SUNDAY, JULY 25, 2010

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 Cellular Biology of the Heart
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 2010 AWARDS
John A. Elefteriades, USA
Jeffrey S. Borer, USA

09:35 – 10:15  Hall A

OL:  OPENING LECTURE – FOURTH H.J.C. SWAN MEMORIAL LECTURE
Chairperson:  K. Maiese, Newark, NJ, USA

09:35  INTRODUCTION
K. Maiese, Newark, NJ, USA

09:40  "VOODOO" DEATH REVISITED: THE MODERN LESSONS OF NEUROCARDIOLOGY  (Opening Lecture)
M.A. Samuels, Brigham and Women's Hospital. Boston, MA, USA

10:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 25, 2010

10:45 – 13:00  Hall A

PL: 01  Plenary Session
OXIDATIVE STRESS AND BIOMARKERS IN CARDIOVASCULAR DISEASE

Chairpersons:  K. Maiese, Newark, NJ, USA
               P.K. Singal, Winnipeg, MB, Canada

Abstract No.

10:45  OXIDATIVE STRESS: BIOLOGY AND BIOMARKERS IN THE VASCULAR SYSTEM (Invited Lecture)
K. Maiese, University of Medicine & Dentistry of New Jersey, Newark, NJ, USA

11:00  THE ROLE OF EXCESS RADICAL FLUX IN HEART DISEASE (Invited Lecture)  002
P.K. Singal, S. Dhingra, Institute of Cardiovascular Sciences St. Boniface Research Center, Winnipeg, MB, Canada

11:15  INFLAMMATION AND HEART FAILURE; CAUSES, CONSEQUENCES OR BOTH? (Invited Lecture)
D. Anzulović-Mirošević, M. Zaninotto, M.M. Mion, M. Plebani, M.L. Barzon, I. Castagliuolo, P. Brun, G. Palù, S. Dalla-Volta, University of Padova Medical School, Padova, Italy

11:30  ENDOTHELIAL NITRIC OXIDE - PEROXYNITRITE IMBALANCE IN HEART FAILURE (Invited Lecture)
R. Kubant, T. Malinski, Ohio University, Athens, OH, USA

11:45  MOLECULAR REGULATION OF APOPTOSIS IN THE HEART: "TO BE OR NOT TO NF-κB (Invited Lecture)
L.A. Kirshenbaum, University of Manitoba, Winnipeg, MB, Canada

12:00  MYELOPEROXIDASE: A MARKER AND MEDIATOR OF ACUTE CORONARY ARTERY DISEASE (Invited Lecture)
J.G. Filep, University of Montreal, Canada

12:15  NOVEL CORONARY IMAGING AND MULTI-BIOMARKER STRATEGY FOR ACUTE CORONARY SYNDROME (Invited Lecture)
Y. Seino, M. Yamamoto, M. Takano, K. Mizuno, Nippon Medical School Chiba-Hokusoh Hospital, Chiba, Nippon Medical School, Tokyo, Japan

12:30  THROMBOXANE RECEPTOR: THE CROSS-ROAD OF INFLAMMATION AND OXIDATIVE STRESS IN ATHEROGENESIS (Invited Lecture)
D. Pratico, Temple University, Philadelphia, PA, USA

12:45  IDENTIFICATION OF A CARDIAC SPECIFIC PROTEIN TRANSDUCTION DOMAIN BY IN VIVO BIOPANNING USING A M13 PHAGE PEPTIDE DISPLAY LIBRARY (Invited Lecture)
M. Zahid, University of Pittsburgh, PA, USA

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 25, 2010

10:45 – 13:00  Hall B

PL: 02  Plenary Session
NOVEL TREATMENT AVENUES IN HEART FAILURE

Chairpersons:  J.S. Borer, NY, USA
               R.E. Hobbs, Cleveland, OH, USA

Abstract No.

10:45  HEART RATE REDUCTION AND CARDIOVASCULAR OUTCOMES: IS THERE A THERAPEUTIC RELATION? (Invited Lecture)
       J.S. Borer, SUNY Downstate, New York, NY, USA

11:00  RELAXIN IN ACUTE DECOMPENSATED HEART FAILURE (Invited Lecture)
       R.E. Hobbs, Cleveland Clinic, Cleveland, OH, USA

11:15  CARDIAC TROPONIN AND HEART FAILURE (Invited Lecture)
       W.L. Miller, Mayo Clinic, Rochester, MN, USA

11:30  LOOKING FORWARD, LOOKING BACK: ASSESSING VARIATIONS IN HOSPITAL RESOURCE USE AND OUTCOMES FOR ELDERLY PATIENTS WITH HEART FAILURE (Invited Lecture)
       M.K. Ong, C.M. Mangione, P.S. Romano, Q. Zhou, A.D. Auerbach,
       B. Davidson, T.G. Ganiats, S. Greenfield, J.J. Escarce, University of California:
       Los Angeles, Davis, San Francisco, San Diego, Irvine, Cedars-Sinai Medical Center,
       Los Angeles, Rand Health, Santa Monica, CA, USA

11:45  THE ROLE OF COENZYME Q10 IN REFRACTORY CONGESTIVE HEART FAILURE (Invited Lecture)
       K.A. Adarsh, Govt. Medical College/G.N.D. Hospital, Amritsar, India

12:00  ROLE OF RYANODINE RECEPTOR AS A NEW THERAPEUTIC TARGET IN DIABETIC HEART DYSFUNCTION (Invited Lecture)
       B. Turan, Ankara University Faculty of Medicine, Ankara, Turkey

12:15  TREATING CONGESTION IN ADVANCED HEART FAILURE (Invited Lecture)
       J.N. Nanas, University of Athens, Greece

12:30  REGULATION OF PDE5 EXPRESSION IN THE FAILING HEART (Invited Lecture)
       Z. Lu, X. Xu, X. Hu, S. Lee, J. Hall, Y. Chen, University of Minnesota,
       Minneapolis, MN, USA

12:45  CTHRC1 - A NOVEL CARDIOTROPIC HORMONE
       I. Pinz, J.P. Stohn, R.J. LeClair, M. Maslov, Q. Wang, A.S. Cuttler,
       L. Liaw, V. Lindner
       Maine Medical Center Research Institute, University of New England,
       ME, USA

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 25, 2010

10:45 – 12:45  Hall C

S21  Session
ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION, INTERVENTIONAL CARDIOLOGY

Chairpersons:  Y. Birnbaum, Houston, TX, USA
               K. Prasad, Saskatoon, Canada

Abstract No. 019  CANDESARTAN SUPPRESSES INCREASE IN SECRETED FRIZZLED RELATED PROTEIN 2 AND FIBROSIS DURING HEALING AFTER REPERFUSED MYOCARDIAL INFARCTION IN THE RAT MODEL
B.I. Jugdutt, A. Palaniyappan, H. Idikio, University of Alberta, Edmonton, Alberta, Canada

11:00  CONTRAST-INDUCED NEPHROPATHY IN PATIENTS UNDERGOING EMERGENCY PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE CORONARY SYNDROME
Kansai Medical University, Hirakata City, Osaka, Japan

11:15  IMPACT OF SYMPTOM-TO-REPERFUSION TIME ON LEFT VENTRICULAR DIASTOLIC FUNCTION FOLLOWING ACUTE MYOCARDIAL INFARCTION
S.B. Prasad, V. See, P. Brown, T. McKay, A. Narayan, P. Kovoor, L. Thomas, Westmead Hospital, Sydney, Australia

11:30  LOX-1 IS INVOLVED IN THE COMPLEMENT ACTIVATION BY ENDOGENOUS C-REACTIVE PROTEIN AND MYOCARDIAL REPERFUSION INJURY
National Cardiovascular Center Research Institute, Suita, Osaka, Japan

11:45  IMPACT OF RANDOM PLASMA GLUCOSE ON ADMISSION IN DIABETIC PATIENTS WITH ACUTE ST ELEVATION MYOCARDIAL INFARCTION

12:00  FLU VACCINATION AND ADVERSE OUTCOMES IN PATIENTS WITH SUSPECTED NON-ST ELEVATION ACUTE CORONARY SYNDROME
M. Zahid, I. Singla, C.B. Good, A.F. Sonel
University of Pittsburgh, Pittsburgh, PA, USA

12:15  LOW DOSE THROMBOLYTIC TREATMENT IS EFFECTIVE IN RESTORING PATENCY IN THE CAROTID ARTERIES, IN A CLINICALLY RELEVANT LARGE ANIMAL MODEL
University of Athens, Greece

12:30  FASTER ENDOTHELIALISATION OF A NEW BIODEGRADABLE POLYMER STENT
C.J. Wolf, M. Nemec, S. Ingerle, H. Weber, SMZ-Ost, Vienna, Austria

12:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 25, 2010

10:45 – 12:00  Hall D

S22 Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/ CONGENITAL HEART DISEASE

Chairpersons:  T.A. Pilcher, Salt Lake City, UT, USA
               G. Sandor, Vancouver, BC, Canada

Abstract No.

10:45  VALVE REPAIR IN RHEUMATIC MITRAL VALVE DISEASE  027
F.A. Fabiani, S.E. Saad, P.F. Pollice, P.P. Pollice
University of Berne, Switzerland

11:00  CORONARY FLOW DYNAMICS IN CHILDREN AFTER REPAIR OF TETRALOGY OF FALLOT ASSESSED WITH TRANSTHORACIC DOPPLER ECHOCARDIOGRAPHY  028
E.H. Aburawi, E. Pesonen
United Arab Emirates University, Faculty of Medicine and Health Science, Al-Ain, UAE

11:15  THE PRESSURE WIRE AS DIAGNOSTIC TOOL IN PATIENTS WITH CONGENITAL HEART DISEASE: A NOVEL NEW APPLICATION  029
T. Hamid, H. Hadi, B. Clarke, V.S. Mahadevan, Manchester Heart Centre, Manchester Royal Infirmary, Manchester, UK

11:30  RISK STRATIFICATION FOR SYMPTOMS AND ARRHYTHMIAS AFTER TETRALOGY OF FALLOT REPAIR  030
S.O. Arya, J. Kovach, P.P. Karpawich, Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

11:45  MYOCARDIAL REMODELING IN HYPOPLASTIC LEFT HEART SYNDROME ANALYZED BY ULTRASOUND BIOMICROSCOPY AND MICROARRAY IN THE CHICK EMBRYO  031
D. Sedmera, Z. Pesevksi, A. de Almeida, M. Mrug, V. Fresco, J. Barth, X. Cui, E. Krecji, R. Kockova, Institute of Physiology AS CR, Prague, Czech Republic

12:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RESISTIN CONTRIBUTES TO NEOINTIMAL FORMATION VIA OXIDATIVE STRESS AFTER VASCULAR INJURY</td>
<td>K.G. Shyu, B.W. Wang</td>
<td>Shin Kong Wu H-Su Memorial Hospital, Taipei, Taiwan</td>
</tr>
<tr>
<td>2</td>
<td>ENDOTHELIAL CELL INJURY IN CARDIOVASCULAR SURGERY: THE PATHOPHYSIOLOGY OF VASOMOTOR DYSFUNCTION</td>
<td>P.P. Pollice, S.E. Saad, F.P. Pollice, A.F. Fabiani</td>
<td>University of Berne, Switzerland</td>
</tr>
<tr>
<td>3</td>
<td>OXIDATIVE STRESS INDUCES DNA DOUBLE-STRAND BREAKS AND DNA DAMAGE RESPONSE</td>
<td>M. Ishida, T. Ishida, K. Abe, C. Sakai, H. Uchida, Y. Kihara, M. Yoshizumi</td>
<td>Hiroshima University, Hiroshima, Japan</td>
</tr>
<tr>
<td>4</td>
<td>PRIMARY CILIA ARE MECHANOSENSORY ORGANELLES IN VASCULAR TISSUES</td>
<td>S.M. Nauli</td>
<td>The University of Toledo, Toledo, OH, USA</td>
</tr>
<tr>
<td>5</td>
<td>ISCHEMIA-MODIFIED ALBUMIN LEVELS NOT AFFECTED BY ALBUMIN CONCENTRATIONS DURING EXERCISE SESTAMIBI</td>
<td>H.R. Lee, A.E. McCullough, R.P. Umfrid, S.J. Lester</td>
<td>Mayo Clinic Arizona, Scottsdale, AZ, USA</td>
</tr>
<tr>
<td>6</td>
<td>AUTOANTIBODIES TO CARDIAC TROPONIN T IN NORMAL BLOOD DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS</td>
<td>M. Adamczyk, R.J. Brashear, P.G. Mattingly</td>
<td>Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>8</td>
<td>039</td>
<td>CORONARY FLOW RESERVE AS A MEASURE OF EARLY CARDIOVASCULAR DISEASE IN PATIENTS WITH RHEUMATOID ARTHRITIS. CORRELATION BETWEEN CAROTID INTIMA MEDIA THICKNESS, ADMA AND CORONARY FLOW RESERVE</td>
<td>S. Sitia, L. Tomasoni, F. Atzeni, L. Gianturco, P. Sarzi-Puttini, V. De Gennaro Colonna, M. Turiel, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy</td>
</tr>
<tr>
<td>9</td>
<td>040</td>
<td>A NEW EXTRACTION METHOD OF FETAL ELECTROCARDIOGRAM FROM MATERNAL ABDOMINAL SIGNALS</td>
<td>Y. Kimura, T. Ito, C. Chisaka, A. Aoyagi, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan</td>
</tr>
<tr>
<td>10</td>
<td>041</td>
<td>LOW DOSE HEPARIN CAN SAFELY BE ADMINISTERED DURING ROUTINE IVUS SHORTLY FOLLOWING ENDOMYOCARDIAL BIOPSY</td>
<td>R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed The Southern Arizona VA Health Care System, Tucson, AZ, USA</td>
</tr>
<tr>
<td>12</td>
<td>043</td>
<td>AN INTRAVASCULAR ULTRASOUND ANATOMICAL STUDY OF DISTAL LEFT MAIN STEM AND PROXIMAL LEFT ANTERIOR DECENDING ARTERIES IN A NORTHERN IRISH POPULATION</td>
<td>J.A. Shand, S.J. Walsh, C. Hanratty, I.B. Menown, A.J. McClelland, M. Spence, Craigavon Area Hospital, Belfast, UK</td>
</tr>
<tr>
<td>13</td>
<td>044</td>
<td>CASE REPORTS OF FETAL BRADYCARDIA DIAGNOSED BY FETAL ELECTROCARDIOGRAM VIA MATERNAL ABDOMEN</td>
<td>A. Aoyagi, Y. Kimura, T. Ito, C. Chisaka, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan</td>
</tr>
<tr>
<td>14</td>
<td>045</td>
<td>EFFECT OF FLUVASTATIN ON PROGRESSION OF CORONARY Atherosclerotic Plaque Evaluated by Intravascular Ultrasound Virtual Histology</td>
<td>K. Nasu, E. Tsuchikane, O. Katoh, Y. Kinoshita, T. Suzuki Toyohashi Heart Center, Toyohashi, Aichi, Japan</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>046</td>
<td></td>
<td>EFFECT OF DIABETES MELLITUS ON SHORT TERM MORTALITY IN PATIENTS WITH FIRST ACUTE ST- ELEVATION MYOCARDIAL INFARCTION: TEN YEARS RESULTS FROM A HOSPITAL WITH NO INVASIVE FACILITIES</td>
<td>C. Pop, L. Pop, M. Roman, L. Mos Vasile Goldis - West University, Arad, Romania</td>
</tr>
<tr>
<td>047</td>
<td></td>
<td>METABOLIC SYNDROME IN INDIVIDUALS WITH NORMAL CONCENTRATIONS OF LIVER ENZYMES</td>
<td>I. Shapira, A. Steinvil, S. Berliner, O. Rogowski Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel</td>
</tr>
<tr>
<td>048</td>
<td></td>
<td>CONTINUOUS RELEASE OF THE PEPTIDE AIP18AA MARKEDLY REDUCES THE REQUIRED DOSE FOR IMPROVING PLAasma INFLAMMATORY INDEX</td>
<td>K. Navab, C. Chyu, S. Hama, G. Hough, R. Yu David Geffen School of Medicine, UCLA, Los Angeles, CA, USA</td>
</tr>
<tr>
<td>049</td>
<td></td>
<td>ROSIGLITAZONE AMELIORATES ENDOTHELIAL DYSFUNCTION AND REDUCES LDL OXIDATION POSTPRANDIALLY IN PATIENTS WITH DIABETES MELLITUS</td>
<td>S. Pastromas, S. Koulouris, D. Sakellariou, G. Ioannidis, H. Anninos, D. Tousoulis, N. Zakopoulos, C. Stefanadis, A.S. Manolis, First Department of Cardiology, Evangelismos Hospital, Athens, Greece</td>
</tr>
<tr>
<td>050</td>
<td></td>
<td>EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN OVERWEIGHT AND MORBIDLY OBESE PATIENTS</td>
<td>P.F. Burgos, A.J. Leal, A.R. Gagliardi Clinica de Cirurgia Cardiovascular de Santos, Santos, SP, Brazil</td>
</tr>
<tr>
<td>051</td>
<td></td>
<td>P WAVE DISPERSION IN PATIENTS WITH METABOLIC SYNDROME</td>
<td>A. Kassem, A. Boqhdady, M. Atia, Sohag Faculty of Medicine, Egypt</td>
</tr>
</tbody>
</table>
**Poster Session**

**CARDIAC PACEMAKERS AND IMPLANTABLE CARDIOVERTER - DEFIBRILLATOR THERAPY**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>052</td>
</tr>
<tr>
<td>22</td>
<td>053</td>
</tr>
<tr>
<td>23</td>
<td>054</td>
</tr>
<tr>
<td>24</td>
<td>055</td>
</tr>
<tr>
<td>25</td>
<td>056</td>
</tr>
<tr>
<td>26</td>
<td>057</td>
</tr>
<tr>
<td>27</td>
<td>058</td>
</tr>
<tr>
<td>28</td>
<td>059</td>
</tr>
<tr>
<td>29</td>
<td>060</td>
</tr>
<tr>
<td>30</td>
<td>061</td>
</tr>
</tbody>
</table>

**Board 21**

**Atrial Tachyarrhythmias Not More Frequent After Exposure to MRI in Patients with a Specialy Modified Pacing System**


**Board 22**

**Routine DFT Testing: Is It Necessary During ICD Generator Replacement?**

**H.H. Modi**, A. Aeriahchapanich, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA

**Board 23**

**Impact of Acute Renal Impairment in the Absence of Chronic Renal Failure on ICD Shocks and Subsequent Mortality**

**D. Chong**, K.L. Ho, R. Liew, W.S. Teo, C.K. Ching, National Heart Centre, Singapore

**Board 24**

**Is VDD Pacing an Acceptable Option in Patients with Isolated AV Block and Intact Sinoatrial Node Function?**

**P.J. Parwani**, D.R. Frisch, B.B. Pavri, University of Connecticut Health Center, Farmington, CT, USA

**Board 25**

**Temporary Transvenous Cardiac Pacing: Balloon Flotation Technique or Semi Rigid Electrodes, Does It Matter?**

**W. Taggu**, R.A. Gamma, Essex Cardiothoracic Centre, Basildon & Thurrock University, Chelmsford, Essex, UK

**Board 26**

**Pacing After Cardiac Surgery: How and What Is the Best?**

**J. Rubio**, J. Sierra, D. Sanchez, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reija, Universitary Hospital Santiago de Compostela, Santiago de Compostela, Spain

**Board 27**

**Retained Cardiac Lead Removal with the Cook Evolution System: Preliminary Experience**

**A. Hurle**, C. Vaquero, A. Garcia, A. Ibañez, J.L. Ibañez, J.G. Martinez, Hospital General Universitario de Alicante, Alicante, Spain

**Board 28**

**Is Temporary Pacemaker Necessary During Pulse Generator Replacement in Pacemaker Dependent Patients?**

**H.H. Modi**, B. Rehan, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA

**Board 29**

**Serial Change of Stimulation Threshold of Ventricular Screw-In Leads at Implantation and the Relationship Between the Acute and Chronic Stimulation Threshold**

**E. Nakagawa**, T. Oosawa, K. Ito, Y. Abe, R. Komatsu, K. Haze, T. Naruko, A. Ito, Osaka City General Hospital, Osaka, Japan

**Board 30**

**Is it Safe to Discharge Patients the Same Day After Device Implantation? A Prospective, Randomized Pilot Study**

P107  Poster Session
VALVULAR HEART DISEASE/ HEART VALVE SURGERY

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DISEASE: TO REPAIR OR NOT TO REPAIR?</td>
<td>E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PARAMETERS QUANTIFYING AORTIC STENOSIS SEVERITY</td>
<td>Karolinska Institutet, Karolinska University Hospital, Stockholm, Sweden</td>
</tr>
<tr>
<td>33</td>
<td>064</td>
<td>RADIOLOGIC DISTORTION OF THE BIOPROSTHESIS RING AND EARLY CALCIFICATION</td>
<td>J. Rubio, J. Sierra, A. Martinez de Alegria, B. Adrio, J. Garcia-Carro, J.M.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Martinez-Cerejio, C. Delgado, L. Reija</td>
</tr>
<tr>
<td>34</td>
<td>065</td>
<td>CANDIDA ALBICANS ISOLATED FROM HUMAN FUNGEMIA INDUCE APOPTOSIS IN</td>
<td>J.K. Olague Franco, M. Dominguez-Hernandez, I. Hernandez Canaver, A.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EXPERIMENTAL ENDOCARDITIS</td>
<td>Plascencia-Hernandez, O.M. Meilhac</td>
</tr>
<tr>
<td>35</td>
<td>066</td>
<td>INFECTIVE ENDOCARDITIS MORTALITY: HAS IT CHANGED SECONDARY</td>
<td>W. Taggu, D.R. Turner</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TO THE CURRENT MANAGEMENT GUIDELINES</td>
<td>Essex Cardiothoracic Centre, Basildon &amp; Thurrock University, Chelmsford, Essex,</td>
</tr>
<tr>
<td>36</td>
<td>067</td>
<td>BIOGLUE DOES NOT PREDISPOSE TO ANASTOMOTIC PSEUDOANEURYSM IN THORACIC</td>
<td>J. Weiner, S.A. Widman, Z. Golek, M. Tranquilli, J.A. Elefteriades</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AORTIC SURGERY</td>
<td>Yale University, New Haven, CT, USA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POPULATION</td>
<td>Marchena, Department of Medicine, University of Miami, Miami, FL, Tendyne Medical</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inc, Baltimore, USA</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 25, 2010

14:00 – 16:30  Hall A

PL: 03  Plenary Session
SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

Chairpersons:  M.E. Cain, Buffalo, NY, USA
               A.B. Curtis, Tampa, FL, USA

Abstract No.

14:00  GENETIC SUSCEPTIBILITY TO SUDDEN CARDIAC DEATH (Invited Lecture) 069
       S.S. Chugh, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

14:15  DIAGNOSIS OF ARVC, MODIFICATION OF THE TASK FORCE CRITERIA (Invited Lecture) 070
       F.I. Marcus, Sarver Heart Center, Tucson, AZ, USA

14:30  RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH: INSIGHTS FROM CLINICAL TRIALS (Invited Lecture) 071
       M.E. Cain, University at Buffalo School of Medicine & Biomedical Sciences, Buffalo, NY, USA

14:45  NONINVASIVE RISK ASSESSMENT IN BRUGADA SYNDROME (Invited Lecture) 072
       M. Takagi, Osaka City University Graduate School of Medicine, Osaka, Japan

15:00  PERFORMANCE IMPROVEMENT FOR IMPLANTABLE DEVICE THERAPY IN THE OUTPATIENT SETTING: FINDINGS FROM IMPROVE HF (Invited Lecture) 073
       A.B. Curtis, University of South Florida, Tampa, FL, USA

15:15  ISOLATED VENTRICULAR NONCOMPACATION: RISK FACTORS AND INDICATIONS FOR ICD THERAPY (Invited Lecture) 074
       F. Duru, University Hospital of Zurich, Switzerland

15:30  THE LATEST IN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR THERAPY (Invited Lecture) 075
       S.M. Al-Khatib, Duke Clinical Research Institute, Durham, NC, USA

15:45  THE IMPORTANCE OF REDUCING ICD SHOCKS (Invited Lecture) 076
       A. Fischer, Mount Sinai Medical Center, New York, NY, USA

16:00  ROLE OF BIVENTRICULAR PACING IN PATIENTS WITH STANDARD PACING INDICATIONS (Invited Lecture) 077
       J.W.H. Fung, Prince of Wales Hospital, Hong Kong, China

16:15  MYTHS, MAGICAL THINKING, AND MRI: SCANNING IMPLANTABLE RHYTHM DEVICE PATIENTS (Invited Lecture) 078
       J.R. Gimbel, Knoxville, TX, USA

16:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 25, 2010

14:00 – 16:15

PL: 04 Plenary Session
UPDATE / RECENT ADVANCES IN NON-INVASIVE IMAGING / RISK PREDICTION

Chairpersons: S.F. Nagueh, Houston, TX, USA
T. Tomaru, Sakura City, Japan

Abstract No.

14:00 VASCULAR IMAGINGS FOR EVALUATION OF CARDIOVASCULAR EVENT RISK AND GUIDANCE OF TREATMENT (Invited Lecture)
T. Tomaru, Dept. of Cardiology, Toho University Sakura Hospital, Sakura, Japan

14:15 PROGNOSTIC SIGNIFICANCE OF FINDINGS FROM CARDIAC MAGNETIC RESONANCE (Invited Lecture)
R. Krittayaphong, Mahidol University, Bangkok, Thailand

14:30 CLINICAL APPLICATION OF 3D ECHOCARDIOGRAPHY (Invited Lecture)
T. Shiota, The Cleveland Clinic Foundation, Cleveland, OH, USA

14:45 ECHOCARDIOGRAPHIC EVALUATION OF LV DIASTOLIC FUNCTION (Invited Lecture)
S.F. Nagueh, Baylor College of Medicine, Houston, TX, USA

14:45 ECHOCARDIOGRAPHIC EVALUATION OF LV DIASTOLIC FUNCTION (Invited Lecture)
S.F. Nagueh, Baylor College of Medicine, Houston, TX, USA

15:00 LIVE/REAL TIME 3-DIMENSIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY (Invited Lecture)
N.C. Nanda, University of Alabama at Birmingham, AL, USA

15:15 CHARACTERISTICS OF VULNERABLE PLAQUES IN MULTIPLE-DETECTOR ROW CT-BASED CORONARY ANGIOGRAPHY (Invited Lecture)
Y. Kihara, Hiroshima University Hospital, Hiroshima, Japan

15:30 RECIPROCAL ASSOCIATION BETWEEN ECTOPIC CARDIOVASCULAR CALCIFICATION AND OSTEOPOROSIS (Invited Lecture)
E. Aikawa, Brigham and Women’s, Boston, MA, USA

15:45 LABELING CARDIOVASCULAR STEM CELL FOR NON-INVASIVE IMAGING FOR ENHANCED ENGRAFTMENT AND EFFICACY (Invited Lecture)
D.L. Kraitchman, Johns Hopkins University, Baltimore, MA, USA

16:00 NON-INVASIVE IMAGING OF CORONARY ARTERY DISEASE IN OBESE PATIENTS (Invited Lecture)
A. Elhendy, Marshfield, WI, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 25, 2010

14:00 – 16:15 Hall C

S23 Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

Chairpersons: C.J. Chen, Houston, TX, USA
               D.K. Das, Farmington, CT, USA

Abstract No.

14:00 NOTCH ACTIVATES ENDOTHELIAL MESENCHYMAL
TRANSFORMATION IN THE DEVELOPING ATRIOVENTRICULAR
CANAL THROUGH AUTOCRINE ACTIVATION OF SOLUBLE GUANYLYL
CYCLASE
A.C.Y. Chang, Y.X. Fu, A. Setiadi, K. Niessen, L. Chang, M. Fuller, A. Karsan
University of British Columbia, Vancouver, BC, Canada

14:15 EFFECTIVE CARDIOMYOCYTES DIFFERENTIATION OF hESCs IN
SERUM-FREE CONDITION WITH CONDITIONED MEDIUM OF ENDODERM
LINEAGE CELLS DERIVED FROM hESCs
CHA University, Seoul, South Korea

14:30 OXIDOREDUCTASE ACTIVITY OF MACROPHAGE MIGRATION INHIBITORY
FACTOR PROVIDES CARDIOPROTECTION IN ISCHEMIA/REPERFUSION
The Feinstein Institute for Medical Research, Manhasset, NY, USA

14:45 MITOGEN-ACTIVATED PROTEIN KINASE PHOSPHATASE-1 DEFICIENCY
DECREASES ATHEROSCLEROSIS IN APOLIPOPROTEIN E KNOCKOUT MICE
S. Imaizumi, V. Grijalva, S. Hama, S. Priceman, L. Wu, M. Navab,
A.M. Fogelman, S.T. Reddy
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

15:00 DYSAUTONOMIA DUE TO REDUCED CHOLINERGIC
NEUROTRANSMISSION CAUSES CARDIAC REMODELING AND
HEART FAILURE
A.A. Lara, D.D. Damasceno, R. Pires, R. Gros, E.R. Gomes, R.R. Resende,
V.F. Prado, A.P. Almeida, M.A.M. Prado, S. Guatimosim
Federal University of Minas Gerais, Belo Horizonte, MG, Brazil

15:15 RATE-DEPENDENT BLOCK OF HKV1.5 CHANNELS AND THE MOLECULAR
DETERMINANT BY THE NATURAL FLAVONE ACACETIN
H.J. Wu, W. Wu, G.R. Li
Department of Medicine, University of Hong Kong, Hong Kong SAR, China

15:30 ELEVATED TIMP-1 LEVELS IN HEART FAILURE AND ASSOCIATION
BETWEEN TIMP-1 POLYMORPHISM AND THE EF IN PATIENTS WITH ST
ELEVATION MYOCARDIAL INFARCTION TREATED WITH PRIMARY PCI
M. Pavkova Goldbergova, J. Parenica, I. Bartonova, P. Kala, M. Poloczek,
O. Toman, K. Prymushova, J. Tomandl, J. Spinar, A. Vasku
Institute of Pathological Physiology, Faculty of Medicine, Masaryk University, Brno,
Czech Republic

15:45 SIGNALING PATHWAY INVOLVED IN ANTI-HYPERTROPHIC EFFECTS OF
ANGIOTENSIN-(1-7)/MAS AXIS IN CARDIOMYOCYTES
E.R. Gomes, A.A. Lara, P.W.M. Almeida, D. Guimaraes, R.R. Resende,
M.J. Campagnole-Santos, M. Bader, R.A.S. Santos, S. Guatimosim
Federal University of Minas Gerais, Belo Horizonte, Brazil
16:00 ROLES OF BMP SIGNALING DURING MOUSE VALVULOGENESIS 096
L. Song, K. Jiao
The University of British Columbia, Vancouver, BC, Canada

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S24 Session
NEW APPROACHES TO SURGICAL REVASCULARIZATION/ MECHANICAL SUPPORT/ LEFT VENTRICULAR ASSIST DEVICES, CARDIAC TRANSPLANTATION

Chairpersons: R. Hetzer, Berlin, Germany
L.P. Perrault, Montreal, Canada

14:00 CUSTODIOL-N, A NOVEL ORGAN PROTECTION SOLUTION PROTECTS AGAINST MYOCARDIAL AND ENDOTHELIAL REPERFUSION INJURY AFTER ORTHOTOPIC HEART TRANSPLANTATION
G. Szabo, G. Veres, T. Radovits, M. Karck, University of Heidelberg, Heidelberg, Germany

14:15 INITIAL EXPERIENCE WITH CIRCULATING ENDOTHELIAL CELLS (CEC) AS A SUPERSENSITIVE MARKER OF TISSUE DAMAGE IN LESS INVASIVE CORONARY SURGERY: IS MINIMAL EXTRACORPOREAL CIRCULATION (MEC) EQUIVALENT TO OPCAP?

14:30 OUTCOMES OF MINIMALLY INVASIVE VALVE SURGERY VERSUS MEDIAN STERNOTOMY IN PATIENTS ±75 YEARS OF AGE
J. Lamelas, A. Sarria, O. Santana, A. Pineda, G.A. Lamas
Mount Sinai Heart Institute, Miami Beach Fl, USA, Columbia University Division of Cardiac Surgery, New York, NY, USA

14:45 PROTECTION OF DONOR HEART: COMBINING COLD-STORAGE WITH PRECONDITIONING BY USING DOXYCYCLINE EXHIBITS IMPORTANT PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY
E. Ozcinar, A. Seymen, S. Eryilmaz, U. Ozyurda, B.Turan
Ankara University Faculty of Medicine, Ankara, Turkey

15:00 AN ADDITIVE COMPLEX SCORE AND A BEDSIDE MENTAL ARITHMETIC MODEL FOR OPERATIVE RISK STRATIFICATION IN CORONARY ARTERY BYPASS PATIENTS
Z. Zheng, L. Zhang, X. Yuan, S-S. Hu
Fu Wai Hospital, Peking, Union Medical College, Beijing, P.R.China

15:15 OUTCOMES OF MINIMALLY INVASIVE MITRAL VALVE SURGERY IN PATIENTS WITH AN EJECTION FRACTION ≤30%
Mount Sinai Heart Institute, Miami Beach Fl, USA, Columbia University Division of Cardiology, New York, NY, USA

15:30 ON-PUMP CORONARY ARTERY BYPASS SURGERY WITHOUT ALLOGENIC BLOOD PRODUCT TRANSFUSION
M. Lisy, E. Schmid, R. Kind, P. Rosenberger, B. Nohe, H. Haeberle, G. Ziemer, U. Stock, University Hospital, Tuebingen, Germany

15:45 THE NO TOUCH HARVESTING TECHNIQUE FOR VEIN GRAFTS IN CORONARY ARTERY BYPASS SURGERY PRESERVES AN INTACT VASA VASORUM
Orebro University Hospital, Orebro, Sweden
16:00 THE CHINESE CORONARY ARTERY BYPASS GRAFT REGISTRY: ANALYSIS OF MULTICENTER DATABASE
Fu Wai Hospital, Peking Union Medical College, Beijing, China

16:15 A 10 YEAR EXPERIENCE WITH THORATEC® AND HEARTMATE® VENTRICULAR ASSIST DEVICES
M.B. Vijayappa, G. Singh, A. Nahata, K. Malhotra, A. Cheema, U. Manchanda, A. Talkad, B. Clemson, University of Illinois, Peoria, IL, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
# SUNDAY, JULY 25, 2010

---

## 16:45 – 18:00  Hall A

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Chairpersons</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:45</td>
<td><strong>THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES</strong>&lt;br&gt;(Plenary Session)</td>
<td>L.C. Becker, Baltimore, MA, USA&lt;br&gt;J.D. Marsh, Little Rock, AR, USA</td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td><strong>CLINICAL APPLICATION OF GENETIC AND MOLECULAR MEDICINE IN ACUTE CORONARY SYNDROME</strong>&lt;br&gt;(Invited Lecture)</td>
<td>L.C. Becker, Johns Hopkins University School of Medicine, Baltimore, MA, USA</td>
<td>107</td>
</tr>
<tr>
<td>17:00</td>
<td><strong>CALCIUM CHANNEL EXPRESSION IN VASCULAR SMOOTH MUSCLE CELLS IS MODULATED BY CALCIUM CHANNEL SUBUNIT GENE TRANSFER</strong>&lt;br&gt;(Invited Lecture)</td>
<td>S. Telemaque, S.E. Flynn, T. Grain, M. Liu, J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
<td>108</td>
</tr>
<tr>
<td>17:15</td>
<td><strong>GENETIC DISRUPTION OF NPR1 GENE STIMULATES RAS GENE EXPRESSION: ROLE IN CARDIAC HYPERTROPHY</strong>&lt;br&gt;(Invited Lecture)</td>
<td>K.N. Pandey, Tulane University Health Sciences Center, New Orleans, LA, USA</td>
<td>109</td>
</tr>
<tr>
<td>17:30</td>
<td><strong>STUDIES OF THE GENETIC BASIS OF CONGENITAL HEART DEFECTS</strong>&lt;br&gt;(Invited Lecture)</td>
<td>N.E. Bowles, C.A. Gorbea, C.B. Arrington, University of Utah School of Medicine, Salt Lake City, UT, USA</td>
<td>110</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 25, 2010

16:45 – 18:45  Hall B

PL: 06  Plenary Session
ARTERIAL DISEASE AND HYPERTENSION

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

Abstract No.

16:45 PERIPHERAL ARTERIAL DISEASE (Invited Lecture)  112
W.S. Aronow, New York Medical College, Valhalla, NY, USA

17:00 PULMONARY PRESSURE RESPONSE TO EXERCISE: FROM
       PHYSIOLOGY TO PATHOLOGY (Invited Lecture)
       E. Bossone, F. Ferrara, R. Citro
       Cava de Tirreni & Amalfi Coast Hospital, Amalfi Coast, Italy

17:15 NEURAL MECHANISMS OF HYPERTENSION: FROM THE VIEW OF
       THE CENTRAL NERVOUS SYSTEM (Invited Lecture)
       Y. Hirooka, Kyushu University Graduate School of Medical Sciences, Fukuoka,
       Japan

17:30 CHRONIC THROMBO-EMBOLIC PULMONARY HYPERTENSION:
       EVALUATION AND TREATMENT (Invited Lecture)  115
       O. Ben-Yehuda, University of California, San Diego, CA, USA

17:45 ENDOTHELIAL PROGENITOR CELLS: ROLE IN VASCULAR BIOLOGY
       AND IMPLICATIONS OF THE RENIN-ANGIOTENSIN SYSTEM (Invited Lecture)
       S. Wassmann, Lady Davis Institute and Jewish General Hospital, Montreal, Canada

18:00 INFRAPOPLITEAL INTERVENTION FOR LIMB SALVAGE (Invited Lecture)  117
O. Kawarada, Stanford University Medical Center, Stanford, CA, USA

18:15 THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE IN HIV PATIENTS  118
N. Gupta, C. Lau, R. Parikh, I. Gupta, S. Bajaj, A. Agarwal, W. Dhillon,
A. Al-dehneh, M. Lange, M. Bikkina, Saint Joseph Regional Medical Center,
Paterson, NJ, USA

18:30 HYPOTENSIVE RESPONSES TO THE ALPHA2-ADRENERGIC AGONISTS
       ARE ENHANCED AND ACCOMPANIED BY INCREASED G PROTEIN
       COUPLING IN SPINOPHILIN NULL MICE  119
University of Alabama at Birmingham, Birmingham, AL, USA
SUNDAY, JULY 25, 2010

16:45 – 19:30  Hall C

S25  Session
VASCULAR BIOLOGY, BASIC RESEARCH

Chairpersons:  
S. Dalla-Volta, Padova, Italy  
T. Malinski, Athens, OH, USA

Abstract No.

16:45  CELL SURFACE GRP78 CONTRIBUTES TO THE DEVELOPMENT AND PROGRESSION OF ATHEROTHROMBOSIS  
McMaster University and St. Joseph's Healthcare, Hamilton, Ontario, Canada, Duke University, Durham, NC, USA

17:00  CYTOKINE SIGNALING AND THE REGULATION OF MACROPHAGE GENE EXPRESSION AND FOAM CELL FORMATION  
J.E. McLaren, N. Li, R. Salter, D. Michael, T. Ashlin, D.P. Ramji  
Cardiff University, Cardiff, UK

17:15  HEME-ARGINATE ENHANCES ATRIAL NATRIURETIC PEPTIDE AND ADIPONECTIN, BUT DEPLETED ENDOTHELIN-1 WITH REDUCTION OF KIDNEY LESIONS IN MINERALOCORTICOID-INDUCED HYPERTENSION  
J.F. Ndisang, A. Jadhav  
University of Saskatchewan College of Medicine, Dept of Physiology, Saskatoon, Saskatchewan, Canada

17:30  GLUCOSAMINE REDUCE ATHEROSCLEROTIC BURDEN IN APOPROTEIN E KNOCK-OUT MICE  
S-W. Jeong, D-E. Kim, W-K. Kim, Dongguk University, Goyang City, South Korea

17:45  GAMBOGIC ACID INHIBITS ADHESION MOLECULE EXPRESSION AND NF-κB ACTIVATION IN HUMAN AORTIC ENDOTHELIAL CELLS  
W-J. Zhang, C. Li, J. Ding, B. Frei, Oregon State University, Corvallis, OR, USA

18:00  VASCULAR REMODELING IN TRANSGENIC MICE WITH CRE RECOMBINASE UNDER THE CONTROL OF THE PDGFRB PROMOTER  
A.S. Cuttler, R.J. LeClair, D. Venkatesh, Q. Wang, C.M. Sorenson, L. Liaw, V. Lindner, Maine Medical Center Research Institute, Scarborough, ME, USA

18:15  TEN-YEAR CLINICAL FOLLOW-UP RESULTS OF INTRACORONARY RADIATION THERAPY USING RHENIUM-188-DTPA-FILLED BALLOON SYSTEM  
Seoul National University College of Medicine, Seoul, Korea

18:30  THE SUPPLEMENTATION OF CYANIN-3-O-GLUCOSIDE PROMOTES MACROPHAGE REVERSE CHOLESTEROL TRANSPORT IN C57BL/6J MICE  
W-H. Ling, D-L. Wang, Z-W. Zhang, Wenhua Ling Sun Yat-sen University, Guangzhou, China

18:45  ASSOCIATION OF PLASMA THROMBIN-ACTIVATABLE FIBRINOLYSIS INHIBITOR ACTIVITY WITH THE OCCURRENCE, SEVERITY AND EXTENT OF THE DISEASE, AND WITH PLASMA C-REACTIVE PROTEIN AND FIBRINOGEN LEVELS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE  
I. Konukcu, M.N. Akkus, S. Seyis, I.T. Ozcan, D. Cicek, V.G. Cin  
Mersin University School of Medicine, Mersin, Turkey
19:00  ANTI-PHOSPHATIDYL SERINE AUTOANTIBODY EXPRESSION AS A POTENTIAL BIOMARKER FOR PATIENTS WITH PREMATURE CORONARY EVENTS WITH ANTI-PHOSPHOLIPID SYNDROME
H.Y. Ali, Z.A. Abdullah, Technical & Health Institute, Zakho, Zakho-Kurdistan Region, Iraq

19:15  ALTERATION OF REDOX-MEDIATED VASCULAR THROMBOSIS WITH A NOVEL DERIVATIVE OF ASTAXANTHIN
Cardax Pharmaceuticals, Inc., Aiea, HI, USA
SUNDAY, JULY 25, 2010

16:45 – 19:00  Hall D

S26 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE/ PULMONARY CIRCULATION AND RENAL ASPECTS

Chairpersons:  
K.A. Adarsh, Amritsar, India  
B.I. Jugdutt, Edmonton, AL, Canada

Abstract No.

16:45  INCIDENCE OF MYOCARDITIS IN PATIENTS WITH DIABETIC CARDIOMYOPATHY  
C. Chimenti, C. Centurion, P. Severino, R. Verardo, F. Toscano, F. Fedele  
La Sapienza University, Rome, Italy

17:15  ECHOCARDIOGRAPHIC FEATURES OF ACUTE CARDIORENAL SYNDROME IN PATIENTS WITH ADVANCED HEART FAILURE  
S. Dadfamaye, E. Alhaj, R.L. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA

17:30  DISTINCT TRAJECTORIES OF FATIGUE IN CHRONIC HEART FAILURE AND THEIR ASSOCIATION WITH PROGNOSIS  
O.R.F. Smith, N. Kupper, P. De Jonge, J. Denollet  
Tilburg University, Tilburg, The Netherlands and University of Bergen, Bergen, Norway

17:45  THE ROLE OF ANGIOTENSIN ON MITOCHONDRIAL ATP PRODUCTION AND THE EFFECT OF ANGIOTENSIN ON ADRIAMYCIN-INDUCED CARDIOMYOPATHY  
N. Dursun, E. Taskin, M.B. Yerer Aycan, K. Ozdogan, E. Kunduz  
University of Erciyes, Kayseri, Turkey

18:00  PREDICTING EFFECTS OF EXERCISE TRAINING IN PATIENTS WITH HEART FAILURE SECONDARY TO ISCHEMIC OR IDIOPATHIC DILATED CARDIOMYOPATHY  
Maxima Medical Centre, Veldhoven, The Netherlands

18:15  EFFICACY AND SAFETY OF CARPERITIDE FOR ACUTE HEART FAILURE: A MULTICENTER RANDOMIZED CONTROLLED DOSE-FINDING STUDY  
G. Wang, W. Liu, J. Zhang  
Fu Wai Hospital and Chinese Academy of Medical Sciences, China

18:30  FRACTIONAL EXCRETION OF SODIUM (FENA) AND WORSENING RENAL FUNCTION IN HEART FAILURE (HF) EXACERBATION  
F.T. Alattar, N. Imran, V.A. DeBari, K.N. Mallah, F.E. Shamoos  
Trinitas Regional Medical Center, Elizabeth, NJ, USA

18:45  MOLECULAR HETEROGENEITY OF NATRIURETIC PEPTIDES: EFFECTS ON DIAGNOSTIC RESULTS  
# SUNDAY, JULY 25, 2010

## 13:30 – 18:30  Poster Hall

### P200 Poster Session  
**PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION**

<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>1</td>
<td>140</td>
<td>PLASMIN INDUCES ENDOTHELIUM-DEPENDENT RELAXATION IN THE PORCINE CORONARY ARTERY</td>
<td>T. Fujiyoshi, K. Hirano, H. Kanaide</td>
<td>National Kyushu Medical Center, Japan</td>
</tr>
<tr>
<td>2</td>
<td>483</td>
<td>PRODRUGS OF ASTAXANTHIN FOR INFLAMMATORY MANIFESTATIONS OF OXIDATIVE STRESS IN CARDIOVASCULAR DISEASE</td>
<td>F.J. Pashkow, H.P. McNulty, R.P. Mason, S.F. Lockwood, G.J. Gross, D.A. Lauer, E.M. Driscoll, B.R. Lucchesi, G.M. Rishton</td>
<td>Cardax Pharmaceuticals, Inc., Aiea, John A Burns School of Medicine, Honolulu, HI, USA</td>
</tr>
</tbody>
</table>

### P201 Poster Session  
**CONTRAST ECHOCARDIOGRAPHY**

<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>3</td>
<td>141</td>
<td>RELIABLE MYOCARDIA CONTRAST ECHOCARDIOGRAPHY BY USING VALUES OF INTENSITY DIFFERENCE</td>
<td>R. Kakihara, C. Naruse, H. Hironaka, T. Tsuzuku</td>
<td>Kakihara Clinic, Toyohashi, Aichi, Japan</td>
</tr>
</tbody>
</table>

### P202 Poster Session  
**STRESS ECHOCARDIOGRAPHY**

<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>4</td>
<td>142</td>
<td>ATRIAL FIBRILLATION DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY: PATIENT CHARACTERISTICS AND OUTCOMES</td>
<td>Y. Acharya, J. Bhattarai, K. Cope, A. Qureshi, J. Shirani</td>
<td>Geisinger Medical Center, Danville, PA, USA</td>
</tr>
<tr>
<td>5</td>
<td>143</td>
<td>VALUE OF COMBINING LEFT ATRIAL SIZE AND E/E' INDEX DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY</td>
<td>S. Enar, L. Sarac, Turkiye Hospital, Istanbul, Turkey</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>144</td>
<td>QUANTITATIVE EXERCISE STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK</td>
<td>P. Kozlov, M. Prokudina, E. Malev, E. Shilyakhto, Federal Center of Heart, Blood and Endocrinology named V.A. Almazov, St. Petersburg, Russia</td>
<td></td>
</tr>
</tbody>
</table>

### P203 Poster Session  
**TISSUE DOPPLER IMAGING**

<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>7</td>
<td>145</td>
<td>DIAGNOSTIC ACCURACY OF EXERCISE ECHOCARDIOGRAPHY WITH VISUAL ESTIMATION AND TISSUE DOPPLER IMAGING</td>
<td>M. Prokudina, E. Malev, P. Kozlov, E. Klokova, N. Tsai, I. Konstantinov, E. Shilyakhto, Federal Center of Heart, Blood and Endocrinology, St.Petersburg, Russia</td>
<td></td>
</tr>
</tbody>
</table>
Board No.          Abstract No.

P204  Poster Session
THE PLAQUE AND ACUTE CORONARY SYNDROMES

8  IMPACT OF EPICARDIAL FAT ON THE COMPONENTS OF ATEROMATOUS PLAQUE OF CORONARY ARTERY IN PATIENTS WITH ANGINA
J-H. Shin, J-S. Park, S-Y. Choi, H-M. Yang, H-S. Lim, B-J. Choi, M-H. Yoon, G-S. Hwang, S-J. Tahk, Ajou University Hospital, Suwon, South Korea

9  SNOW-SHOVELING AND THE RISK OF ACUTE CORONARY SYNDROMES
R.B. Nichols, W.F. McIntyre, S. Chan, D. Scogstad-Stubbs, W. M.Hopman, A. Baranchuk, Queen's University, Kingston, ON, Canada

10 SMOKING-RELATED LOW HDL-C LEVEL AND REGRESSION OF CORONARY Atherosclerosis DURING STATIN THERAPY
J. Ando, M. Takahashi, D. Sawaki, H. Iwata, H. Fujita, Y. Hirata, R. Nagai, T. Kimura, H. Daida, M. Matsuzaki, The University of Tokyo Hospital, Tokyo,

11 PRESENTATION AND OUTCOMES OF HISPANIC WOMEN WITH ACUTE CORONARY SYNDROME
P.G. Pina Peguero, K. Jacobs, P. Eryazici, A. Volgman, M.C. Karam Demori
John H. Stroger Hospital of Cook County, Chicago, IL, USA

12 PROGNOSTIC VARIABLES IN LOCALLY NON STEMI AND ITS COMPARISON WITH PROPOSED BY THE GUIDES SCORES

13 TRIMETAZIDINE IN ACUTE MYOCARDIAL INFARCTION: THE INFLUENCE ON ISCHEMIC AND ECHOCARDIOGRAPHIC PARAMETERS
H.G. Hayrapetyan, P.S. Karakhanyan, S.S. Martirosyan, Erebouni MC, Armenia

14 INFLUENCE OF ASSOCIATED RIGHT VENTRICULAR INFARCTION ON CLINICAL COURSE, PROGNOSIS, AND ERGOMETRIC PARAMETERS SICAL TOLERANCE IN PATIENTS WITH LEFT VENTRICULAR ST SEGMENT ELEVATED ACUTE MYOCARDIAL INFARCTION
H.G. Hayrapetyan, Erebouni MC, Yerevan, Armenia

P205  Poster Session
SECONDARY PREVENTION, PROGNOSIS RISK STRATIFICATION, CARDIAC REHAB

15 PREDICTION OF LENGTH OF STAY FOLLOWING PERCUTANEOUS CORONARY INTERVENTION
A. Negassa, E.S. Monrad, Albert Einstein College of Medicine, Bronx, NY, USA
P206  Poster Session
PRIMARY PREVENTION OF CORONARY ARTERY DISEASE/ RISK FACTORS FOR ATEROTHROMBOTIC DISEASE

16 A MULTI-CENTER PROSPECTIVE RANDOMIZED STUDY TO DETERMINE THE EFFECTS OF EXERCISE-MANAGED INTERVENTION: COMPARISON OF BASELINE DATA IN RURAL AND URBAN CENTERS

S. Shapiro, M. Stuckey, K. Sabourin, K. Draudt, K. Shoemaker, A. Fleischhauer, C. Munoz, R. Petrella,
Aging, Rehabilitation, and Geriatric Care Research Centre, ON, Canada

17 BODY IMAGE DISSATISFACTION AND BARRIERS TO WEIGHT LOSS AMONG OVERWEIGHT AND OBESE WOMEN

J. Decolongon, J.K. Rodriguez, E.G.V. Giardina
Center for Women's Health Columbia University Medical Center, New York, NY, USA

18 EFFECTS OF ACUTE LOW DIET AND HIGH VOLUME EXERCISE ON ANTHROPOMETRIC INDEXES IN OBESE ADULTS

C.K.C. Sa, R.M. Galdino, M.C.C. Tenorio, A.M. Mendonca
Universidade Estadual de Feira de Santana, Feira de Santana, Brazil

19 ANTHROPOMETRIC INDICATORS OF CENTRAL OBESITY IN PREDICTING HIGH CORONARY RISK IN BRAZILIAN WOMEN

Universidade Estadual de Feira de Santana, Feira de Santana, Bahia, Brazil

20 PHYSICAL ACTIVITY AND REMOTE BLOOD PRESSURE MONITORING TO REDUCE THE RISK OF CARDIOVASCULAR DISEASE IN A RURAL POPULATION

M.I. Stuckey, E. Russell-Minda, R. Fulkerson, E. Read, C. Munoz, R.J. Petrella, The University of Western Ontario, School of Kinesiology, ON, Canada

21 EFFECT OF OPIUM ADDICTION ON NUTRITIONAL PATTERN OF PATIENTS WITH CARDIOVASCULAR DISEASES

H. Derakhshanian, M. Zabihi, A. Amin, M. Maleki
Tehran University, Tehran, Iran

P207  Poster Session
LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC CARDIOMYOPATHY

22 COLLEGIATE FOOTBALL LINEMEN HAVE LARGER CARDIAC SIZE RELATIVE TO BODY SIZE COMPARED WITH OTHER FOOTBALL POSITIONS

J. Sadik, M.J. Lipinski, V.F. Froelicher, Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA

23 AMP ACTIVATED PROTEIN KINASE-Á2 PROTECTS HEART FROM LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE

University of Minnesota, Minneapolis, MN, USA
13:30 – 18:30  Poster Hall

Board No.          Abstract No.
24  EFFECT OF SPIRONOLACTONE, TELMISARTAN AND THEIR COMBINATION ON ISOPRENALINE INDUCED CARDIAC HYPERTROPHY
     B.R. Goyal, R.K. Goyal, A.A. Mehta, Institute of Pharmacy-Nirma University, Ahmedabad, India

P208  Poster Session
PATHOPHYSIOLOGY OF HEART FAILURE
25  LEPTIN INDUCES INTERLEUKIN-18 VIA ENDOTHELIN-1-RHO/RHO-KINASE-PPAR/NF-KB PATHWAY IN CARDIOMYOCYTES
     T. Doi, T. Sakoda, T. Akagami, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi, Division of Coronary Heart Disease, Japan

P209  Poster Session
ELECTROPHYSIOLOGICAL TECHNIQUES OF MAPPING AND ABLATION
27  SPECTRUM OF FRACTIONATION IN THE LEFT ATRIUM DURING ATRIAL FIBRILLATION
     G. Monir, S. Pollak, Florida Hospital, Orlando, Florida, USA

P210  Poster Session
PRACTICE GUIDELINES/ COST CONTAINMENT
29  SEASONAL AND INFLUENZA A (H1N1) VACCINATION COVERAGE AMONG ADULTS WITH HEART DISEASE, UNITED STATES, 2009-2010 SEASON
     A. Gonzalez-Feliciano, N. Keenan, G. Euler
     Science Applications International Corporation, Centers for Disease Control and Prevention, Atlanta, GA, USA

30  EVIDENCE BASED USE OF THE ESE - DOES IT ADD TO A NEGATIVE ETT?
     J. Southard, S. Schaefer, University of California, Davis, CA, USA

31  CLINICAL PRACTICE GUIDELINES: AMIODARONE FOR ATRIAL FIBRILLATION FOLLOWING CARDIAC SURGERY
     U. Khandera, P.C. Walker, D. Wagner, University of Michigan Hospitals and College of Pharmacy, Ann Arbor, MI, USA

32  DAY CASE PERCUTANEOUS CORONARY INTERVENTION IN SELECTED PATIENTS – A PILOT STUDY IN NORTHERN IRELAND
     Cardiology Department, Belfast Health and Social Care Trust, Belfast, UK
SUNDAY, JULY 25, 2010

13:30 – 18:30  Poster Hall

Board No.          Abstract No.
33  PREVALENCE OF USE OF ADVANCE DIRECTIVES, HEALTH CARE PROXY, LEGAL GUARDIAN, AND LIVING WILL IN 512 PATIENTS HOSPITALIZED IN A CARDIAC CARE UNIT IN 2 COMMUNITY HOSPITALS
B. Bhushan, A. Kumar, W.S. Aronow, M. Alexa, R. Gothwal, S. Jesmajian, P. Gaba, J. Catevenis, Prince George's Hospital Center, Cheverly, MD, USA

P211 Poster Session
COMPUTERS IN CARDIOLOGY

34  PARTIALLY EXTRACTED DEFIBRILLATOR COILS AND PACING LEADS ALTER DEFIBRILLATION THRESHOLDS
T.A. Pilcher, J.D. Stinstra, J.G. Tate, E.V. Saarel, M.D. Puchalski, R.S. MacLeod, University of Utah, Salt Lake City, UT, USA

35  ATRIAL FIBRILLATION REMOTE MONITORING USING A HAND-HELD WIRELESS REMOTE MONITOR

36  HOW ACCURATE IS REAL TIME LEFT VENTRICULAR VOLUME ESTIMATION FROM 2D ECHO USING AUTOMATED BORDER DETECTION SOFTWARE?
J.A. Karl, S. Ghosh, D. Spevack, Y. Goldberg
Montefiore Medical Center, New York, NY, USA

37  CLINICAL UTILITY OF CARDIOBIP IN REMOTE DETECTION OF 12-LEAD ECGS IN PATIENTS WITH EXERCISE-INDUCED ISCHEMIA
S. George, V. Vukcevic, B. Bojovic, I. Gussak, V. Giga, I. Stankovic
NewCardio, Inc., Santa Clara, CA, USA

38  NONINVASIVE ANALYSIS OF STROKE VOLUME VARIABILITY BY RECORDING OF CARDIAC MECHANICAL VIBRATIONS ON THE CHEST
K. Tavakolian, A.P. Blaber, H.K. Symonds, A. Akhbardeh, W. Lee, B. Kaminska, Simon Fraser University, Burnaby, BC, Canada
INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

VANCOUVER, BC, CANADA, JULY 24 – 27, 2010

SCIENTIFIC PROGRAM
Monday, July 26, 2010
MONDAY, JULY 26, 2010

08:30 – 10:15  Hall A

PL: 07  Plenary Session
ADVANCES IN THE TREATMENT OF ANEURYSM / THORACIC AORTIC PATHOLOGY

Abstract No.

08:30  ASSESSMENT OF VASCULAR FUNCTION IN PAEDIATRIC CARDIOLOGY: AN IMPORTANT EMERGING CLINICAL AREA (Invited Lecture)
G. Sandor, University of British Columbia, Vancouver, BC, Canada

08:45  MANAGEMENT OF CARDIOVASCULAR DISEASE IN TURNER SYNDROME (Invited Lecture)
A.T. Yetman, Primary Children's Medical Center, Salt Lake City, UT, USA

09:00  RECENT ADVANCES IN THE TREATMENT OF ABDOMINAL AORTIC ANEURYSM: ROLE OF PHOTOTHERAPY (Invited Lecture)
S.D. Gertz, C. Rubinstein, A. Bulut, Y. Berlatzky, R. Beeri, D. Gilon
The Hebrew University -Hadassah Medical School, Jerusalem, Israel

09:15  CONCURRENT INTRACRANIAL AND THORACIC AORTIC ANEURYSMS (Invited Lecture)
G.A. Kuzmik, M. Feldman, M. Tranquilli, J.A. Rizzo, M. Johnson,
J. Elefteriades, Yale University School of Medicine, New Haven, CT, USA

09:30  UPDATE ON MECHANISMS, MARKERS AND NON-SURGICAL THERAPIES FOR AORTIC ANEURYSM (Invited Lecture)
J. Golledge, James Cook University, School of Medicine, Queensland, Australia

09:45  MAST CELL PROTEASES CONTRIBUTE TO ABDOMINAL AORTIC ANEURYSM FORMATION IN MICE (Invited Lecture)
G-P. Shi, Brigham and Women's Hospital, Boston, MA, USA

10:00  COMBINED SURGERY OF ACUTE TYPE A AORTIC DISSECTIONS BY ASCENDING AORTA REPLACEMENT AND BARE STENT
B. Leobon, D. Roux, S. Saccani, Y. Glock, G. Fournial
Department of Cardiovascular Surgery B, CHU De Rangueil, Toulouse, France

10:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 26, 2010

08:30 – 10:45  Hall B

PL: 08  Plenary Session
PATHOGENESIS OF ATHEROSCLEROSIS

Chairpersons:  M. Aikawa, Boston, MA, USA
M. Takahashi, Tochigi, Japan

Abstract No.

08:30  DEDUCING THE MECHANISM OF DISEASES THROUGH EXPERIMENTAL THERAPY (Invited Lecture)
M. Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

08:45  ROLE OF INFLAMMASOME IN CARDIOVASCULAR DISEASES (Invited Lecture)
M. Takahashi, Jichi Medical University, Tochigi, Japan

09:00  NOVEL MECHANISMS OF MACROPHAGE ACTIVATION AND CARDIOMETABOLIC DISORDERS (Invited Lecture)
M. Aikawa, Brigham and Women's Hospital, Boston, MA, USA

09:15  DEFICIENCY OF TDAG51 IN APOE-DEFICIENT MICE REDUCES AHEROSGENESIS (Invited Lecture)
G.S. Hossain, J. Zhou, E. Lynn, K. Maclean, B. Trigatti, S. Lhotak, D. Tang, J. Dickhout, R.C. Austin, McMaster University, Hamilton, Ontario, Canada

09:30  THE ROLE OF DNA DAMAGE RESPONSE IN ATHEROSCLEROSIS AND VASCULAR SMOOTH MUSCLE CELL APOPTOSIS (Invited Lecture)
T. Ishida, Hiroshima University Graduate School of Biomedical Sciences, Hiroshima, Japan

09:45  MODULATION OF THE ATHEROSCLEROTIC PLAQUE BY SHEAR STRESS (Invited Lecture)
S. Lehoux, Lady Davis Institute McGill University, Montreal, QC, Canada

10:00  IS APOB100 INNOCENT IN ATHEROSCLEROSIS? IDENTIFICATION OF AN APOB100 DERIVED CHEMOTACTIC PePTIDE FOR HUMAN INFLAMMATORY CELLS (Invited Lecture)

10:15  THE ROLE OF PLASMACYTOID DENDRITIC CELLS IN PLAQUE DESTABILIZATION (Invited Lecture)
A. Niessner, Medical University of Vienna, Austria

10:30  C-REACTIVE PROTEIN MEDIATED VASCULAR INJURY REQUIRES COMPLEMENT
A.J. Szalai, M.A. McCrory, F.G. Hage, S. Oparil, D. Xing, Y.F. Chen
The University of Alabama at Birmingham, Birmingham, AL, USA

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S27 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairpersons:  
E. Aikawa, Boston, MA, USA  
Y. Seino, Inzai, Chiba, Japan

Abstract No.

08:30 REGADENOSON INDUCES COMPARABLE LEFT VENTRICULAR PERFUSION DEFECTS AS ADENOSINE: A QUANTITATIVE ANALYSIS FROM THE ADVANCE MPI 2 TRIAL  
Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

08:45 MYOCARDIAL PERFORMANCE INDEX BY TISSUE DOPPLER IMAGING M-MODE PREDICTS MORTALITY IN THE GENERAL POPULATION  
R. Mogelvang, T. Biering-Sorensen, S. Haahr-Pedersen, P. Schnohr, P. Sogaard, J.S. Jensen, Holbaek University Hospital, Holbaek, Denmark

09:00 SAFETY OF REGADENOSON IN CHRONIC KIDNEY DISEASE PATIENTS  
K. Ananthasubramaniam, G. Palani, Z. Husain, A. Karthikeyan, V. Karthikeyan  
Henry Ford Hospital, Detroit, MI, USA

09:15 LAMBL’S EXCRESCENCES IN A COMMUNITY POPULATION VERSUS REFERRAL POPULATION: DO THEY INCUR A RISK OF EMBOLIC EVENTS?  
M.J. Ansari, C. Shub, M. Grogan, W.D. Edwards, I. Meissner, B. Khandheria, K.W. Klarich, University Hospitals, Case Medical Center, Cleveland, OH, USA

09:30 DISCOVERY OF ISCHEMIA BY MULTIPLE VARIABLES  
J.C. Maganis, D.A. Drimmer, F.B. Rojo, R.H.S. Selvester, M.H. Ellestad  
Long Beach Memorial Medical Center, Long Beach, USA

09:45 STUDY EVALUATING THE APPROPRIATENESS OF THE PUBLISHED APPROPRIATENESS CRITERIA FOR ORDERING PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MYOCARDIAL PERFUSION IMAGING  
R. Ramaraj, E. Panczyk, T.K. Walsh, M. Pack  
University of Arizona, Tucson, AZ, USA

10:00 ROBOTIC-ASSISTED Locomotion Training Improves left Ventricle Diastolic Function and Endothelial Dysfunction in Patients with Lost Sensorimotor Function: An Echocardiographic Study  
S. Sitia, L. Tomasoni, I. Bo, L. Gianturco, V. Magagnin, E. Ciaiani, M. Turri  
Cardiology Unit, Department of Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy

10:15 QTC Prolongation During Vasodilator Nuclear Stress Test (NST) and its Association With Abnormal Scan and All Cause Mortality in an Inner-City Hospital  
N.C. Bhalodkar, M. Atoui, R. Alvi, A. Gardezi, U. Khan, N. Paladugu, S. Blum  
Bronx-Lebanon Hospital Center, Bronx, NY, USA; Affiliated with Albert Einstein College of Medicine

10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
### MONDAY, JULY 26, 2010

**08:30 – 11:00**  
**Hall D**

#### S28 Session  
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

**Chairpersons:**  
R. Krittayaphong, Thailand  
R. Manfredini, Lagosanto, Italy

---

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>NATIONAL SERVICE FRAMEWORK FOR CORONARY HEART DISEASE IN ENGLAND: 10 YEARS OF IMPLEMENTATION</td>
<td>H. Swanton, R. Boyle</td>
<td>The Heart Hospital, London, UK</td>
</tr>
<tr>
<td>08:45</td>
<td>PREVALENCE AND MANAGEMENT OF CARDIOVASCULAR DISEASE RISK FACTORS IN VON WILLEBRAND DISEASE PATIENTS</td>
<td>M.Y. Lim, A. Eckeraman, K. Schmidt, R. Pruthi</td>
<td>Department of Internal Medicine, Mayo Clinic, Rochester, MN, USA</td>
</tr>
<tr>
<td>09:00</td>
<td>THE EFFECT OF CORONARY ARTERY DISEASE ON THE HEART RATE RESPONSE DURING A VALSALVA MANEUVER</td>
<td>S.A. Atapattu, G. Robalino, A. Badiye, C. Marin, E. de Marchena</td>
<td>University of Miami, Miami, FL, USA</td>
</tr>
<tr>
<td>09:15</td>
<td>DEPRESSION SUBTYPES, INFLAMMATION, AND NEW CORONARY HEART DISEASE (CHD) EVENTS IN PATIENTS WITH KNOWN CHD</td>
<td>J.A. Shaffer, K.W. Davidson, D. Shimbo, Columbia University Medical Center, New York, NY, USA</td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td>THE TRIGLYCERIDE BUT NOT THE ChOLESTEROL CONTENT OF HDL IS ASSOCIATED WITH SIGNS AND SYMPTOMS OF STATIN INTOLERANCE</td>
<td>T. Bouhali, K. Tremblay, M. Santure, J. Methot, L. Bouchard, D. Brisson, D. Gaudet</td>
<td>Ecgene-21, Universite de Montreal, Chicoutimi, QC, Canada</td>
</tr>
<tr>
<td>09:45</td>
<td>EFFECT OF INTENSIVE LIFESTYLE CHANGES ON ENDOTHELIAL FUNCTION AND ON INFLAMMATORY MARKERS OF ATHEROSCLEROSIS</td>
<td>H.S. Dod, R. Bhardwaj, V. Sajja, G. Weidner, G. Hobbs, N.C. Nanda, B.E. Warden, R.J. Beto, D. Ornish, A.C. Jain, WVUH Morgantown, WV, USA</td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>STABLE NUCLEIC ACID LIPID PARTICLE MEDIATED GENE SILENCING AMELIORATES ATHEROGENIC HYPERLIPIDEMIA IN MICE</td>
<td>M.L.E. MacDonald, J. Kaldestad, K. McClintock, A. Dhillon, M.L. Eisenhardt, C. Kwok, D. Le, J.R. Phelps, I. MacLachlan, A.C.H. Lee</td>
<td>Tekmira Pharmaceuticals Corporation, Burnaby, BC, Canada</td>
</tr>
<tr>
<td>10:15</td>
<td>PARADOXICAL SYSTOLIC BLOOD PRESSURE INCREASE AFTER GRADED EXERCISE PREDICTS SEVERE CORONARY ARTERY DISEASE AND ALL-CAUSE MORTALITY</td>
<td>T.C. Su, M.F. Chen, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>STATINS DO NOT AFFECT LDL AND HDL SUBFRACTIONS AND THEIR PARTICLE SIZES AMONG ASIAN INDIANS</td>
<td>N.C. Bhalodkar, J. Loganathan, A. Mehta, D. Purwaha, S. Blum</td>
<td>Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, NY, USA</td>
</tr>
</tbody>
</table>
10:45  EFFECT OF LOW DENSITY LIPOPROTEIN AHERESIS ON PLASMA LEVELS OF APOLIPORTEIN E4

P.M. Moriarty, J.P. Luyendyk, C.A. Gibson, J.M. Backes
University of Kansas, Kansas City, KS, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL: 09  Plenary Session  
INSIGHTS INTO THE MECHANISM AND MANAGEMENT OF ATRIAL FIBRILLATION / STROKE PREVENTION

Chairpersons:  
D. Dobrev, Dresden, Germany  
A. Ducharme, Quebec, Canada

Abstract No.

10:45  
CALCIUM/CALMODULIN KINASE, DYSFUNCTIONAL SARCOPLASMIC RETICULUM, AND ATRIAL FIBRILLATION (Invited Lecture)  
D. Dobrev, Dresden University of Technology, Dresden, Germany

11:00  
CARDIAC CONSEQUENCES OF ALTERED SIGNAL TRANSDUCTION IN ATRIAL FIBRILLATION (Invited Lecture)  
A. Goette, St. Vincenz-Hospital, Paderborn, Germany

11:15  
MRI FOR AF MANAGEMENT: STAGING AF AND BEYOND (Invited Lecture)  
N. Marrouche, M. Daccarett, N. Akoum, T.J. Badger, N.S. Burgon, G. Cergara, E. Khomlovski, C.J. McGann, D. Parker, R.S. MacLeod University of Utah Health Sciences Center, Salt Lake City, UT, USA

11:30  
LEFT ATRIAL APPENDAGE OCCLUSION (Invited Lecture)  
H. Sievert, J. Wiebe, S. Bertog, N. Wunderlich  
Cardiovascular Center Frankfurt, Germany

11:45  
NEW DEVELOPMENTS IN ANTICOAGULATION IN ATRIAL FIBRILLATION (Invited Lecture)  
A. Martinez-Rubio, Hospital de Sabadell, Barcelona, Spain

12:00  
TELEMEDICINE FOR DIAGNOSING AND MANAGING PAROXYSMAL ATRIAL FIBRILLATION IN OUTPATIENTS: THE PHONE, NOT THE PILL, IN THE POCKET (Invited Lecture)  
A. Roth, J. Shacham, E.Y. Birati, N. Malov, Y. Yanay, D.M. Steinberg, M. Tamari, M. Golovner, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel

12:15  
THE EMERGING USE OF CRYOABLATION FOR THE TREATMENT OF ATRIAL FIBRILLATION (Invited Lecture)  
P.G. Guerra, Montreal Heart Institute, Canada

12:30  
CARDIAC REMODELING WITH RHYTHM VERSUS RATE CONTROL STRATEGIES FOR ATRIAL FIBRILLATION IN PATIENTS WITH HEART FAILURE: INSIGHTS FROM THE AF-CHF ECHOCARDIOGRAPHIC SUB-STUDY (Invited Lecture)  
A. Ducharme, Montreal Heart Institute, Quebec, Canada

12:45  
ABLATION OF ATRIAL FIBRILLATION USING A NOVEL UNI- AND BIPOLAR RADIOFREQUENCY ENERGY ABLATION SYSTEM (Invited Lecture)  
T. Denke, K. Buenz, A. Bastian, R. Haberkorn, M. Paessler, H. Anders, M. Horlitz, M. Horlitz, P.H. Grewe, D.I. Shin, University of Bochum, Germany

13:00  
CAVOTRICUSPID ISTHMUS CATHER ABLATION WITHOUT THE USE OF FLUOROSCOPY  
L. Tercedor, M. Alvarez, R.S. Galdeano, L. Munoz, F. Valverde, R. Penas, R. Melgares, University Hospital Virgen de las Nieves, Granada, Spain

13:15  
LUNCH BREAK, VISIT POSTERS AND EXHIBITION
PL: 10  Plenary Session

OXIDATIVE STRESS AND INFLAMMATION IN CARDIOVASCULAR DISEASE

Chairpersons:  D.D. Heistad, Iowa City, IA, USA
               K.A. Pritchard Jr., Milwaukee, WI, USA

Abstract No.

10:45  PATHOPHYSIOLOGY OF AORTIC STENOSIS: ROLE OF OXIDATIVE STRESS (Invited Lecture)
      University of Iowa College of Medicine, Iowa City, IA, USA

11:00  LOX-1 IN CARDIOVASCULAR DYSFUNCTION (Invited Lecture)
      T. Sawamura, National Cardiovascular Center Research Institute, Suita, Osaka, Japan

11:15  REGULATION OF NAD(P)H OXIDASE BY HEMODYNAMIC FORCES: IMPACT ON ARTERIOSCLEROSIS (Invited Lecture)
      H. Morawietz, Dresden University of Technology, Dresden, Germany

11:30  NOVEL MYELOPEROXIDASE INHIBITORS INHIBIT LDL OXIDATION AND IMPROVE VASODILATATION (Invited Lecture)

11:45  CRP AND CARDIOVASCULAR DISEASE: USE IN CLINICAL PRACTICE? (Invited Lecture)
      B.G. Nordestgaard, Copenhagen University, Denmark

12:00  HSP60, INFLAMMATION AND CARDIOVASCULAR DISEASE (Invited Lecture)
      A.A. Knowlton, University of California, Davis, CA, USA

12:15  SIGNAL TRANSDUCTION PATHWAYS IMPLICATED IN THE DEVELOPMENT OF ATHEROSCLEROSIS (Invited Lecture)
      S. Amar, Boston University, Boston, MA, USA

12:30  THE ALTERATION OF THE BIOENERGETIC PATHWAY AGGRAVATES ATHEROSCLEROSIS IN PARAOXONASE-2 DEFICIENCY MICE
      The University of Texas Southwestern Medical Center, Dallas, TX, USA

12:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S29 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF CARDIOMYOPATHIES

Chairperson: R.K. Goyal, Gujarat, India

10:45 – 12:15

10:45 RISK FACTORS FOR TOTAL HEART BLOCK AFTER TRANSCORONARY ABLATION OF SEPTAL HYPERTROPHY
T. Lawrenz, M. Schloesser, M. Bartelsmeier, C. Leuner, C. Strunk-Mueller, D. Meyer zu Vilsendorf, H. Kuhn, C. Stellbrink, Klinikum Bielefeld-Mitte, Bielefeld, Germany

11:00 EARLY DYSTROPHIN DISRUPTION IN THE PATHOGENESIS OF EXPERIMENTAL CHRONIC CHAGAS CARDIOMYOPATHY
C.M. Prado, M.R.N. Celes, L.M. Malvestio, E.C. Campos, L.A. Jelicks, H.B. Tanowitz, M.A. Rossi, Faculty of Medicine of Ribeirao Preto, USP, Brazil

11:15 A SERVO-CONTROLLED CANINE MODEL OF STABLE SEVERE ISCHEMIC LEFT VENTRICULAR FAILURE
R.L. Wagner, W.B. Hood, Jr., P.A. Howland, Harvard University, Boston, MA, USA

11:30 OCCULT ENDOCARDIAL THROMBOSIS IN IDIOPATHIC LEFT VENTRICULAR DYSFUNCTION
A. Frustaci, P. Severino, E. Canali, C. Centurion, M. Mancone, R. Verardo, F. Fedele, C. Chimenti, La Sapienza University, Rome, Italy

11:45 EFFECT OF WEIGHT LOSS ON VENTRICULAR REPOLARIZATION IN MORBIDLY OBESE PATIENTS
R. Mukerji, M.A. Alpert, University of Missouri Health Sciences Center, Columbia, MO, USA

12:00 EFFECT OF ADAPTIVE SERVO VENTILATOR ON CARDIAC FUNCTION IN NORMAL AND HEART DISEASE SUBJECTS

12:15 SUPPRESSION OF MYOCARDIAL HYPERTROPHY BY PHOSPHODIESTERASE–5 INHIBITORS: THE ROLE OF CALCINEURIN AND P 38 MAPK
S.Y. Khatib, A. Zeidan, M. Al-Jinabi, A. Badwan
Jordan University of Science and Technology, Irbid, Jordan

12:30 ACCURACY OF ECG CRITERIA FOR THE DIAGNOSIS OF LEFT VENTRICULAR HYPERTROPHY
R. Krittayaphong, V. Nomsawadi, M. Muenkaew, M. Miniphan
Siriraj Hospital, Bangkok, Thailand

12:45 COMPLICATIONS OF LOW-DOSE, ECHO-GUIDED ALCOHOL SEPTAL ABLATIONS FOR OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY
J. Veselka, D. Zemanek, P. Tomasov, S. Homolova, R. Adlova
CardioVascular Center, University Hospital Motol, Prague, Czech Republic
<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00</td>
<td>PREDICTORS OF LEFT VENTRICULAR MASS AMONG PREDOMINANTLY HISPANIC AND AFRICAN AMERICAN PATIENTS WITH DIABETES MELLITUS IN AN INNER CITY HOSPITAL</td>
<td>N.C. Bhalodkar, H. Chelimilla, A. Garg, L. Vicioso, S. Srikakarlapudi, A.M. Limaye, S. Blum, J.N. Bella, Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, Bronx, NY, USA</td>
</tr>
<tr>
<td>13:15</td>
<td>THE EFFECT OF ETHNICITY ON COMPUTERIZED ELECTROCARDIOGRAM MEASUREMENT OF COLLEGE ATHLETES</td>
<td>J. Sadik, M.G. Gademan, M.J. Lipinski, D. Sedehi, E.A. Ashley, V.F. Froelicher Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA</td>
</tr>
<tr>
<td>13:30</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
<td></td>
</tr>
</tbody>
</table>
### S30 Session
**ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT**

**Chairpersons:**
- G.L. Fung, San Francisco, CA, USA
- M. Yokota, Nagoya, Japan

#### Abstract No.

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45</td>
<td>IMPACT OF KIDNEY DISEASE AND BLOOD PRESSURE ON THE DEVELOPMENT OF CARDIOVASCULAR DISEASE: RESULTS FROM THE JAPAN ARTERIOSCLEROSIS LONGITUDINAL STUDY</td>
<td>T. Ninomiya, Y. Kiyohara, Y. Tokuda, Y. Doi, H. Arima, A. Harada, Y. Ohashi, H. Ueshima</td>
<td>Kyushu University, Fukuoka, Japan</td>
</tr>
<tr>
<td>11:00</td>
<td>RELATIONSHIP BETWEEN DEPRESSION AND C-REACTIVE PROTEIN LEVELS AND FIRST CORONARY HEART DISEASE EVENT</td>
<td>K.W. Davidson, J.A. Shaffer, J.E. Schwartz, S.A. Kirkland, E. Mostofsky, D. Fink, D. Guernsey, D. Schimbo</td>
<td>Department of Medicine, Columbia University Medical Center, NY, USA</td>
</tr>
<tr>
<td>11:15</td>
<td>CAROTID DIAMETER IMPROVES THE CAROTID IMT CAPACITY TO PREDICT CORONARY EVENTS: DATA FROM THE IMPROVE STUDY</td>
<td>D. Baldassarre, M. Amato, E. Tremoli, on behalf of the IMPROVE study group</td>
<td>Department of Pharmacological Sciences, University of Milan, Italy</td>
</tr>
<tr>
<td>11:30</td>
<td>MORTALITY AND MORBIDITY FROM CORONARY HEART DISEASE IN GERMANY ATTRIBUTABLE TO PASSIVE SMOKING</td>
<td>J. Heidrich, J. Wellmann, P. Heuschmann, U. Keil</td>
<td>University of Muenster, Germany, Charite Universitaetsmedizin Berlin, Germany</td>
</tr>
<tr>
<td>11:45</td>
<td>CAROTID INTIMA MEDIAL THICKNESS (CIMT) AND SMALL ARTERY ELASTICITY (C2) AS A POWERFUL TOOL FOR CARDIOVASCULAR DISEASE (CVD) RISK STRATIFICATION AS COMPARED WITH HIGH-SENSITIVITY C-REACTIVE PROTEIN (HCRP) REGARDLESS OF SEX</td>
<td>M. El Shahawy, M. Entcheva, J.N. Cohn</td>
<td>Sarasota Memorial Hospital, Sarasota, Fl, USA</td>
</tr>
<tr>
<td>12:00</td>
<td>HOUSEHOLD FOOD INSECURITY AND OCCURRENCE OF CARDIAC RISK FACTORS IN YOUNG: WHO IS AT RISK?</td>
<td>A. Bajaj, D.D. Ramdath, M. Moghadasian, P.K. Singal</td>
<td>St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, MB, Canada</td>
</tr>
<tr>
<td>12:15</td>
<td>AGGRESSIVE TREATMENT OF CARDIOVASCULAR RISK FACTORS RESULTS IN THE REDUCTION OF ATHEROSCLEROSIS GROWTH AS MEASURED BY CAROTID INTIMA MEDIA THICKNESS: EXPERIENCE FROM AN ATHEROSCLEROSIS PREVENTION CLINIC</td>
<td>D.M. Eldringhoff, J.M. Backes, J.F. Ruisinger, J.S. Dutton, B.J. Barnes, J.M. Belmont, P.M. Moriarty</td>
<td>Kansas University Medical Center, Kansas City, KS, USA</td>
</tr>
</tbody>
</table>
10:45 – 13:15 S30 (cont.) Hall D

Abstract No.

12:45 HDL/APO B RATIO EQUAL OR GREATER THAN 1 AS A POTENTIAL TARGET FOR PREVENTION AND REVERSAL OF CARDIOVASCULAR DISEASE?
Reddy Cardiac Wellness, Sugarland, TX, USA

13:00 INVERSE CORRELATION BETWEEN BMI AND CORONARY ANGIOGRAPHIC FINDINGS IN AN INNER-CITY MINORITY POPULATION
H. Shaqra, N. Fida, J. Loganathan, T. Haque, M.U. Anwer, S. Blum, S.S. Chilimuri, N. Bhalodkar
Bronx Lebanon Hospital Centre Affiliated with Albert Einstein College of Medicine, Bronx, NY, USA

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
Monday, July 26, 2010

08:00 – 13:00  Poster Hall

P303  Poster Session
INTERVENTIONAL CARDIOLOGY I

<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>1</td>
<td>251</td>
<td>STATURE, GUIDE CATHETER SIZE, AND ENZYME LEAKS FOLLOWING PERCUTANEOUS CORONARY INTERVENTIONS</td>
<td>C. Fuller, T. Dewhurst, R. Fletcher, M. Gregg, R. Salazar, J. Jesurum</td>
<td>Swedish Medical Center, Seattle, WA, USA</td>
</tr>
<tr>
<td>2</td>
<td>252</td>
<td>PLATELET ACTIVATION PROFILE IN PATIENTS WHO UNDERWENT CAROTID VERSUS CORONARY STENT REVASCULARIZATION</td>
<td>M. Camera, D. Trabattoni, E. Tirloni, A.S. Ghulam, M. Brambilla, P. Canzano, A. Bartorelli, E. Tremoli, P. Montorsi</td>
<td>Centro Cardiologico Monzino IRCCS, Milan, Italy</td>
</tr>
<tr>
<td>3</td>
<td>253</td>
<td>ACETYLTRANSFERASE ACTIVITY AS A PREDICTOR OF IN-STENT STENOSIS IN THE FOLLOW-UP AFTER CORONARY STENTING</td>
<td>D.G. Iosselliani, I.E. Kuznetzova, S.P. Semitko</td>
<td>Moscow City Center of Interventional Cardioangiology, Moscow, Russia</td>
</tr>
<tr>
<td>4</td>
<td>254</td>
<td>THE USE OF A STENT DELIVERY SYSTEM (HEARTAIL II CATHETER) AS A THROMBECTOMY DEVICE IN SAPHENOUS VEIN GRAFT INTERVENTION; A NOVEL NEW TOOL IN INTERVENTIONAL CARDIOLOGY</td>
<td>H. Hadi, V. Frooq, T. Hamid, R. Khattar, D. Fraser, M. Mamas</td>
<td>Manchester Heart Centre, Manchester Royal Infirmary, Oxford Road, UK</td>
</tr>
<tr>
<td>5</td>
<td>255</td>
<td>EVALUATION OF PERCUTANEOUS CORONARY INTERVENTION WITH STENTING ON IMPROVEMENT OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH SINGLE VESSEL CORONARY ARTERY DISEASE</td>
<td>M. Nourizadeh, M. Adel, A. Hosseinzadeh</td>
<td>Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Russia</td>
</tr>
<tr>
<td>6</td>
<td>256</td>
<td>DOES OPERATOR EXPERIENCE HAVE AN IMPACT ON LONG-TERM RESULTS AFTER IVUS - GUIDED BARE-METAL STENT IMPLANTATION? RESULTS OF THE RANDOMIZED TRAIL DESIVUS</td>
<td>J. Rzezak, D.I. Vassilev, S. Golebiewski, T. Pawlowski, T. Kulwic, R.J. Gil</td>
<td>Central Hospital of the Internal Affairs and Administration Ministry, Warsaw, Poland</td>
</tr>
</tbody>
</table>

P304  PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE

<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>7</td>
<td>257</td>
<td>PREDICTING ATHEROSCLEROSIS: AN EXAMINATION OF THE INTIMA-MEDIA THICKNESS OF THE CAROTID AND CORONARY ARTERIES</td>
<td>T. Brittain, N. Gloyeske</td>
<td>Kansas City University of Medicine and Biosciences, Kansas City, MO, USA</td>
</tr>
<tr>
<td>8</td>
<td>258</td>
<td>LOW-DOSE ADMINISTRATION OF ATORVASTATIN CAN PREVENT PROGRESSION OF CAROTID ARTERIOSCLEROSIS</td>
<td>T. Hirohashi, E. Tomaru, K. Nakamura, T. Tomaru</td>
<td>Toho University, Sakura, Japan</td>
</tr>
<tr>
<td>9</td>
<td>259</td>
<td>THE EPIDEMIOLOGY OF PERIPHERAL ARTERIAL DISEASE (PAD) IN HIV-INFECTED PATIENTS</td>
<td>A. QaQa, N. Mohammad, A. Isbitan, V. Debari, K. El-Kersh, R. Sison, M. Bisharat, J. Slim, G. Perez, F. Shamoon</td>
<td>Seton Hall University/St Michaels Medical Center, Newark, NJ, USA</td>
</tr>
</tbody>
</table>
MONDAY, JULY 26, 2010

08:00 – 13:00  Poster Hall

P305 Poster Session
PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATEROTHROMBOTIC DISEASE

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>260</td>
</tr>
<tr>
<td></td>
<td>THE ROLE OF CARDIOVASCULAR RISK FACTORS ON LONG-TERM MORTALITY FOLLOWING LIVER TRANSPLANTATION</td>
</tr>
<tr>
<td>11</td>
<td>261</td>
</tr>
<tr>
<td></td>
<td>ACUTE EFFECT OF HIGH INTENSITY PHYSICAL EXERCISE ON POSTPRANDIAL HYPERLIPEMIA IN YOUNG SEDENTARY SUBJECTS</td>
</tr>
<tr>
<td>12</td>
<td>262</td>
</tr>
<tr>
<td></td>
<td>ENDOTHELIAL DYSFUNCTION AND CORONARY MICROIRCIRCULATION IN YOUNG RENAL TRANSPLANT RECIPIENTS</td>
</tr>
<tr>
<td></td>
<td>S. Sitia, L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy</td>
</tr>
<tr>
<td>13</td>
<td>263</td>
</tr>
<tr>
<td></td>
<td>DIASTOLIC BLOOD PRESSURE REDUCTION AS A PRIMARY MARKER OF STEP IN METABOLIC SYNDROME</td>
</tr>
<tr>
<td></td>
<td>K.J. Sabourin, M.I. Stuckey, S. Shapiro, K. Draudt, C. Munoz, R.J. Petrelia, University of Western Ontario, School of Kinesiology, ON, Canada</td>
</tr>
<tr>
<td>14</td>
<td>264</td>
</tr>
<tr>
<td></td>
<td>INTEGRATED PRIMARY CARDIOVASCULAR PREVENTION PROGRAMME – EXPERIENCES AND POSITIVE RESULTS FROM THE SLOVENIAN MODEL</td>
</tr>
<tr>
<td></td>
<td>Z. Fras, M.F. Kenda, University Medical Centre Ljubljana, Division of Internal Medicine, Prev Cardiology Unit, Slovenia</td>
</tr>
<tr>
<td>15</td>
<td>265</td>
</tr>
<tr>
<td></td>
<td>RISK FACTORS OF ACUTE MYOCARDIAL INFARCT DATA OF HEALTH IN THE PARI SP-SP</td>
</tr>
<tr>
<td></td>
<td>A.P.G. Leiva, F.Q. Alves, J.A. Barradas, L.C. Souza, A.P.S. Lopes, D.D.B.N. Dias Medicine College of Cidade de Sao Paulo University, Sao Paulo, SP, Brasil</td>
</tr>
</tbody>
</table>

P306 PULMONARY ASPECTS, PULMONARY HYPERTENSION

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>266</td>
</tr>
<tr>
<td></td>
<td>EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON TEI INDEX IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME</td>
</tr>
<tr>
<td></td>
<td>S. Koga, S. Ikeda, T. Yasunaga, T. Nakata, K. Maemura Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan</td>
</tr>
<tr>
<td>17</td>
<td>267</td>
</tr>
<tr>
<td></td>
<td>PULMONARY HYPERTENSION IN IPF: DOES SEVERITY MATTER?</td>
</tr>
<tr>
<td></td>
<td>O. Minai, F. Santacruz, K. McCarthy, J. Alster Cleveland Clinic, Cleveland, Ohio, USA</td>
</tr>
<tr>
<td>18</td>
<td>268</td>
</tr>
<tr>
<td></td>
<td>PNEUMONIA AND PULMONARY HYPERTENSION</td>
</tr>
<tr>
<td></td>
<td>T.M. Abu Sharifeh, W.I. Khalife, V.K. Mukku UTMB, Galveston, TX, USA</td>
</tr>
<tr>
<td>19</td>
<td>269</td>
</tr>
<tr>
<td></td>
<td>ELECTROCARDIOGRAPHIC ABNORMALITIES IN SEVERE VERSUS MILD OR MODERATE CHRONIC OBSTRUCTIVE PULMONARY DISEASE</td>
</tr>
<tr>
<td></td>
<td>D. Holtzman, W.S. Aronow, M. Mellanna, M. Sharma, N. Mehta, D. Chandy New York Medical College, Valhalla, NY, USA</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------</td>
</tr>
</tbody>
</table>
| 20        | DIFFERENTIATING PULMONARY ARTERIAL AND PULMONARY VENOUS HYPERTENSION AND THE IMPLICATIONS FOR THERAPY  
S. Dadfarmay, R. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA |
| P308      | Poster Session  
ATHEROSCLEROSIS: RENAL ASPECTS |
| 21        | PREVALENCE OF RENAL ARTERY STENOSIS IN MULTIVESSEL CORONARY ARTERY DISEASE IN IRANIAN POPULATION  
M. Nourizadeh, M. Adel, E. Hashemi, M. Jadbabaee  
Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran |
| 22        | RELATIONSHIP BETWEEN DISTRIBUTION OF CORONARY ARTERY LESIONS AND RENAL ARTERY STENOSIS IN PATIENTS UNDERGOING SIMULTANEOUS CORONARY AND RENAL ANGIOGRAPHY  
N. Salehi, A. Gholoobi, A. Firouzi, F. Shakerian, H.R. Sanati, M. Madani, Iran University, Tehran, Iran |
| P309      | CARDIAC ARREST AND SUDDEN CARDIAC DEATH |
| 23        | FIRST DOCUMENTED RHYTHM AND PREDICTORS OF SURVIVAL FOLLOWING IN-HOSPITAL CARDIOPULMONARY RESUSCITATION AT THE MEDICAL CITY  
M.S. Avelino, R.E. Ramboyong, A.P. Bautista  
The Medical City Cardiovascular Center, Pasig City, Philippines |
| 24        | CLINICAL CHARACTERISTICS AND ELECTROCARDIOGRAPHY FEATURES OF BLACK AFRICAN ELITE ATHLETES: THE CAMEROON SOCCER REGISTRY  
H. Djoumessi, F. Ngoh, S. Mandengue, I. Ditah, A. Bonny  
University Hospital, University of Douala, Detroit, MI, USA |
| 25        | BRUGADA SYNDROME IN PURE BLACK AFRICANS  
| 26        | PERFORMANCE OF AN AUTOMATED EXTERNAL DEFIBRILLATOR IN A MOVING AMBULANCE VEHICLE  
Chonnam National University Hospital, Gwangju, South Korea |
| 27        | REPRODUCIBILITY AND DIAGNOSTIC VALUE OF SODIUM CHANNEL BLOCKER TEST AT HIGHER PRECORDIAL ECG RECORDING IN PATIENTS WITH BRUGADA SYNDROME: CASE REPORT  
E. Nakagawa, K. Murai, N. Kino, A. Furukawa, K. Oosawa, Y. Abe, R. Komatsu, T. Naruko, K. Haze, A. Ito  
Osaka City General Hospital, Osaka, Japan |
Board No.          Abstract No.
P310           SYNCOPE
28             ETIOLOGIES OF SYNCOPE IN 325 CONSECUTIVE PATIENTS
               HOSPITALIZED FOR SYNOCOPE
              S. Sule, C. Palaniswamy, W.S. Aronow, C. Ahn, S.J. Peterson, S. Adapa,
              L. Mudambi, H. Lai
              New York Medical College, Valhalla, NY, USA

P311           MISCELLANEOUS
29             QTC AND QT DISPERSION IN MORBID OBESITY: ROLE OF LEFT
               VENTRICULAR MASS
              R. Mukerji, M.A. Alpert
              University of Missouri Health Sciences Center, Columbia, MO, USA
30             CARDIOVASCULAR COMPLICATIONS FOLLOWING LIVER
               TRANSPLANTATION
              D. Wolf
              Westchester Medical Center/ New York Medical College, Valhalla, NY, USA
31             USEFULNESS OF BREAST ARTERIAL CALCIUM ON MAMMOGRAPHY
               FOR PREDICTING CORONARY ARTERY DISEASE OR CARDIOVASCULAR
               EVENTS IN WOMEN WITH ANGINA PECTORIS AND/OR POSITIVE STRESS
               TESTS
              N. Penugonda, S.S. Billecke, M.W. Yerkey, M. Rebner, P. Marcovitz
              Willam Beaumont Hospital, Royal Oak, MI, USA
32             TMPG AND OUTCOMES IN TAKO-TSUBO CARDIOMYOPATHY
              C.N. Ionescu, C.A. Aguilar Lopez, A. Sakr, A.E. Ghantous, M.P. Chrissoheris,
              T.J. Donohue, S. Reddy
              Hospital of Saint Raphael, New Haven, CT, USA
33             EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON
               RENAL FUNCTION IN OBSTRUCTIVE SLEEP APNEA SYNDROME
              S. Ikeda, S. Koga, T. Nakata, T. Yasunaga, K. Maemura
              Nagasaki University, Nagasaki, Japan
34             THE FULL IMPACT OF CHRONIC CARDIOVASCULAR DISEASES
               CANNOT BE MEASURED WITHOUT AN ASSESSMENT OF LIFE DECISIONS
              Z.U. Bhatti, A.Y. Finlay, M.S. Salek, J.J. Halcox
              Department of Dermatology, School of Medicine, Cardiff University, Cardiff, UK
35             PREOPERATIVE SERUM CREATININE IS ASSOCIATED WITH
               POSTOPERATIVE ATRIAL FIBRILLATION AFTER CORONARY BYPASS
               SURGERY
              C.Chen-Scarabelli, G. Faggian, G. Petrilli, M. Tessari, L. Saravolatz,
              A. Mazzucco, T. Scarabelli
              VA Ann Arbor Healthcare System, Ann Arbor, MI, USA, University of Verona, Verona,
              Italy
36             ACUTE CORONARY SYNDROME IN YOUNG
              S.M. Macin, R. Zoni, R. Laurino, M.L. Coronel, E.R. Perna, V. Lepore,
              G. Olivera, P. Liva, J. Bacaro, J.R. Badaraco
              Coronary Intensive Unit, Corrientes, Argentina
PL: 11 Plenary Session
NEW CONCEPTS IN CARDIAC REMODELING AND MYOCARDIAL PROTECTION

Chairpersons: N.S. Dhalla, Winnipeg, MB, Canada
H.N. Sabbah, Detroit, MI, USA

Abstract No.

14:00 SUBCELLULAR REMODELING IN CONGESTIVE HEART FAILURE DUE TO MYOCARDIAL INFARCTION (Invited Lecture)
N.S. Dhalla, International Academy of Cardiovascular Sciences, Winnipeg, Manitoba, Canada

14:15 ALGINATES FOR THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION AND HEART FAILURE (Invited Lecture)
H.N. Sabbah, Henry Ford Hospital, Detroit, MI, USA

14:30 AUTOPHAGY IN THE ISCHEMIC HEART (Invited Lecture)
D.K. Das, University of Connecticut Medical Center, Farmington, CT, USA

14:45 AGING AND REMODELING OF THE RENIN-ANGIOTENSIN-SYSTEM POST INFARCTION (Invited Lecture)
B.I. Jugdutt, University of Alberta Hospitals, Edmonton, AL, Canada

15:00 PLEIOTROPIC EFFECTS OF PIOGLITAZONE AFFECTING MYOCARDIAL PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY (Invited Lecture)
Y. Ye, J.R. Perez-Polo, Y. Birnbaum, Baylor College of Medicine, Houston, TX, USA

15:15 INHIBITION OF MALONYL COA DECARBOXYLASE PREVENTS ADVERSE CARDIAC REMODELLING POST-INFARCTION (Invited Lecture)
G. Lopaschuk, University of Alberta, Edmonton, AL, Canada

15:30 CARDIOPROTECTIVE ACTION OF OXYTOCIN: POSSIBLE ROLE IN STRESS (Invited Lecture)
D. Jezova, M. Ondrejcakova, Slovak Academy of Sciences, Bratislava, Slovakia

15:45 REMOTE ISCHEMIC CONDITIONING AND ITS CLINICAL APPLICATION (Invited Lecture)
I.E. Konstantinov, Royal Children's Hospital, Parkville, Australia

16:00 THE ROLE OF THROMBOSPONDIN-1 IN INFARCT HEALING AND CARDIAC REMODELING (Invited Lecture)
N. Frangogiannis, Baylor College of Medicine, Houston, TX, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 26, 2010

14:00 – 15:45 Hall B

PL: 12 Plenary Session
NOVEL RISK FACTORS AND CARDIOVASCULAR DISEASE

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

Abstract No.

14:00 NOVEL RISK FACTORS FOR CARDIOVASCULAR DISEASE (Invited Lecture) 296
E.L. Barrett-Connor, University of California, San Diego, La Jolla, CA, USA

14:15 OBESITY AND MYOCARDIAL REPOLARIZATION (Invited Lecture) 297
M.A. Alpert, St John's Mercy Medical Center, St Louis, MO, USA

14:30 ANTIRETROVIRALS AND CARDIOVASCULAR DISEASE (Invited Lecture) 298
C.J. Chen, Q. Yao, Baylor College of Medicine, Houston, TX, USA

14:45 THE RATIO OF SERUM ADIPONECTIN LEVEL TO HOMEOSTASIS MODEL ASSESSMENT OF INSULIN RESISTANCE IS A POWERFUL INDEX OF METABOLIC SYNDROME IN AN AGED JAPANESE POPULATION: RESULTS FROM THE KING STUDY (Invited Lecture) 299
M. Yokota, M. Nakatochi, S. Miyata, D. Tanimura, H. Asano, S. Ichihara, K. Naruse, T. Matsubara, Aichi-Gakuin University, Nagoya, Japan

15:00 TESTOSTERONE AND CARDIOVASCULAR DISEASE: A SEX-SPECIFIC CONNECTION (Invited Lecture) 300
G. Laughlin, University of California, San Diego, La Jolla, CA, USA

15:15 HEART RATE - WHAT ROLE IN CV RISK AND PROTECTION? (Invited Lecture) 301
S. Gupta, Whipps Cross and St. Bartholomew's Hospitals, Leytonstone, UK

15:30 IS LOW HDL A MARKER OR A CAUSAL FACTOR FOR HEART DISEASE? (Invited Lecture) 302
A. Tybjærg-Hansen, Copenhagen University Hospital, Denmark

15:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 26, 2010

14:00 – 16:15  Hall C

S31  Session
VALVULAR HEART DISEASE/ HEART VALVE SURGERY
Chairpersons:  R.W.W. Biederman, Pittsburgh, PA, USA
               J.A. Elefteriades, New Haven, CT, USA

Abstract No.

14:00  NORMOTHERMIC CARDIOPULMONARY BYPASS VS. DEEP HYPOTHERMIC CIRCULATORY ARREST FOR REMOVING INFERIOR VENA CAVA TUMOR THROMBUS
Cleveland Clinic, Cleveland, USA

14:15  AORTIC VALVE REPLACEMENT IN HIGH-RISK PATIENT WITH SEVERE LEFT VENTRICULAR DYSFUNCTION
Juntendo University, Tokyo, Japan

14:30  BOVINE ARCH – A MARKER FOR THORACIC AORTIC ANEURYSM
M. Hornick, R. Moomiae, H. Mojibian, M. Tranquilli, J.A. Elefteriades
Yale University School of Medicine, New Haven, CT, USA

14:45  APOPTOSIS INDUCED BY AN ESCHERICHIA COLI STRAIN IN AN EXPERIMENTAL ENDOCARDITIS MODEL
University of Guadalajara, Guadalajara, Jalisco, Mexico

15:00  REPEAT PERCUTANEOUS MITRAL VALVULOPLASTY (PMV) IN PATIENTS WITH RECURRENT MITRAL VALVE STENOSIS FOLLOWING TO PREVIOUS PMV (IMMEDIATE AND LONG-TERM OUTCOME)
M. Ghasemi, M. Sanatkafar, A. Kaboli, M.R. Movahed
Research Center Of Endovascular Intervention, Tehran, Iran

15:15  DOPPLER AND CATHETER GRADIENT DISCREPANCIES IN AORTIC STENOSIS: POTENTIAL ROLE OF REYNOLDS NUMBER
J.C. Adams, P. Jiamsripong, H.P. Chaliki, M. Belohlavek, E.M. McMahon, V. Marupakula, J. Heys, Mayo Clinic, Scottsdale, AZ, USA

15:30  DESCRIPTION OF A NOVEL EX-VIVO IMAGING AND INVESTIGATION TECHNIQUE TO RECORD, ANALYZE AND VISUALIZE HEART VALVE MOTION UNDER PHYSIOLOGICAL CONDITIONS
M. Kondruweit, S. Friedl, T. Wittenberg, R. Tandler, M. Weyand
University-Hospital Erlangen, Fraunhofer-Institute for Integrated Circuits IIS, Erlangen, Germany

15:45  THE CAUSE OF ASCENDING AORTIC DILATATION IN PATIENTS WITH BICUSPID AORTIC VALVE
Sanger Heart & Vascular Institute, Carolinas Medical Center, Charlotte, NC, USA

16:00  PREVALENCE OF MITRAL REGURGITATION BY FUNCTIONAL CLASS IN THE US ADULT POPULATION
A.P. Badiye, G. Robalino, J. Junttila, S. Atapattu, M. Nakamura, E. de Marchena, University of Miami, Miami, FL, USA
MONDAY, JULY 26, 2010

14:00 – 16:45  Hall D

S32  Session
ARRHYTHMIA I: SUDDEN CARDIAC DEATH/ IMPLANTABLE ANTIARRHYTHMIC DEVICES/ PACING

Chairpersons:  F.I. Marcus, Tucson, AZ, USA
               M.H. Pitzalis, Greenville, NC, USA

Abstract No.

14:00  VICTIMS OF SUDDEN CARDIAC DEATH WITH AMBIGUOUS AUTOPSIES: POTENTIAL FOR ERRONEOUS INTERPRETATION?  312
H. Raju, M. Papadakis, M. Govindan, R. Bastiaenen, N. Chandra, N. Edwards, A. O'Sullivan, M.N. Sheppard, E. Behr, S. Sharma
St George's University of London, UK

14:15  THE DIAGNOSTIC YIELD OF BRUGADA SYNDROME IN VICTIMS OF SUDDEN ARRHYTHMIC DEATH SYNDROME: AN UNDERESTIMATED ENTITY?  313
St George's University of London & University Hospital Lewisham, UK

14:30  C-REACTIVE PROTEIN: A NEW MARKER OF ARRHYTHMIC EVENT IN BRUGADA SYNDROME?  314
A. Bonny, F. Larrazet, I. Ditah, F. Hidden-Lucet, G. Fontaine, R. Frank
Hopital Saint Camille, Bry Sur Marne, France

14:45  ECG SCREENING OF 32,000 YOUNG ADULTS FOR SUDDEN CARDIAC DEATH (SCD) UTILIZING TRAINED COMMUNITY VOLUNTEERS: REPORT OF OUR EXPERIENCE  315
J.C. Marek, J. Davis, V. Bufalino, K. Marek, Midwest Heart Foundation, Lombard, Illinois, USA

15:00  IS MINIMALLY INVASIVE LEFT VENTRICULAR EPICARDIAL LEAD IMPLANTATION THE BEST TREATMENT OPTION FOR BIVENTRICULAR PACING IN PATIENTS WITH HEART FAILURE?  316
J.L. Navia, N. Brozzi, F.A. Atik, E.R. Nowicki, S. Al-Ruzzeh, E. Sepulveda, E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA

15:15  SAFETY AND EFFECTIVENESS OF PRIMARY PROPHYLAXIS CARDIOVERTER-DEFIBRILLATORS IN OCTOGENERIANS  317
W.J. Strimmel, S. Koplik, H.R. Chen, J. Song, S.K.S. Huang
Texas A&M University Health Science Center, Scott and White Hospital and Clinic: Section of Cardiac Electrophysiology and Pacing, TX, USA

15:30  FALLING INCIDENCE OF VENTRICULAR FIBRILLATION INCIDENCE AMONG OUT-OF-HOSPITAL CARDIAC ARRESTS  318
J. Jensen, C. Torp-Pedersen, S.L. Nielsen, G.H. Gislason, F.K. Lippert, F. Folke
Copenhagen University Hospital, Gentofte, Denmark

15:45  OLDER AGE AND ANEMIA MAY PREVENT LEFT ATRIAL REVERSE REMODELING AFTER CARDIAC RESYNCHRONIZATION THERAPY  319
A.S. So, H.B. Mukhtar, T. McConnell, V. Cotorlan, C. Wenger, F. Maguire, J. Shirani, Geisinger Medical Center, Danville, PA, USA
M. Simon, J. Sperzel, Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany
**14:00 – 16:45**  
**S32 (cont.)**  
**Hall D**

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>320</td>
<td>ONE-YEAR CHRONIC PERFORMANCE OF A 1.1MM ELECTRODE SPACING ATRIAL LEAD IN ICD RECIPIENTS (ASTER STUDY)</td>
<td>K. Seidl, K.H. Kuck, H.J. Trappe, P. Santerelli, K. Hahlweg, F.K. Pohle, M. Simon, J. Sperzel</td>
<td>Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany</td>
</tr>
<tr>
<td>16:30</td>
<td>322</td>
<td>DIAGNOSIS OF UNEXPLAINED CARDIAC ARREST: ROLE OF LONG QT SYNDROME GENETIC SCREENING</td>
<td>L. Tercedor-Sanchez, J. Jimenez-Jaimez, M. Alvarez-Lopez, R.S. Galdeano, R. Melgares-Moreno, Virgen de las Nieves Hospital, Granada, Spain</td>
<td></td>
</tr>
<tr>
<td>16:45</td>
<td></td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MONDAY, JULY 26, 2010

16:45 – 18:45  Hall A

PL: 13  Plenary Session
HOW TO TREAT HEART FAILURE WHEN PILLS DON'T WORK ANYMORE / CARDIAC SURGERY / MECHANICAL CIRCULATORY SUPPORT

Chairpersons:  M.R. Johnson, Madison, WI, USA
              D.M. Meyer, Dallas, TX, USA

Abstract No.

16:45  CENTRALLY MEDIATED REGULATION OF SYMPATHETIC OUTFLOW IN HEART FAILURE: IMPROVING "NO BRAKES" WITH EXERCISE TRAINING? (Invited Lecture)
K.P. Patel, University of Nebraska Medical Center, Omaha, NE, USA  323

17:00  SURGICAL TREATMENT OF HEART FAILURE: CURRENT STRATEGIES AND FUTURE DIRECTIONS (Invited Lecture)
L.P. Perrault, S. Maltais, Montreal Heart Institute, Montreal, Canada  324

17:15  TRENDS IN HEART TRANSPLANTATION IN THE UNITED STATES – 1999 TO 2008 (Invited Lecture)
M.R. Johnson, University of Wisconsin Medical School, Madison, WI, USA  325

17:30  PERMANENT MECHANICAL CIRCULATORY SUPPORT IN PATIENTS OF ADVANCED AGE (Invited Lecture)
R. Hetzer, German Heart Institute, Berlin, Germany  326

17:45  CURRENT STATUS OF DESTINATION THERAPY IN THE MANAGEMENT OF END-STAGE HEART FAILURE (Invited Lecture)
D.M. Meyer, University of Texas, Dallas, TX, USA  327

18:00  CARDIAC RESYNCHRONIZATION THERAPY: DO WE NEED A SCREENING? (Invited Lecture)
M.H. Pitzalis, The Brody School of Medicine at ECU
East Carolina Heart Institute, Greenville, NC, USA  328

18:15  IMPROVEMENT IN TWO YEAR SURVIVAL IN VENTRICULAR ASSIST DEVICE PATIENTS AFTER IMPLEMENTATION OF AN INTENSIVE SURVEILLANCE PROTOCOL (Invited Lecture)
S.V. Pamboukian, R.N. Brown, W.L. Holman, J.A. Tallaj, R.C. Bourge, J.K. Kirklin University of Alabama at Birmingham, AL, USA  329

18:30  ULTRAFILTRATION THERAPY FOR HEART FAILURE: AN UPDATE FOR 2010 (Invited Lecture)
A. Kazory, University of Florida, Gainesville, FL, USA  330
MONDAY, JULY 26, 2010

16:45 – 18:45 Hall B

PL: 14 Plenary Session
CORONARY CIRCULATION - FROM PHYSIOLOGY TO CLINICAL PATHOLOGY / ISCHEMIC PRECONDITIONING

Chairpersons: G. Heusch, Essen, Germany
L. Kuo, Temple, TX, USA

Abstract No.

16:45 WHAT IS CORONARY BLOOD FLOW RESERVE? ROLE OF CAPILLARIES (Invited Lecture)
S. Kaul, Oregon Health & Science University, Portland, OR, USA

17:00 CORONARY MICROEMBOLIZATION- BEDSIDE TO BENCH AND BACK TO BEDSIDE (Invited Lecture)
G. Heusch, P. Kleinbongard, D. Boese, R. Schulz, R. Erbel
University of Essen Medical School, Essen, Germany

17:15 REGULATION OF CORONARY MICROCIRCULATION BY ADENOSINE: FROM PHYSIOLOGY TO PATHOPHYSIOLOGY (Invited Lecture)
L. Kuo, T.W. Hein, Texas A&M Health Science Center, Temple, TX, USA

17:30 VASOMOTOR SYMPTOMS AND CORONARY ARTERY CALCIUM (Invited Lecture)
University of California, San Diego, La Jolla, CA, USA

17:45 MECHANISM OF ACS ONSET - INSIGHT FROM ANGIOSCOPY (Invited Lecture)
Osaka Police Hospital, Osaka, Japan

18:00 PHOSPHORYLATION OF ARC IS A CRITICAL ELEMENT IN THE ANTI-APOPTOTIC EFFECT OF ANESTHETIC PRECONDITIONING
X. Lu, P.G. Moore, H. Liu, S. Schaefer, University of California, Davis, CA, USA

18:15 FISH OIL INDUCED INCREASE IN MEMBRANE PEROXIDATION POTENTIAL PARADOXICALLY PROMOTES PRECONDITIONING
P.L. McLennan, G.G. Abdukeyum, A.J. Owen, T.A. Larkin, University of Wollongong, Wollongong, NSW, Australia

18:30 REMOTE NOCICEPTOR-INDUCED CONDITIONING: PROTECTING THE HEART VIA THE SKIN
S33 Session
GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH

Chairpersons: N.E. Bowles, Salt Lake City, UT, USA
              K.N. Pandey, New Orleans, LA, USA

Abstract No.

16:45 A ROLE FOR TOLL-LIKE RECEPTOR 3 VARIANTS IN HOST SUSCEPTIBILITY TO ENTEROVIRAL MYOCARDITIS AND DILATED CARDIOMYOPATHY
C. Gorbea, K.A. Makar, M. Pauschinger, H.P. Schultheiss, J.A. Towbin, J.G. Vallejo, N.E. Bowles, University of Utah, Salt Lake City, UT, USA

17:00 THE 4399MET ALLELE OF THE LPA GENE EXPLAINS THE ASSOCIATION BETWEEN THE CCTC HAPLOTYPE AND CORONARY HEART DISEASE
D. Shiffman, J.Z. Louie, C.M. Rowland, M.J. Malloy, J.P. Kane, J.J. Devlin Celera, Alameda, CA, USA

17:15 MYOCARDIAL REGENERATION STUDY: IN VITRO COMPARISON OF HUMAN FETAL PLACENTA VERSUS BONE MARROW DERIVED MESECHYMAL STEM CELLS
D. Xu, M.N. Duong, B.L. Yen, C. Renzo, R. Chiu
McGill University-Montreal General Hospital, Montreal, QC, Canada

17:30 GENETIC POLYMORPHISMS AND PLASMA LEVELS OF MATRIX METALLOPROTEINASES IN ACUTE MYOCARDIAL INFARCTION
S.M.H. Ghaderian, R. Akbarzadeh Najjar, A.S. Tabatabaei Panah, H. Vakili Shahid Beheshti University of Medical Sciences and Health Services, Iran

17:45 REGENERATION OF INFRACTED MYOCARDIUM WITH NUTRITIONALLY MODIFIED CARDIAC STEM CELLS
D.K. Das, Cardiovascular Research Center, University of Connecticut, CT, USA
### S34 Session

**ARRHYTHMIA II: DIAGNOSES, DRUG THERAPY/ABLATION**

Chairpersons:  
- **F. Duru**, Switzerland  
- **A. Roth**, Tel Aviv, Israel

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:45</td>
<td>CLINICAL IMPACT OF IMAGE INTEGRATION SYSTEM FOR CATHETER ABLATION OF PERSISTENT/PERMANENT ATRIAL FIBRILLATION</td>
<td><strong>P.F. Pollice</strong>, F.A. Fabiani, S.E. Saad, P.P. Pollice, University of Berne, Switzerland</td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td>PREDICTORS AND OUTCOME OF HOSPITALIZED PATIENTS WITH ATRIAL FIBRILLATION AND ELEVATED CARDIAC ENZYMES</td>
<td><strong>K.L. Vinales</strong>, H.P. Chaliki, M.Q. Najib, P. Surapaneni, V. Marupakula</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mayo Clinic, Scottsdale, AZ, USA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Glan Clwyd Hospital, Bodelwyddan, London, UK</td>
<td></td>
</tr>
<tr>
<td>17:30</td>
<td>ABLATION OF PERSISTENTLY INDUCIBLE AV NODAL REENTRY TACHYCARDIA UTILIZING A LEFT ATRIAL APPROACH</td>
<td><strong>R.C. Klein</strong>, McKay-Dee Hospital Center, Ogden, Utah, USA</td>
<td></td>
</tr>
<tr>
<td>17:45</td>
<td>THE RELATIONSHIP OF LEFT ATRIUM LINEAR DIMENSIONS TO LEFT ATRIUM VOLUME MEASURED BY CARDIAC MULTI-DETECTOR COMPUTED TOMOGRAPHY (MDCT) IN PATIENTS WITH ATRIAL FIBRILLATION</td>
<td><strong>E.A. Charaf</strong>, <strong>S. Verma</strong>, University of South Alabama, Mobile, Alabama, USA</td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td>DO ALL ATRIAL FIBRILLATION PATIENTS REQUIRE IN-HOSPITAL LOADING OF DOFETILIDE AND SOTALOL?</td>
<td><strong>K. Agusala</strong>, A. Oesterle, T. Caprio, R. Passman, Northwestern Memorial Hospital, Chicago, IL, USA</td>
<td></td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>351</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>352</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>353</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>354</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>355</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>482</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

P401 MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SRC TYROSINE KINASE FAMILY IS A NOVEL UPSTREAM MODULATOR OF STAT3 ACTIVATION IN UROCORTIN-MEDIATED SIGNAL TRANSDUCTION Z. Yuan, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, C. Chen-Scarabelli, L. Saravolatz, T.M. Scarabelli St John Hospital &amp; Medical Center, Wayne State University, USA</td>
</tr>
<tr>
<td>2</td>
<td>THE ANTI-OXIDATIVE EFFECT OF PROPOFOL ON ANGIOTENSIN-II INDUCED APOPTOSIS IN NEONATAL RAT CARDIOMYOCYTES K.L. Wong, C.W. Cheung, Y.M. Leung, D.Y. Lu, T.H. Cheng Department of Anesthesiology, and Institute of Clinical Medical Sciences, and Research Group of Cardiovascular Biology, China Medical University and Hospital, Taichung, Taiwan</td>
</tr>
<tr>
<td>3</td>
<td>GPRE-CONDITIONING H IN MICE FETAL HEART AFFECTED BY MATERNAL MALNUTRITION T. Ito, K. Tanabe, K. Funamoto, C. Aoyagi, H. Chisaka, N. Yaegashi, K. Okamura, Y. Kimura, Tohoku University, Japan</td>
</tr>
<tr>
<td>4</td>
<td>HUMAN CARDIAC KV4.3 CHANNELS ARE REGULATED BY EGFR KINASE AND SRC-FAMILY KINASES Y.H. Zhang, C.P. Lau, G.R. Li, The University of Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>7</td>
<td>HYPOXIC STRESS IN CYSTATHIONINE GAMMA-LYASE-DEFICIENT SMOOTH MUSCLE CELLS S.A. Bryan, G. Yang, R. Wang, N. Khaper Lakehead University, Thunder Bay, ON, Canada</td>
</tr>
</tbody>
</table>

P402 VASCULAR BIOLOGY, BASIC RESEARCH II

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>FCGR-DEFICIENCY ON HEMATOPOIETIC CELLS LIMITS INFLAMMATORY RESPONSES AND PROTECTS AGAINSTATHEROGENESIS IN MICE B. Mallavia, O. Lopez-Franco, G. Ortiz-Munoz, V. Lopez-Parra, P. Fernandez-Vizarra, P. Hernandez-Vargas, J. Egido, Y. Suzuki, C. Gomez-Guerrero, IIS-Fundacion Jimenez Diaz, Autonoma University, Madrid, Spain</td>
</tr>
</tbody>
</table>
### P404 ECHOCARDIOGRAPHY

<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>357</td>
<td>SPECKLE TRACKING ECHOCARDIOGRAPHY DETECTS PRECLINICAL CARDIAC INVOLVEMENT IN YOUNG RENAL TRANSPLANT RECIPIENTS</td>
<td>S. Sitia, L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel, Cardiology Unit, Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>359</td>
<td>IS DISCRETE HYPERTROPHY OF THE UPPER SEPTUM A VARIANT OF HYPERTROPHIC CARDIOMYOPATHY?</td>
<td>D.M. Spevack, G.P. Srinivas, Montefiore Medical Center, Bronx, NY, USA</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>360</td>
<td>ECHOCARDIOGRAPHIC FINDINGS IN THE EARLY DIAGNOSIS OF DIABETIC CARDIOMYOPATHY</td>
<td>S. Enar, L. Sarac, Turkije Hospital, Istanbul, Turkey</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>361</td>
<td>ECHOCARDIOGRAPHY FOR PROCEDURAL GUIDANCE: A UNIVERSITY EXPERIENCE</td>
<td>T.W. Smith, W.J. Bommer, UC Davis, Sacramento, CA, USA</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>362</td>
<td>NOVEL ECHOCARDIOGRAPHIC VIEW OF THE ASCENDING THORACIC AORTA</td>
<td>K.A. Curtis, R. Silverman, S. Loucks, W.D. Grant, Heart Care Center, East Syracuse, NY, USA</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>363</td>
<td>CHANGES OF CORONARY SINUS DIAMETER IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT</td>
<td>M.J. Alemzadeh Ansari, F. Ahmadi, M. Nourizadeh, M. Leilizadeh Jundishapour University of Medical Sciences, Ahvaz, Iran</td>
<td></td>
</tr>
</tbody>
</table>

### P405 SYSTEMIC HYPERTENSION: BASIC AND CLINICAL

<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>364</td>
<td>INFLUENCE OF WHITE COAT HYPERTENSION ON THE DEVELOPMENT SUSTAINED HYPERTENSION IN CHILDREN AND ADOLESCENTS</td>
<td>C. Esis, M. Bracho, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez Instituto de Enfermedades Cardiovasculares, Universidad del Zulia, Maracaibo, Venezuela</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>366</td>
<td>CARDIAC AUTONOMIC DYSFUNCTION IN TREATED HYPERTENSIVES</td>
<td>N.K. Agarwal, S.K. Agarwal, Agarwal Health Center, East Orange, NJ, USA</td>
<td></td>
</tr>
</tbody>
</table>
MONDAY, JULY 26, 2010

13:30 – 18:00  Poster Hall

Board No.          Abstract No.

**Poster Session**

19  REVERSAL OF STAGE-I HYPERTENSION BY BEHAVIOURAL INTERVENTION: 18 MONTH STUDY IN URBAN BANGLADESH
    A.K.M. Alamgir, S.M.K. Ali, **K.M.H.S. Haque**
    Dhaka National Medical College, Bangladesh 367

20  RELATION OF THE BRACHIAL-ANKLE PULSE WAVE VELOCITY TO LEFT VENTRICULAR DIASTOLIC FUNCTION
    K.J. Lee, W.S. Lee, S.W. Kim, T.H. Kim, C.J. Kim, W.S. Ryu
    College of medicine, Chung-Ang University, Seoul, Korea 368

21  DIAGNOSIS, TREATMENT, AND REFERRAL OF HYPERTENSION IN AN EMERGENCY DEPARTMENT BEFORE AND AFTER AN EDUCATIONAL PROGRAM

22  EXERCISE TRAINING TEST IN ANTIHYPERTENSION THERAPY
    T.E. Tulintseva, **E.V. Parmon**, E.R. Berngardt, T.V. Treshkur, E.V. Shlyakhto
    The Federal Heart, Blood and Endocrinology centre named after V.A. Almazov, St. Petersburg, Russia 370

23  OBESITY HYPERTENSIVES REBOUND SBP LEVELS FASTER UPON ANTIHYPERTENSIVE DISCONTINUATION IN LATIN AMERICA
    M. De Britto Pereira, MSD Latin America Office, Mexico 371

P406  LIPID, LIPOPROTEIN DISORDERS AND CAD/ TREATMENT OF DYSLIPIDOPROTEINEMIA I

24  IMPROVING THE ASSAY FOR DETERMINATION OF DYSFUNCTIONAL HIGH DENSITY LIPOPROTEINS (HDL): DETERMINATION OF HDL FUNCTION USING A CELL FREE ASSAY
    M. Navab, J.Y. Yu, S. Hama, G. Hough, David Geffen School of Medicine, University of California, Los Angeles, USA 372

P407  PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

25  PREVALENCE OF AUTOANTIBODIES TO BNP IN NORMAL DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS
    M. Adamczyk, R.J. Brashear, P.G. Mattingly
    Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA 373

26  HEAT ENERGY IN THE TREATMENT OF HEART FAILURE
    T. Mussivand
    University of Ottawa Heart Institute, Ottawa, Ontario, Canada 374
MONDAY, JULY 26, 2010

13:30 – 18:30  Poster Hall

P408  Poster Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE

Board No.          Abstract No.

27  PREVALENCE OF EARLY RHEUMATIC HEART DISEASE IN RURAL GUYANESE AMERINDIAN CHILDREN AS DETECTED BY ECHOCARDIOGRAPHIC SCREENING
S.N.L. Roth, L. Aronson, L. Craw, F. Fernandes, E. Koelink, J. Longtin, N. Musewe, B. Ortuoste, N.R. Saunders, M. Silverman, University of Toronto, Toronto, ON, Canada

28  PATHOPHYSIOLOGY OF CORONARY BLOOD FLOW IN CONGENITAL HEART DISEASE - TRANSTHORACIC DOPPLER ECHOCARDIOGRAPHY STUDY
E.H. Aburawi, E. Pesonen
United Arab Emirates University, Faculty of Medicine and Health Science, Al-Ain, UAE

29  INTRA CRANIAL BYPASS OF AN AORTIC ARCH INTERRUPTION WITHOUT COMPENSATORY CARDIAC ANOMALY
B. Leobon, D. Roux, S. Bonnet, V. Chabbert, Y. Aggoun, G. Briere, Y. Dulac, P. Acar, Hopital des Enfants, France

30  THE CHOICE OF NORMATIVE BASE FOR THE ASSESSMENT OF THE AORTIC VALVE’S DIAMETER
L.A. Bockeria, O.A. Makhachev, T.Y. Philipkina, M.S. Panova, T.L. Berezina, S.B. Zaets, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia

31  HEART VALVE REPLACEMENT AFTER SURGICAL INTERVENTIONS ON VALVES
Bakoulev Center for Cardiovascular Surgery, Moscow, Russia
INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

VANCOUVER, BC, CANADA, JULY 24 – 27, 2010

SCIENTIFIC PROGRAM
Tuesday, July 27, 2010
PL: 15  Plenary Session
WHAT IS NEW IN CARDIOMYOPATHIES?

Chairpersons: U. Elkayam, Los Angeles, CA, USA
M.A. Rossi, Ribeirao Preto, Brazil

08:30  LEADS FROM MEDICINAL PLANTS TO TREAT DIABETIC CARDIOMYOPATHY (Invited Lecture)
R.K. Goyal, The Maharaja Sayajirao University of Baroda, Gujarat, India

08:45  IS DOXORUBICIN-INDUCED CARDIOMYOPATHY A DYSTROPHINOPATHY? (Invited Lecture)
E.C. Campos, J.L. O’Connell, C.M. Prado, M.R. Celes, L.M. Malvestio, M.V. Simoes, M.A. Rossi, University of Sao Paulo, Ribeirao Preto, Brazil

09:00  RELATIONSHIP BETWEEN LEFT VENRICULAR EJECTION FRACTION AND RECOVERY OF VENTRICULAR FUNCTION IN WOMEN WITH PERIPARTUM CARDIOMYOPATHY (Invited Lecture)
U. Elkayam, University of Southern California, Los Angeles, CA, USA

09:15  PATHOGENESIS OF PARVO B19 (B19V) INDUCED INFLAMMATORY CARDIOMYOPATHY (DCMI)
H-P. Schultheiss, Charité – University Medicine Berlin, Campus Benjamin Franklin, Medical Clinic II, Cardiology, Berlin, Germany

09:30  A NOVEL STRATEGY TO ELUCIDATE COMPLEX PATHOGENESIS OF HCM SUBSET PROGRESSING TO THE DILATED PHASE, BASED ON THE AUTOPSY FINDINGS, GENOME-WIDE MASS-SCREENING AND BIOINFORMATICS (Invited Lecture)
T. Toyo-oka, M. Kobayashi, K. Takazawa, T. Tanaka, S. Kostin, T. Izumi, J. Schaper, Y. Nakamura, University of Tokyo, Japan

09:45  A PREFERRED TIME FOR ONSET OF TAKO-TSUBO CARDIOMYOPATHY? (Invited Lecture)
R. Manfredini, Hospital of Delta, Lagosanto, and University of Ferrara, Italy

10:00  MYOCARDIAL ISCHEMIA IN HYPERTROPHIC CARDIOMYOPATHY (Invited Lecture)
J. Shirani, Geisinger Medical, Danville, PA, USA

10:15  ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA: MORE COMMON THAN PREVIOUSLY THOUGHT (Invited Lecture)
S.N. Koulouris, Evangelismos Hospital, Athens, Greece

10:30  REVERSE OR INVERTED TAKO-TSUBO CARDIOMYOPATHY (REVERSE LEFT VENTRICULAR APICAL BALLOONING SYNDROME) PRESENTS AT A YOUNGER AGE COMPARED TO MID OR APICAL VARIANT AND IS ALWAYS ASSOCIATED WITH TRIGGERING STRESS (Invited Lecture)
R. Ramaraj, M.R. Movahed, University of Arizona, Tucson, AZ, USA

10:45  ADIPOGENETIN EXPRESSION IN PATIENTS WITH INFLAMMATORY CARDIOMYOPATHY INDICATES FAVOURABLE OUTCOME AND INFLAMMATION CONTROL (Invited Lecture)

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
08:30 – 10:30  Hall B

Abstract No.

08:30 INCREASING LIFE EXPECTANCY IN THE WESTERN WORLD AND THE ROLE OF CARDIOVASCULAR PREVENTION (Invited Lecture)  
U. Keil, University of Muenster, Muenster, Germany

08:45 AN UPDATE ON CARDIOVASCULAR DISEASE RISK PREDICTION FROM THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (Invited Lecture)  
M.H. Criqui, University of California, San Diego, La Jolla, CA, USA

09:00 WINE, BEER, AND CARDIOVASCULAR CONDITIONS: SCIENTIFIC TRUTHS IN A NEW DECADE (Invited Lecture)  
A. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA

09:15 CARDIOVASCULAR DISEASE IN THE ASIANS - PHARMACOGENETIC DIFFERENCES (Invited Lecture)  
G.L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

09:30 GENDER DIFFERENCES IN EXERCISE TESTING IN A CARDIOLOGY PRACTICE (Invited Lecture)  
Y. Charuzi, J. Mirocha, T.W. Lang, R. Williams, UCLA School of Medicine, Los Angeles, CA, USA

09:45 IS THERE EVIDENCE FOR THERAPEUTIC GOALS BEYOND LDL-C? (Invited Lecture)  
J.G. Robinson, University of Iowa, Iowa City, IA, USA

10:00 CARBAMYLATED LDL - MISSING LINK BETWEEN UREMIA AND ATHEROSCLEROSIS (Invited Lecture)  
A.G. Basnakian, S.V. Shah, E.O. Apostolov, University of Arkansas for Medical Sciences, Little Rock, AR, USA

10:15 EFFICACY AND SAFETY OF LONG-TERM ROSUVASTATIN TREATMENT IN HIGH CARDIOVASCULAR RISK PATIENTS (Invited Lecture)  
S. Chumburidze, National Center of Therapy, Tbilisi, Georgia

10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

TUESDAY, JULY 27, 2010

PL: 16  Plenary Session
CARDIOVASCULAR EPIDEMIOLOGY / ROLE OF LIFESTYLE CHANGES / MODIFICATION OF DYSLIPOPROTEINEMIA

Chairpersons:  
M.H. Criqui, La Jolla, CA, USA
A. Klatsky, Oakland, CA, USA
08:30 – 11:00  Hall C

S35  Session
INTERVENTIONAL CARDIOLOGY

Chairpersons:  B.F. Uretsky, Little Rock, AR, USA

08:30  IN-SITU ENDOTHELIALISATION POTENTIAL OF A NOVEL NANOCOMPOSITE POLYMER COATING FOR CORONARY STENTS
R. Bakhshi, H. Ghanbari, M. Marashi, A. Darbyshire, G. Hamilton, A.M. Seifalian, Division of Surgery and Interventional Science, University College London, UK

08:45  IN-HOSPITAL OUTCOMES OF CONTEMPORARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH CHRONIC TOTAL OCCLUSION

09:00  36-MONTH CLINICAL OUTCOME OF PROSPECTIVE MULTI-CENTER REGISTRY OF EXCEL BIODEGRADABLE POLYMER DRUG ELUTING STENTS (CREATE)
Y-L. Han, Q-M. Jin, X-M. Shang, L-X. Yang, W-M. Li, H-L. Liu, Z-Q. Li, T-M. Jiang, L. Huang, Y-D. Chen
Shenyang Northern Hospital, Shenyang, China

09:15  DOES GENDER INFLUENCE RESTENOSIS AFTER CAROTID ARTERY STENTING?
D. Mannheim, T. Salamon, R. Karmeli, Carmel Medical Center, Haifa, Israel

09:30  OUTCOMES OF ROBOT-ASSISTED VASCULAR SURGERY, 150 CASES
P. Stadler, L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic

09:45  OUTCOME OF DRUG-ELUTING STENT IN HIV-INFECTED PATIENTS
N. Jallad, A. QaQa, J. Daoko, E. Alberaqdar, A. Hamdan, A. Al-Dehneh, M. Bikkina, F. Shamoon
St Michaels Medical Center/Seton Hall University, Newark, NJ, USA

10:00  COMPARISON OF RADIATION DOSE IN FEMORAL AND RADIAL ARTERIAL ACCESS CORONARY PROCEDURES; THE EFFECT OF OPERATOR EXPERIENCE
Belfast City Hospital Cardiology Centre, Belfast, Northern Ireland, UK

10:15  RADIATION DOSE DURING CORONARY ANGIOGRAPHY: CORRELATION TO BMI
A. Shah, P.K. Das, E. Subkovas, M. Payne, A. Azzu, Rees M, C.M. Bellamy
Glan Clwyd Hospital, Bodewyddan, UK
08:30 – 11:00  S35 (cont.)  Hall C

Abstract No.

10:30  PRE-PCI ATORVASTATIN: A RANDOMIZED STUDY  406
J. Veselka, D. Zemanek, L. Martinkovicova, M. Maly, P. Hajek, R. Adlova,  
D. Tesar  
CardioVascular Center, University Hospital Motol, Prague, Czech Republic

10:45  ALTERNATE DAY CLOPIDOGREL THERAPY IS EFFICACIOUS TO  407
PREVENT LATE STENT THROMBOSIS WITH DRUG ELUTING STENTS  
S. Sharma, K. Bhalla, B. Bhambi, W. Nyitray, K. Desai, R. Sharma, A. Antonescu,  
T. Ishimori, Central Cardiology/Bakersfield Heart Hospital, CA, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
TUESDAY, JULY 27, 2010

11:00 – 13:00  Hall A

PL: 17  Plenary Session
NEW DIRECTIONS IN THE TREATMENT OF ISCHEMIC HEART DISEASE / INTERVENTIONAL CARDIOLOGY

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

Abstract No.

11:00  TREATMENT OF STABLE ANGINA: UPDATE 2010 (Invited Lecture)
       U. Thadani, University of Oklahoma, Oklahoma City, OK, USA

11:15  CHEST PAIN EVALUATION IN THE EMERGENCY DEPARTMENT
       (Invited Lecture)
       J.H. Chesebro, Umass Memorial Medical School and Medical Center, Worcester, MA, USA

11:30  PCI IN THE MANAGEMENT OF PATIENTS WITH IMPAIRED LEFT VENTRICULAR FUNCTION (Invited Lecture)
       G.W. Vetrovec
       Virginia Commonwealth University, Richmond, VA, USA

11:45  CURRENT STATUS OF ELECTIVE LEFT MAIN STENTING (Invited Lecture)
       B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA

12:00  SERUM S Rage, A PREDICTOR OF RESTENOSIS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (Invited Lecture)
       University of Saskatchewan, Saskatoon, Canada

12:15  CARDIO CEREBRAL RESUSCITATION FOR WITNESS CARDIAC ARREST VICTIMS (Invited Lecture)
       M.R. Movahed, University of Arizona Sarver Heart Center, Tucson, AR, USA

12:30  ACUTE MYOCARDIAL INFARCTION IN CHILE BEFORE AND AFTER THE CHILEAN HEALTH REFORM (Invited Lecture)
       R.A. Diaz, University of Valparaiso, Chile

12:45  THE SUCCESS OF REGIONALIZED STEMI RECEIVING CENTER NETWORKS (Invited Lecture)
       I.C. Rokos, Geffen School of Medicine at UCLA, Los Angeles, CA, USA

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
TUESDAY, JULY 27, 2010

11:00 – 13:30  Hall B

PL: 18  Plenary Session

VALVULAR HEART DISEASE

Chairpersons:  N.M. Rajamannan, Chicago, IL, USA
              J. Ye, Vancouver, BC, Canada

Abstract No.

11:00  EPIEMIOLOGY OF CALCIFIC AORTIC VALVE DISEASE  417
      (Invited Lecture)
      K.D. O’Brien, University of Washington, Seattle, WA, USA

11:15  DESIGNING CLINICAL TRIALS IN VALVULAR HEART DISEASE:  418
       FROM BENCH O BEDSIDE (Invited Lecture)
       N.M. Rajamannan, Northwestern University Feinberg School of Medicine,
       Chicago, IL, USA

11:30  ADVANCES IN HEART VALVE SURGERY: TRANSCATHETER  419
       TRANSCARDIAC APPROACHES (Invited Lecture)
       J. Ye, Columbia St. Paul's Hospital, Vancouver, BC, Canada

11:45  VALVULAR HEART DISEASE; ECHOCARDIOGRAPHY VS CARDIAC MRI  420
       (Invited Lecture)
       R.W.W. Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

12:00  EPIEMIOLOGY OF VALVULAR HEART DISEASES. THE PROBLEM  421
       IS GROWING (Invited Lecture)
       P. Supino, J.S. Borer, A.K. Goon,
       State University of New York (SUNY), NY, USA

12:15  INCIDENCE OF EMBOLIC CEREBRAL INSULTS AFTER PERCUTANEOUS  422
       TRANSAPOCAL AORTIC VALVE REPLACEMENT
       D.S. Ropers, S. Ensminger, R. Feyrer, J. Ludwig, A. Doerfler, M. Arnold
       University of Erlangen, Germany

12:30  4D FLOW MRI EVALUATION OF BICUSPID AORTIC VALVE PATIENTS:  423
       ASYMMETRICALLY ELEVATED WALL SHEAR STRESS
       M.D. Hope, T.A. Hope, A.K. Meadows, K.G. Ordovas, T.H. Urbania,
       M.T. Alley, C.B. Higgins, UCSF, San Francisco, CA, USA

12:45  RISK FACTORS DETERMINING OUTCOME AFTER TRANSCATHETER  424
       AORTIC VALVE IMPLANTATION: ANALYSIS OF 300 PATIENTS
       R. Bauernschmitt, S. Bleiziffer, H. Ruge, D. Mazzitelli, A. Hutter, A. Opitz,
       G. Brockmann, I. Hettich, R. Lange, German Heart Center, Munich, Germany

13:00  TRANSAPOCAL TRANSCATHETER AORTIC VALVE IMPLANTATION –  425
       INFLUENCE OF A LEARNING CURVE ON CLINICAL OUTCOMES
       M. Thiellman, D. Wendt, P. Kahlert, P. Tossios, H. Eggebrecht, R. Erbel,
       H. Jakob, West German Heart Center, Essen, NRW, Germany

13:15  TRANSCATHETER DEVICE CLOSURE OF PERIVALVULAR  426
       REGURGITATION
       Mount Sinai Medical Center, New York, NY, USA

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S36 Session
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

Chairpersons: Y. Charuzi, Los Angeles, CA, USA
               U. Keil, Muenster, Germany

Abstract No.

11:00 NUCLEAR AND MITOCHONDRIAL TRANSLOCATION OF PHOSPHORYLATED PKCÆ ASSOCIATES WITH TUNEL-POSITIVE AND UROCORTINNEGATIVE STAINING IN THE HUMAN HEART FROM DIABETIC PATIENTS UNDERGOING ON-PUMP CARDIAC SURGERY C. Chen-Scarabelli, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, L. Saravolatz, T.M. Scarabelli, VA Medical Center, Ann Arbor, University of Michigan, MI, USA

11:15 INDEPENDENT CONTRIBUTION OF THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE TO THE CARDIOMETABOLIC RISK IN WOMEN J. Methot, D. Brisson, D. Gaudet
Department of Medicine, Université de Montréal, Montréal, Canada

Center for American Indian Health Research, College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

11:45 LOW DENSITY LIPOPROTEIN FROM LDL RECEPTOR NULL MICS IS SUSCEPTIBLE TO OXIDATIVE MODIFICATION K. Navab, S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA

12:00 THE ASSOCIATION OF ADIPONECTIN WITH THE METABOLIC SYNDROME IN WOMEN IS INDEPENDENT OF THE MENOPAUSAL STATUS Y. Loucif, J. Méthot, D. Brisson, D. Gaudet
Université de Montréal, ECOGÈNE-21 Clinical research Center, Chicoutimi Hospital, Chicoutimi, Quebec, Canada

Rush University Medical Center, Chicago, IL, USA

12:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
08:00 – 13:00  Poster Hall

P501  Poster Session
NUCLEAR CARDIOLOGY/ POSITRON EMISSION TOMOGRAPHY/ CARDIAC CT AND MRI

<table>
<thead>
<tr>
<th>No.</th>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>433</td>
<td>EVALUATION OF CORONARY ARTERY DISEASE COMPLICATED BY THORACIC AORTIC DISEASE BY WIDEN- VOLUME SCAN USING 320-ROW CT</td>
<td>K. Morishige, T. Yamawaki, H. Tashiro, St. Mary's Hospital, Kurume, Japan</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>434</td>
<td>RELATION OF LEFT ATRIAL BODY AND LEFT ATRIAL APPENDAGE VOLUMES WITH CLINICAL PATTERN OF AF</td>
<td>S. Verma, E. Charaf, N. Garg, Cardiology Consultants, Pensacola, FL, USA</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>435</td>
<td>IS IT SAFE TO USE REGADENOSON FOR PHARMACOLOGIC STRESS MYOCARDIAL PERFUSION IMAGING IN END STAGE RENAL DISEASE PATIENTS ON DIALYSIS? FIRST CLINICAL REPORT OF 12 PATIENTS</td>
<td>Z. Husain, G. Palani, A. Karthikeyan, V. Karthikeyan, K. Ananthasubramaniam St Joseph Mercy Oakland, Pontiac, MI, USA</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>437</td>
<td>DOES PERIPROCEDURAL MYONECROSIS AFTER MAIN VESSEL STENTING OF CORONARY BIFURCATIONS OCCUR? ASSESSMENT BY MEANS OF MRI DELAYED ENHANCEMENT</td>
<td>A. Michalek, D.I. Vassilev, R.J. Gil, T. Pawlowski, T. Kulawik Central Hospital of the Internal Affairs and Administration Ministry, Poland</td>
<td></td>
</tr>
</tbody>
</table>

P502  Poster Session
ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY

<table>
<thead>
<tr>
<th>No.</th>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6</td>
<td>438</td>
<td>EFFECT OF EARLIER DOOR TO BALLOON TIMES ON USE OF ADJUNCTIVE MEDICATIONS, AND RESULTANT PROCEDURAL SUCCESS IN STEMI</td>
<td>J.R. Cook, L.W. Klein, J. Chow, R. Marok, P.J. Stecy, K. Magurany Illinois Masonic Medical Center, Chicago, IL, USA</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>7</td>
<td>439</td>
<td>MECHANISM OF ELECTRICAL STIMULATION-INDUCED PRE- AND POST-CONDITIONING</td>
<td>X. Ren, Y. Liu, M. Tranter, M. Wilhide, T. Forde, L. Haar, K. Jones University of Cincinnati, OH, USA</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>440</td>
<td>THROMBUS ASPIRATION IN AMI PATIENTS AFTER SYSTEMIC TLT COMBINED WITH EMERGENCY PCI</td>
<td>D.G. Iosseliani, A.G. Koledinsky, D.G. Gromov, N.V. Kuchkina, R.V. Zeynamov Moscow City Center of Interventional Cardioangiology, Moscow, Russia</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>441</td>
<td>NEIGHBORHOOD VARIATION IN RATE OF REVASCULARIZATION AMONG ACUTE MYOCARDIAL INFARCTION PATIENTS IN NEW YORK CITY</td>
<td>A. Negassa, Albert Einstein College of Medicine, Bronx, NY, USA</td>
<td></td>
</tr>
</tbody>
</table>
### P503 Poster Session

**INTERVENTIONAL CARDIOLOGY 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>10</td>
<td>442</td>
<td>PREDICTORS OF CORONARY INTERVENTION-RELATED MYOCARDIAL INFARCTION IN STABLE ANGINA PATIENTS PRETREATED WITH STATINS</td>
<td>J. Veselka, P. Hajek, M. Maly, D. Zemanek, R. Adlova, D. Tesar, L. Martinkovicova, P. Tomasov</td>
<td>CardioVascular Center, University Hospital Motol, Prague, Czech Republic</td>
</tr>
<tr>
<td>11</td>
<td>443</td>
<td>OUTCOMES OF PCI IN NONAGENARIANS</td>
<td>C.N. Ionescu, M. Amuchastegui, S.C. Ionescu, C.B. Marcu, A. Ghantous, S. Reddy</td>
<td>Hospital of Saint Raphael, New Haven, CT, USA</td>
</tr>
<tr>
<td>12</td>
<td>444</td>
<td>CLINICAL AND ELECTROCARDIOGRAPHIC CORRELATES OF NORMAL CORONARY ANGIOGRAPHY IN PATIENTS REFERED FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION</td>
<td>S.B. Prasad, D.A. Richards, N. Sadick, A.T. Ong, A. Narayan, P. Kooor</td>
<td>Westmead Hospital, Sydney, Australia</td>
</tr>
<tr>
<td>13</td>
<td>445</td>
<td>IMPACT OF RISK FACTORS ON VASCULAR COMPLICATIONS AFTER PRECUTANEOUS CORONARY INTERVENTIONS IN SHAHEED RAJAEE HEART CENTER</td>
<td>A.A. Yusefi, H. Farshidi, M. Madani, F. Shakeryan, H.R. Sanati, A. Firooz, N. Salehi</td>
<td>Hormozgan University, Bandar Abbass, Hormozgan, Iran</td>
</tr>
<tr>
<td>14</td>
<td>446</td>
<td>THE FACTORS ASSOCIATED WITH STENOSIS DEGREE IN CORONARY BIFURCATIONS INFLUENCE RESTENOSIS RATES AFTER SINGLE STENT IMPLANTATION IN CORONARY BIFURCATION LESIONS</td>
<td>D.I. Vassilev, R.J. Gil, A. Michalek, T. Kulawik, T. Pawlowski</td>
<td>Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland</td>
</tr>
</tbody>
</table>
## P504 Poster Session
**DIABETES MELLITUS, THE METABOLIC SYNDROME AND ATHEROSCLEROSIS: BASIC AND CLINICAL II**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>448</td>
</tr>
<tr>
<td>17</td>
<td>449</td>
</tr>
<tr>
<td>18</td>
<td>450</td>
</tr>
<tr>
<td>19</td>
<td>451</td>
</tr>
<tr>
<td>20</td>
<td>452</td>
</tr>
<tr>
<td>21</td>
<td>453</td>
</tr>
<tr>
<td>22</td>
<td>484</td>
</tr>
</tbody>
</table>

**16**
**THE EFFECT OF INSULIN ON INTRACELLULAR NA+ HOMEOSTASIS IN ISOLATED CARDIOMYOCYTES FROM DIABETIC RATS**  
A. Bilginoglu, H.B. Kandilci, B. Turan, Ankara University, Ankara, Turkey

**17**
**ASSOCIATION OF ADIPONECTIN AND THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE WITH IMPAIRED GLUCOSE TOLERANCE IN WOMEN**  
J. Methot, Y. Loucif, D. Brisson, D. Gaudet, Université de Montréal, Montréal, Canada

**18**
**RELATIONSHIP BETWEEN SLEEP QUALITY AND METABOLIC SYNDROME AND INFLAMMATORY MARKERS IN MIDDLE-AGED MEN IN KOREA**  
J.H. Cho, S.G. Kang, E.J. Lee, S.W. Song  
St.Vincent's Hospital, The Catholic University of Korea, Suwon, Gyeonggido, South Korea

**19**
**ERYTHROCYTE FRAGILITY IS INCREASED IN THE LDL RECEPTOR DEFICIENT MOUSE MODEL**  
K. Navab, S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA

**20**
**EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME**  
S.H. Kim, H.L. Lee, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim  
Seoul Metropolitan Boramae Hospital, Seoul National University, Seoul National University Hospital, Seoul, Korea

**21**
**CARDIOVASCULAR HEALTH PROFILE OF PATIENTS ENROLLED IN A CLINIC BASED DIABETES PREVENTION PROGRAM**  

**22**
**GENDER AND INFLAMMATION IN INDIVIDUALS WITH THE METABOLIC SYNDROME**  
I. Shapira, S. Berliner, O. Rogowski  
Tel Aviv Sourasky Medical Center, Tel Aviv, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

**P505 Poster Session**
**LIPID, LIPOPROTEIN DISORDERS AND CAD/ TREATMENT OF DYSLIPOPROTEINEMIA II**

**23**
**EXPERIMENTS ON THE MECHANISM OF FORMATION OF THE FATTY ACID HYDROPEROXIDES (HPODE AND HPETE)**  
D. Golchian, G. Hough, L. Vakili, S. Safarpoo, S. Hama  
David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA
TUESDAY, JULY 27, 2010

08:00 – 13:00  Poster Hall

Board No.          Abstract No.

24 EFFICACY ON LIPOPROTEIN PROFILE AND TOLERABILITY OF SUSTAINED RELEASE FORMULATION OF SIMVASTATIN: IS THERE ANY DIFFERENCE BETWEEN MORNING INTAKE OR NIGHTTIME GROUP? S.H. Kim, H.Y. Lee, J.B. Seo, J.H. Zo, M.A. Kim Seoul Metropolitan Boramae Hospital, Seoul Metropolitan Bukbu Geriatric Hospital, Seoul National University, Seoul, Korea

25 ANTI-INFLAMMATORY PEPTIDE COMBINATION ADDITIVELY RENDERS CARDIOMYOPATHY PATIENT PLASMA ANTI-INFLAMMATORY O. Elboudwarej, J.B. Kim, S. Hama, G. Hough, G. Fonarow David Geffen School of Medicine, Los Angeles, CA, USA

26 ACUTE REDUCTION OF LIPOPROTEIN A FOLLOWING LDL- APHERESIS MAY IMPROVE SYMPTOMS OF ANGINA D.G. Bulchandani, P. Moriarty, University of Kansas School of Medicine, Kansas City, KS, USA

27 THE DETERMINANTS OF RIGHT VENTRICULAR FAILURE IN PATIENTS ADMITTED WITH ACUTE RIGHT HEART FAILURE R.B. Berkowitz, E. Alhaj, K. Satya, R.B. Manchikalapudi, S. Dadfarmay Hackensack University Medical Center, Hackensack, NJ, USA

28 CEREBRAL HEMORRHAGE; PRECIPITATING EVENT FOR A TAKO-TSUBO-LIKE CARDIOMYOPATHY A.R. Rahimi, M. Katayama, J. Mills, Mercer U. School of Medicine, Savannah, Georgia, USA


31 TREATMENT WITH L-CARNITINE SIGNIFICANTLY IMPROVES DIASTOLIC HEART FAILURE AND SYMPTOMS A.R. Serati, M.R. Motamedi, S. Emami, P. Varedi, M.R. Movahed The Southern Arizona VA Health Care System, AZ, USA

32 THIAMIN SUPPLEMENTATION IN PATIENTS WITH CHRONIC HEART FAILURE RECEIVING FULL MEDICAL TREATMENT M. Mousavi, S. Namazi, M.R. Avadi Khatam-al-Anbia Hospital, Iran
TUESDAY, JULY 27, 2010

08:00 – 13:00  Poster Hall

P508 Poster Session
ARRHYTHMIAS AND ANTIARRHYTHMIC DRUG THERAPY: BASIC AND CLINICAL

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>464</td>
</tr>
<tr>
<td>34</td>
<td>465</td>
</tr>
<tr>
<td>35</td>
<td>466</td>
</tr>
<tr>
<td>36</td>
<td>467</td>
</tr>
<tr>
<td>37</td>
<td>468</td>
</tr>
<tr>
<td>38</td>
<td>469</td>
</tr>
<tr>
<td>39</td>
<td>470</td>
</tr>
</tbody>
</table>

A STRUCTURED AMIODARONE PROTOCOL FOR THE MANAGEMENT OF POST OPERATIVE ATRIAL FIBRILLATION IS EQUIVALENT TO INDIVIDUALIZED PHYSICIAN MANAGEMENT

M.J. Shih, M.G. Parikh, A. Khandelwal, R.S.D. Higgins, K. Krishnan
Rush University Medical Center, Chicago, IL, USA

THE PREVALENCE OF INTRA-VENTRICULAR CONDUCTION DELAY IN ATRIAL FIBRILLATION

E.A. Charaf, B.S. Abi-Saleh, P. Sultani, B. Omar, S. Verma
University of South Alabama, Mobile, Alabama, USA

SLOWING HEART RATE REDUCES INCIDENCE OF VENTRICULAR FIBRILLATION DURING ACUTE MYOCARDIAL INFARCTION – EXPERIMENTAL STUDY


ORAL ASCORBIC ACID IS EFFECTIVE IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CORONARY ARTERY BYPASS GRAFTING

M. Mousavi, M. Eslami, R. Sattarzadeh Badkoubeh, H. Radmehr, M. Salehi, N. Tavakoli, M.R. Avadi, Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran

ASSOCIATION OF WARFARIN USE WITH CHADS2 SCORE IN 441 PATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION AND NO CONTRAINDICATIONS TO WARFARIN


MULTIFACTORIAL QT INTERVAL PROLONGATION: THE RISK OF POLYPHARMACY

G.C. Digby, A.R. Perez Riera, R. Barbosa Barros, L. de Sousa Belem, C. Fong, M. Methot, F. Femenia, A. Baranchuk
Department of Cardiology, Kingston General Hospital, Queen's University, Kingston, ON, Canada

WHAT ARE THE RISK FACTORS FOR DEVELOPING ATRIAL FIBRILLATION IN HIV INFECTED PATIENTS?

Y. Elnahar, J. Daoko, N. Gupta, F. Shamoon, A. Al-dehneh, Seton Hall University, Newark, NJ, USA

P509 Poster Session
ADVANCES IN CARDIAC SURGERY

SELECTIVE MITOCHONDRIAL TRANSLOCATION OF PHOSPHORYLATED PKC\(\alpha\) IN VIABLE MYOCYTES OVEREXPRESSING UROCORTIN AFTER CARDIOPLEGIC ARREST AND REPERFUSION

C. Chen-Scarabelli, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, L. Saravolatz, T.M. Scarabelli, St John Hospital, Wayne State University, Detroit, MI, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>472</td>
</tr>
<tr>
<td>41</td>
<td>COMPARISON OF CORONARY ARTERY BYPASS GRAFTING VERSUS DRUG-ELUTING IMPLANTATION P.P. Pollice, S.E. Saad, P.F. Pollice, F.A. Fabiani University of Berne, Switzerland</td>
</tr>
<tr>
<td>42</td>
<td>473</td>
</tr>
<tr>
<td>42</td>
<td>LOWER TREND IN THE NATIONWIDE IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING CORONARY BYPASS SURGERY (CABG) IN THE UNITED STATES M.R. Movahed, R. Ramaraj, M. Hashemzadeh, University of Arizona Sarver Heart Center, Tucson, AR, USA</td>
</tr>
<tr>
<td>43</td>
<td>474</td>
</tr>
<tr>
<td>43</td>
<td>CAROTID INTIMA-MEDIA THICKNESS BY B-MODE ULTRASOUND AS SURROGATE OF CORONARY ATHEROSCLEROSIS M. Amato, P. Montorsi, A.L. Ravani, S. Galli, P.M. Ravagnani, E. Tremoli, D. Baldassarre, Monzino Cardiology Center, IRCCS, Italy</td>
</tr>
<tr>
<td>44</td>
<td>475</td>
</tr>
<tr>
<td>44</td>
<td>PREVIOUS PERCUTANEOUS CORONARY STENTING: A NEW RISK FACTOR IN CARDIAC SURGERY J. Rubio, J. Sierra, L. Reija, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, University Hospital Santiago de Compostela, Santiago de Compostela, Spain</td>
</tr>
<tr>
<td>45</td>
<td>476</td>
</tr>
<tr>
<td>45</td>
<td>EFFECT OF CABG ON QT INTERVAL DISPERSION AS A MEASURE OF INHOMOGENEITY IN VENTRICULAR REPOLARIZATION M. Nourizadeh, M. Alasti, S. Bahadoran, M. Asadmoghadam Department of Cardiology, Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran</td>
</tr>
<tr>
<td>46</td>
<td>477</td>
</tr>
<tr>
<td>46</td>
<td>REVASCULARIZATION OUTCOMES ON THE JOINT CARDIOLOGY-CARDIOTHORACIC MULTIDISCIPLINARY TEAM (MDT) MEETING W.K. Choo, R.A. Amersey, Whipps Cross University Hospital, London, UK</td>
</tr>
<tr>
<td>47</td>
<td>478</td>
</tr>
<tr>
<td>47</td>
<td>ASSESSMENT OF KIDNEY FUNCTION BY CYSTATIN C IN PATIENTS, AFTER CORONARY ARTERY BYPASS GRAFTING M. Ster, T. Pintar, M. Tesovnik, J. Osredkar, M. Skitek University Medical Centre, Ljubljana, Slovenia</td>
</tr>
</tbody>
</table>

**P510 Poster Session**

**CARDIAC TRANSPLANTATION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>479</td>
</tr>
<tr>
<td>48</td>
<td>THE USE OF IVUS FOR DIAGNOSIS AND MONITORING OF CARDIAC ALLOGRAFT VASCULOPATHY BY CARDIAC TRANSPLANT CENTERS IN THE UNITED STATES E. Panczyk, J.C. Copeland, M.R. Movahed, University of Arizona Sarver Heart Center, Tucson, AR, USA</td>
</tr>
<tr>
<td>49</td>
<td>480</td>
</tr>
<tr>
<td>49</td>
<td>PROTAMINE CAN BE SAFELY ADMINISTERED FOR HEPARIN REVERSAL FOLLOWING IVUS IN CARDIAC TRANSPLANT PATIENTS R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed The Southern Arizona VA Health Care System, Tucson, AZ, USA</td>
</tr>
<tr>
<td>50</td>
<td>481</td>
</tr>
<tr>
<td>50</td>
<td>CNI - FREE IM IN CARDIAC TRANSPLANTATION - A SINGLE CENTER EXPERIENCE M. Kondruweit, R. Tandler, M. Weyand, University of Erlangen, Bavaria, Germany</td>
</tr>
</tbody>
</table>