut Health Center, Farmington, CT, USA

099
15:15 VERAPAMIL AMELIORATES SEPTIC CARDIOMYOPATHY INDUCED BY CECAL LIGATION AND PUNCTURE IN MICE
Faculty of Medicine of Ribeirao Preto, USP, Brazil

100
15:30 PATTERN AND SIGNIFICANCE OF DISTRIBUTION OF LEFT VENTRICULAR HYPERTROPHY IN HYPERTROPHIC CARDIOMYOPATHY: COMPARISON BETWEEN ECHOCARDIOGRAPHY AND CARDIAC MAGNETIC RESONANCE IMAGING
P.F. Pollice, P.P. Pollice, B.L. Leclercq, Private Clinic, Andria, BT, Italy

101
15:45 SUPPRESSION OF LEFT VENTRICULAR HYPERTROPHY BY PHOSPHODIESTERASE - 5 INHIBITORS: THE ROLE OF CALCINEURIN AND P 38 MAPK
S.Y. Khatib, A. Zeidan
Department of Physiology, Faculty of Medicine, Jordan
University of Science & Technology, Irbid, Jordan
SUNDAY, JULY 24, 2011

16:00 CLINICAL AND ECHOCARDIOGRAPHIC PROFILE AND OUTCOMES OF PERIPARTUM CARDIOMYOPATHY: THE PGH EXPERIENCE
V.I. Samonte, Q.G. Ngalob, G.D. Mata, F.B. Punzalan, E.B. Reyes
UP-Philippine General Hospital, Manila, Philippines

16:15 RIGHT VENTRICULAR IMPAIRMENT IN PECTUS EXCAVATUM BY 2D-ECHOCARDIOGRAPHY: A RED HERRING?
R.L. Narayan, P. Vaishnava, J. Sanz, V. Fuster
The Zena and Michael A. Wiener Cardiovascular Institute, Mount Sinai School of Medicine, New York, NY, USA

16:30 LEFT ATRIAL PRESSURE IN LEFT VENTRICULAR DIASTOLIC DYSFUNCTION: IMPLICATIONS OF THE PRESENCE OF LEFT VENTRICULAR HYPERTROPHY
S. Kattel, Y. Saito
Catholic Health System, State University of New York, Buffalo, NY, USA

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 24, 2011

14:00 – 16:15 Hall D

S24 Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

Chairpersons: D.K. Das, Farmington, CT, USA
P.K. Singal, Winnipeg, Manitoba, Canada

Abstract No.

14:00 ISCHEMIA-REPERFUSION INJURY IS A STRONGER TIME-DEPENDENT STIMULATOR OF CARDIAC PROGENITORS THAN PERMANENT MYOCARDIAL INFARCTION AND PREGNANCY
Karolinska Institutet, Stockholm, Sweden

14:15 INHIBITION OF MITOCHONDRIAL OXIDATIVE STRESS PREVENTS ANGIOTENSIN II MEDIATED ARRHHYTHMIC DEATH
University of Illinois, Chicago, IL, Emory University, Atlanta, GA, USA

14:30 PLASMIN-ACTIVATED DENDRITIC CELLS PRODUCE IL-12 AND PROMOTE A TYPE 1 RESPONSE IN T HELPER CELLS
T. Syrovets, X. Li, F. Genze, T. Simmet
Ulm University Medical Center, Ulm, Germany

14:45 SINGLE CHANNEL BEHAVIOUR OF IkS AND LQT1 MUTATIONS IN THE S3 HELIX OF KCNQ1
D. Werry, Z. Wang, J. Eldstrom, N. Wong, D. Fedida
University of British Columbia, Vancouver, BC, Canada

15:00 SUBCELLULAR BASIS OF VITAMIN C PROTECTION AGAINST DOXORUBICIN INDUCED CHANGES IN CARDIOMYOCYTES
A. Ludke, A.K. Sharma, A.K. Bagchi, A. Bajaj, P.K. Singal
Faculty of Medicine, University of Manitoba, Winnipeg, Canada

15:15 REGULATION OF PTEN IN RESPONSE TO HYPOXIA
Y. Ye, J. Qian, A.C. Castillo, J.R. Pere-Polo, Y. Birnbaum
University of Texas Medical Branch, TX, USA

15:30 IS LATE ONSET OF CORONARY ARTERY DISEASE IN NORTH INDIANS ASSOCIATED WITH 3’APOB-VNTR POLYMORPHISM?
H. Rai, N. Singh, S. Kumar, A. Kapoor, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India

15:45 LACK OF ASSOCIATION BETWEEN GLU298ASP POLYMORPHISM AND CORONARY ARTERY DISEASE IN NORTH INDIANS
Sanjay Gandhi PGIMS, Lucknow, India

16:00 THE ROLE OF K+ CHANNELS IN THE REGULATION OF EXCITABILITY AND CONTRACTILITY OF RAT PULMONARY AND MESENTERIC ARTERIES
University of Bath, Bath, UK

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 24, 2011

16:45 – 19:30 Hall A

**PL:05 Plenary Session**

**GENES, GENETICS AND GENOMICS - FRIENDS AND FOES**

Chairpersons: **L.C. Becker**, Baltimore, MD, USA
**K.N. Pandey**, New Orleans, LA, USA

Abstract No.

16:45  CLINICAL APPLICATION OF GENETIC AND MOLECULAR MEDICINE IN ACUTE CORONARY SYNDROME (Invited Lecture)
**L.C. Becker**, Johns Hopkins University School of Medicine, Baltimore, MD, USA

17:00  NPR1 GENE PROVIDES THE PROTECTIVE MECHANISMS IN CARDIOVASCULAR EVENTS (Invited Lecture)
**K.N. Pandey**, Tulane University School of Medicine, New Orleans, LA, USA

17:15  GENETICS OF CAD - WHERE DO WE STAND? (Invited Lecture)
**M.P. Reilly**, University of Pennsylvania Medical Center, Philadelphia, PA, USA

17:30  ECONOMIC ANALYSIS OF THE FAILING HUMAN HEART (Invited Lecture)
**J.L. Hall**, R. John, K. Liao, N. Turner, P. Barton, C. McTieman, A. Mackey Heart Institute University of Minnesota, MN, USA

17:45  MICRORNA-1 INHIBITS MYOCARDIN-INDUCED CONTRACTILITY OF HUMAN VASCULAR SMOOTH MUSCLE CELLS (Invited Lecture)
**X.L. Zheng**, The University of Calgary, Calgary, AB, Canada

18:00  FUTURE MEDICINE, SYSTEM BIOLOGY, AND MICROCIRCULATION (Invited Lecture)
**M. Navab**, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

18:15  REGULATION OF THE INDEPENDENT CARDIOVASCULAR RISK FACTOR ADMA: LESSON FROM MULTIPLE DDAH1 GENE DEFICIENT MOUSE STRAINS (Invited Lecture)
**Y. Chen**, University of Minnesota, Minneapolis, MN, USA

18:30  HYPOXIA-INDUCED INHIBITION OF ANGIogenesis - THE ROLE OF RGC-32 (Invited Lecture)
**J. Li**, BIDMC/ Harvard Medical School, Boston, MA, USA

18:45  PI3K SIGNALING AND HEART DISEASE (Invited Lecture)
**G.Y. Oudit**, University of Alberta, Edmonton, Canada

19:00  ROLE OF CCR5 GENE POLYMORPHISM IN CORONARY ARTERY DISEASE AMONG NORTH INDIANS
**H. Rai**, N. Singh, S. Kumar, A. Kapoor, S. Agrawal, N. Sinha Sanjay Gandhi PGIMS, Lucknow, UP, India

19:15  IL-1 BETA –511 C/T POLYMORPHISM AS A RISK FACTOR FOR CORONARY ARTERY DISEASE IN NORTH INDIAN POPULATION
**H. Rai**, S. Kumar, A. Kapoor, A.K. Sharma, S. Agrawal, N. Sinha Sanjay Gandhi PGIMS, Lucknow, UP, India
<table>
<thead>
<tr>
<th>Time</th>
<th>Lecture Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:45</td>
<td>NEW TREATMENT OPTIONS FOR TREATING PATIENTS WITH STABLE ANGINA (Invited Lecture)</td>
<td>U. Thadani, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA</td>
</tr>
<tr>
<td>17:00</td>
<td>ROBOTIC PCI: EARLY EXPERIENCE USING THE CORPATH, REMOTE DELIVERY SYSTEM (Invited Lecture)</td>
<td>G.W. Vetrovec, Virginia Commonwealth University, Richmond, VA, USA</td>
</tr>
<tr>
<td>17:15</td>
<td>CURRENT STATUS OF PERCUTANEOUS TREATMENT OF LEFT MAIN DISEASE (Invited Lecture)</td>
<td>B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
</tr>
<tr>
<td>17:30</td>
<td>THE CREST STUDY: UNEXPECTED LESSONS ON STROKE PREVENTION AND LARGE CLINICAL TRIALS (Invited Lecture)</td>
<td>J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
</tr>
<tr>
<td>17:45</td>
<td>REMOVAL OF IODINE CONTRAST FROM CORONARY SINUS FOR PREVENTION OF CONTRAST INDUCED NEPHROPATHY (Invited Lecture)</td>
<td>M.R. Movahed, University of Arizona Sarver Heart Center, AZ, USA</td>
</tr>
<tr>
<td>18:00</td>
<td>BLEEDING AND ISCHEMIA AFTER PCI - MORE CONNECTED THAN YOU THINK (Invited Lecture)</td>
<td>S.J. Brener, Cardiac Catheterization Laboratory NY Methodist Hospital, Brooklyn, NY, USA</td>
</tr>
<tr>
<td>18:15</td>
<td>PROGNOSTIC IMPACT OF CTO IN PATIENTS WITH REFRACTORY ANGINA (Invited Lecture)</td>
<td>G.W. Barsness, Mayo Clinic, Rochester, MN, USA</td>
</tr>
<tr>
<td>18:30</td>
<td>ENDOVASCULAR TREATMENT OF PERIPHERAL ARTERIAL DISEASE (Invited Lecture)</td>
<td>S. Banerjee, D.L. Tran, T. Oladunni, E.S. Brilakis VA North Texas Healthcare System, Dallas, TX, USA</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 24, 2011

16:45 – 19:15 Hall C

S25 Session
SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL

Chairpersons: R.C. Bourge, Birmingham, AL, USA
G.L. Fung, San Francisco, CA, USA

16:45 DIETARY NITRATE, VIA BIOACTIVATION TO NITRITE, LOWERS BLOOD PRESSURE IN ESSENTIAL HYPERTENSION
Barts & The London Medical School, London, UK

17:00 PULMONARY ARTERIAL HYPERTENSION: CHANGES IN SURVIVAL OVER TIME
C.M. Larsen, R.J. Le, R.P. Frantz, M.D. McGoon, G.C. Kane
Mayo Clinic, Rochester, MN, USA

17:15 DISCORDANT IDENTIFICATION OF MASKED HYPERTENSION BASED ON DAYTIME OR NIGHTTIME PRESSURE IN CHRONIC KIDNEY DISEASE
Bioengineering & Chronobiology Labs., Univ. Vigo, Vigo, Spain

17:30 NEBIVOLOL AND ATENOLOL HAVE DISTINCT EFFECTS ON HYPERTENSION-INDUCED ALTERATIONS IN MICR-RNA LEVELS IN THE AORTA
Y. Birnbaum, J. Qian, J.R. Perez-Polo, Y. Ye
University of Texas Medical Branch, Galveston, TX, USA

17:45 NATRIURETIC PEPTIDES PREVENT THE PULMONARY HYPERTENSION & RIGHT VENTRICULAR HYPERTROPHY ASSOCIATED WITH PULMONARY FIBROSIS
R.S. Baliga, C.J. Scotton, S.L. Trinder, R.C. Chanbers, R.J. MacAllister, A.J. Hobbs, University College London, UK

18:00 EFFECTS ON AMBULATORY BLOOD PRESSURE OF ADDING ASPIRIN AT BEDTIME IN TREATED HYPERTENSIVE SUBJECTS
D.E. Ayala, R.C. Hermida
Bioengineering & Chronobiology Labs., University of Vigo, Vigo, Spain

18:15 LEFT VENTRICULAR MASS CORRELATES WITH ABNORMAL PEAK FILLING RATE BY CARDIAC MAGNETIC RESONANCE IMAGING IN HYPERTENSIVE PATIENTS WITH NORMAL ECHOCARDIOGRAPHIC DIASTOLIC PARAMETERS
R.S. Marfatia, S. Kumar, M. Rai, R. Feinn, E. Kaloudis, C. Yang, E. Avelar
University of Connecticut Health Center, Farmington, CT, USA

18:30 PULMONARY HYPERTENSION REMAINS A DEADLY DISEASE: INSIGHTS FROM THE ARADALE ECHO STUDY
G.A. Strange, D.A. Playford, S. Stewart, A. Kent, J.A. Deague, E. Gabbay
Monash University, Melbourne, Victoria, Australia
**SUNDAY, JULY 24, 2011**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>18:45</td>
<td>ALISKIREN ALONE OR IN COMBINATION WITH HYDROCHLOROTHIAZIDE IN PATIENTS WITH THE LOWER RANGES OF STAGE 2 HYPERTENSION: THE ACQUIRE RANDOMIZED, DOUBLE-BLIND STUDY</td>
<td>H.R. Black, <strong>F.A. Aguirre Palacios</strong>, M. Bijarnia, A.K. Laflamme, F. Baschiera</td>
<td>Hospital Militar de Guayaquil HD-II-DE “Libertad”, Guayaquil, Guayas, Ecuador</td>
</tr>
<tr>
<td>19:00</td>
<td>THE INFLUENCE OF METEOROLOGICAL PARAMETERS ON THE OCCURRENCE OF HYPERTENSIVE URGENCY AND EMERGENCY</td>
<td><strong>C. Koppe</strong>, J. Ghafoor, S. Springer, D. Arndt, H. Schilling, A. Muegge, <strong>J. Boergel</strong>, Katharinen Hospital, Unna, Germany</td>
<td></td>
</tr>
</tbody>
</table>

**13:30 – 18:30 Poster Hall**

**P301 INTERVENTIONAL CARDIOLOGY I**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>CLINICAL OUTCOME, PROCEDURAL SUCCESS AND COMPlications OF OCTOGENARIANS UNDERGOING CORONARY INTERVENTIONS</td>
<td>H.R. Pourhoseini, <strong>M. Mousavi</strong>, M. Salarifar, AM. Hajizeinali, S.E. Kassaian, M. Alidoosti, E. Nematipour, K. Hoseini</td>
<td>Tehran University of Medical Sciences, Tehran, Iran</td>
</tr>
<tr>
<td>3</td>
<td>LONG-TERM OUTCOMES OF CORONARY ARTERY STENTING IN OCTOGENARIANS WITH CHRONIC KIDNEY DISEASE</td>
<td><strong>D.V. Bhatt</strong>, F. Saeed, M.U. Saqlain, S. Arora, M.D. Gibb, S.S. Mehta</td>
<td>University of Illinois College of Medicine, Urbana, IL, USA</td>
</tr>
<tr>
<td>5</td>
<td>HALF A DECADE OF PRIMARY PERCUTANEOUS INTERVENTION IN THE ELDERLY FROM A SINGLE CENTRE: ARE WE THERE YET?</td>
<td><strong>V. Sharma</strong>, M. Srinivasan, D. Swamydass, D. Smith</td>
<td>Morriston Hospital Cardiac Centre, Swansea, UK</td>
</tr>
<tr>
<td>6</td>
<td>COMPLICATIONS OF THE SZABO TECHNIQUE: CAN WE AVOID IT?</td>
<td><strong>R.M. Valdesuso</strong>, F.J. Lacunza, J.R. Gimeno, J. Garcia, J. Hurtado, E. Pinar, M. Valdes</td>
<td>Hospital Universitario Virgen de la Arrixaca, Murcia, Spain</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 24, 2011

Board No  Abstract No.

7  CLINICAL OUTCOMES AFTER HYBRID USE OF BARE METAL AND DRUG-ELUTING STENTS IN PATIENTS WITH MULTI VESSEL CORONARY ARTERY DISEASE  149
A. Ramirez Moreno, J.R. Siles Rubio, C. Pera Rojas, J. Munoz Bellido,
L. Inigo Garcia, T. Jimenez Gil, C. Medina Palomo, L. Fernandez Lopez,
F.J. Martinez Garcia
Hospiten, Estepona, Spain

8  THE IMPACT OF STENT LENGTH IN STENT THROMBOSIS AFTER PCI WITH DRUG-ELUTING STENT IMPLANTATION  150
A. Omarov, T. Batyrailiev, I. Pershukov, L. Petrakova, I. Lazarev,
J. Ramazanov, B. Kadyrov, D. Preobrazhensky, B. Sidorenko, Y. Belenkov
Syzganov Center of Surgery, Almaty, Kazakhstan

9  A RETROSPECTIVE STUDY ON TRANSRADIAL VERSUS TRANSFEMORAL APPROACH FOR CORONARY ANGIOGRAPHY AND INTERVENTION AT A TERTIARY HOSPITAL IN THE PHILIPPINES  151
G.R.T. Mercadal, J.A. Prado, R.E. Ramboyong
The Medical City, Pasig City, Philippines

P302 PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE / ISCHEMIC STROKE

10 OUR EXPERIENCE OF TREATMENT OF OCCLUSIVE DISEASES OF LOWER LIMB USING AUTOLOGOUS STEM CELLS  152
A. Gaibov, U. Kurbanov, B. Karimzade, T. Gulmuradov, M. Khidirov,
S. Muminjonov, A. Didory, J. Irgasheva, M. Rakhmatov, M. Mirshahi
Avicenna Tajik State Medical University, Dushanbe, Tajikistan

11 IMPACT OF EXTRACARDIAC VASCULAR DISEASE ON LONG-TERM MORTALITY IN OLDER PATIENTS WITH NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION (NSTEMI)  153
S. Subherwal, M.R. Patel, S. Li, D.L. Bhatt, T.Y. Wang, K.P. Alexander,
E.M. Ohman, W.B. Gibler, E.D. Peterson, M.T. Roe
Duke University, Durham, NC, USA

12 IS AORTIC SCLEROSIS ASSOCIATED WITH ARTERIAL STIFFNESS OR CAROTID ARTERIOSCLEROSIS?  154
T. Kon, T. Hirohashi, T. Kurosu, K. Sasaki, T. Tabata, T. Ogawa, T. Tomaru
Toho University Medical Center Sakura Hospital, Japan

13 DIAGNOSTIC ACCURACY OF BRAIN NATRIURETIC PEPTIDE IN DISTINGUISHING CARDIOEMBOLIC ISCHEMIC STROKE FROM OTHER SUBTYPES  155
L. Kashani Amin, S. Haj Sadeghi, H. Bakhshandeh, A. Azizian, M. Rohani
Tehran University of Medical Sciences, Tehran, Iran

14 CLINICAL OUTCOMES IN PATIENTS WITH CVA AND TYPE 2 MYOCARDIAL INFARCTION  156
H. Khawaja, A. Shah, M. Fatima, A. Makarian, M. Torosoff
Albany Medical Collegeny, NY, USA

15 EFFICACY AND SAFETY OF PROTECTED ENDOVASCULAR TREATMENT IN HIGH RISK PATIENTS WITH SEVERE CAROTID STENOSIS (EARLY AND LONG TERM FOLLOW-UP)  157
M. Ghasemi, B. Heidari-Aghdam, A. Kaboli, R. Abulfazli, S. Hashemi-Fesharaki
Research Center of Endovascular Intervention, Tehran, Iran
P506  LIPID, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA

16  ISOLATED LOW HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN INDIANS: A COMPARATIVE DRUG TRIAL
S. Kumar, H. Rai, S. Tewari, A. Kapoor, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, Sahara Hospital, Lucknow, UP, India

17  OXIDIZED LDL AUTOANTIBODIES IN ACUTE MYOCARDIAL INFARCTION PATIENT AFTER PRIMARY BALLOON ANGIOPLASTY
C.S. Huang, C.H. Huang, C.L. Kuo, C.S. Liu, Vascular and Genomic Center, Changhua Christian Hospital, Changhua, Taiwan

18  CAN LDL-APHERESIS ALTER KINETIC PARAMETERS OF LDL METABOLISM? A CASE STUDY
T. Dabous
The University of Kansas Medical Center, Kansas City, KS, USA

19  LIPID-RELATED RESIDUAL RISK FOR OCCURRENCE AND SURVIVAL AMONG PATIENTS WITH FIRST-EVENT ACUTE CORONARY SYNDROME AND NORMAL LDL CHOLESTEROL
K.L. Chien, H.J. Lin, H.C. Hsu, F.T. Chiang, M.F. Chen
National Taiwan University, Taipei, Taiwan

20  ASSOCIATION BETWEEN CORONARY LOCAL OXIDIZED LDL LEVELS AND SMOKING IN PATIENTS WITH CORONARY HEART DISEASE IN CHINESE MEN
D. Hongmei, H. Lan, S. Yao, Z. Gang
Xinqiao Hospital, Third Military Medical University, Chongqing, China

P206  CAD: SECONDARY PREVENTION, CARDIAC REHAB

21  PREOPERATIVE STATIN TREATMENT IN CARDIAC SURGERY IS MORE EFFECTIVE IN PATIENTS WITH PREVIOUSLY ACTIVATION OF THE INFLAMMATORY SYSTEM
J. Martinez-Comendador, J. Rubio Alvarez, J. Sierra, E. Teijeira, B. Adrio
University Hospital, Santiago de Compostela, Spain

22  OMEGA-3 DIET OR PROBIOTICS ADDITION IS BENEFICIAL TO REDUCE DEPRESSION AFTER MYOCARDIAL INFARCTION
K. Gilbert, J. A-Breard, F.F. Monaco, A. Beaudoin, R. Godbout, G. Rousseau, Centre de Biomedicine, Montreal’s Sacre-Coeur Hospital, Montreal, QC, Canada

23  EFFICACY AND SAFETY OF NEBIVOLOL IN PATIENTS WITH CHRONIC STABLE ANGINA IN COMPARISON TO METOPROLOL
S. Kumar, H. Rai, A. Kapoor, S. Tewari, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India

24  SEXUAL COUNSELING SERVICE FOR CARDIAC PATIENTS
Cardiac Rehabilitation & Prevention Center, Tung Wah Hospital, Hong Kong
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>169</td>
<td>EFFECTS OF A TELEMEDICINE PROGRAM ON CARDIAC RISK FACTORS IN PATIENTS AFTER ACUTE CORONARY SYNDROME</td>
<td>R.S. Tawil, V. Ortiz, M.L. Ruby, E.C. Marshall, S.C. Denardo, I.C. Doyle, J.R. Perez, R.S. Schofield, C.M. Schmalfuss. Malcom Randall VA Medical Center, University of Florida College of Medicine, Gainesville, FL, USA</td>
</tr>
<tr>
<td>28</td>
<td>170</td>
<td>CARDIAC REHABILITATION BASED ON VIRTUAL REALITY – PRELIMINARY STUDY</td>
<td>R. Medeiros, J. Leandro, R. Traballi, T. Maki, C. Guerra, B. Muller. UNIP, Sao Paulo, Sao Paulo, HLPM, MOGI Das Cruzes, Sao Paulo, Brazil</td>
</tr>
<tr>
<td>29</td>
<td>171</td>
<td>ASSESSING THE PREDICTIVE VALUE OF TRADITIONAL CARDIAC RISK FACTORS AND VARIOUS FRAMINGHAM RISK ESTIMATES FOR CORONARY ARTERY DISEASE SEVERITY AND THEIR IMPACT IN DIRECTING PATIENTS’ CLINICAL MANAGEMENT: A CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY (CCTA) STUDY</td>
<td>A. Ahmadi, S. Alipoor, G. Granua, S. Rezazadeh, R. Faraji, B. Heilbron, K. Ramanathan, C. Taylor, J. Leipsic. UBC, Vancouver, BC, Canada</td>
</tr>
<tr>
<td>P309</td>
<td></td>
<td>RHEUMATIC HEART DISEASE / INFECTIVE ENDOCARDITIS</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>172</td>
<td>BACTERIOLOGICAL OUTCOME OF COMBINATION TREATMENT FOR STAPHYLOCOCCAL ENDOCARDITIS</td>
<td>F. Fayaz, H. Ghassemian, P. Pourmalek, F. Faridnia. Shaheed Beheshti University of Medical Sciences, Faculty of Medicine, Tehran, Iran</td>
</tr>
<tr>
<td>31</td>
<td>173</td>
<td>UNUSUAL CARDIAC MANIFESTATIONS IN A PATIENT WITH LISTERIA BACTEREMIA</td>
<td>P.C. Voukydis, K. Daniello, A. Fang, R. Spencer, S. Page, I. Belhau. Harvard Medical School, Cambridge, MA, USA</td>
</tr>
<tr>
<td>32</td>
<td>174</td>
<td>PRESENTATION OF RHEUMATIC HEART DISEASE IN A SPECIALIST CLINIC IN SUDAN</td>
<td>A. Karrar, R. Al-Khalifa, I. Ali. Dept. of Cardiology, Ahmed Gasim Hospital, Khartoum, Sudan</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 24, 2011

P211 QUALITY IMPROVEMENT AND OUTCOMES / PRACTICE GUIDELINES

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>176</td>
<td>ECONOMIC IMPACT OF SAME DAY DISCHARGE AFTER ELECTIVE PERCUTANEOUS CORONARY INTERVENTION</td>
<td>P. Muthusamy, D. Busman, D. Berndt, A. Beekman, D. Woohns Spectrum Health, Grand Rapids, MI, USA</td>
</tr>
<tr>
<td>35</td>
<td>177</td>
<td>CLINICAL MANAGEMENT OF A HIGH RISK DIABETIC POPULATION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION</td>
<td>P.F. Pollice, P.P. Pollice, B.L. Leclercq Private Clinic, Andria, BT, Italy</td>
</tr>
<tr>
<td>37</td>
<td>179</td>
<td>ACUTE CORONARY SYNDROME AND GUIDELINES-EDUCATION DOES NOT NECESSARILY CHANGE PRACTICE</td>
<td>V. Sharma, S. Vijayan, P. Thomas Morriston Hospital Cardiac Centre, Swansea, UK</td>
</tr>
<tr>
<td>38</td>
<td>180</td>
<td>A RELIABLE, CONFIRMATORY MARKER OF CLINICAL RESPONSE TO AQUAPHERESIS THERAPY</td>
<td>D. Gajanana, M. Aradhya, S. Silparshetty, H. Polimera, E. Amedeo, P. Sugathan, St Luke’s Hospital and Health Network, Bethlehem, PA, USA</td>
</tr>
<tr>
<td>39</td>
<td>181</td>
<td>IS P WAVE DURATION ON 12-LEADS ECG USEFUL TO SELECT ISCHEMIC STROKE PATIENTS FOR 24 HOURS AMBULATORY HOLTER MONITORING?</td>
<td>K. Chee, D. Coles, D. McGill The Prince Charles Hospital, Brisbane, Queensland, Australia</td>
</tr>
<tr>
<td>40</td>
<td>182</td>
<td>UNCLAIMED ELECTROCARDIOGRAM REPORTS AT THE INPATIENT CHARITY AREAS OF A TERTIARY HOSPITAL (THE ERICA STUDY)</td>
<td>J.D.A. Magno, M.O. Matulac, E.B. Reyes Department of Medicine, UP-Philippine General Hospital, Manila, Philippines</td>
</tr>
<tr>
<td>41</td>
<td>183</td>
<td>SECURING FOLLOW-UP APPOINTMENTS FOR ACUTE CONGESTIVE HEART FAILURE (CHF) PATIENTS TO PREVENT READMISSIONS</td>
<td>W. Htun, O. Al-Awwad, A. Saxena Lutheran Medical Center, Brooklyn, NY, USA</td>
</tr>
</tbody>
</table>
MONDAY, JULY 25, 2011

08:30 – 11:15 Hall A

PL:07 Plenary Session
ADVANCED DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY

Chairpersons: S.F. Nagueh, Houston, TX, USA
N.C. Nanda, Birmingham, AL, USA

08:30 ASSESSMENT OF CARDIAC IRON OVERLOAD BY MAGNETIC RESONANCE (Invited Lecture)
R. Krittayaphong, Siriraj Hospital, Mahidol University, Bangkok, Thailand

08:45 NEW OPTIONS IN NONINVASIVE ASSESSMENT OF LEFT VENTRICULAR TORSION (Invited Lecture)
J.N. Bella, Bronx -Lebanon Hospital Center, NY, USA

09:00 HEMODYNAMIC ASSESSMENT BY ECHOCARDIOGRAPHY (Invited Lecture)
S.F. Nagueh, Methodist DeBakey Heart Center, Houston, TX, USA

09:15 RECENT ADVANCES IN ECHOCARDIOGRAPHY (Invited Lecture)
N.C. Nanda, University of Alabama, Birmingham, AL, USA

09:30 THE ROLE OF TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN ACUTE AORTIC SYNDROMES (Invited Lecture)
E. Bossone, Cava de Tirreni & Amalfi Coast Hospital, Italy

09:45 X-RAY FUSED WITH MRI FOR DELIVERY OF STEM CELLS TO THE PERICARDIAL SAC (Invited Lecture)
D.L. Kraitchman, Johns Hopkins University School of Medicine, Baltimore, MD, USA

10:00 ADVANCE APPLICATIONS OF CARDIOVASCULAR MRI: FOCUS ON CONTRAST IMAGING OF THE MYOCARDIUM (Invited Lecture)
R.W. Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

10:15 EMERGING NONINVASIVE METHODS FOR ASSESSMENT OF MYOCARDIAL VISCO ELASTICITY (Invited Lecture)
C. Pislaru, M.W. Urban, J.F Greenleaf
Mayo Clinic College of Medicine, Rochester, MN, USA

10:30 ECHOCARDIOGRAPHY IN THE CATH LAB - A TEAM APPROACH TO PERCUTANEOUS VALVULAR INTERVENTIONS (Invited Lecture)
S.V. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

10:45 STRESS ECHOCARDIOGRAPHY IN CLINICAL PRACTICE (Invited Lecture)
M. Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

11:00 TWO-DIMENSIONAL INTRAVASCULAR NEAR-INFRARED FLUORESCENCE MOLECULAR IMAGING (Invited Lecture)
M.A. Calfon, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

11:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

Abstract No.
08:30 – 10:45

**PL:08 Plenary Session**
ATHEROSCLEROSIS: PATHOGENESIS AND NOVEL THERAPEUTIC TARGETS

Chairpersons: **S.D. Gertz**, Jerusalem, Israel  
**J.L. Mehta**, Little Rock, AR, USA

**Abstract No.**

08:30  **THE PIVOTAL ROLE OF ENDOTHELIAL DYSFUNCTION IN CARDIOVASCULAR DISEASES - A NANOMEDICAL APPROACH**  
(Invited Lecture)  
Z. Kwias, **T. Malinski**, Ohio University, Athens, OH, USA

08:45  **HEMODYNAMIC FORCES IN THE PATHOGENESIS OF ABDOMINAL AORTIC ANEURYSM**  
(Invited Lecture)  
**S.D. Gertz**, Hebrew University Hadassah Medical School, Jerusalem, Israel

09:00  **MICRORN A IN THE REGULATION OF OXIDATIVE STRESS AND INFLAMMATION ASSOCIATED WITH CAD**  
(Invited Lecture)  
**P. Holvoet**, D. De Keyzer, M. Hulsmans  
Katholieke Universiteit Leuven, Belgium

09:15  **REGULATION OF CORONARY VASOMOTOR FUNCTION BY OXIDATIVE STRESS**  
(Invited Lecture)  
**L. Kuo**, N. Thengchaisri, T.W. Hein  
Texas A&M Health Science Center, Temple, TX, USA

09:30  **ASSOCIATIONS OF MODIFIED LDLS WITH ATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE IN PATIENTS WITH END-STAGE KIDNEY DISEASE**  
(Invited Lecture)  
University of Arkansas for Medical Sciences, Little Rock, AR, USA

09:45  **NOVEL ROLE OF IMMUNOGLOBULIN E IN ATHEROSCLEROSIS**  
(Invited Lecture)  
**J. Wang**, **G-P. Shi**, Brigham and Women’s Hospital, Boston, MA, USA

10:00  **INTERLEUCIN - 6: A STRONG PREDICTOR OF CORONARY ATHEROSCLEROSIS EXTENT AND SEVERITY**  
(Invited Lecture)  
**S.N. Koulouris**, Evangelismos Hospital, Athens, Greece

10:15  **BLOCKADE OF THE RENIN-ANGIOTENSIN SYSTEM INHIBITS C-REACTIVE PROTEIN MEDIATED VASCULAR INJURY**  

10:30  **PLAQUE MORPHOLOGY OF ACUTE CORONARY SYNDROME ASSESSED BY OCT**  
Wakayama Medical University, Wakayama, Japan

10:45  **COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
MONDAY, JULY 25, 2011

08:30 – 11:15 Hall C

S26 Session
NEW DIRECTIONS IN CARDIAC SURGERY

Chairpersons: R. Hetzer, Berlin, Germany
W. Mohl, Vienna, Austria

Abstract No.

08:30 PERICARDIECTOMY VERSUS MEDICAL TREATMENT FOR THE MANAGEMENT OF RELAPSING PERICARDITIS
M.H. Khandaker, K.L. Greason, N.S. Anavekar, R.E. Espinosa, S.N. Hayes, R.A. Nishimura, H.V. Schaff, J.K. Oh
Mayo Clinic and Mayo Foundation, Rochester, MN, USA

08:45 IMPROVING CORONARY SURGERY FOR DIABETICS: ADDING A RADIAL ARTERY GRAFT INCREASES LONG TERM SURVIVAL
D.M. Hoffman, H. De Castro, K.R. Dimitrova, C.M. Geller, P. Friedmann, R.F. Tranbaugh, Beth Israel Medical Center, New York, NY, USA

09:00 IMPACT OF RENAL INJURY ON CLINICAL OUTCOMES FOLLOWING TRANSAPICAL AORTIC VALVE IMPLANTATION
St. Paul’s Hospital, University of British Columbia, Vancouver, BC, Canada

09:15 CORONARY ARTERY BYPASS SURGERY IN WOMEN: THE ROLE OF RADIAL ARTERY GRAFTING

09:30 RESULTS OF URGENT CABG AFTER CLOPIDOGREL LOADING DOSE IN ACUTE CORONARY SYNDROMES
G.B. Blossom, J. Lehoux, R. Soans, L. Shaffer, D.R. Watson
Riverside Methodist Hospital, Columbus, OH, USA

09:45 SUCCESSFUL TWELVE HOURS OF CARDIAC PRESERVATION WITH CUSTODIOL-N, A NOVEL ORGAN PROTECTION SOLUTION IN AN ORTHOTOPIC HEART TRANSPLANTATION MODEL
G. Szabo, G. Veres, T. Radovits, B. Schmack, A. Weymann, M. Karck, F. Horkay, I. Hartysanszky
Department of Cardiac Surgery, University of Heidelberg, Heidelberg, Germany

10:00 ROBOT-ASSISTED VASCULAR SURGERY TODAY
P. Stadler, L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic

10:15 WHICH IS BETTER: SKELETONIZED OR PEDICLED IMA-HARVESTING TECHNIQUES
A. Erkin, S. Sarikaya, A. Elibol, E. Aksoy, A. Ak, H. Sacli, M. Dedemoglu, I. Mataraci, M. Sismanoglu, K. Kirali
Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey

10:30 PREVALENCE AND DETERMINANTS OF ELECTRICAL ALTERNANS IN PATIENTS WITH CARDIAC TAMponADE
A. Kumar, A. Brofferio, J. Shirani, Geisinger Medical Center, Danville, PA, USA
Abstract No. 10:45 OUTCOMES OF AORTIC VALVE REPLACEMENT VIA RIGHT MINI-THORACOTOMY VS. MEDIAN STERNOTOMY AFTER PRIOR CARDIAC SURGERY
A.M. Pineda, O. Santana, J. Reyna, A. Sarria, G.A. Lamas, J. Lamelas
Mount Sinai Heart Institute, Miami Beach, FL, USA

Abstract No. 11:00 INDUCTION IMMUNOSUPPRESSION WHEN DRIVELINE INFECTION IS THE INDICATION FOR CARDIAC TRANSPANTATION
A.J. Voelkel, K.C. McCants, U. Sharma, M.L. Williams, S.D. Prabhu, E.J. Birks, M.S. Slaughter, University of Louisville, Louisville, KY, USA

08:30 – 11:30 Hall D

S27 Session
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

Chairpersons: Y. Charuzi, Los Angeles, CA, USA
N.D. Wong, Irvine, CA, USA

08:30 ADHERENCE TO DRUGS THAT PREVENT CARDIOVASCULAR DISEASE: A META-ANALYSIS
H. Naderi, J.P. Bestwick, D.S. Wald
Queen Mary University of London, London, UK

08:45 CAROTID PLAQUE THICKNESS IS SUPERIOR TO CAROTID INTIMA-MEDIA THICKNESS IN PREDICTING CORONARY ARTERY DISEASE SEVERITY IN A MIDDLE-AGED PATIENT POPULATION
K. Triantafyllou, P. Symeonides, S. Pastromas, H. Anninos, S.N. Koulouris
Evaggelismos Hospital, Athens, Greece

09:00 COPES II RANDOMIZED CONTROLLED TRIAL – 1-YEAR NON-FATAL MYOCARDIAL INFARCTION AND MORTALITY RESULTS
K.W. Davidson, N. Rieckmann, I. Kronish, S. Ye, C. Batres, J.E. Schwartz, M.M. Burg, Columbia University Medical Center, New York, NY, USA

09:15 IMPACT OF EPICARDIAL ADIPOSE TISSUE VOLUME ON CARDIAC SIZE DETERMINED BY CHEST ROENTGENOGRAM
N.C. Baker, C. Assal, J. Shirani
Geisinger Medical Center, Danville, PA, USA

09:30 AFRICAN-ANCESTRY PATIENTS WITH HYPERLIPIDEMIA HAVE A HIGH PREVALENCE OF HYPERTENSION AND TYPE II DIABETES; RESULTS FROM THE CEPHEUS SOUTH AFRICA STUDY
C.L. Schamroth, D. Raal, G. Vandenhoven, A-M. Temmerman
Dept. of Cardiology, Milpark Hospital, Johannesburg, Gauteng, South Africa
MONDAY, JULY 25, 2011

09:45  CONTROL OF HYPERLIPIDEMIA AND PRESENCE OF CARDIOVASCULAR RISK FACTORS IN SOUTH AFRICAN WOMEN; RESULTS FROM THE CEPHEUS SOUTH AFRICA STUDY
   N. Rapeport, C.L. Schamroth, Milpark Hospital, Johannesburg, South Africa

10:00  GRACE VERSUS TIMI RISK SCORES FOR RISK STRATIFICATION IN FILIPINO PATIENTS WITH ACUTE CORONARY SYNDROMES AT THE PHILIPPINE HEART CENTER
   H.J.M. Brown, J.S. Jumangit, Philippine Heart Center, Quezon City, Philippines

10:15  MAINTAINING PHYSICAL FITNESS OF PATIENTS WITH CHRONIC HEART FAILURE: A RANDOMIZED CONTROLLED TRIAL
   P.J.M. Beckers, J. Denollet, N.M. Possemiers, K. Wuyts, C.J. Vrints, V.M. Conraads, Antwerp University Hospital, Edegem, Antwerp, Belgium

10:30  INFLUENCE OF COMORBIDITIES ON ONE-YEAR OUTCOMES IN NON-ST-SEGMENT ELEVATION ACUTE CORONARY SYNDROME

10:45  PREDICTORS OF HOSPITAL MORTALITY IN CORONARY ARTERY BYPASS GRAFT SURGERY PATIENTS REQUIRING INTRA-AORTIC BALLOON PUMP SUPPORT
   C. Chen-Scarabelli, L. II Saravolatz, L. Saravolatz, G. Faggian, A. Mazzucco, T.M. Scarabelli
   St John Hospital/Wayne State University, Detroit, MI, USA

11:00  PATTERNS AND DETERMINANTS OF DYSLIPIDEMIA IN “YOUNG” VERSUS “NOT SO YOUNG” PATIENTS OF CAD IN NORTH INDIAN POPULATION
   Sahara Hospital, Lucknow, UP, India

11:15  UTILIZATION OF PHASE II CARDIAC REHABILITATION IN VA PATIENTS: A RETROSPECTIVE SINGLE CENTER EXPERIENCE
   M.B. Jhawar, A.K. Chan, A. Mehra, L. Christianson, K. Aggarwal, K.C. Dellsperger, A. Chockalingam, Division of Cardiovascular Medicine, University of Missouri School of Medicine and Harry S. Truman VA Medical Center, Columbia, MO, USA

11:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
### Plenary Session

**PEdiATric CARDiOLOGY AND CARDiAC surGERY / CONGeNital HEART DiSEASE**

Chairpersons: **J.A. Elefteriades**, New Haven, CT, USA  
**T.F. Feltes**, Columbus, OH, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15</td>
<td>228</td>
<td><strong>FAMILY BASED STUDIES OF THE GENETICS OF CONGENITAL HEART DEFECTS</strong></td>
<td>S.B. Bleyl, C.B. Arrington N.E. Bowles</td>
<td>University of Utah School of Medicine Eccles Institute of Human Genetics, Salt Lake City, UT, USA</td>
</tr>
<tr>
<td>11:30</td>
<td>229</td>
<td><strong>THE IMPACT OF OBESITY AND OTHER CARDIOVASCULAR RISK FACTORS IN ADULTS WITH CONGENITAL HEART DEFECTS</strong></td>
<td>A.T. Yetman</td>
<td>University of Utah, Salt Lake City, UT, USA</td>
</tr>
<tr>
<td>11:45</td>
<td>230</td>
<td><strong>BOVINE AORTIC ARCH - A MARKER FOR THORACIC AORTIC DISEASE</strong></td>
<td>J.A. Elefteriades</td>
<td>Yale University School of Medicine, New Haven, CT, USA</td>
</tr>
<tr>
<td>12:00</td>
<td>231</td>
<td><strong>THE US HEALTH CARE REFORM ACT: WHAT IT WILL MEAN FOR THE PEDIATRIC CARDIOLOGIST</strong></td>
<td>T.F. Feltes</td>
<td>The Ohio State University, Columbus, OH, USA</td>
</tr>
<tr>
<td>12:15</td>
<td>232</td>
<td><strong>SEMISUPINE CYCLE STRESS ECHOCARDIOGRAPHY IN PAEDIATRIC CARDIOLOGY: A SUPERIOR METHOD OF EXERCISE TESTING</strong></td>
<td>G. Sandor</td>
<td>University of British Columbia, Vancouver, BC, Canada</td>
</tr>
<tr>
<td>12:30</td>
<td>233</td>
<td><strong>LEFT VENTRICULAR NONCOMPACTATION IN CHILDHOOD: VARIABLE CLINICAL PRESENTATIONS</strong></td>
<td>P.R.A. Gaskin</td>
<td>University of Maryland, Baltimore, MD, USA</td>
</tr>
<tr>
<td>12:45</td>
<td>234</td>
<td><strong>THE IMPACT OF NON-INVASIVE MAGNETIC RESONANCE IMAGING ON PEDIATRIC CARDiac CARE</strong></td>
<td>E.L. Heathfield, T. Hussain, S. Qureshi, T. Witter, A. Bell, P. Beerbaum, R. Razavi, G.F. Greil</td>
<td>King’s College London BHF Centre, Division of Imaging Science, Biomedical Research Centre of Guy’s and St. Thomas’ NHS Foundation Trust, London, UK</td>
</tr>
<tr>
<td>13:00</td>
<td>235</td>
<td><strong>A DOSE-RESPONSE STUDY OF VASOPRESSIN IN SYSTEMIC AND REGIONAL HEMODYNAMICS IN ASPHYXIATED NEWBORN PIGS</strong></td>
<td>D.C. Cheung, R.S. Gill, J.Q. Liu, N. Manoucherhi, D.L. Bigam, P.Y. Cheung, B. Dicken</td>
<td>University of Alberta, Edmonton, Canada</td>
</tr>
<tr>
<td>13:15</td>
<td>236</td>
<td><strong>ECHOCARDIOGRAPHIC DETECTION OF CARDIAC ALLOGRAFT REJECTION IN CHILDREN</strong></td>
<td>S.C. West, C.H. Saunders, K.A. Jayakumar</td>
<td>University of Virginia, Charlottesville, VA, USA</td>
</tr>
<tr>
<td>13:30</td>
<td></td>
<td><strong>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MONDAY, JULY 25, 2011

11:00 - 13:30 Hall B

PL:10  Plenary Session
ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

Chairpersons: J.H. Chesebro, Worcester, MA, USA
J.G. Filep, Montreal, Quebec, Canada

Abstract No.

11:00  DIFFERENTIATING STEMI FROM NON-ISCHEMIC ST ELEVATION
IN PATIENTS PRESENTING WITH CHEST PAIN (Invited Lecture)
Y. Birnbaum, V. Tran, H.D. Huang, J.G. Diez, G. Kalife, R. Goswami, D. Paniagua,
H. Jneid, S.R. Sherron, J.M. Wilson, Baylor College of Medicine, Houston, TX, USA

11:15  C-REACTIVE PROTEIN AND ACUTE CORONARY ARTERY DISEASE:
CRP'S STRUCTURE AFFECTS FUNCTION (Invited Lecture)
J.G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

11:30  EFFICIENT, COST-SAVING, AND SAFE CHEST PAIN EVALUATION IN THE
ED WITH TESTS TO MINIMIZE RADIATION (Invited Lecture)
J.H. Chesebro, Umass Memorial Medical School and Medical Center, Worcester, MA, USA

11:45  PRESENT STATUS AND FUTURE PERSPECTIVE OF OPTICAL
COHERENCE TOMOGRAPHY (Invited Lecture)
T. Akasaka, T. Kubo, M. Mizukoshi, A. Tanaka, H. Kitabata
Wakayama Medical University, Japan

12:00  PROLONGATION OF STEM CELL SURVIVAL WITH RESVERATROL:
A MICRO RNA STUDY (Invited Lecture)
D.K. Das, University of Connecticut School of Medicine, Farmington, CT, USA

12:15  ERYTHROPOIETIN IN PATIENTS WITH ACUTE ST-SEGMENT-ELEVATION
MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS
CORONARY INTERVENTION: TWO-YEAR RESULTS OF THE
REVIVAL-3 TRIAL (Invited Lecture)
I. Ott, J. Mehilli, S. Schulz, A. Schömig, A. Kastrati
Deutsches Herzzentrum, Munchen, Germany

12:30  EFFECTIVE MANAGEMENT STRATEGIES FOR COMPLICATED
MI PATIENTS (Invited Lecture)
H.K. Reddy, R.C. Komatireddy
University of Arkansas for Medical Sciences, Little Rock, AR, USA

12:45  NOVEL APPROACH TO ECG ANALYSIS OF ISCHEMIA - BEYOND
THE ST SEGMENT (Invited Lecture)
G.L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

13:00  FRACTIONAL FLOW RESERVE IN CONSECUTIVE ‘REAL-WORLD’ PATIENTS
(Invited Lecture)
A. Puri, M. Liang, G. Devlin, D.J. Kelly, M. Menon, CSM Medical University, Lucknow, India

13:15  REDUCED MICROVASCULAR DENSITY IN NON-ISCHEMIC
MYOCARDIUM OF PATIENTS WITH RECENT NON-ST-SEGMENT
MYOCARDIAL INFARCTION (Invited Lecture)
D.J. Campbell, St. Vincent’s Institute of Medical Research, Fitzroy, Victoria, Australia

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 25, 2011

11:15 – 14:15 Hall C

S28 Session
ARRHYTHMIA I: SUDDEN CARDIAC DEATH/ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

Chairpersons: L. Mestroni, Aurora, CO, USA
A.T. Weiss, Jerusalem, Israel

Abstract No.

11:15 EFFECT OF GENDER AND AGE ON DEFIBRILLATION INTERVENTION WITH ICDs FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH
P. Menaria, K. Axtell, C. Kolibash, J. Sra, M. Akhtar, V. Nangia
Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

11:30 SIMPLIFIED SUBCUTANEOUS MULTI-COIL ARRAY IMPLANTATION FOR HIGH DEFIBRILLATION THRESHOLD
S.A. Kakodkar, M.J. Shih, C. Madias, K. Krishnan, R.G. Trohman
Rush University Medical Center, Chicago, IL, USA

11:45 DEFIBRILLATION USING PULSED LOW-ENERGY FAR-FIELD STIMULATION: APPLICATIONS FOR TERMINATION OF ATRIAL AND VENTRICULAR FIBRILLATION
Dept. of Biomedical Sciences, Cornell Universty, Ithaca, NY, USA

12:00 PATIENT REFUSAL IS COMMON AMONG ELIGIBLE ICD CANDIDATES FOR PRIMARY PREVENTION OF SUDDEN DEATH
H. Li, S. Sturm
University of Minnesota Physicians Heart, Eden Prairie, MN, USA

12:15 CHRONIC BIPHASIC VERSUS CATHODAL PACING IN ACUTE MI
R. Hall, D. Hepp, M. Mower
University of Minnesota Law School, Minneapolis, MN, USA

12:30 THE USE OF SINGLE COIL ICD LEAD SYSTEMS IN OBESE PATIENTS: A SINGLE CENTER EXPERIENCE
R. Mokabberi, A. Haftbaradaran, R. Storm, J. Oren, P. Vijayararaman, G. Dandamudi, Geisinger Medical Center, Danville, Abu Dhabi, United Arab Emirates

12:45 SURVIVAL ANALYSIS OF EXISTING IMPLANTABLE CARDIOVERTER DEFIBRILLATOR LEADS: THE SAFE ICD LEADS VA FDA PILOT STUDY
L. Barrington, H. Moore, K. Selzman, E. Keung, B. Lewis
Veterans Affairs Medical Center, Washington, DC, USA

13:00 ATRIOVENTRICULAR NODE ABLATION IMPROVES RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY BY MECHANISMS OTHER THAN RATE CONTROL ALONE IN PATIENTS WITH ATRIAL FIBRILLATION
MONDAY, JULY 25, 2011

13:15 THERAPUTIC HYPOTHERMIA FOR OUT-OF-HOSPITAL CARDIAC ARREST PATIENTS: SINGLE TERTIARY CARE CENTER EXPERIENCE
A.B. Catino, R. Dhingra, C.L. Grigel, A.T. Kono
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

13:30 DIAGNOSIS OF BACTERIAL INFECTIONS DUE TO PACEMAKER AND DEFIBRILLATOR IMPLANTATION
F. Fayaz, H. Ghassemian, P. Pourmalek, F. Faridnia
Shaheed Beheshti University, Tehran, Iran

13:45 PROARRHYTHMIC CHARACTERISTICS OF AUTOMATED IMPLANTABLE CARDIOVERTER DEFIBRILLATORS
A. Kannan, S. Satti, I. Friedlander, G. Bonavita
Canton Medical Education Foundation, Canton, OH, USA

14:00 SUSTAINABLE GRASSROOTS SCREENING PROGRAM TO REDUCE SUDDEN CARDIAC DEATH IN UNIVERSITY STUDENTS
A.C. Argianas, J. Marek, J. Davis, Midwest Heart Foundation, Oakbrook Terrace, IL, USA

14:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

11:30 – 13:45 Hall D

S29 Session
VASCULAR BIOLOGY, BASIC RESEARCH

Chairpersons: T. Malinski, Athens, OH, USA
G-P. Shi, Boston, MA, USA

11:30 PROGRESSION OF CORONARY CALCIFICATION RELATED TO SERUM OSTEOPROTEGERIN LEVELS
I.G. Poornima, L.H. Kuller
Gerald McGinnis Institute of Cardiovascular Diseases at Allegheny General Hospital, Pittsburgh, PA, USA

11:45 HYPERLIPIDEMIC DISRUPTION OF VASCULAR IMMUNE HOMEOSTASIS AND ATHEROGENESIS
A.J. Merched, Baylor College of Medicine, Houston, TX, USA

12:00 CONTROL OF MACROPHAGE FOAM CELL FORMATION BY CYTOKINES
D.R. Michael, J.E. McLaren, N. Li, R.C. Salter, T.G. Ashlin, M.L. Buckley, D.P. Ramji
School of Biosciences, Cardiff University, Cardiff, UK

12:15 ANALYSIS OF MYXO MAVIRAL SERPIN TREATMENT FOR INFLAMMATORY VASCULITIC SYNDROMES, GIANT CELL AND TAKAYASU ARTERITIS
University of Florida, Gainesville, FL, USA
MONDAY, JULY 25, 2011

12:30  PHARMACOLOGICAL INDUCTION OF LEUKOTRIENE B4 12-HYDROXYDEHYDROGENASE (LTB4DH) IN HUMAN NEUTROPHILS AND ITS POTENTIAL IN THE TREATMENT OF MYOCARDIAL INJURY
L. Wei, X.C. Le, Z.Y. Xia, Y. Han, J. Rong
The University of Hong Kong, Hong Kong, China

12:45  PDGF, FGF AND VEGF TEMPORAL REGULATION OF CORONARY ARTERIES DURING PRENATAL DEVELOPMENT
R.J. Tomanek, University of Iowa, Iowa City, IA, USA

13:00  THE EFFECT OF WALL SHEAR STRESS IN ENDOTHELIAL TISSUE CULTURE MODELS OF PHYSIOLOGICALLY-SIGNIFICANT GEOMETRIES
A.A. Emmott, R.L. Leask, McGill University, Montreal, PQ, Canada

13:15  HUMANIZED MOUSE MODEL OF THROMBOSIS IS PREDICTIVE OF THE CLINICAL EFFICACY OF ANTIPLATELET AGENTS

13:30  TOTAL PLASMA ANTIOXIDANT CAPACITY IN APOE DEFICIENT MICE FOLLOWING DIETARY ADMINISTRATION OF HDL MIMETIC PEPTIDES
S. Safarpour, M. Haghnegahdar, L. Vakili, S. Vazirian, S. Hama, G. Hough David Geffen School of Medicine, University of California, Los Angeles, CA, USA

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION

08:00 – 13:00  Poster Hall

P403  ECHOCARDIOGRAPHY

Board No

1  ADVANTAGES OF COMBINING SUPINE BICYCLE ERGOMETRY AND DOBUTAMINE STRESS ECHOCARDIOGRAPHY
S. Gudibanda, M. Torosoff, K Bowe, J Conklin, K Daudiss, S.A. Fein Albany Medical Center, Albany, NY, USA

2  GENDER DIFFERENCES IN LEFT ATRIAL VOLUME BY ECHOCARDIOGRAPHY IN PATIENTS WITH FALSE POSITIVE MYOCARDIAL PERFUSION SCANS
R. Bhardwaj, H. Dod, M. Finkel, N.C. Nanda, I. Dar, W. Gharib, R. Beto, A. Jain, West Virginia University, Morgantown, WV, USA

3  AORTIC ROOT DILATATION IS ASSOCIATED WITH AGE, GENDER, HIGH BMI AND AORTIC VALVE DISEASE
G. Parvizi, C. Manrique, M. Hashemzadeh, M.R. Movahed University of Arizona Sarver Heart Center, Southern Arizona VA Health Care System, AZ, USA

4  THE RELATIONSHIP OF DIASTOLIC DYSFUNCTION WITH CLINICAL AND EXERCISE MEASUREMENTS IN PATIENTS WITH CHEST PAIN
M. Tucciarone, M. Frederick, R. Bess, K. Narala, S. Szpunar, G. Cohen St. John Hospital and Medical Center, Detroit, MI, USA
RIGHT ATRIAL THROMBUS IN PATIENTS WITH TUNNELED CUFFED HEMODIALYSIS CATHETERS
M.A. Al Murayeh, A.M. Al Masswary, M.S. Moselhy, K. Al Sheikh, M.A. Dardir, A.A. Youssef
Armed Forces Hospital, Southern Region, Khamis Mushayt, Saudi Arabia

COMPARISONS OF SPECKLE TRACKING ECHOCARDIOGRAPHY, TISSUE DOPPLER IMAGING AND TRANSMITRAL PULSED-WAVE DOPPLER FOR ESTIMATION OF DIASTOLIC DYSFUNCTION IN PATIENTS WITH ACUTE CORONARY SYNDROME
T. Ahamed Kassim, S. Napan, M.D. Greenberg, B. Curry
Howard University Hospital, Washington, DC, USA

THE ROLE OF ECHOCARDIOGRAPHY IN PATIENTS WITH METABOLIC SYNDROME
S. Enar, L. Sarac, Turkey Hospital, Istanbul, Turkey

DIASTOLIC STRAIN RATE AND DOPPLER PARAMETERS ARE ASSOCIATED WITH SCAR SIZE AND TRANSMURALITY IN ST-ELEVATION MYOCARDIAL INFARCTION PATIENTS
University of Texas Health Science Center at Houston, Houston, TX, USA

SIGNIFICANCE OF EXERCISE MYOCARDIAL SPECT IN IDENTIFYING THE CULPRIT VESSEL IN TRIPLE VESSEL DISEASE
Loyola University Medical Center, Maywood, IL, USA

RADIONUCLIDE INVESTIGATIONS OF HEART IN PATIENTS WITH CORONARY HEART DISEASE AND POST-INFARCTION CARDIOSCLEROSIS AFTER CELL THERAPY
Institute of Gastroenterology of the Ministry of Health of the Republic of Tajikistan

USING FRAMINGHAM RISK SCORE AND ANKLE BRACHIAL INDEX TO PREDICT CARDIAC STRESS TEST RESULTS IN ACUTE CHEST PAIN PATIENTS

DYNAMICS OF MYOCARDIAL PERFUSION ACCORDING TO DATA FROM MYOCARDIAL SCINTIGRAPHY USING TC99M WITH MIBI AMONG PATIENTS WITH CORONARY HEART DISEASE AND POSTINFARCTION CARDIOSCLEROSIS AFTER CELL THERAPY
A. Dustov, G. Mirojov
The Institute of Gastroenterology of the Ministry of Health, Dushanbe, Tajikistan
### P207 PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>280</td>
</tr>
<tr>
<td>14</td>
<td>281</td>
</tr>
<tr>
<td>15</td>
<td>282</td>
</tr>
<tr>
<td>16</td>
<td>283</td>
</tr>
<tr>
<td>17</td>
<td>284</td>
</tr>
<tr>
<td>18</td>
<td>285</td>
</tr>
<tr>
<td>19</td>
<td>286</td>
</tr>
<tr>
<td>20</td>
<td>287</td>
</tr>
</tbody>
</table>

**13 SCREENING WOMEN FOR CORONARY HEART DISEASE RISK**

**J.C. McSweeney**, M.A. Cleves, E.P. Fischer, J. Wei  
University of AR for Medical Sciences, Little Rock, AR, USA

**14 PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN GUYANA, SOUTH AMERICA**

J.D. Silverman, S. Kestenbaum, R. Kloss, L. Linette, M. Chiang, L. Aronson,  
**M. Silverman**, S. Roth, Lakeridge Health Corp, Oshawa, Mount Sinai Hospital, University of Toronto, Canada

**15 A RANDOMIZED CONTROLLED FIELD TRIAL ON BEHAVIORAL MODIFICATION INTERVENTION AMONGST ADOLESCENTS FOR CARDIOVASCULAR DISEASE PREVENTION IN ZAHEDAN, IRAN**

Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia

**16 COMPARISON OF CAROTID INTIMA MEDIA THICKNESS (CIMT) OBTAINED AT HIGH FREQUENCY (14 MHZ) VS. STANDARD FREQUENCY (8MHZ)**

**K.M. Bhagirath**, S.J. Lester, J.A. Humphries, R.T. Hurst  
Mayo Clinic, Scottsdale, AZ, USA

**17 HOW DOES CAROTID PLAQUE RELATE TO CLINICAL AND DIAGNOSTIC FINDINGS IN PATIENTS IN THE CHEST PAIN UNIT?**

**M. Tucciarone**, M. Frederick, R. Bess, S. Szpunar, G. Cohen  
St. John Hospital and Medical Center, Detroit, MI, USA

**18 A GENERALIZED LINEAR MIXED MODELS APPROACH FOR DETECTING MYOCARDIAL INFARCTION MORTALITY AND MORBIDITY IN MAZANDARAN, IRAN, 2008-2009**

**A. Khalilian**, E. Ghorbanpour, M. Rahimi Janani  
Mazandaran Medical Sciences University, Iran

**19 CARDIOVASCULAR RISK FACTORS IN YOUNG SAUDI ADULTS PRESENTED WITH ACUTE CORONARY SYNDROME**

**M.A. Al-Murayeh**, A.M. Al-Masswary, M.S. Moselhy, A.D. Dardir, A.A. Youssef  
Armed Forces Hospital, Southern Region, Khamis Mushayt, Saudi Arabia

**20 SCREENING INDIA’S TWIN EPIDEMIC (SITE)–DIABETES MELLITUS AND HYPERTENSION: RESULTS FROM GUJARAT**

**S. Dani**, B. Saboo, M. Vadivale, S. Joshi on behalf of the SITE Gujarat Investigators  
Life Care Institute of Medical Sciences and Research, Ahmedabad, Gujarat, India

**P404 SYSTEMIC HYPERTENSION, BASIC AND CLINICAL**

**21 ALTERATION OF THE CIRCADIAN BLOOD PRESSURE PATTERN IN SUBJECTS WITH CHRONIC KIDNEY DISEASE**

Complejo Bioengineering & Chronobiology Labs, University of Vigo, Vigo, Spain
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>289</td>
</tr>
<tr>
<td>23</td>
<td>290</td>
</tr>
<tr>
<td>24</td>
<td>291</td>
</tr>
<tr>
<td>25</td>
<td>292</td>
</tr>
<tr>
<td>26</td>
<td>293</td>
</tr>
<tr>
<td>27</td>
<td>294</td>
</tr>
<tr>
<td>28</td>
<td>295</td>
</tr>
<tr>
<td>29</td>
<td>296</td>
</tr>
<tr>
<td>30</td>
<td>297</td>
</tr>
</tbody>
</table>

**MONDAY, JULY 25, 2011**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>AGONISTIC ANGIOTENSIN II TYPE 1 RECEPTOR AUTOANTIBODIES IN PREECLAMPSIA COHORTS? <strong>M. Adamczyk</strong>, R.J. Brashear, S.C. Hsu, P.G. Mattingly Abbott Laboratories, Abbott Park, IL, USA</td>
</tr>
<tr>
<td>23</td>
<td>LOWER LEVEL OF ENOS AND C-TYPE NATRIURETIC PEPTIDE IN PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION <strong>A.A. Alqasim</strong>, Faculty of Medicine, Umm Alqura University, Makkah, Saudi Arabia</td>
</tr>
<tr>
<td>25</td>
<td>BARK EXTRACT OF Terminalia arjuna PREVENTS HIGH SODIUM CHLORIDE INDUCED HYPERTENSION IN MALE ALBINO MICE <strong>K. Basu</strong>, <strong>C.K. Manna</strong> Department of Zoology, University of Kalyani, West Bengal, India</td>
</tr>
<tr>
<td>26</td>
<td>THE EFFICACY OF DIFFERENT FORMS OF VITAMIN D SUPPLEMENTATION TO REDUCE BLOOD PRESSURE IN INSTITUTIONALIZED ELDERLY <strong>V. Mocanu</strong>, C. Galesanu, R. Haliga, C. Stefanescu, M. Badescu Gr. T. Popa University of Medicine and Pharmacy, Iasi, Romania</td>
</tr>
<tr>
<td>27</td>
<td>PREDICTION OF OUTCOME BY RIGHT VENTRICULAR STRAIN IN PULMONARY ARTERIAL HYPERTENSION <strong>E.L. Hardegree</strong>, A. Sachdev, H.R. Villarraga, R.P. Frantz, M.D. McGoon, N.M. Ammash, R.B. McCully, P.A. Pellikka, J.K. Oh, G.C. Kane Mayo Clinic, Department of Medicine, Rochester, MN, USA</td>
</tr>
<tr>
<td>28</td>
<td>CORRELATION BETWEEN PCWP AND LVEDP IN PATIENTS WITH PULMONARY HYPERTENSION <strong>V.K. Mukku</strong>, W.I. Khalife, R. Merla University of Texas Medical Branch, Galveston, TX, USA</td>
</tr>
<tr>
<td>29</td>
<td>IMPROVED CELL SURVIVAL AND PARACRINE CAPACITY OF HUMAN EMBRYONIC STEM CELLS-DERIVED MESENCHYMAL STEM CELLS PROMOTES THERAPEUTIC POTENTIAL FOR PULMONARY ARTERIAL HYPERTENSION <strong>Y-L. Zhang</strong>, H-F. Tse, <strong>Q-Z. Lian</strong>, The University of Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>30</td>
<td>CARDIAC MAGNETIC RESONANCE IMAGING ASSESSMENT OF RIGHT-TO-LEFT VENTRICULAR INTERACTION IN SLEEP APNEA PATIENTS WITH NORMAL PULMONARY PRESSURE <strong>R.S. Marfatia</strong>, S. Kumar, M. Rai, R. Feinn, E. Kaloudis, C. Yang, E. Avelar University of Connecticut Health Center, Farmington, CT, USA</td>
</tr>
</tbody>
</table>
Board No Abstract No.

31 DEVELOPMENT OF A CONTINUOUS MONITORING TECHNIQUE TO MEASURE ADEQUACY OF VENTILATION 298
Respiratory Motion, Lexington, MA, USA

32 PULMONARY HYPERTENSION IS A COMMON DISEASE: THE ARMADALE ECHO STUDY 299
G.A Strange, D.A Playford, S. Stewart, A. Kent, J.A. Deague, E. Gabbay
Monash University, Melbourne, Victoria, Australia

33 OBESITY IS STRONGLY ASSOCIATED WITH PRESENCE OF PULMONARY EMBOLISM 300
M.R. Movahed, M. Hashemzadeh, M.R. Habibzadeh
University of Arizona Sarver Heart Center, AZ, USA

34 ARE WE FOLLOWING PATIENT WITH PULMONARY EMBOLISM WELL ENOUGH? 301
A. Shah, M. Uddin, B. Bhushan, N.P. Waterfield, E. Subkovas, P.K. Das,
C.M. Bellamy, Glen Clwyd Hospital, Bodelwyddan, UK

P307 SYNCOPE

35 DIAGNOSTIC PATTERNS AND MEDICAL COSTS IN THE EVALUATION OF SYNCOPE PATIENTS AT EMERGENCY DEPARTMENT 302
H. Yoon, H.G. Song, J.S. Kim, M.J. Kang, J.U. Na, T.G. Shin, M.S. Sim,
I.J. Jo, K.J. Song, Y.K. Jeong
Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea

P306 CARDIAC ARREST AND SUDDEN CARDIAC DEATH

36 IS QT-PROLONATION A CHARACTERISTIC FEATURE OF SEVERE ANOREXIA NERVOSA 303
U.N. Sagar, M.J. Krantz, A.L. Sabel, C.S. Long, J.T. Barbey, K.V. White,
J.L. Gaudiani, P.S. Mehler
Denver Health Medical Center and University of Colorado, Denver, CO, USA

37 EFFECTS OF THERAPEUTIC HYPOThERMIA ON MYOCARDIAL REPOLARIZATION 304
T.A. Waters, V.K. Khurana, M.P. Liakos, M.T. Torosoff
Albany Medical Center, Albany, NY, USA

38 ANALYSIS OF CARDIOVASCULAR MORBIDITY AND SUDDEN DEATH RISK WITH RISPERIDONE AND PALIPERIDONE 305
S. Gopal, D.W. Hough, K., Karcher, I, Nuamah, J, Palumbo, J.A. Berlin,
A, Baseman, Y. Xu, J. Kent
Janssen Research & Development, Titusville, NJ, USA
39 DAILY FLUCTUATIONS OF MICROVOLT T-WAVE ALTERNANS AS A MARKER FOR RISK ASSESSMENT IN BRUGADA SYNDROME
K. Suzuki, T. Takagi, K. Maeda, H. Tatsumi, M. Yoshiyama
Osaka City University, Osaka, Japan

P509 CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION

40 SIGNIFICANT ASSOCIATION OF RS13376333 IN KCNN3 ON CHROMOSOME 1Q21 WITH ATRIAL FIBRILLATION IN A TAIWANESE POPULATION
Lotung Poh-Ai Hospital, Yilan, Taiwan

41 ADENOSINE INDUCED LEFT ATRIAL- PULMONARY VEINS RECONDUCTION AFTER WIDE CIRCUMFERENTIAL ANTRUM ABLATION FOR PULMONARY VEIN ISOLATION USING REMOTE MAGNETIC CATHETER
S.J. Pollak, J. Forsyth, H. Seckel, G. Monir
Arrhythmia and Ablation Center, Florida Hospital Cardiovascular Institute, Orlando, FL, USA

42 CHALLENGES IN THE ADOPTION OF REMOTE MAGNETIC NAVIGATION TO PEDIATRIC ELECTROPHYSIOLOGY PRACTICE
A.C. Kean, A.N. Kamp, M.J. LajPage, M. Dick, D.J. Bradley
The University of Michigan, Ann Arbor, MI, USA

43 COMPARISON OF METOPROLOL VS. CARVEDILOL AS A PROPHYLAXIS FOR THE PREVENTION OF POST CABG ATRIAL FIBRILLATION
M.F. Khan, M.R. Movahed
University of Arizona Sarver Heart Center, Tucson, AZ, USA

44 ANGIOTENSIN BLOCKING DRUG THERAPY (ABDT) IS ASSOCIATED WITH POST OPERATIVE ATRIAL FIBRILLATION (POAF) IN CARDIAC SURGERY PATIENTS
A. Kannan, N. Nagajothi, C. Poongkunran
Canton Medical Education Foundation, Canton, OH, USA

45 CLINICAL AND PROGNOSTIC SIGNIFICANCE OF ATRIAL FIBRILLATION IN ACUTE MYOCARDIAL INFARCTION
F.P. Pollice, P.P. Pollice, B.L. Leclercq
Dept. of Cardiovascular Surgery, Private Clinic, Andria, Italy

46 POST CABG ATRIAL FIBRILLATION: IDENTIFICATION OF THE RISK FACTORS AND THE EFFECTIVENESS OF PROPHYLACTIC BETA BLOCKER THERAPY
M.F. Khan, M.R. Movahed
University of Arizona Sarver Heart Center, Tucson, AZ, USA

47 PRO-ARRHYTHMIC EFFECT OF HYPERCALCEMIA IN THE PRESENCE OF SOTALOL
S. Kohli, X. Walker, P. Voukydis
Mount Auburn Hospital, Cambridge, MA, Harvard Medical School, Boston, MA, USA
MONDAY, JULY 25, 2011

14:00 – 16:15

Hall A

PL:11 Plenary Session

ATRIAL FLUTTER AND ATRIAL FIBRILLATION: PHARMACOLOGICAL AND NON PHARMACOLOGICAL THERAPY APPROACH

Chairpersons: B.K. Kantharia, Houston, TX, USA

N. Marrouche, Salt Lake City, UT, USA

Abstract No.

14:00 NON-PHARMACOLOGICAL TREATMENT OF ATRIAL FLUTTER
(Invited Lecture)
A.N. Shah, Mount Sinai School of Medicine, Elmhurst Hospital Center, NY, USA

14:15 CURRENT TRENDS IN ABLATION OF ATRIAL FIBRILLATION
(Invited Lecture)
K. Srivathsan, Mayo Clinic, Phoenix, AZ, USA

14:30 ABLATION OF ATRIAL FIBRILLATION: ROLE OF INTRACARDIAC ECHOCARDIOGRAPHY (Invited Lecture)
B.K. Kantharia, The University of Texas-Health Science Center at Houston, TX, USA

14:45 PERSONALIZED MANAGEMENT OF ATRIAL FIBRILLATION: AN IMAGING GUIDED APPROACH (Invited Lecture)
N. Marrouche, University of Utah Health Sciences Center, Salt Lake City, UT, USA

15:00 ABLATION OF PERSISTENT ATRIAL FIBRILLATION USING PHASED RADIOFREQUENCY ABLATION TECHNIQUE (Invited Lecture)
T. Deneke, University of Bochum, Germany

15:15 DYNAMICALLY SHAPED MAGNETIC FIELDS: DESCRIPTION AND INITIAL RESULTS OF A REAL-TIME, REMOTE EP CATHETER NAVIGATION SYSTEM (Invited Lecture)
E. Gang, Geffen School of Medicine at UCLA, Los Angeles, CA, USA

15:30 AN EVALUATION OF PATENT FORAMEN OVALE CLOSURE USING RADIOFREQUENCY ABLATION DELIVERED WITH A ROBOTIC ARM

15:45 SHORT DURATION, ORAL AMIODARONE FOR PREVENTION OF ATRIAL FIBRILLATION POST HEART SURGERY
C.C. Trotter, J.H. Khan, T. Kowolaski, A. Modak, Y. Siddiqui, P.S. Lavigne, R. Sampath, E. Davis, W.H. Carter, Charleston Area Medical Center, Charleston, WV, USA

16:00 REMOTE CONTROL CATHETER ABLATION OF ACCESSORY PATHWAYS USING A MAGNETIC NAVIGATION SYSTEM: A COMPARISON OF EFFICACY AND SAFETY BETWEEN DIFFERENT LOCATIONS
P. Parwani, N. Lippman, J. Dell’Orfano, E. Berns, R. Kahr, C. Hayes, B. Bernstein, A. Tolat
University of Connecticut School of Medicine, Hartford, CT, USA

16:15 COFFE BREAK, VISIT POSTERS AND EXHIBITION
PL:12  Plenary Session

HYPERTENSION, OBESITY, DIABETES, METABOLIC SYNDROME AND CAD

Chairpersons: M.A. Alpert, Columbia, MO, USA
E. Barrett-Connor, La Jolla, CA, USA

Abstract No.

14:00  INTERNATIONAL CAUSES AND CONSEQUENCES OF EPIDEMIC OBESITY AND DIABETES IN OLD AGE (Invited Lecture)
E. Barrett-Connor, University of California, San Diego, La Jolla, CA, USA

14:15  OBESITY CARDIOMYOPATHY: CURRENT VIEWS (Invited Lecture)
M.A. Alpert, University of Missouri School of Medicine, Columbia, MO, USA

14:30  THE CARDIO-METABOLIC SYNDROME FOLLOWING HEART TRANSPLANTATION -- INCIDENCE, IMPLICATIONS, AND MANAGEMENT (Invited Lecture)
M.R. Johnson, University of Wisconsin Medical School, Madison, WI, USA

14:45  RENIN INHIBITION: WHAT HAVE WE LEARNED? (Invited Lecture)
A.H.J. Danser, Erasmus Medical Center Rotterdam, The Netherlands

15:00  EPIGENETIC REGULATION OF PROINFLAMMATORY FACTORS IN DIABETIC HEART DISEASE (Invited Lecture)
Medical Research Center of Guangdong General Hospital, China

15:15  CLINICAL SIGNIFICANCE OF EPICARDIAL ADIPOSE TISSUE AS A VISCERAL FAT DEPOT (Invited Lecture)
J. Shirani, St. Luke’s Hospital and Health Network, Bethlehem, PA, USA

15:30  INFLUENCE OF TIME-OF-DAY OF HYPERTENSION TREATMENT ON CARDIOVASCULAR RISK (Invited Lecture)
R.C. Hermida, D.E. Ayala
University of Vigo, Spain

15:45  CURRENT IMAGING TECHNIQUES FOR EVALUATION OF CORONARY ARTERY DISEASE IN DIABETIC PATIENTS (Invited Lecture)
A. Elhendy, Marshfield, WI, USA

16:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 25, 2011

14:15 – 16:30 Hall C

S30 Session
VALVULAR HEART DISEASE / HEART VALVE SURGERY

Chairpersons: E. Bossone, Lauro, Italy
A.A. Khattab, Bern, Switzerland

Abstract No.

14:15 VALUE OF RISK ALGORITHMS IN PREDICTING EARLY AND LATE OPERATIVE OUTCOMES IN HIGH RISK PATIENTS UNDERGOING TRANSAPICAL AORTIC VALVE IMPLANTATION
St. Paul’s Hospital, University of British Columbia, Vancouver, BC, Canada

14:30 Meaningful Use of EHR Enhances MVR outcomes analysis
J.C. Chen, T.A. Pfeffer, R. Richter, Y. Chen, M-L. Kiley, H. Lee
Kaiser Permanente, The Permanente Medical Group, Oakland, CA, USA

14:45 VERY-LOW-DOSE THERAPY IN ANTICOAGULATION OF PATIENTS WITH MECHANICAL HEART VALVE REPLACEMENT SUPPORTED BY TELEMEDICINE
H. Koertke, T. Feige, L. Paluszkiwicz, J. Koerfer, S. Secer, T. Wittlinger
Heart and Diabetes Center NRW, Bad Oeynhausen, NRW, Germany

15:00 PSYCHOLOGICAL AND EMOTIONAL STATUS OF PATIENTS WITH CHRONIC MITRAL REGURGITATION: DOES THE MIND MATTER?
T. Topilsky, M.R. Trenerry, B.A. Eichhorn, M. Enriquez-Sarano
Mayo Clinic, Rochester, MN, USA

15:15 PREDICTORS OF SEVERE TRICUSPID REGURGITATION IN PATIENTS WITH PACEMAKER OR AUTOMATED IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR LEADS: A RETROSPECTIVE CASE-CONTROL STUDY
M.Q. Najib, S.S. Vittala, S. Challa, A. Raizada, H.R. Lee, H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

15:30 OUTCOMES OF A MINIMALLY INVASIVE APPROACH COMPARED WITH MEDIAN STERNOTOMY FOR THE EXCISION OF BENIGN CARDIAC MASSES
A.M. Pineda, O. Santana, C. Zamora, A.M. Benjo, G.A. Lamas, J. Lamelas
Mount Sinai Heart Institute, Miami Beach, FL, USA

15:45 IMPROVEMENT IN MITRAL INSUFFICIENCY BY EARLY STIMULATION OF THE LEFT VENTRICULAR FREE WALL
P. Voukydis, K. Juliani, Harvard Medical School, Cambridge, MA, USA

16:00 A NOVEL DIMENSIONLESS INDEX DERIVED FROM CONTINUOUS WAVE DOPPLER TO DEFINE SEVERE AORTIC VALVE STENOSIS
Baystate Medical Center, Tufts University, Springfield, MA, USA

16:15 ECHOCARDIOGRAPHIC EVIDENCE OF AORTIC REGURGITATION IS HIGHER WITH SYNTHETIC ARTERIO-VENOUS GRAFTS COMPARED TO FISTULAS
B. Doherty, A. Shetty, G.N. Nadkarni, G. Sandhu, A. Bansal, S. Cortell
St.Luke’s Roosevelt Hospital Center, New York, NY, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 25, 2011

14:00 – 16:15 Hall D

S31 Session
GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH

Chairpersons: C.S. Long, Denver, CO, USA
D.K. Singla, Orlando, FL, USA

14:00 HUMAN INDUCED PLURIPOTENT STEM CELL-DERIVED MESCENCHYMAL STEM CELLS ARE SUPERIOR TO ADULT BONE MARROW-DERIVED MESCENCHYMAL STEM CELLS IN THE TREATMENT OF LIMB ISCHEMIA
Y.L. Zhang, F.Y. Lam, C.N. Lee, H.F. Tse, Q. Lian
Dept. of Medicine, University of Hong Kong, Hong Kong, China

14:15 FRACTALKINE RECEPTOR (CX3CR1) POLYMORPHISM AND THE RISK OF CORONARY ARTERY DISEASE
H. Rai, N. Singh, S. Kumar, A. Kapoor, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India

14:30 A GENOME-WIDE ASSOCIATION STUDY OF PLATELET COUNT AND MEAN PLATELET VOLUME IN AFRICAN AMERICANS

14:45 COST-EFFECTIVENESS OF GENETIC TESTING OF LPA VARIANTS ASSOCIATED WITH CORONARY HEART DISEASE
N. Olchanski, D. Shiffman, J.J. Devlin, T.F. Goss
Boston Healthcare Associates, Inc. Boston, MA, USA

15:00 MYOBLAST TRANSPLANTATION FOR HEART REPAIR
H.J. Leonhardt, Bioheart Inc., Sunrise, FL, USA

15:15 CONNEXIN 43 OVEREXPRESSION ENSURES GAP JUNCTION FORMATION IN HUMAN MYOBLASTS AND IMPROVES HEART HEMODYNAMIC PARAMETERS
N. Rozwadowska, T. Kolanowski, A. Waclawski, E. Szymczyk, J.D. Kasprzak, T. Mietkiewski, M. Rucinski, M.K. Kurpisz
Institute of Human Genetics Polish Academy of Sciences, Poznan, Poland

15:30 LACK OF ASSOCIATION BETWEEN IL-1 BETA +3953 POLYMORPHISM WITH CORONARY ARTERY DISEASE IN INDIAN POPULATION
H. Rai, S.Kumar, S. Agrawal, N. Sinha, Sanjay Gandhi PGIMS, Lucknow, UP, India

15:45 BETA 2-ADRENERGIC RECEPTOR POLYMORPHISM DOES NOT INFLUENCE HEART RATE RESPONSE DURING DOBUTAMINE-ATROPINE STRESS ECHOCARDIOGRAPHY
V. Cotarlan, A. Brofferio, J. Sartorius, G. Gerhard, X. Chu, V. Butcher, S. Stein, J. Shirani, Geisinger Medical Center, Danville, PA, USA

16:00 ROLE OF LRP6 IN VASCULAR INTEGRITY AND ITS PERTURBATION BY ATHEROSCLEROSIS CAUSING R611C MUTATION
A. Keramati, G.G. Go, R. Singh, R.P. Lifton, A. Mani
Yale University School of Medicine, New Haven, CT, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 25, 2011

16:45 – 19:00

**Plenary Session**

**Epidemiology: Nutrition, Lifestyle and Prevention of Heart Disease**

Chairpersons: **A.L. Klatsky**, Oakland, CA, USA  
**K. Prasad**, Saskatoon, Canada

16:45 **Coffee, Caffeine, and Risk of Arrhythmia** (Invited Lecture)  
A.L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA

17:00 **Suppression, Regression and Slowing of Progression of Atherosclerosis by Flaxseed and Its Components** (Invited Lecture)  
K. Prasad, University of Saskatchewan, Saskatoon, Canada

17:15 **Magnesium Intake and Cardiometabolic Disease: Translation from Observation to Intervention** (Invited Lecture)  
Y. Song, Brigham & Women's Hospital, Boston, MA, USA

17:30 **A New Look for an Old Drug: Vitamin D in Prevention of Cardiovascular Disease** (Invited Lecture)  
L. Wang, Brigham and Women's Hospital, Boston, MA, USA

17:45 **Can We Stop the Impending Flood of Heart Failure?** (Invited Lecture)  
P.A. Heidenreich, Stanford University, VA Palo Alto Health Care System, Palo Alto, CA, USA

18:00 **Coronary Artery Disease – Eastern End of Western Disease** (Invited Lecture)  
V. Puri, Royal Lancaster Infirmary, University Hospital of Morecambe and Bay NHS Trust, Lancaster, UK

18:15 **Effect of Rural-to-Urban Within-Country Migration on Cardiovascular Risk Factors in Low and Middle Income Countries: A Systematic Review** (Invited Lecture)  
A.V. Hernandez, Cleveland Clinic, Cleveland, OH, USA

18:30 **Aging, Menopause and Ischemic Heart Disease Mortality: Analysis of 1915-1944 Birth-Cohorts from England, Wales and United States**  
D. Vaidya, D.M. Becker, V. Bittner, R.A. Mathias, P. Ouyang  
Johns Hopkins University School of Medicine, Baltimore, MD, USA

18:45 **Effect of a 6-Month Exercise-Lifestyle Intervention on Physical Performance, Cardiovascular Health, and Overall Well-Being in Women at Risk for Cardiovascular Disease: A Preliminary Report**  
P.A. Marcovitz, S.S. Billecke, M. Donnelly, B.A. Franklin  
William Beaumont Hospital, Royal Oak, MI, USA
**S32 Session**  
**RECENT ADVANCES IN CARDIAC IMAGING**

Chairpersons: **J.N. Bella**, New York, NY, USA  
**R. Krittayaphong**, Bangkok, Thailand

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:45</td>
<td>NORMAL STRESS-ONLY VERSUS STANDARD STRESS/REST MYOCARDIAL PERFUSION IMAGING: SIMILAR PATIENT MORTALITY WITH REDUCED RADIATION EXPOSURE</td>
<td><strong>J.J. Mahmarian</strong>, S.M. Chang, F. Nabi, J. Xu</td>
<td>Methodist DeBakey Heart &amp; Vascular Center, Houston, TX, USA</td>
<td>359</td>
</tr>
<tr>
<td>17:00</td>
<td>QUANTIFICATION OF LEFT VENTRICULAR VOLUME AND FUNCTION USING 3-DIMENSIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY</td>
<td><strong>M. Meng</strong>, J. Tan, D. Kitzman, P. Kirkman, H. Deng, M. Pu, S. Ganndhi, R. Henderson</td>
<td>Wake Forest University School of Medicine, Winston-Salem, NC, USA</td>
<td>360</td>
</tr>
<tr>
<td>17:15</td>
<td>CHARACTERISATION OF THE INFLAMMATORY PROCESS IN Atherosclerotic Models BY MRI AND SECARS MICROSCOPY</td>
<td><strong>L. Machtoub</strong>, <strong>M. Michalska</strong>, V. Herold, E. Bauer, P. Jakob, W. Bauer</td>
<td>Universitätsklinik für Radiodiagnostik, Tirol, Austria</td>
<td>361</td>
</tr>
<tr>
<td>17:30</td>
<td>LEFT VENTRICULAR OUTFLOW TRACT GEOMETRY SIGNIFICANTLY IMPACTS ON QUANTITATIVE DOPPLER ASSESSMENT</td>
<td><strong>H. Deng</strong>, D.W. Kitzman, P.M. Kirkman, <strong>M. Meng</strong>, P. Burgess, W. Little, M. Pu</td>
<td>Wake Forest University School of Medicine, Winston-Salem, NC, USA</td>
<td>362</td>
</tr>
<tr>
<td>17:45</td>
<td>DIAGNOSTIC ACCURACY OF DOBUTAMINE STRESS ECHOCARDIOGRAPHY FOR DETECTION OF CORONARY ARTERY DISEASE IN RENAL TRANSPLANT CANDIDATES: A METAANALYSIS</td>
<td><strong>A.M. Haftbaradaran</strong>, X. Tang, J. Sartorius, <strong>J. Shirani</strong></td>
<td>Geisinger Medical Center, Danville, PA, USA</td>
<td>363</td>
</tr>
<tr>
<td>18:00</td>
<td>QUANTITATIVE CORONARY ANGIOGRAPHY (QCA) OF INDETERMINATE LEFT MAIN DISEASE CAN RELIABLY PREDICT SEVERITY</td>
<td><strong>C.L. Laham</strong>, M.S. Chandra, M.J. McMahon, R. Venzon, M. Jerin, N.W. Shammas</td>
<td>St. Luke’s Hospital, Cedar Rapids, IA, USA</td>
<td>364</td>
</tr>
<tr>
<td>18:30</td>
<td>MYOCARDIAL DEFORMATION IMAGING CAN BE PERFORMED USING CONTRAST ECHOCARDIOGRAMS – FIRST RESULTS USING 2D CARDIAC PERFORMANCE ANALYSIS</td>
<td><strong>A. Huqi</strong>, B. Klas, I. Paterson, M. Irween, J. Ezekovitz, J. Choy, H. Becher</td>
<td>Mazankowski Alberta Heart Institute, Edmonton, Alberta, Canada</td>
<td>366</td>
</tr>
</tbody>
</table>
18:45  MRI-TAGGING REVEALS IMPACT OF BETA-BLOCKER THERAPY ON MYOCARDIAL ARCHITECTURE
       B. Schmitt, P.P. Lunkenheimer, P. Steendijk, F. Berger, T. Kuehne
       Dept. of Congenital Heart Defects, German Heart Institute Berlin, Germany

19:00  COMBINED BRUCE PROTOCOL AND REGADENOSON FOR MYOCARDIAL PERFUSION STRESS TESTING: A NOVEL APPROACH
       S.D. Jerome, J.S. Rogers, L.K. Black, S.A. Little, C.M. Jopek, R.J. Wagner
       University of Maryland, School of Medicine, Baltimore, MD, USA

16:45 – 19:30 Hall C

S33  Session

ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

Chairpersons: K. Srivathsan, Phoenix, AZ, USA
              M. Swissa, Rehovot, Israel

16:45  SAFETY AND OUTCOME OF EPICARDIAL ABLATION OF VENTRICULAR TACHYCARDIAS
       M.H. Kanj, O.M. Wazni, W.J. Saliba, B.M. Lindsay, A. Natale, P. Tchou
       Cleveland Clinic, Cleveland, OH, USA

17:00  BERIPLEX P/N RESTORES HEMOSTASIS AFTER DABIGATRAN OVERDOSE IN AN ACUTE RABBIT BLEEDING MODEL
       S.H. Zeitler, I. Pragst, B. Doerr, F. Kaspereit, W. Krege, J. van Ryn
       CSL Behring GmbH, Pharmacology/Toxicology, Marburg, Germany

17:15  POOR GLUCOSE CONTROL IS ASSOCIATED WITH QTC PROLONGATION IN CRITICALLY ILL PATIENTS
       D. Pickham, E. Flowers, B.J. Drew
       School of Nursing, University of California, San Francisco, CA, USA

17:30  ELECTROPHYSIOLOGIC PROFILE OF ASYMPTOMATIC WOLFF-PAKINSON-WHITE SYNDROME IN PEDIATRIC POPULATION
       M. Swissa, T. Dagan, E. Bruckheimer, E. Birk, R. Fogelman
       Kaplan Medical Center, Rehovot, Israel

17:45  REMOTE MAGNETIC NAVIGATION WITH INTRACARDIAC ULTRASOUND FOR ABLATION OF ATRIAL FIBRILLATION
       B.F. Finta, J. Postma, P. Muthusamy, A. Davis, D.E. Haines
       West Michigan Heart, Grand Rapids, MI, USA

18:00  BETA BLOCKER PROPHYLAXIS FOR THE PREVENTION OF POST CABG ATRIAL FIBRILLATION: A META-ANALYSIS OF RANDOMIZED CONTROL TRIALS
       M.F. Khan, M.R. Movahed, The Southern Arizona VA Health Care System, University of Arizona Sarver Heart Center, Tucson, AZ, USA

18:15  ARE POST-INFARCT VENTRICULAR ARRHYTHMIAS PREDICTIVE OF MORTALITY RISK IN PATIENTS WITH IMPAIRED EJECTION FRACTION?
       J.A. Chatterjee, R. Sankaranarayanan, M. James, Royal Blackburn Hospital, Blackburn, UK
18:30  DO EMERGENCY DEPARTMENT (ED) PHYSICIANS CORRECTLY IDENTIFY PATIENTS PRESENTING WITH UNEXPLAINED SYNCOPE WHO WARRANT HOSPITALIZATION?
E. Aziz, B. Pratap, C.K. Pamidimukala, J.H. Bastawrose, T. Park, J. Kim, J. Verzosa, C. Murphy, N. David, E. Herzog
St. Luke's-Roosevelt Hospital Center, New York, NY, USA

18:45  HLA-B27-ASSOCIATED J-WAVE - RISK OR CURIOSITY?
J. Ker, University of Pretoria, Pretoria, South Africa

19:00  THE EFFECT OF EXERCISE ON RESTING ATRIAL FIBRILLATION RATE
D. Bloomfield, G. Goldman
Richmond University Medical Center, Staten Island, NY, USA

19:15  HEART FAILURE RISK IN NORMAL-WEIGHT PEOPLE WITH METABOLIC SYNDROME COMPARED TO METABOLICALLY HEALTHY OBESE INDIVIDUALS
C. Voulgari, I. Moyssakis, D. Papadogiannis, D. Tousoulis, P. Dilaveris, C. Stefanadis, N. Tentolouris
Athens University Medical School, Athens, Greece
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>380</td>
</tr>
<tr>
<td>2</td>
<td>381</td>
</tr>
<tr>
<td>3</td>
<td>382</td>
</tr>
<tr>
<td>4</td>
<td>383</td>
</tr>
<tr>
<td>5</td>
<td>384</td>
</tr>
<tr>
<td>6</td>
<td>385</td>
</tr>
<tr>
<td>7</td>
<td>386</td>
</tr>
<tr>
<td>8</td>
<td>387</td>
</tr>
</tbody>
</table>

**P401 MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH**

1. **CARDIOMYOCYTE EXPRESSION OF HEAT SHOCK PROTEIN B8 K141N CAUSES CARDIAC DISEASE**  
   **A. Sanbe**, T. Marunouchi, K. Tanonaka, J. Yamauchi, H. Nishigori, A. Tanoue  
   School of Pharmacy, Iwate Medical University, Iwate, Japan  

2. **PROBUCOL PREVENTS IFOSFAMIDE-INDUCED APOPTOSIS, OXIDATIVE INJURY AND ENERGY STARVATION IN RAT CARDIAC TISSUES**  
   **A.A. AlYahya**, M.M. Sayed-Ahmed  
   King Saud University, College of Pharmacy, Saudi Arabia  

3. **MAGNITUDE AND SEVERITY OF MYOCYTE AUTOPHAGY ARE PROPORTIONAL TO THE DURATION OF CARDIOPLEGIC ARREST**  
   C. Chen-Scarabelli, L. II Saravolatz, B. Ulgen, W. Qureshi, D. Vasquez, K. Abounit, L. Saravolatz, **T.M. Scarabelli**  
   St John Hospital/Wayne State University, MI, USA  

4. **ATP DEPLETION OCCURRING DURING HYPOXIA ALONE MAY PREVENT BOTH THE INITIATION AND PROGRESSION OF MYOCYTE AUTOPHAGY**  
   K. Abounit, R. McCauley, L. II Saravolatz, W. Qureshi, B. Ulgen, D. Vasquez, L. Saravolatz, C. Chen-Scarabelli, **T.M. Scarabelli**  
   St John Hospital/Wayne State University, MI, USA  

5. **THE USE OF AUTOLOGOUS STEM CELLS CD133 + FOR REGENERATIVE TREATMENT OF CARDIO-VASCULAR DISEASES**  
   U. Kurbonov, **M. Khidirov**, S. Muminjonov, A. Didary, J. Irgasheva, M. Rahmatov, A. Gaibov, A. Barotov, Z. Rakhimov, M. Mirshahi  
   Stem Cells Laboratory of Central Scientific Research Center of Avicenna Tajik State Medical University, Dushanbe, Tajikistan  

6. **ASSOCIATION OF THE CLUSTER OF DIFFERENTIATION FOURTEEN POLYMORPHISM WITH RISK FACTORS OF CARDIOVASCULAR DISEASE IN KOREAN**  
   **S.G. Kang**, W.C. Chung, SW. Song, S.J. Park  
   The Catholic University of Korea, St, Vincent's Hospital, Suwon, South Korea  

7. **EPO PREVENTS APOPTOSIS VIA JAK2/STAT5 IN EXPERIMENTAL EPILEPSY**  
   **J. Li**, B.X. Ma, Q. Li, S.S. Wu  
   First Hospital of Jilin University, Changchun, Jilin, China  

8. **TRACE ELEMENT STATUS IN PATIENTS WITH RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE IN BANGLADESH**  
   National Center for Control of Rheumatic Fever and Heart Diseases, Dhaka, Bangladesh
P402 VASCULAR BIOLOGY, BASIC RESEARCH II

Board No | Abstract No.
---|---
9 | 388
9 MODULATION OF POTASSIUM CHANNELS BSULFIDE IN NORMAL AND NaCl-LOADED MALE ALBINO RAT AORTIC RINGS
O.A.M Al-Habib, A. Qadir
University of Zakko, Kurdistan Region, Iraq

10 | 389
10 CYSTATIN-C OR MICROALBUMINURIA-A NEW MARKER OF ATHEROSCLEROSIS
N.N. Sharma, R. Jain, Postgraduate Institute of Medical Sciences, Rohtak, Haryana, India

11 | 390
11 PROBUCOL INHIBIT VASCULAR SMOOTH MUSCLE CELL PROLIFERATION VIA UP-REGULATION OF KLF4 AFTER BALLOON INJURE OF RAT CAROTID ARTERIES
D. Hongmei, H. Lan, D. Meng, W. Qian
Institute of Cardiovascular Disease, XinQiao Hospital, Third Military Medical University, ChongQing, China

12 | 391
12 KRUPPEL-LIKE FACTOR 4 PROMOTES DIFFERENTIATION, PROLIFERATION AND ANGIOGENESIS OF ENDOTHELIAL PROGENITOR CELLS BY UP-REGULATING ENDOTHELIAL NITRIC OXIDE SYNTHASE
D. Hongmei, H. Lan, D. Meng, S. Ming
Institute of Cardiovascular Disease, XinQiao Hospital, Third Military Medical University, ChongQing, China

13 | 392
13 AGING EXAGGERATED PROLIFERATION OF VASCULAR SMOOTH MUSCLE CELLS IS RELATED TO ATTENUATION OF JAGGED1 EXPRESSION IN ENDOTHELIAL CELLS
X.J. Wu, L. Huang, Y.Z. Zuo, J.B. Ge
The Cardiovascular Center of Xinqiao Hospital, Third Military Medical University, Chongqing, China

P502 CARDIAC CT, PET AND MRI

14 | 393
14 PERICARDIAL FAT VOLUME IS NOT ASSOCIATED WITH RECURRENCE OF ATRIAL FIBRILLATION AFTER ABLATION
B.A. Ababneh, P.N. Tadros, D.R. Lakkireddy, L.H. Wetzel, T.L. Rosamond
University of Kansas, Kansas City, KS, USA

15 | 394
15 INTEGRATED ASSESSMENT OF DIASTOLIC AND SYSTOLIC VENTRICULAR FUNCTION USING DIAGNOSTIC CARDIAC MAGNETIC RESONANCE CATHETERIZATION
Dept. of Congenital Heart Defects, German Heart Institute Berlin, Germany
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>395</td>
<td>OPTIMAL SCAN TIMING FOR ISCHEMIA DETECTION BY CT MYOCARDIAL PERFUSION IMAGING</td>
<td>K.T. Ho, Q.W. Yong, C. Panknin</td>
<td>Heart Consultants Pte Ltd, Mount Alvernia Hospital, Singapore</td>
</tr>
<tr>
<td>17</td>
<td>396</td>
<td>BETA2-ADRENERGIC RECEPTOR POLYMORPHISM ALTERS RESPONSE TO ACUTE BETA-BLOCKADE PRIOR TO GATED CORONARY COMPUTED TOMOGRAPHIC ANGIOGRAPHY</td>
<td>V. Cotarlan, A. Brofferio, J. Sartorius, G. Gerhard, X. Chu, K. Clark, J. Shirani</td>
<td>Geisinger Medical Center, Danville, PA, USA</td>
</tr>
<tr>
<td>18</td>
<td>397</td>
<td>DIASTOLIC DYSFUNCTION IN LEFT BUNDLE BRANCH BLOCK: A CARDIOVASCULAR MAGNETIC RESONANCE IMAGING STUDY</td>
<td>S. Kumar, R.S. Marfatia, D. iyengator, R. Feinn, E. Kaloudis, C. Yang, E. Avelar</td>
<td>University of Connecticut Health Center, Farmington, CT, USA</td>
</tr>
<tr>
<td>19</td>
<td>398</td>
<td>STRESS CARDIAC MAGNETIC RESONANCE IN AN OUTPATIENT SETTING: A FIVE YEAR EXPERIENCE IN &gt; 1300 PATIENTS</td>
<td>J.M. Sztajzel, S. SuPrat-Gonzalez, A.A. Fassa, Y. Magliano, A. Naimi</td>
<td>Centre de Diagnostic Radiologique de Carouge, Geneva, Switzerland</td>
</tr>
<tr>
<td>20</td>
<td>399</td>
<td>ASYMPTOMATIC PULMONARY EMBOLUS PATIENTS IN DEEP VEIN THROMBOSIS</td>
<td>M. Nakao, N. Nakajima, T. Ogawa, S. Hoshino</td>
<td>Fukushima First Hospital, Fukushima, Japan</td>
</tr>
<tr>
<td>21</td>
<td>400</td>
<td>CORONARY ARTERY CALCIFICATION AND ITS RELATION TO SYSTOLIC FUNCTION ESTIMATED BY MSCT IN CHRONIC CORONARY DISEASE</td>
<td>I.M. Burazor, Z. Radovanovic, M. Burazor, P. Bosnjakovic, D. Ilic, S. Susak, M. Lazovic, Z. Perisic, Z. Burazor, N. Burazor</td>
<td>Clinical Center Nis, Serbia,</td>
</tr>
<tr>
<td>22</td>
<td>401</td>
<td>CONTRAST DYNAMICS AND OPTIMAL CT SCAN TIMING FOR INFARCTION: LESSONS FROM THE DUAL SOURCE CT</td>
<td>C. Panknin, Q.W. Yong, K.T. Ho</td>
<td>Heart Consultants Pte Ltd, Mount Alvernia Hospital, Singapore</td>
</tr>
<tr>
<td>P512</td>
<td></td>
<td>CAD: PROGNOSIS, RISK STRATIFICATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>402</td>
<td>DIASTOLIC FUNCTION IMPROVES PERFORMANCE OF THE GRACE RISK MODELS IN PATIENTS WITH NON-ST-ELEVATION ACUTE CORONARY SYNDROME</td>
<td>S. Napan, T.A. Kassim, B. Curry, M.D. Greenberg</td>
<td>Howard University Hospital, Washington, DC, USA</td>
</tr>
<tr>
<td>24</td>
<td>403</td>
<td>CLINICAL RISK STRATIFICATION IS SUPERIOR TO ROUTINE NON-INVASIVE TESTING FOR ACUTE CHEST PAIN</td>
<td>V. Cotarlan, D. Ho, J. Pineda, B. Burgess, J. Shirani</td>
<td>Geisinger Medical Center, Danville, PA, USA</td>
</tr>
<tr>
<td>25</td>
<td>404</td>
<td>DEPRESSION, METABOLIC SYNDROME AND OUTCOMES OF ACUTE CORONARY SYNDROME</td>
<td>Z. Yekta, A. Rostamzadeh, R. Pourali</td>
<td>Urmia University of Medical Sciences, Urmia, Iran</td>
</tr>
<tr>
<td>Board No</td>
<td>Abstract No.</td>
<td>Title</td>
<td>Authors</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>405</td>
<td>FEMALE GENDER IS NOT PREDICTIVE OF HOSPITAL MORTALITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY</td>
<td>C. Chen-Scarabelli, L. II Saravolatz, L. Saravolatz, G. Faggian, A. Mazzucco, T.M. Scarabelli, St John Hospital/Wayne State University, VA Ann Arbor Healthcare System, University of Michigan, USA, University of Verona, Italy</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>406</td>
<td>PREDICTION OF LENGTH OF STAY FOLLOWING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION</td>
<td>A. Negassa, S. Monrad, Division of Biostatistics, Department of Epidemiology and Population Health, Albert Einstein College of Medicine, Bronx, NY, USA</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>408</td>
<td>WHITE BLOOD CELL COUNT AND HS-CRP AS PREDICTORS OF SEVERITY OF CORONARY STENOSIS AND OUTCOMES IN PATIENTS WITH ACUTE CORONARY SYNDROME</td>
<td>M.C. Gonzales, G.C. Vilela, Philippine Heart Center, Quezon City, Philippines</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>411</td>
<td>PREDICTIVE ABILITY OF TIMI AND GRACE SCORING IN OUTCOMES OF PATIENTS WITH NON-ST ELEVATION MYOCARDIAL INFARCTION</td>
<td>I.P.N. Bundalian, R.E. Ramboyong, The Medical City, Cardiovascular Center, Pasig City, Philippines</td>
<td></td>
</tr>
</tbody>
</table>

P407  PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>412</td>
<td>SURGICAL REPAIR OF SEVERE COARCTATION OF THE AORTA IN INFANTS</td>
<td>K. Kirali, M. Basaran, N. Cimen, S. Sarikaya, O. Kocamaz, A. Ak, T. Ozer, B. Ozbek, M. Kis, M. Sismanoglu, Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey</td>
</tr>
<tr>
<td>34</td>
<td>413</td>
<td>TRANSTHORACIC ECHOCARDIOGRAPHIC PREDICTORS OF SEVERE AORTIC Atherosclerosis: A RETROSPECTIVE STUDY</td>
<td>T.A. Rousan, B.M. Hawkins, P.M. Lozano, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA</td>
</tr>
</tbody>
</table>
INFANTS WITH PROTEIN ENERGY MALNUTRITION, CARDIAC ASPECT AND SYSTOLIC, DIASTOLIC FUNCTIONS AND LV MASS INDICES
S.S. Sheta, H. Agha
Cairo University Children Hospital, Cairo, Egypt

PLACEMENT OF CENTRAL CATHETERS IN PATIENTS WITH CONGENITAL HEART AND CENTRAL VENOUS DISORDERS: IMAGING, METHODS, TECHNIQUES, RESULTS
J. Tisnado, J. Tisnado, D.J. Komorowski, M.K. Sydnor, W.C. Fox
MCV Hospitals/VCU Medical Center, Richmond, VA, USA

P406 PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

RISK STRATIFICATION WITH TIMI, PURSUIT AND GRACE AND BENEFIT OF EPLERENONE IN PATIENTS WITH POST-MI HEART FAILURE
J. Vincent, S. Sutradha, F. Zannad
Pfizer Inc, New York, NY, USA

HEIGHT AND RISK OF HEART FAILURE IN THE PHYSICIANS’ HEALTH STUDY I
Boston University School of Public Health, Boston, MA, USA

RDW CORRELATES WITH LEFT ATRIAL DIMENSION AND LVEDP IN CATHETERIZED PATIENTS WITH LEFT VENTRICULAR DYSFUNCTION
F. Alattar, N. Imran, S. Usmani, P. Patel, F. Shamoon
Trinitas Regional Medical Center, Seton Hall University, Elizabeth, NJ, USA

COMPARISON OF REST VERSUS STRESS INDUCED DYSYNCHRONY AS A PREDICTOR OF RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY
V. Suma, A. Shah, S. Bangalore, A.N. Makaryus, J.S. Steinberg, F.A. Chaudhry
North Shore University Hospital, Manhasset, NY, USA

THE CHANGING LANDSCAPE - CHALLENGES AND OPPORTUNITIES FOR PALLIATIVE CARE IN THE HEART FAILURE POPULATION
M.P. Slawnych
University of Calgary, Calgary, Alberta, Canada

EFFECT OF OBESITY ON HEART FAILURE OUTCOMES IN A PREDOMINANTLY INNER CITY MINORITY COHORT
Meharry Medical College, Nashville TN, USA

HEART FAILURE SCREENING USING BREATH ANALYSIS
T. Mussivand, I. Kandalaft
University of Ottawa Heart Institute, Ottawa, ON, Canada
### MISCELLANEOUS

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>423</td>
<td>ASSESSMENT OF OCCUPATIONAL ACTIVITY USING HEART RATE HISTOGRAMS</td>
<td>J.R. Wicks, K. McKenna, S.T. McSorley, D.L. Craig</td>
<td>Greenslopes Hospital, Brisbane, Queensland, Australia</td>
</tr>
<tr>
<td>45</td>
<td>424</td>
<td>CARDIAC MYXOMAS AMONG HISPANICS AND CAUCASIANS: THE MIAMI BEACH EXPERIENCE</td>
<td>A. Pineda, A.M. Benjo, B. Correal, J. Reyna, F. Nascimento, J.C. Brenes</td>
<td>Mount Sinai Medical Center - Columbia University, FL, USA</td>
</tr>
</tbody>
</table>
TUESDAY, JULY 26, 2011

08:30 – 11:15  Hall A

PL:14  Plenary Session

NEW FRONTIERS IN HEART FAILURE AND CVD: NOVEL DISCOVERY APPROACHES, NEW MOLECULAR FINDINGS AND POTENTIAL TARGETS FOR THERAPY

Chairpersons: M.A. Rossi, Ribeirao Preto, S.P., Brazil
H.N. Sabbah, Detroit, MI, USA

08:30  WHY DO HERG CHANNELS ACTIVATE SLOWLY?
FLUORESCENCE SPECTROSCOPY AND GATING CURRENT MEASUREMENTS SHED NEW LIGHT ON VOLTAGE SENSOR-PORE COUPLING
(Invited Lecture)
D. Fedida, University of British Columbia, Vancouver, BC, Canada

08:45  EARLY CHANGES IN CARDIAC MITOCHONDRIAL CAPACITY DURING THE DEVELOPMENT OF DIASTOLIC HEART FAILURE
(Invited Lecture)
L. Zhang, C. Wagg, G. Lopaschuk, University of Alberta, Edmonton, AB, Canada

09:00  MITOCHONDRIAL ABNORMALITIES IN THE FAILING HEART: A POTENTIAL TARGET FOR THERAPY (Invited Lecture)
H.N. Sabbah, R.C. Gupta, S. Rastogi, M. Wang
Henry Ford Heart & Vascular Institute, Detroit, MI, USA

09:15  BIOLOGY OF AGING AND HEART FAILURE MANAGEMENT (Invited Lecture)
B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, Canada

09:30  EARLY DYSTROPHIN DISRUPTION IN THE PATHOGENESIS OF EXPERIMENTAL CHRONIC CHAGAS CARDIOMYOPATHY
(Invited Lecture)
University of Sao Paulo, Ribeirao Preto, S.P., Brazil

09:45  MULTIPARAMETRIC APPROACH TO THE ANALYSIS OF THE NEUROHUMORAL STATUS IN HEART FAILURE (POSSIBLE MEANING AND CLINICAL USE OF INTERACTION AMONG THE MARKERS)
(Invited Lecture)
D. Anzulovi-Mirošević, M. Zaninotto, M.M. Mion, M. Plebani, S. Dalla-Volta
University of Padova Medical School, Padova, Italy

10:00  ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA/CARDIOMYOPATHY: NOVEL INSIGHTS IN A LIFE-THREATENING DISORDER (Invited Lecture)
L. Mestroni, University of Colorado, Aurora, CO, USA

10:15  MECHANISMS DIABETIC CARDIOMYOPATHY: INSIGHTS FROM A NEW MURINE MODEL (Invited Lecture)
University of Washington, Seattle, WA, USA
TUESDAY, JULY 26, 2011

10:30  CARDIOVASCULAR SIGNIFICANCE OF THE NATRIURETIC PEPTIDE SYSTEM (Invited Lecture)
       T. Tokudome, K. Kangawa  I. Kishimoto
       National Cerebral and Cardiovascular Center, Suita City, Osaka, Japan

10:45  FINDING NEW TARGETS FOR HEART FAILURE: PROTEASE ACTIVATED RECEPTORS (Invited Lecture)
       B.C. Blaxall, University of Rochester Medical Center, Rochester, NY, USA

11:00  ADIPOSITY-RELATED INFLAMMATION AND CARDIAC STRUCTURE AND FUNCTION (Invited Lecture)
       M. Allison, University of California San Diego, La Jolla, CA, USA

11:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
TUESDAY, JULY 26, 2011

08:30 – 10:45 Hall B

PL:15 Plenary Session
CARDIOVASCULAR RISK ASSESSMENT

Chairpersons: R. Manfredini, Ferrara, Italy
T. Tomaru, Chiba, Japan

08:30 WINTER AND VENOUS THROMBOEMBOLISM: A HARMFUL ASSOCIATION?
(Invited Lecture)
F. Dentali, W. Ageno, R. Manfredini, University of Ferrara, Ferrara, Italy

08:45 PROGRESS AND IMPORTANCE OF VASCULAR EVALUATIONS IN CARDIOVASCULAR DISEASES (Invited Lecture)
T. Tomaru, T. Hirohashi, Toho University Sakura Hospital, Japan

09:00 PERIPHERAL ARTERIAL AND VENOUS DISEASE AND MORTALITY IN A MULTI-ETHNIC POPULATION: THE SAN DIEGO POPULATION STUDY (Invited Lecture)
M.H. Criqui, University of California, San Diego, La Jolla, CA, USA

09:15 NONSTEROIDAL ANTI-INFLAMMATORY DRUGS AND CARDIOVASCULAR RISK: WEIGHING THE EVIDENCE (Invited Lecture)
M. Farkouh, Peter Munk Cardiac Centre, University Health Network, ON, Canada

09:30 CORONARY DISEASE IN WOMEN - HOW DOES IT DIFFER FROM MEN? (Invited Lecture)
K.A. Adarsh, Govt. Medical College/G.N.D. Hospital, Amritsar, India

09:45 ASSOCIATION BETWEEN CAROTID AND CORONARY STENOSIS – A NON-INVASIVE STUDY (Invited Lecture)
Y. Charuzi, M. Carabeo, J. Mirocha UCLA School of Medicine, Los Angeles, CA, USA

10:00 PLASMA FOLATE AND HOMOCYSTEINE IN SMOKERS IN RELATION TO CARDIOVASCULAR DISEASE (Invited Lecture)
K. Okumura, H Tsukamoto, Toki Municipal General Hospital, Toki, Gifu Prefecture, Japan

10:15 ADIPONECTIN AND RISK OF HEART FAILURE IN THE PHYSICIANS’ HEALTH STUDY (Invited Lecture)
L. Djousse, J.B. Wilk, N. Hanson, R. Glynn, M. Tsai, J.M. Gaziano Brigham and Women’s Hospital, Boston, MA, USA

10:30 ASSOCIATION BETWEEN PNEUMOCOCCAL VACCINATION AND ACUTE CORONARY SYNDROMES: REAL OR NOT? (Invited Lecture)
M. Zahid, University of Pittsburgh, PA, USA

10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
ASSOCIATION OF SIGNIFICANT OBSTRUCTIVE CORONARY ARTERY DISEASE IN PATIENTS WITH DETECTIBLE LEVELS OF TROPONIN LESS THAN THE 99TH PERCENTILE ON A HIGH SENSITIVITY TROPONIN ASSAY
N. Adoni, W. Khalife, V.K. Mukku
University of Texas Medical Branch, Galveston, TX, USA

PRE-HOSPITAL NOTIFICATION TO CARDIOLOGIST REDUCES DOOR-TO-BALLOON TIME IN ACUTE MYOCARDIAL INFARCTION

MODERATE LESIONS ARE OFTEN SEVERE AND DIAGNOSABLE BY QUANTITATIVE CORONARY ANGIOGRAPHY (QCA)
C.L. Laham, M.S. Chandra, M.J. McMahon, R. Venzon, M. Jerin, N.W. Shammas, St. Lukes Hospital, Cedar Rapids, IA, USA

DIAGNOSTIC PROCEDURES WITH 4FR CATHETER BY FEMORAL APPROACH VS TRANSRADIAL APPROACH: COMPARATIVE STUDY
Hospital Universitario Virgen de la Arrixaca, Murcia, Spain

PERIPHERAL ENDOVASCULAR INTERVENTIONS IN LIMB SALVAGE FOR CRITICAL LIMB ISCHEMIA: APPROACHING A NEW PARADIGM
M.J. Sumners, L.J. Diaz-Sandoval, J.A. Mustapha, C. Heaney
Metro Health Hospital, Wyoming, MI, USA

REDUCED THROMBOGENICITY OF STENTS-IN VITRO AND IN VIVO EVALUATION OF SURFACE MODIFICATION AND COATING
R. Bakhshi, B. Cousins, A. Darbyshire, G. Hamilton, A.M. Seifalian
Division of Surgery and Interventional Science, University College London, UK

PROLONGED DUAL ANTI-PLATELET THERAPY PREVENTS VERY LATE STENT THROMBOSIS AFTER STENTING OF BIFURCATIONS WITH THE “CRUSH” TECHNIQUE USING DRUG-ELUTING STENTS
S. Sharma, K. Bhalla, A. Antonescu, B.K. Bhambi, W. Nyitray, K.R. Desai, T. Ishimori, Bakersfield Heart Hospital, Bakersfield, CA, USA

LOW-DOSE CT ASSESSMENT OF CORONARY STENTS IN A LARGE COHORT WITH HIGH-PITCH SPIRAL ACQUISITION MODE
K.T. Ho, Q.W. Yong, C. Panknin
Heart Consultants Pte Ltd, Mount Alvernia Hospital, Singapore

SPONTANEOUS CORONARY ARTERY DISSECTION: CASE SERIES WITH EXTENDED FOLLOW UP
P. Kansara, S. Graham
The State University of New York at Buffalo, Williamsville, NY, USA

COFFEE BREAK, VISIT POSTERS AND EXHIBITION
TUESDAY, JULY 26, 2011

11:15 – 14:00  Hall A

PL:16  Plenary Session
VALVULAR HEART DISEASE - TRANSLATIONAL SCIENCE FROM THE BENCH TO THE BEDSIDE

Chairpersons: D.M. Meyer, Dallas, TX, USA
              N.M. Rajamannan, Chicago, IL, USA

11:15  OXIDATIVE-MECHANICAL STRESS REGULATES BICUSPID AORTIC STENOSIS (Invited Lecture)
       N. Rajamannan, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

11:30  IMPACT OF MITRAL VALVE REPAIR IN PATIENTS WITH END-STAGE CONGESTIVE HEART FAILURE (Invited Lecture)
       University of Texas Southwestern Medical Center at Dallas, TX, USA

11:45  COMBINED STRUCTURAL HEART DISEASE INTERVENTIONS (Invited Lecture)
       A.A. Khattab, University Hospital, Bern, Switzerland

12:00  IMAGING OF THE AORTIC ROOT FOR TRANSCATHETER AORTIC VALVE IMPLANTATION (TAVI) (Invited Lecture)
       S. Lerakis, Emory University Hospital, Atlanta, GA, USA

12:15  TRANSCATHETER VALVE-IN-VALVE IMPLANTATION FOR FAILED BIOPROSTHESSES (Invited Lecture)
       J. Ye, St. Paul's Hospital, Vancouver, BC, Canada

12:30  19 YEARS FOLLOW-UP RESULTS OF MITRAL BALLOON VALVULOPLASTY AND ITS EFFECT ON LEFT VENTRICULAR FUNCTION, SEVERE PULMONARY HYPERTENSION, AND SEVERE TRICUSPID REGURGITATION (Invited Lecture)
       M. Eid Fawzy, Sixth of October University, Egypt

12:45  RHEUMATIC FEVER: ANCIENT DISEASE GRIPPING THE DEVELOPING WORLD (Invited Lecture)
       M. Atiq Ahmed, Aga Khan University Hospital, Pakistan

13:00  RISK OF RE-OPERATION AFTER AORTIC VALVE REPLACEMENT BY A MOSAIC MEDTRONIC TISSUE VALVE
       D.Y. Loisance, M. Kirsch, K. Nakashima, J. Wujila, S. Dreyfus
       Institute of Cardiology, Pitie, Paris

13:15  DEVELOPMENT OF A COMPLETELY AUTOLOGOUS VALVED CONDUIT WITH THE SINUS OF VALSALVA USING IN-BODY TISSUE ARCHITECTURE TECHNOLOGY
       M. Yamanami, M. Uechi, M. Fujiwara, H. Ishibashi-Ueda, K. Kanda,
       T. Watanabe, T. Tajikawa, K. Ohba, H. Yaku, Y. Nakayama
       Kyoto Prefectural University of Medicine, Kyoto, Japan
TUESDAY, JULY 26, 2011

13:30  CORONARY ARTERY ANOMALIES IN PATIENTS WITH BICUSPID AORTIC VALVE DISEASE
T.H. Tajouri, G. Kumar, W.D. Edwards, S. Phillips, K.W. Klarich
Mayo Clinic, Rochester, MN, USA

13:45  CEREBRAL ISCHEMIA IS ASSOCIATED WITH COGNITIVE DECLINE FOLLOWING CARDIAC VALVE SURGERY
P.A. Barber, F.P. Milsom, L.F. Tippett, A.F. Merry
University of Auckland, New Zealand

11:00 – 13:30 Hall B

S35  Session
HEART FAILURE, MECHANISMS AND MANAGEMENT

Chairpersons: B.I. Jugdutt, Edmonton, AL, Canada
M.H. Pitzalis, Greenville, NC, USA

11:00  COMBINED ENDURANCE-RESISTANCE TRAINING VERSUS ENDURANCE TRAINING IN PATIENTS WITH CHRONIC HEART FAILURE: A PROSPECTIVE RANDOMIZED STUDY
P.J.M. Beckers, J. Denollet, N.M. Possemiers, F. Wuyts, C.J. Vrints,
V.M. Conraads, Antwerp University Hospital, Edegem, Antwerp, Belgium

11:15  ECHOCARDIOGRAPHIC MEASURES OF SYSTOLIC AND DIASTOLIC FUNCTION AS PREDICTORS OF INCIDENT HEART FAILURE IN METABOLIC SYNDROME AND DIABETES
University of California, Irvine, CA, USA

11:30  REGULATION OF ALDOSTERONE LEVELS BY ADRENAL BETAARRESTIN-1 AS A NEW MOLECULAR TARGET IN HEART FAILURE
A. Lymperopoulos, G. Rengo, W.J. Koch
College of Pharmacy, Nova Southeastern University, Ft. Lauderdale, FL, USA

11:45  HIGH ADIPONECTIN LEVELS, A MARKER OF WASTING IN CHRONIC HEART FAILURE?
A.M. Van Berendoncks, P. Beckers, V.Y. Hoymans, N. Possmiers,
C.J. Vrints, J. Gielen, V.M. Conraads
Antwerp University Hospital, Antwerp, Belgium

12:00  THE IMPACT OF SERUM ALBUMIN ON MORTALITY AND HEART FAILURE HOSPITALIZATION IN PATIENTS WITH CHRONIC HEART FAILURE
V.M. Alla, S. Kanuri, Y.M. Reddy, R. Gangi, T. Ward, A. Mooss, C. Hunter,
D. Esterbrooks, Creighton University Medical Center, Omaha, NE, USA

12:15  IMPACT OF LEFT VENTRICULAR CAVITY SIZE ON SURVIVAL IN ADVANCED HEART FAILURE
P.F. Pollice, P.P. Pollice, L.B. Leclecq
Dept. of Cardiovascular Surgery, Private Clinic. Andria, BT, Italy
TUESDAY, JULY 26, 2011

12:30  PROGNOSTIC IMPLICATIONS OF SERUM HEAT SHOCK PROTEIN 60 LEVEL IN PATIENTS WITH HEART FAILURE

12:45  IRON DEFICIENCY WITH OR WITHOUT ANEMIA IS PRESENT IN MAJORITY OF HOSPITALIZED HEART FAILURE PATIENTS

13:00  “VALSALVA-CIRCULATION INDEX” A NEW NON-INVASIVE METHOD FOR DETERMINING THE ETIOLOGY OF UNEXPLAINED DYSPNEA
       H.J. Semler, B.A. Borlaug, S. Scott, K. Nielson, L.E. Adams, A. From Oregon Health Science University, Portland, OR, USA

13:15  COMBINATION OF BNP AND VE/VCO2 IMPROVES RISK STRATIFICATION IN PATIENTS WITH DIASTOLIC HEART FAILURE
       L. Li, J. Yan, S.J. Gong, Zhejiang Hospital, Hangzhou, China

11:00 – 13:15 Hall C

S36  Session
ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION, INTERVENTIONAL CARDIOLOGY

Chairpersons: Y. Birnbaum, Houston, TX, USA
               M.R. Movahed, Tucson, AZ, USA

11:00  PROTECTION FROM ISCHEMIA-REPERFUSION INJURY BY N-BENZYLADRIAMYCIN-14-VALERATE (AD198)
       J.E. Soberman, N. Brydon, K.E. Lothstein, C. Cai, L. Lothstein, P.A. Hofmann University of Tennessee Health Science Center, Memphis, TN, USA

11:15  DOOR TO BALLOON TIME LESS THAN THIRTY MINUTES: THE LEHIGH VALLEY HEALTH NETWORK (LVHN) EXPERIENCE

11:30  PREVALENCE OF CLOPIDOGREL HYPO-RESPONSIVENESS IN CORONARY STENT PATIENTS PRESENTING TO HOSPITAL EMERGENCY ROOM WITH CHEST PAIN
       R.K. Sharma, H.K. Reddy, M. Moazami, L. Elango, N. Karavadia, R. Lagaspi, R. Sharma, K. Singh, K. Williams, D.J. Voelker University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:45  ROUTINE ANGIOPLASTY AFTER FIBRINOLYTIC THERAPY FOR ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION: AN UPDATED META-ANALYSIS (RAFT-STEMI)
       J.D.A. Magno, J.D. Alcover, A.D.C. Javier, F.E.R. Punzalan Section of Cardiology, Department of Medicine, Philippine General Hospital, Manila, Philippines
ASSOCIATION OF SYMPTOM ONSET-TO-DOOR AND DOOR-TO-BALLOON TIME WITH ONE-YEAR MORTALITY IN MYOCARDIAL INFARCTION

Busan National University Hospital, Busan, Korea

TIME DELAY FROM SYMPTOM ONSET TO HOSPITAL PRESENTATION WITH ST ELEVATION MYOCARDIAL INFARCTION AND 30-DAY MORTALITY

R. Dhingra, J.F. Robb, J.E. Jayne, N.W. Niles II
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

SOLUBLE LECTIN-LIKE OXIDIZED LDL RECEPTOR-1 IS A DIAGNOSTIC AND PROGNOSTIC BIOMARKER FOR ACUTE CORONARY SYNDROME

N. Kume, Kyoto University, Kyoto, Japan

INFARCT RELATED ARTERY VERSUS MULTIVESSEL REVASCULARIZATION IN ACUTE STEMI WITH MULTIVESSEL DISEASE

Busan National University Hospital, Busan, South Korea

MARKERS OF PLATELET ACTIVATION ARE HIGHER IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROME

A. Shah, B. Bhushan, P. Phillips, A. Gaba, P. Gaba, E. Subkova, P.K. Das, C.M. Bellamy, D. Gooray, L. Green, Glen Clwyd Hospital, Bodelwyddan, UK
CLOPIDOGREL HYPORESPONSIVENESS, INTERACTING WITH DIABETES MELLITUS, PREDICTS 2-YEAR CARDIOVASCULAR OUTCOME AMONG TAIWANESE POPULATION RECEIVING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

National Cheng Kung University Hospital, Tainan, Taiwan

THE EFFICACY AND SAFETY OF PRO-KINETIC METAL ALLOY STENT IN HOSPITALIZED PATIENTS WITH ACUTE ST-ELEVATION MYOCARDIAL INFARCTION (THE PROMETHEUS TRIAL)

T.J. Youn, S.Y. Lim, W.Y. Chung, J.W. Bae, S.Y. Kim, K.S. Kim
Seoul National University Bundang Hospital, Seongnam, Korea

DIRECT ADMISSION TO CATHETERIZATION LABORATORY REDUCES DOOR-TO-BALLOON TIME FOR PRIMARY CORONARY INTERVENTION

Pusan National University Hospital, Busan, Korea

RCT DOUBLE BLIND 600MG CLOPIDOGREL VS 300MG IN PATIENTS UNDERGOING ELECTIVE PCI AT THE PHILLIPINE HEART CENTER

K.H. Bantala, J. Ho, J. Jumangit
Philippine Heart Center, Manila, Philippines

OUTCOMES OF PATIENTS TREATED WITH THE EVEROLIMUS-ELUTING STENT AT A TERTIARY MEDICAL CENTER

E. Nader, G.A. Shammas, M. Jerin, N.W. Shammas
Midwest Cardiovascular Research Foundation, Davenport, IA, USA

POLYMER FREE SIROLIMUS ELUTING STENT IN COMBINATION WITH OTHER STENTS IN SAME PATIENT- A SINGLE CENTRE EXPERIENCE

S. Kumar, H. Rai, A. Kapoor, S. Tewari, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India

NEW STENT DESIGN TO PERFORM SZABO TECHNIQUE

R. Valdesuso, F.J. Lacunza, J.R. Gimeno, J. Garcia, J. Hurtado, E. Pinar, M. Valdes
Hospital Virgen de la Arrixaca, Murcia, Spain

COMPARATIVE ANALYSIS OF MORPHOLOGICAL EKG FINDINGS AND DOOR-TO-BALLOON TIME IN STEMI

R.S. Marok, M. Chandreshaken, J.R. Cook, C. Arrieta-Garcia, L.W. Klein, P.J. Stecy, Illinois Masonic Medical Center, Chicago, IL, USA
<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>492</td>
<td>PREDICTORS OF MAJOR ADVERSE CARDIAC EVENTS AND OUTCOMES OF RESCUE STENTING WITH IIB/IIIA GLYCOPROTEIN BLOCK IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION</td>
<td>D. Fettser, I. Pershukov, T. Batyraliev, L. Petrakova, I. Lazarev, J. Ramazanov, B. Kadyrov, D. Preobrazhensky, B. Sidorenko, Y. Belenkov</td>
<td>Regional Clinical Hospital, Lipetsk, Russia</td>
</tr>
<tr>
<td>10</td>
<td>493</td>
<td>FOUR YEAR OUTCOMES OF ENDOVASCULAR VERSUS OPEN REVASCULARIZATION FOR UNPROTECTED LEFT MAIN CORONARY ARTERY LESIONS</td>
<td>A. Omarov, T. Batyraliev, I. Pershukov, L. Petrakova, I. Lazarev, J. Ramazanov, B. Kadyrov, D. Preobrazhensky, B. Sidorenko, Y. Belenkov</td>
<td>Syzganov Center of Surgery, Almaty, Kazakhstan</td>
</tr>
<tr>
<td>11</td>
<td>494</td>
<td>RETRIEVAL, REPOSITIONING, UNKNOTTING, AND STRIPPING OF INTRACARDIAC CATHETERS AND FOREIGN BODIES</td>
<td>J. Tisnado, D. Komorowski, M. Sydnor, J. Tisnado</td>
<td>MCV Hospitals/VCU Medical Center, Richmond, VA, USA</td>
</tr>
</tbody>
</table>

**P305 Atherosclerosis: Renal Aspects**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>495</td>
<td>PROTEINURIA AND ESTIMATED GLOMERULAR FILTRATION RATE INDEPENDENTLY PREDICT RISK FOR ACUTE MYOCARDIAL INFARCTION IN A NORTHERN TAIWANESE POPULATION: A COMMUNITY-BASED STUDY IN KEELUNG TAIWAN</td>
<td>S.H. Chang, C.T. Tsai, A.M.F. Yen, T.H.H. Chen, C.D. Tseng</td>
<td>Department of Internal Medicine, Lotung Poh-Ai Hospital, Yilan, Taiwan</td>
</tr>
<tr>
<td>13</td>
<td>496</td>
<td>RENAL INSUFFICIENCY AS AN IMPORTANT FACTOR TO CONSIDER FOR CARDIOVASCULAR RISK ASSESSMENT IN DETECTING AND DIFFERENTIATING STAGES OF CORONARY MICROVASCULAR DYSFUNCTION IN HYPERTENSION</td>
<td>S. Imamura, M. Orii, K. Ishibashi, K. Komukai, T. Tanimoto, Y. Ino, K. Hirata, M. Mizukoshi, T. Imanishi, T. Akasaka</td>
<td>Wakayama Medical University, Wakayama, Japan</td>
</tr>
</tbody>
</table>

**P505 Diabetes Mellitus, The Metabolic Syndrome and Atherosclerosis: Basic and Clinical II**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>497</td>
<td>EVALUATION OF ENDOTHELIAL FUNCTION IN A PREDIABETES CLINIC POPULATION UNDERGOING DIETARY AND EXERCISE LIFESTYLE MODIFICATIONS</td>
<td>F.D. Fortuin, C. Kendall, J. Wisbey, R.T. Hurst, S.J. Lester, B.S. Chism, Q. Wu, M. Orban, D.E. Steidley, C. Cook, R. Burke, S. Bersoux</td>
<td>Mayo Clinic Arizona, Phoenix, AZ, USA</td>
</tr>
<tr>
<td>15</td>
<td>498</td>
<td>THE EFFECT OF BODY MASS INDEX ON CLINICAL CHARACTERISTICS AND EARLY OUTCOME IN ACUTE CORONARY SYNDROME</td>
<td>Z. Yekta, K. Khademvatan, R. Pourali</td>
<td>Urmia University, Urmia, Iran</td>
</tr>
<tr>
<td>Board No</td>
<td>Abstract No.</td>
<td>Title</td>
<td>Authors</td>
<td>Institution</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------</td>
</tr>
<tr>
<td>16</td>
<td>499</td>
<td>PREVALENCE OF UNRECOGNIZED DIABETES MELLITUS IN ACUTE CORONARY SYNDROME</td>
<td>W.K. Abdulatif, A.A. Gehani, R.F. Al-Aqeedi, W.K. Dabdoob, A. Bener, H.A. Albinali</td>
<td>Hamad Medical Corporation, Doha, Qatar</td>
</tr>
<tr>
<td>17</td>
<td>500</td>
<td>THE BENEFICIAL IMPACT OF SMOKING CESSION ON DIABETIC COMPLICATIONS UPON DIAGNOSIS OF DIABETES</td>
<td>C. Voulgari, N. Tentolouris, S. Chorepsima, P. Voidonikola, K. Alexiadou, N. Katsilambros</td>
<td>Athens University Medical School, Greece</td>
</tr>
<tr>
<td>18</td>
<td>501</td>
<td>RISK FACTORS OF CARDIAC AUTONOMIC NEUROPATHY IN DIABETES</td>
<td>C. Voulgari, I. Moyssakis, D. Papadogiannis, N. Katsilambros, N. Tentolouris</td>
<td>Athens University Medical School, Greece</td>
</tr>
<tr>
<td>P106</td>
<td></td>
<td>VALVULAR HEART DISEASE / HEART VALVE SURGERY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>502</td>
<td>PATTERN OF VALVULAR INVOLVEMENT IN PATIENTS WITH RHEUMATIC HEART DISEASE (RHD) IN NEPAL</td>
<td>S.S. Dhakal, S. Basnet, N.R. Shrestha, N. Bhatta, P. Karki</td>
<td>B.P. Koirala Institute of Health Sciences, Nepal</td>
</tr>
<tr>
<td>20</td>
<td>503</td>
<td>DOES THROMBOCYTOPENIA AGGRAVATE EARLY OUTCOME AFTER AORTIC VALVE REPLACEMENT WITH A BIOPROSTHESIS</td>
<td>K Kirali, E. Aksoy, F. Buyukbayrak, M. Yanartas, A. Elibol, T. Ozer, K. Boyacioglu, M. Kis, M. Sismanoglu, I. Mataraci</td>
<td>Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey</td>
</tr>
<tr>
<td>21</td>
<td>504</td>
<td>DOES INTERMITTENT FASTING INCREASE THE RISK OF PROSTHETIC MITRAL VALVE THROMBOSIS?</td>
<td>O.A. Rifaie, A.M. Sami, A.H. Hamada, A.M. Ashraf</td>
<td>Ain Shams University, Cairo, Egypt</td>
</tr>
<tr>
<td>22</td>
<td>505</td>
<td>INDUCED APOPTOSIS BY AN ESCHERICHIA COLI STRAIN IN AN EXPERIMENTAL ENDOCARDITIS MODEL</td>
<td>J.K. Olague Franco, M. Dominguez-Hernandez, I. Hernandez Canaveral, O.M. Meilhac</td>
<td>University of Guadalajara, Guadalajara, Jalisco, Mexico, INSERM U. 698, Paris, France</td>
</tr>
<tr>
<td>23</td>
<td>506</td>
<td>SUPERIOR VENA CAVA AND RIGHT ATRIUM WALL INFECTIVE ENDOCARDITIS IN HEMODIALYSIS PATIENTS: A CASE SERIES AND REVIEW OF LITERATURE</td>
<td>S.T. Thakar, K.C. Janga, T. Tolchinsky, A. Sadiq, E. Lichstein, J. Shani</td>
<td>Maimonides Medical Center, Brooklyn, NY, USA</td>
</tr>
<tr>
<td>24</td>
<td>507</td>
<td>PREVALENCE OF MITRAL VALVE PROLAPSE IN RUSSIAN POPULATION</td>
<td>E.G. Malev, E.V. Zemtsovsky, S.V. Reeva, E.V. Timofeev, M. Prokudina</td>
<td>Almazov Federal Heart, Blood and Endocrinology Centre, Russia</td>
</tr>
<tr>
<td>Board No</td>
<td>Abstract No.</td>
<td>Title</td>
<td>Authors</td>
<td>Institution</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>25</td>
<td>508</td>
<td>AORTIC HOMOGRAFT IMPLANTATION IN A PATIENT WITH OSLER-WEBER-RENDU DISEASE AND INFECTIVE ENDOCARDITIS OF THE PREVIOUSLY IMPLANTED BIOPROSTHESIS</td>
<td>T. Habon, L. Czopf, E. Varady, G. Bogats, K. Toth</td>
<td>University of Pecs, Medical Center, Pecs, Hungary</td>
</tr>
<tr>
<td>26</td>
<td>509</td>
<td>SKELETAL FINDING IN PATIENTS WITH CALCIFIC AORTIC STENOSIS</td>
<td>N.N. Partenova, S.I. Khasanova, E.V. Zemtsovsky, M. Prokudina</td>
<td>Almazov’s Federal Centre of Heart, Saint-Petersburg, Russia</td>
</tr>
<tr>
<td>28</td>
<td>511</td>
<td>EFFECTS OF RIGHT CORONARY ARTERY INTERVENTION ON THE DEGREE OF MITRAL REGURGITATION</td>
<td>W.I. Khalife, V.K. Mukku</td>
<td>University of Texas Medical Branch, Galveston, TX, USA</td>
</tr>
<tr>
<td>29</td>
<td>512</td>
<td>PHYSICAL CAPACITY IN YOUNG AGE PERSONS WITH MITRAL VALVE PROLAPSE AND MARFANOID HABITUS</td>
<td>S.V. Reeva, I.A. Pankova, E.G. Malev, A.L. Korshunova, E.V. Zemtsovskiy, M. Prokudina</td>
<td>Almazov Federal Heart, Blood and Endocrinology Centre, St.Petersburg, Russia</td>
</tr>
<tr>
<td>30</td>
<td>513</td>
<td>SEPTAL DELINEATION TECHNIQUE DURING BALLOON MITRAL VALVOTOMY</td>
<td>Y.P. Sharma, A. Subramaniyan, PGIMER, Chandigarh, India</td>
<td></td>
</tr>
<tr>
<td>P507</td>
<td></td>
<td>CARDIOMYOPATHIES: VARIOUS ETIOLOGIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>514</td>
<td>DIFFERENTIAL DIAGNOSIS FOR DILATED CARDIOMYOPATHY FROM ISCHEMIC HEART DISEASE</td>
<td>T. Hirohashi, K. Kurosu, K. Shimizu, T. Tomaru</td>
<td>Dept of Clinical Physiology, Toho University Medical School, Sakura, Japan</td>
</tr>
<tr>
<td>32</td>
<td>515</td>
<td>MITRAL VALVE PROLAPSE CARDIOMYOPATHY</td>
<td>E.G. Malev, E.V. Zemtsovsky, S.V. Reeva, E.V. Timofeev, M. Prokudina</td>
<td>Almazov Federal Heart, Blood and Endocrinology Centre, St. Petersburg, Russia</td>
</tr>
<tr>
<td>33</td>
<td>516</td>
<td>IMPACT OF DELAYED DIAGNOSIS AND CARDIAC EVALUATION ON OUTCOME OF AMYLOIDOsis</td>
<td>B. Carlson, V. Cotarlan, J. Shirani</td>
<td>Geisinger Medical Center, Danville, PA, USA</td>
</tr>
<tr>
<td>34</td>
<td>517</td>
<td>A RETROSPECTIVE STUDY ON THE PREVALENCE OF VENTRICULAR NON-COMPACTION IN A MEDICINE WARD</td>
<td>N. Mumoli, M. Cei, A. Camaiti</td>
<td>Department of Internal Medicine, Livorno, Italy</td>
</tr>
<tr>
<td>35</td>
<td>518</td>
<td>RELATIONSHIP OF SERUM ASYMMETRIC ARGinine LEVEL, LEFT VENTRICULAR HYPERTROPHY AND FUNCTION IN PATIENTS ON CHRONIC HEMODIALYSIS</td>
<td>M.A. Bhariya, O.A. Rifaie, G.M. Abolazaim, Y.M. ElShahawy</td>
<td>AinShams University, Cairo, Egypt</td>
</tr>
<tr>
<td>Board No</td>
<td>Abstract No.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>519</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>520</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>521</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>522</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>530</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>523</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**P208 HEART FAILURE – EPIDEMIOLOGY, PATHOPHYSIOLOGY AND THERAPIES**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>519</td>
</tr>
<tr>
<td>37</td>
<td>520</td>
</tr>
<tr>
<td>38</td>
<td>521</td>
</tr>
<tr>
<td>39</td>
<td>522</td>
</tr>
<tr>
<td>40</td>
<td>530</td>
</tr>
<tr>
<td>41</td>
<td>523</td>
</tr>
</tbody>
</table>

36. COMBINED COLLAGEN AND NEURO-HORMONAL BIOMAKERS ARE HIGHLY PREDICTIVE OF MORTALITY AND MORBIDITY OUTCOMES IN POST-MI HEART FAILURE
   **J. Vincent**, J. Cumps, F. Zannad, J-M. Ketelslegers
   Pfizer Inc, New York, NY, USA

37. CHANGES IN LEFT VENTRICULAR MECHANICS IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
   **R. Tkacova**, G. Valocik, M. Brusik, Z. Sopkova, I. Tkac
   Medical Faculty, P.J. Safarik University, Kosice, Slovakia

38. IMPACT OF EXERCISE TESTING MODE ON EXERCISE PARAMETERS IN PATIENTS WITH CHRONIC HEART FAILURE
   Antwerp University Hospital, Edegem, University of Antwerp, Antwerp, Belgium

39. RESPIRATORY COMPENSATION POINT AND HEART RATE TURNING POINT PRECEDE THE SECOND LACTATE TURNING POINT IN PATIENTS WITH CHRONIC HEART FAILURE
   Antwerp University Hospital, Edegem, University of Antwerp, Antwerp, Belgium

40. OUTCOMES IN PATIENTS ON BETA BLOCKER AND COCAINE USE
   Meharry Medical College, Nashville, TN, USA

41. ARTERIAL STIFFNESS IN PATIENTS WITH CORONARY ARTERY DISEASE AND HEART FAILURE
   **Y.M. Lopatin**, T.H. Temirsultanova
   Volgograd Regional Cardiology Center, Russia
**P510 ADVANCES IN CARDIAC SURGERY**

<table>
<thead>
<tr>
<th>Board No</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>524</td>
</tr>
<tr>
<td>43</td>
<td>525</td>
</tr>
<tr>
<td>44</td>
<td>526</td>
</tr>
<tr>
<td>45</td>
<td>527</td>
</tr>
<tr>
<td>46</td>
<td>528</td>
</tr>
</tbody>
</table>

**42 RADIAL ARTERY CONDUIT IMPROVES LONG-TERM SURVIVAL IN WOMEN**

Beth Israel Medical Center, New York, NY, USA

**43 MINIMALLY INVASIVE APPROACH TO THE REPAIR OF ANOMALOUS CORONARY ARTERIES**

M. Takahashi, **G.H.L. Tang**, R.C. Reddy
Mount Sinai Medical Center, New York, NY, USA

**44 INFLUENCE OF GRAFT GEOMETRY ON HEMODYNAMICS IN A PROXIMAL AORTA – CORONARY BY-PASS GRAFT**

**V. Dehlaghi**, A. Roshani, T. Yosufi, F. Sabzi
Kermanshah University of Medical Sciences, Kermanshah, Iran

**45 OLD TIMER STRIKES A COMING BACK? THE EARLY AND MIDTERM RESULTS OF TOTAL AORTIC ARCH REPLACEMENT FOR AORTIC ANEURYSM WITHOUT CARDIOPULMONARY BYPASS**

Chinese Academy of Medical Science and Fu Wai Hospital Beijing, China

**46 A SINGLE INSTITUTION’S REVIEW OF IAA/VSD REPAIRS AND NEED FOR SURGICAL REINTERVENTION**

**A.A. Patel**, R. Walsh, S. Srivastava, Sinai Medical Center, New York, NY, USA

**P511 CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT**

**47 DOES CYCLOSPORINE DOWN REGULATE IL-17A IN CARDIAC ALLOGRAFT VASCULOPATHY?**

**N. Nair**, L. Potena, S. Kumar, S. Gupta, F. Angeli, P. Romani, G.J. Dehmer
Scott & White Hospital/TAMHSC, Temple, TX, USA