INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

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

SCIENTIFIC PROGRAM
Sunday, July 25, 2010
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
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)  001
      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)  003
      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)  004
      R. Kubant, T. Malinski, Ohio University, Athens, OH, USA

11:45  MOLECULAR REGULATION OF APOPTOSIS IN THE HEART: “TO BE OR NOT TO NF-KB (Invited Lecture)  005
      L.A. Kirshenbaum, University of Manitoba, Winnipeg, MB, Canada

12:00  MYELOPEROXIDASE: A MARKER AND MEDIATOR OF ACUTE CORONARY ARTERY DISEASE (Invited Lecture)  006
      J.G. Filep, University of Montreal, Canada

12:15  NOVEL CORONARY IMAGING AND MULTI-BIOMARKER STRATEGY FOR ACUTE CORONARY SYNDROME (Invited Lecture)  007
      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)  008
      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)  009
      M. Zahid, University of Pittsburgh, PA, USA

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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.

10:45  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

LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S22 Session
PEdiAtRIC CaRDioLOGy AND CaRDiac surGeRY/ COnGenItAL HEaRT DISEaSE

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

10:45 VALVE REPAIR IN RHEUMATIC MITRAL VALVE DISEASE
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
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
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
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
D. Sedmera, Z. Pesevksi, A. de Almeida, M. Mrug, V. Fresco, J. Barth, X. Cui, E. Krejci, R. Kockova, Institute of Physiology AS CR, Prague, Czech Republic

12:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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<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>
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<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>
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<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>
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<td>PRIMARY CILIA ARE MECHANOSENSORY ORGANELLES IN VASCULAR TISSUES</td>
<td>S.M. Nauli</td>
<td>The University of Toledo, Toledo, OH, USA</td>
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<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>
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<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>
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SUNDAY, JULY 25, 2010

08:00 – 13:00  Poster Hall

P104 Poster Session
NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Board No.          Abstract No.
8  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 039
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

9  A NEW EXTRACTION METHOD OF FETAL ELECTROCARDIOGRAM FROM MATERNAL ABDOMINAL SIGNALS 040
Y. Kimura, T. Ito, C. Chisaka, A. Aoyagi, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan

10  LOW DOSE HEPARIN CAN SAFELY BE ADMINISTERED DURING ROUTINE IVUS SHORTLY FOLLOWING ENDOMYOCARDIAL BIOPSY 041
R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed
The Southern Arizona VA Health Care System, Tucson, AZ, USA

11  BENEFITS OF SERIAL INTRAVASCULAR ULTRASOUND IN THE EVALUATION OF CARDIAC TRANSPLANT VASCULOPATHY 042
R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed
The Southern Arizona VA Health Care System, Tucson, AZ, USA

12  AN INTRAVASCULAR ULTRASOUND ANATOMICAL STUDY OF DISTAL LEFT MAIN STEM AND PROXIMAL LEFT ANTERIOR DECENDING ARTERIES IN A NORTHERN IRISH POPULATION 043
J.A. Shand, S.J. Walsh, C. Hanratty, I.B. Menown, A.J. McClelland, M. Spence, Craigavon Area Hospital, Belfast, UK

13  CASE REPORTS OF FETAL BRADYCARDIA DIAGNOSED BY FETAL ELECTROCARDIOGRAM VIA MATERNAL ABDOMEN 044
A. Aoyagi, Y. Kimura, T. Ito, C. Chisaka, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan

14  EFFECT OF FLUVASTATIN ON PROGRESSION OF CORONARY Atherosclerotic Plaque Evaluated By Intravascular Ultrasound Virtual Histology 045
Toyohashi Heart Center, Toyohashi, Aichi, Japan
**P105 Poster Session**

**DIABETES MELLITUS, THE METABOLIC SYNDROME ANDATHEROSCLEROSIS: BASIC AND CLINICAL I**

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<td>046</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</td>
<td>Vasile Goldis - West University, Arad, Romania</td>
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<td>METABOLIC SYNDROME IN INDIVIDUALS WITH NORMAL CONCENTRATIONS OF LIVER ENZYMES</td>
<td>I. Shapira, A. Steinvil, S. Berliner, O. Rogowski</td>
<td>Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel</td>
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<td>CONTINUOUS RELEASE OF THE PEPTIDE AIP18AA MARKEDLY REDUCES THE REQUIRED DOSE FOR IMPROVING PLASMA INFLAMMATORY INDEX</td>
<td>K. Navab, C. Chyu, S. Hama, G. Hough, R. Yu</td>
<td>David Geffen School of Medicine, UCLA, Los Angeles, CA, USA</td>
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<td>18</td>
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<td>ROSIGLITAZONE AMELIORATES ENDOTHELIAL DYSFUNCTION AND REDUCES LDL OXIDATION POSTPRANDIALLY IN PATIENTS WITH DIABETES MELLITUS</td>
<td>S. Pastromas, S. Kouloruis, D. Sakellariou, G. Ioannidis, H. Anninos, D. Tousoulis, N. Zakopoulos, C. Stefanadis, A.S. Manolis</td>
<td>First Department of Cardiology, Evangelismos Hospital, Athens, Greece</td>
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<td>19</td>
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<td>EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN OVERWEIGHT AND MORBIDLY OBESE PATIENTS</td>
<td>P.F. Burgos, A.J. Leal, A.R. Gagliardi</td>
<td>Clinica de Cirurgia Cardiovascular de Santos, Santos, SP, Brazil</td>
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<td>P WAVE DISPERSION IN PATIENTS WITH METABOLIC SYNDROME</td>
<td>A. Kassem, A. Boghdayd, M. Atia, Sohag Faculty of Medicine, Egypt</td>
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<td>ATRIAL TACHYARRHYTHMIAS NOT MORE FREQUENT AFTER EXPOSURE TO MRI IN PATIENTS WITH A SPECIALLY MODIFIED PACING SYSTEM</td>
<td>052</td>
<td>J.R. Gimbel, B.L. Wilkoff, E. Kanal, R. Sutton, M. Hull, A. Kalmes, T. Sommer, Cardiology Associates of East Tennessee, Knoxville, TN, USA</td>
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<td>ROUTINE DFT TESTING: IS IT NECESSARY DURING ICD GENERATOR REPLACEMENT?</td>
<td>053</td>
<td>H.H. Modi, A. Aeriachaipanich, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA</td>
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<td>23</td>
<td>IMPACT OF ACUTE RENAL IMPAIRMENT IN THE ABSENCE OF CHRONIC RENAL FAILURE ON ICD SHOCKS AND SUBSEQUENT MORTALITY</td>
<td>054</td>
<td>D. Chong, K.L. Ho, R. Liew, W.S. Teo, C.K. Ching, National Heart Centre, Singapore</td>
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<td>IS VDD PACING AN ACCEPTABLE OPTION IN PATIENTS WITH ISOLATED AV BLOCK AND INTACT SINOATRIAL NODE FUNCTION?</td>
<td>055</td>
<td>P.J. Parwani, D.R. Frisch, B.B. Pavri, University of Connecticut Health Center, Farmington, CT, USA</td>
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<td>TEMPORARY TRANSVENOUS CARDIAC PACING: BALLOON FLOTATION TECHNIQUE OR SEMI RIGID ELECTRODES, DOES IT MATTER?</td>
<td>056</td>
<td>W. Taggu, R.A. Gamma, Essex Cardiothoracic Centre, Basildon &amp; Thurrock University, Chelmsford, Essex, UK</td>
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<td>PACING AFTER CARDIAC SURGERY: HOW AND WHAT IS THE BEST?</td>
<td>057</td>
<td>J. Rubio, J. Sierra, D. Sanchez, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cerejo, C. Delgado, L. Rejia, University Hospital Santiago de Compostela, Santiago de Compostela, Spain</td>
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<td>RETAINED CARDIAC LEAD REMOVAL WITH THE COOK EVOLUTION SYSTEM: PRELIMINARY EXPERIENCE</td>
<td>058</td>
<td>A. Hurle, C. Vaquero, A. Garcia, A. Ibañez, J.L. Ibañez, J.G. Martinez, Hospital General Universitario de Alicante, Alicante, Spain</td>
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<td>IS TEMPORARY PACEMAKER NECESSARY DURING PULSE GENERATOR REPLACEMENT IN PACEMAKER DEPENDENT PATIENTS?</td>
<td>059</td>
<td>H.H. Modi, B. Rehan, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA</td>
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<td>SERIAL CHANGE OF STIMULATION THRESHOLD OF VENTRICULAR SCREW-IN LEADS AT IMPLANTATION AND THE RELATIONSHIP BETWEEN THE ACUTE AND CHRONIC STIMULATION THRESHOLD</td>
<td>060</td>
<td>E. Nakagawa, T. Oosawa, K. Ito, Y. Abe, R. Komatsu, K. Haze, T. Naruko, A. Ito, Osaka City General Hospital, Osaka, Japan</td>
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**P107 Poster Session**

**VALVULAR HEART DISEASE/ HEART VALVE SURGERY**

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<td>31 MODERATE TRICUSPID REGURGITATION ACCOMPANYING LEFT-SIDED HEART VALVE DISEASE: TO REPAIR OR NOT TO REPAIR? J.L. Navia, N. Brozzi, E.R. Nowicki, F.A. Atik, S. Al-Ruzzeh, L. Batizy, J. Zhong E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA</td>
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<td>32 THE 5-LIPOXYGENASE PATHWAY CORRELATES WITH THE ECHOCARDIOGRAPHIC PARAMETERS QUANTIFYING AORTIC STENOSIS SEVERITY E. Nagy, K. Caidahl, M. Eriksson, A. Franco-Cereceda, G.K. Hansson, M. Back Karolinska Institutet, Karolinska University Hospital, Stockholm, Sweden</td>
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<td>33 RADIOLOGIC DISTORTION OF THE BIOPROSTHESIS RING AND EARLY CALCIFICATION J. Rubio, J. Sierra, A. Martinez de Alegria, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reija University Hospital Santiago de Compostela, Santiago de Compostela, Spain</td>
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<td>34 CANDIDA ALBICANS ISOLATED FROM HUMAN FUNGEMIA INDUCE APOPTOSIS IN EXPERIMENTAL ENDOCARDITIS J.K. Olague Franco, M. Dominguez-Hernandez, J. Hernandez Canaverale, A. Plascencia-Hernandez, O.M. Meilhac University of Guadalajara, Guadalajara, Jalisco, Mexico</td>
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<td>35 INFECTIVE ENDOCARDITIS MORTALITY: HAS IT CHANGED SECONDARY TO THE CURRENT MANAGEMENT GUIDELINES W. Taggu, D.R. Turner Essex Cardiothoracic Centre, Basildon &amp; Thurrock University, Chelmsford, Essex, UK</td>
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<td>36 BIOGLUE DOES NOT PREDISPOSE TO ANASTOMOTIC PSEUDOANEURYSM IN THORACIC AORTIC SURGERY J. Weiner, S.A. Widman, Z. Golek, M. Tranquilli, J.A. Elefteriades Yale University, New Haven, CT, USA</td>
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<tr>
<td>37 PREVALENCE OF MITRAL REGURGITATION BY ETIOLOGY IN THE US ADULT POPULATION A.P. Badiye, G. Robalino, J. Junttila, S. Atapattu, M. Nakamura, E. de Marchena, Department of Medicine, University of Miami, Miami, FL, Tendyne Medical Inc, Baltimore, USA</td>
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<td>Time</td>
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<tr>
<td>14:00</td>
<td>GENETIC SUSCEPTIBILITY TO SUDDEN CARDIAC DEATH (Invited Lecture)</td>
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<td>14:15</td>
<td>DIAGNOSIS OF ARVC, MODIFICATION OF THE TASK FORCE CRITERIA (Invited Lecture)</td>
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<td>14:30</td>
<td>RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH: INSIGHTS FROM CLINICAL TRIALS (Invited Lecture)</td>
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<td>14:45</td>
<td>NONINVASIVE RISK ASSESSMENT IN BRUGADA SYNDROME (Invited Lecture)</td>
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<td>15:00</td>
<td>PERFORMANCE IMPROVEMENT FOR IMPLANTABLE DEVICE THERAPY IN THE OUTPATIENT SETTING: FINDINGS FROM IMPROVE HF (Invited Lecture)</td>
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<td>15:15</td>
<td>ISOLATED VENTRICULAR NONCOMPACTION: RISK FACTORS AND INDICATIONS FOR ICD THERAPY (Invited Lecture)</td>
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<td>15:30</td>
<td>THE LATEST IN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR THERAPY (Invited Lecture)</td>
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<td>15:45</td>
<td>THE IMPORTANCE OF REDUCING ICD SHOCKS (Invited Lecture)</td>
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<td>16:00</td>
<td>ROLE OF BIVENTRICULAR PACING IN PATIENTS WITH STANDARD PACING INDICATIONS (Invited Lecture)</td>
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<td>16:15</td>
<td>MYTHS, MAGICAL THINKING, AND MRI: SCANNING IMPLANTABLE RHYTHM DEVICE PATIENTS (Invited Lecture)</td>
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<tr>
<td>16:30</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
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SUNDAY, JULY 25, 2010

14:00 – 16:15  Hall B

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

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 OBSESE PATIENTS (Invited Lecture)
A. Elhendy, Marshfield, WI, USA

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

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**14:00 – 16:15  Hall C**

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**S23**  
**Session**  
**MOLECULAR CARDIOLOGY, BASIC RESEARCH**

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

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**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

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**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

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

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**14:45**  
**MITOGEN-ACTIVATED PROTEIN KINASE PHOSPHATASE-1 DEFICIENCY DECREASES ATHEROSCLEROSIS IN APOLIPOPROTEIN E KNOCKOUT MICE**  
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**  
Federal University of Minas Gerais, Belo Horizonte, MG, Brazil

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**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

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**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**  
Institute of Pathological Physiology, Faculty of Medicine, Masaryk University, Brno, Czech Republic

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**15:45**  
**SIGNALING PATHWAY INVOLVED IN ANTI-HYPERTРОPHIC EFFECTS OF ANGIOTENSIN-(1-7)/MAS AXIS IN CARDIOMYOCYTES**  
Federal University of Minas Gerais, Belo Horizonte, Brazil
16:00  ROLES OF BMP SIGNALING DURING MOUSE VALVULOGENESIS
L. Song, K. Jiao
The University of British Columbia, Vancouver, BC, Canada

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

14:00 – 16:30  Hall D

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 097
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? 098

14:30  OUTCOMES OF MINIMALLY INVASIVE VALVE SURGERY VERSUS MEDIAN STERNOTOMY IN PATIENTS ±75 YEARS OF AGE 099
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 100
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 101
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% 102
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 103
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 104
Orebro University Hospital, Orebro, Sweden
14:00 – 16:30 S24(cont.) Hall D

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

PL: 05  Plenary Session
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

Chairpersons:  
L.C. Becker, Baltimore, MA, USA  
J.D. Marsh, Little Rock, AR, USA

Abstract No.

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

17:00  CALCIUM CHANNEL EXPRESSION IN VASCULAR SMOOTH MUSCLE CELLS IS MODULATED BY CALCIUM CHANNEL SUBUNIT GENE TRANSFER  
(Supported Lecture)  
S. Telemaque, S.E. Flynn, T. Grain, M. Liu, J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA

17:15  GENETIC DISRUPTION OF NPR1 GENE STIMULATES RAS GENE EXPRESSION: ROLE IN CARDIAC HYPERTROPHY (Invited Lecture)  
K.N. Pandey, Tulane University Health Sciences Center, New Orleans, LA, USA

17:30  STUDIES OF THE GENETIC BASIS OF CONGENITAL HEART DEFECTS (Invited Lecture)  
N.E. Bowles, C.A. Gorbea, C.B. Arrington, University of Utah School of Medicine, Salt Lake City, UT, USA

17:45  INDUCTION OF MICRORNA-1 BY MYOCARDIN IN SMOOTH MUSCLE CELLS INHIBITS CELL PROLIFERATION (Invited Lecture)  
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)  
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)  
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)  
O. Kawarada, Stanford University Medical Center, Stanford, CA, USA

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

18:30  HYPOTENSIVE RESPONSES TO THE ALPHA2-ADRENERGIC AGONISTS ARE ENHANCED AND ACCOMPANYED BY INCREASED G PROTEIN COUPLING IN SPINOPHILIN NULL MICE  
University of Alabama at Birmingham, Birmingham, AL, USA
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
       A. Al-Hashimi, J. Caldwell, M. Gonzalez-Gronow, J.I. Weitz, H. Al-Bayati,
       J.G. Dickhout, R.C. Austin
       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-REA CTIVE 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
ANTI-PHOSPHATIDYL SERINE AUTOANTIBODY EXPRESSION AS A POTENTIAL BIOMARKER FOR PATIENTS WITH PREMATURE CORONARY EVENTS WITH ANTI-PHOSPHOLIPID SYNDROME

19:00

H.Y. Ali, Z.A. Abdullah, Technical & Health Institute, Zakho, Zakho-Kurdistan Region, Iraq

ALTERATION OF REDOX-MEDIATED VASCULAR THROMBOSIS WITH A NOVEL DERIVATIVE OF ASTAXANTHIN

19:15

**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

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<th>Institutions</th>
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<td>16:45</td>
<td>INCIDENCE OF MYOCARDITIS IN PATIENTS WITH DIABETIC CARDIOMYOPATHY</td>
<td>131</td>
<td>C. Chimenti, <strong>P. Severino</strong>, R. Verardo, F. Toscano, F. Fedele</td>
<td>La Sapienza University, Rome, Italy</td>
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<td>17:15</td>
<td>ECHOCARDIOGRAPHIC FEATURES OF ACUTE CARDIORENAL SYNDROME IN PATIENTS WITH ADVANCED HEART FAILURE</td>
<td>133</td>
<td><strong>S. Dadfarmay</strong>, E. Alhaj, R.L. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA</td>
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<td>DISTINCT TRAJECTORIES OF FATIGUE IN CHRONIC HEART FAILURE AND THEIR ASSOCIATION WITH PROGNOSIS</td>
<td>134</td>
<td><strong>O.R.F. Smith</strong>, N. Kupper, P. De Jonge, J. Denollet</td>
<td>Tilburg University, Tilburg, The Netherlands and University of Bergen, Bergen, Norway</td>
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<td>17:45</td>
<td>THE ROLE OF ANGIOTENSIN ON MITOCHONDRIAL ATP PRODUCTION AND THE EFFECT OF ANGIOTENSIN ON ADRIAMYCIN-INDUCED CARDIOMYOPATHY</td>
<td>135</td>
<td><strong>N. Dursun</strong>, E. Taskin, M.B. Yerer Aycan, K. Ozdogan, E. Kunduz</td>
<td>University of Erciyes, Kayseri, Turkey</td>
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<td>18:15</td>
<td>EFFICACY AND SAFETY OF CARPERITIDE FOR ACUTE HEART FAILURE: A MULTICENTER RANDOMIZED CONTROLLED DOSE-FINDING STUDY</td>
<td>137</td>
<td><strong>G. Wang</strong>, W. Liu, J. Zhang</td>
<td>Fu Wai Hospital and Chinese Academy of Medical Sciences, China</td>
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<td>18:30</td>
<td>FRACTIONAL EXCRETION OF SODIUM (FENA) AND WORSENING RENAL FUNCTION IN HEART FAILURE (HF) EXACERBATION</td>
<td>138</td>
<td><strong>N. Imran</strong>, V.A. DeBari, K.N. Mallah, F.E. Shamoosh</td>
<td>Trinitas Regional Medical Center, Elizabeth, NJ, USA</td>
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P200 Poster Session
PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION

Board No.          Abstract No.
1 140
PLASMIN INDUCES ENDOTHELIUM-DEPENDENT RELAXATION IN THE PORCINE CORONARY ARTERY
T. Fujiyoshi, K. Hirano, H. Kanaide
National Kyushu Medical Center, Japan

2 483
PRODRUGS OF ASTAXANTHIN FOR INFLAMMATORY MANIFESTATIONS OF OXIDATIVE STRESS IN CARDIOVASCULAR DISEASE
Cardax Pharmaceuticals, Inc., Aiea, John A Burns School of Medicine, Honolulu, HI, USA

P201 Poster Session
CONTRAST ECHOCARDIOGRAPHY

3 141
RELIABLE MYOCARDIA CONTRAST ECHOCARDIOGRAPHY BY USING VALUES OF INTENSITY DIFFERENCE
R. Kakihara, C. Naruse, H. Hironaka, T. Tsuzuku
Kakihara Clinic, Toyohashi, Aichi, Japan

P202 Poster Session
STRESS ECHOCARDIOGRAPHY

4 142
ATRIAL FIBRILLATION DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY: PATIENT CHARACTERISTICS AND OUTCOMES
Y. Acharya, J. Bhattarai, K. Cope, A. Qureshi, J. Shirani
Geisinger Medical Center, Danville, PA, USA

5 143
VALUE OF COMBINING LEFT ATRIAL SIZE AND E/E’ INDEX DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY
S. Enar, L. Sarac, Turkkiye Hospital, Istanbul, Turkey

6 144
QUANTITATIVE EXERCISE STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK
P. Kozlov, M. Prokudina, E. Malev, E. Shilyakhto, Federal Center of Heart, Blood and Endocrinology named V.A. Almazov, St. Petersburg, Russia

P203 Poster Session
TISSUE DOPPLER IMAGING

7 145
DIAGNOSTIC ACCURACY OF EXERCISE ECHOCARDIOGRAPHY WITH VISUAL ESTIMATION AND TISSUE DOPPLER IMAGING
M. Prokudina, E. Malev, P. Kozlov, E. Klokova, N. Tsai, I. Konstantinov, E. Shilyakhto, Federal Center of Heart, Blood and Endocrinology, St.Petersburg, Russia
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
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<td>13:30 – 18:30 Poster Hall</td>
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<td>Poster Session</td>
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<td>PRIMARY PREVENTION OF CORONARY ARTERY DISEASE/ RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE</td>
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<td>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</td>
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<tr>
<td>17</td>
<td>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</td>
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<td>18</td>
<td>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</td>
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<td>20</td>
<td>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</td>
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<td>21</td>
<td>EFFECT OF OPIUM ADDICTION ON NUTRITIONAL PATTERN OF PATIENTS WITH CARDIOVASCULAR DISEASES H. Derakhshanian, M. Zabihi, A. Amin, M. Maleki Tehran University, Tehran, Iran</td>
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<td>P207</td>
<td>Poster Session</td>
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<td>LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC CARDIOMYOPATHY</td>
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<td>22</td>
<td>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</td>
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<td>23</td>
<td>AMP ACTIVATED PROTEIN KINASE-Á2 PROTECTS HEART FROM LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE P. Zhang, X. Hu, X. Xu, Z. Lu, J. Fassett, R.J. Bache, Y.J. Chen University of Minnesota, Minneapolis, MN, USA</td>
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**SUNDAY, JULY 25, 2010**

**13:30 – 18:30**

**Poster Hall**

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**P208 Poster Session**

**PATHOPHYSIOLOGY OF HEART FAILURE**

- **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

- **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

- **HIGH DENSITY LIPOPROTEIN FROM CARDIOMYOPATHY PATIENTS IS NOT ANTI INFLAMMATORY**
  - J.B. Kim, G. Hough, G.C. Fonarow, **M. Navab**
  - David Geffen School of Medicine, University of California Los Angeles, CA, USA

**P209 Poster Session**

**ELECTROPHYSIOLOGICAL TECHNIQUES OF MAPPING AND ABLATION**

- **SPECTRUM OF FRACTIONATION IN THE LEFT ATRIUM DURING ATRIAL FIBRILLATION**
  - G. Monir, S. Pollak, Florida Hospital, Orlando, Florida, USA

- **IMPACT OF LEFT ATRIAL ANATOMY ON FREQUENCY OF COMPLEX FRACTIONATED ELECTROGRAMS**
  - S. Verma, N. Garg, E. Charaf, Cardiology Consultants, Pensacola, FL, USA

**P210 Poster Session**

**PRACTICE GUIDELINES/ COST CONTAINMENT**

- **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

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

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

- **DAY CASE PERCUTANEOUS CORONARY INTERVENTION IN SELECTED PATIENTS – A PILOT STUDY IN NORTHERN IRELAND**
  - E.C. Hodkinson, J.C. Murphy, H. Douglas, I.B.A. Menown, A.J. McClelland, M.S. Spence, C.G. Hanratty, **S.J. Walsh**
  - Cardiology Department, Belfast Health and Social Care Trust, Belfast, UK
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

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

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

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

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

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
### PL: 07  Plenary Session

**ADVANCES IN THE TREATMENT OF ANEURYSM / THORACIC AORTIC PATHOLOGY**

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

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<td>08:30</td>
<td>ASSESSMENT OF VASCULAR FUNCTION IN PAEDIATRIC CARDIOLOGY: AN IMPORTANT EMERGING CLINICAL AREA (Invited Lecture)</td>
<td><strong>G. Sandor</strong>, University of British Columbia, Vancouver, BC, Canada</td>
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<td>08:45</td>
<td>MANAGEMENT OF CARDIOVASCULAR DISEASE IN TURNER SYNDROME (Invited Lecture)</td>
<td><strong>A.T. Yetman</strong>, Primary Children's Medical Center, Salt Lake City, UT, USA</td>
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| 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** |
**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 ATEROGENESIS (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
MONDAY, JULY 26, 2010

08:30 – 10:30 Hall C

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. Sitta, L. Tomasoni, I. Bo, L. Gianturco, V. Magagnin, E. Caiani, M. Turiel

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

Abstract No.

08:30  NATIONAL SERVICE FRAMEWORK FOR CORONARY HEART DISEASE IN ENGLAND: 10 YEARS OF IMPLEMENTATION  
H. Swanton, R. Boyle  
The Heart Hospital, London, UK

08:45  PREVALENCE AND MANAGEMENT OF CARDIOVASCULAR DISEASE RISK FACTORS IN VON WILLEBRAND DISEASE PATIENTS  
M.Y. Lim, A. Eckerman, K. Schmidt, R. Pruthi  
Department of Internal Medicine, Mayo Clinic, Rochester, MN, USA

09:00  THE EFFECT OF CORONARY ARTERY DISEASE ON THE HEART RATE RESPONSE DURING A VALSALVA MANEUVER  
S.A. Atapattu, G. Robalino, A. Badiye, C. Marin, E. de Marchena  
University of Miami, Miami, FL, USA

09:15  DEPRESSION SUBTYPES, INFLAMMATION, AND NEW CORONARY HEART DISEASE (CHD) EVENTS IN PATIENTS WITH KNOWN CHD  
J.A. Shaffer, K.W. Davidson, D. Shimbo, Columbia University Medical Center, New York, NY, USA

09:30  THE TRIGLYCERIDE BUT NOT THE CHOLESTEROL CONTENT OF HDL IS ASSOCIATED WITH SIGNS AND SYMPTOMS OF STATIN INTOLERANCE  
Eccogene-21, Universite de Montreal, Chicoutimi, QC, Canada

09:45  EFFECT OF INTENSIVE LIFESTYLE CHANGES ON ENDOTHELIAL FUNCTION AND ON INFLAMMATORY MARKERS OF ATHEROSCLEROSIS  

10:00  STABLE NUCLEIC ACID LIPID PARTICLE MEDIATED GENE SILENCING AMELIORATES ATHEROGENIC HYPERLIPIDEMIA IN MICE  
Tekmira Pharmaceuticals Corporation, Burnaby, BC, Canada

10:15  PARADOXICAL SYSTOLIC BLOOD PRESSURE INCREASE AFTER GRADED EXERCISE PREDICTS Severe CORONARY ARTERY DISEASE AND ALL-CAUSE MORTALITY  
T.C. Su, M.F. Chen, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan

10:30  STATINS DO NOT AFFECT LDL AND HDL SUBFRACTIONS AND THEIR PARTICLE SIZES AMONG ASIAN INDIANS  
N.C. Bhalodkar, J. Loganathan, A. Mehta, D. Purwaha, S. Blum  
Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, NY, USA
10:45  EFFECT OF LOW DENSITY LIPOPROTEIN APHERESIS 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
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. Buentz, 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 CATHETER 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
MONDAY, JULY 26, 2010

10:45 – 12:45  Hall B

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. 221

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
10:45 – 13:30  Hall C

S29 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF CARDIOMYOPATHIES

Chairperson:  R.K. Goyal, Gujarat, India

Abstract No.

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 HYPERTRPHIC CARDIOMYOPATHY
J. Veselka, D. Zemanek, P. Tomasov, S. Homolova, R. Adlova
CardioVascular Center, University Hospital Motol, Prague, Czech Republic

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<th>Time</th>
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<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 N.C. Bhalodkar, <strong>H. Chelimilla</strong>, 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>
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<td>13:15</td>
<td>THE EFFECT OF ETHNICITY ON COMPUTERIZED ELECTROCARDIOGRAM MEASUREMENT OF COLLEGE ATHLETES <strong>J. Sadik</strong>, 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>
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<td>13:30</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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MONDAY, JULY 26, 2010

11:00 – 13:30   Hall D

S30  Session
ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT
Chairpersons:  G.L. Fung, San Francisco, CA, USA
                M. Yokota, Nagoya, Japan

Abstract No.

10:45  IMPACT OF KIDNEY DISEASE AND BLOOD PRESSURE ON THE DEVELOPMENT OF CARDIOVASCULAR DISEASE: RESULTS FROM THE JAPAN ARTERIOSCLEROSIS LONGITUDINAL STUDY
T. Ninomiya, Y. Kiyohara, Y. Tokuda, Y. Doi, H. Arima, A. Harada, Y. Ohashi, H. Ueshima, Kyushu University, Fukuoka, Japan

11:00  RELATIONSHIP BETWEEN DEPRESSION AND C-REACTIVE PROTEIN LEVELS AND FIRST CORONARY HEART DISEASE EVENT
K.W. Davidson, J.A. Shaffer, J.E. Schwartz, S.A. Kirkland, E. Mostofsky, D. Fink, D. Guernsey, D. Schimbo, Department of Medicine, Columbia University Medical Center, NY, USA

11:15  CAROTID DIAMETER IMPROVES THE CAROTID IMT CAPACITY TO PREDICT CORONARY EVENTS: DATA FROM THE IMPROVE STUDY
D. Baldassarre, M. Amato, E. Tremoli, on behalf of the IMPROVE study group
Department of Pharmacological Sciences, University of Milan, Italy

11:30  MORTALITY AND MORBIDITY FROM CORONARY HEART DISEASE IN GERMANY ATTRIBUTABLE TO PASSIVE SMOKING
J. Heidrich, J. Wellmann, P. Heuschmann, U. Keil
University of Muenster, Germany, Charite Universitaetsmedizin Berlin, Germany

11:45  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
M. El Shahawy, M. Entcheva, J.N. Cohn
Sarasota Memorial Hospital, Sarasota, Fl, USA

12:00  HOUSEHOLD FOOD INSECURITY AND OCCURRENCE OF CARDIAC RISK FACTORS IN YOUNG: WHO IS AT RISK?
A. Bajaj, D.D. Ramdath, M. Moghadasian, P.K. Singal
St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, MB, Canada

12:15  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
D.M. Eldringhoff, J.M. Backes, J.F. Ruisinger, J.S. Dutton, B.J. Barnes, J.M. Belmont, P.M. Moriarty
Kansas University Medical Center, Kansas City, KS, USA

12:30  ACUTE MYOCARDIAL INFARCTION IN YOUNG: WHO IS AT RISK?
S. Bajaj, N. Gupta, R. Parikh, N. Parikh, O. Alrabadi, A. Hamdan, M. Bikkina, F. Shamoon
St. Joseph's Regional Medical Center, Paterson, New Jersey, USA

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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                                                       |
| Board No. | Abstract No. | Title                                                                 | Authors                                                                                       | Institution                                                                 |
|----------|-------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1        | 251         | STATURE, GUIDE CATHETER SIZE, AND ENZYME LEAKS FOLLOWING PERCUTANEOUS  | C. Fuller, T. Dewhurst, R. Fletcher, M. Gregg, R. Salazar, J. Jesurum                      |
|          |             | CORONARY INTERVENTIONS                                               | Swedish Medical Center, Seattle, WA, USA                                                     |
| 2        | 252         | PLATELET ACTIVATION PROFILE IN PATIENTS WHO UNDERWENT CAROTID VERSUS  | M. Camera, D. Trabattoni, E. Tirloni, A.S. Ghulam, M. Brambilla, P. Canzano,              |
|          |             | CORONARY STENT REVASCULARIZATION                                     | A. Bartorelli, E. Tremoli, P. Montorsi, Centro Cardiologico Monzino IRCCS, Milan, Italy      |
| 3        | 253         | ACETYLTRANSFERASE ACTIVITY AS A PREDICTOR OF IN-STENT STENOSIS IN THE  | D.G. Iosselliani, I.E. Kuznetzova, S.P. Semitko                                           |
|          |             | FOLLOW-UP AFTER CORONARY STENTING                                   | Moscow City Center of Interventional Cardioangiology, Moscow, Russia                        |
| 4        | 254         | THE USE OF A STENT DELIVERY SYSTEM (HEARTAIL II CATHETER) AS A       | H. Hadi, V. Frooq, T. Hamid, R. Khattar, D. Fraser, M. Mamas                              |
|          |             | THROMBECTOMY DEVICE IN SAPHENOUS VEIN GRAFT INTERVENTION; A NOVEL     | Manchester Heart Centre, Manchester Royal Infirmary, Oxford Road, UK                        |
| 5        | 255         | EVALUATION OF PERCUTANEOUS CORONARY INTERVENTION WITH STENTING ON     | M. Nourizadeh, M. Adel, A. Hosseinzadeh                                                    |
|          |             | IMPROVEMENT OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH SINGLE      | Imam Khomeini Hospital, Jondishapur University of Medical Sciences, Ahwaz, Russia         |
|          |             | VESSEL CORONARY ARTERY DISEASE                                       |                                                                                             |
| 6        | 256         | DOES OPERATOR EXPERIENCE HAVE AN IMPACT ON LONG-TERM RESULTS AFTER  | J. Rzezak, D.I. Vassilev, S. Golebiowski, T. Pawlowski, T. Kulawik, R.J. Gil              |
|          |             | IVUS - GUIDED BARE-METAL STENT IMPLANTATION? RESULTS OF THE            | Central Hospital of the Internal Affairs and Administration Ministry, Warsaw, Poland       |
|          |             | RANDOMIZED TRAIL DESIVUS                                              |                                                                                             |
|          |             |                                                                          |                                                                                             |
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| 7        | 257         | PREDICTING ATHEROSCLEROSION: AN EXAMINATION OF THE INTIMA-MEDIA        | T. Brittain, N. Gloyeske                                                                   |
|          |             | THICKNESS OF THE CAROTID AND CORONARY ARTERIES                       | Kansas City University of Medicine and Biosciences, Kansas City, MO, USA                   |
| 8        | 258         | LOW-DOSE ADMINISTRATION OF ATORVASTATIN CAN PREVENT PROGRESSION OF    | T. Hirohashi, E. Tomaru, K. Nakamura, T. Tomaru                                           |
|          |             | CAROTID ARTERIOSCLEROSIS                                              | Toho University, Sakura, Japan                                                              |
| 9        | 259         | THE EPIDEMIOLOGY OF PERIPHERAL ARTERIAL DISEASE (PAD) IN HIV-INFECTED  | A. QaQa, N. Mohammad, A. Isbitan, V. Debari, K. El-Kersh, R. Sison,                       |
|          |             | PATIENTS                                                               | M. Bisharat, J. Slim, G. Perez, F. Shamoon                                                |
|          |             |                                                                          | Seton Hall University/St Michaels Medical Center, Newark, NJ, USA                          |
### P305 Poster Session

**PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ASHEROTHROMBOTIC DISEASE**

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<tr>
<td>ENDOETHERIAL DYSFUNCTION AND CORONARY MICROCIRCULATION IN YOUNG RENAL TRANSPLANT RECIPIENTS</td>
<td>S. Sitia, L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy</td>
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<td>DIASTOLIC BLOOD PRESSURE REDUCTION AS A PRIMARY MARKER OF STEP IN METABOLIC SYNDROME</td>
<td>K.J. Sabourin, M.I. Stuckey, S. Shapiro, K. Draudt, C. Munoz, R.J. Petrella, University of Western Ontario, School of Kinesiology, ON, Canada</td>
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<td>INTEGRATED PRIMARY CARDIOVASCULAR PREVENTION PROGRAMME – EXPERIENCES AND POSITIVE RESULTS FROM THE SLOVENIAN MODEL</td>
<td>Z. Fras, M.F. Kenda, University Medical Centre Ljubljana, Division of Internal Medicine, Prev Cardiology Unit, Slovenia</td>
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<td>RISK FACTORS OF ACUTE MYOCARDIAL INFARCT DATA OF HEALTH IN THE PARI SP-SP</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>
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### P306 PULMONARY ASPECTS, PULMONARY HYPERTENSION

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<td>EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON TEI INDEX IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME</td>
<td>S. Koga, S. Ikeda, T. Yasunaga, T. Nakata, K. Maemura Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan</td>
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<tr>
<td>PULMONARY HYPERTENSION IN IPF: DOES SEVERITY MATTER?</td>
<td>O. Minai, F. Santacruz, K. McCarthy, J. Alster Cleveland Clinic, Cleveland, Ohio, USA</td>
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<tr>
<td>PNEUMONIA AND PULMONARY HYPERTENSION</td>
<td>T.M. Abu Sharifeh, W.I. Khalife, V.K. Mukku UTMB, Galveston, TX, USA</td>
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<td>ELECTROCARDIOGRAPHIC ABNORMALITIES IN SEvere Versus Mild Or Moderate CHRONIC OBSTRUCTIVE PULMONARY DISEASE</td>
<td>D. Holtzman, W.S. Aronow, M. Mellanna, M. Sharma, N. Mehta, D. Chandy New York Medical College, Valhalla, NY, USA</td>
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Board No.          Abstract No.  

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
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<td>ETIOLOGIES OF SYNCOPE IN 325 CONSECUTIVE PATIENTS HOSPITALIZED FOR SYNCOPE 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</td>
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<td>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</td>
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<tr>
<td>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</td>
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<td>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</td>
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<td>EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON RENAL FUNCTION IN OBRUCTIONS OR HEAD SYNDROME S. Ikeda, S. Koga, T. Nakata, T. Yasunaga, K. Maemura Nagasaki University, Nagasaki, Japan</td>
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<td>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</td>
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MONDAY, JULY 26, 2010

14:00 – 16:15 Hall A

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)  
      E.L. Barrett-Connor, University of California, San Diego, La Jolla, CA, USA  296

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

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

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)  
      M. Yokota, M. Nakatobi, S. Miyata, D. Tanimura, H. Asano, S. Ichihara, K. Naruse, T. Matsubara, Aichi-Gakuin University, Nagoya, Japan  299

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

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

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

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 HYPOOTHERMIC 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. Moomiaie, 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. Sanatkarfar, 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
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<td>14:00</td>
<td>VICTIMS OF SUDDEN CARDIAC DEATH WITH AMBIGUOUS AUTOPSIES: POTENTIAL FOR INNOCENT INTERPRETATION?</td>
<td>H. Raju, M. Papadakis, M. Govindan, R. Bastiaenen, N. Chandra, N. Edwards, A. O'Sullivan, M. Sheppard, S. Sharma</td>
<td>St George's University of London, UK</td>
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<td>14:15</td>
<td>THE DIAGNOSTIC YIELD OF BRUGADA SYNDROME IN VICTIMS OF SUDDEN ARTHYMIC DEATH SYNDROME: AN UNDERESTIMATED ENTITY?</td>
<td>M. Papadakis, N. Chandra, H. Raju, R. Bastiaenen, A. O'Sullivan, T. Fonseca, E. Sawyer, N. van Niekerk, S. Sharma</td>
<td>St George's University of London &amp; University Hospital Lewisham, UK</td>
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<td>14:30</td>
<td>C-REACTIVE PROTEIN: A NEW MARKER OF ARTHYMIC EVENT IN BRUGADA SYNDROME?</td>
<td>A. Bonny, F. Larrazet, I. Ditah, F. Hidden-Lucet, G. Fontaine, R. Frank</td>
<td>Hopital Saint Camille, Bry Sur Marne, France</td>
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<td>14:45</td>
<td>ECG SCREENING OF 32,000 YOUNG ADULTS FOR SUDDEN CARDIAC DEATH (SCD) UTILIZING TRAINED COMMUNITY VOLUNTEERS: REPORT OF OUR EXPERIENCE</td>
<td>J.C. Marek, J. Davis, V. Bufalino, K. Marek, Midwest Heart Foundation, Lombard, Illinois, USA</td>
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<td>15:00</td>
<td>IS MINIMALLY INVASIVE LEFT VENTRICULAR EPICARDIAL LEAD IMPLANTATION THE BEST TREATMENT OPTION FOR BIVENTRICULAR PACING IN PATIENTS WITH HEART FAILURE?</td>
<td>J.L. Navia, N. Brozzi, F.A. Atik, E.R. Nowicki, S. Al-Ruzzeh, E. Sepulveda, E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA</td>
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<td>15:15</td>
<td>SAFETY AND EFFECTIVENESS OF PRIMARY PROPHYLAXIS CARDEOVERTER-DEFIBRILLATORS IN OCTOGENERIANS</td>
<td>W.J. Strime, S. Koplik, H.R. Chen, J. Song, S.K.S. Huang</td>
<td>Texas A&amp;M University Health Science Center, Scott and White Hospital and Clinic: Section of Cardiac Electrophysiology and Pacing, TX, USA</td>
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<td>15:30</td>
<td>FALLING INCIDENCE OF VENTRICULAR FIBRILLATION INCIDENCE AMONG OUT-OF-HOSPITAL CARDIAC ARRESTS</td>
<td>J. Jensen, C. Torp-Pedersen, S.L. Nielsen, G.H. Gislason, F.K. Lippert, F. Folke</td>
<td>Copenhagen University Hospital, Gentofte, Denmark</td>
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<tr>
<td>15:45</td>
<td>OLDER AGE AND ANEMIA MAY PREVENT LEFT ATRIAL REVERSE REMODELING AFTER CARDIAC RESYNCHRONIZATION THERAPY</td>
<td>A.S. So, H.B. Mukhtar, T. McConnell, V. Cotorlan, C. Wenger, F. Maguire, J. Shrirani, Geisinger Medical Center, Danville, PA, USA</td>
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<td>M. Simon, J. Sperzel, Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany</td>
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</tbody>
</table>
MONDAY, JULY 26, 2010

14:00 – 16:45 S32 (cont.) Hall D

16:00 ONE-YEAR CHRONIC PERFORMANCE OF A 1.1MM ELECTRODE SPACING ATRIAL LEAD IN ICD RECIPIENTS (ASTER STUDY)

Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany

16:15 RISK FACTORS FOR REHOSPITALIZATION FOR SYNCOPE AND FOR LONG-TERM MORTALITY IN 325 CONSECUTIVE PATIENTS HOSPITALIZED FOR SYNCOPE

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

16:30 DIAGNOSIS OF UNEXPLAINED CARDIAC ARREST: ROLE OF LONG QT SYNDROME GENETIC SCREENING

L. Tercedor-Sanchez, J. Jimenez-Jaimez, M. Alvarez-Lopez, R.S. Galdeano, R. Melgares-Moreno, Virgen de las Nieves Hospital, Granada, Spain

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
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

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

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

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

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

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

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

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

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
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<th>Institution</th>
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<tr>
<td>16:45</td>
<td>A ROLE FOR TOLL-LIKE RECEPTOR 3 VARIANTS IN HOST SUSCEPTIBILITY TO ENTEROVIRAL MYOCARDITIS AND DILATED CARDIOMYOPATHY</td>
<td>C. Gorbea, K.A. Makar, M. Pauschinger, H.P. Schultheiss, J.A. Towbin, J.G. Vallejo, N.E. Bowles</td>
<td>University of Utah, Salt Lake City, UT, USA</td>
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<td>17:00</td>
<td>THE 4399MET ALLELE OF THE LPA GENE EXPLAINS THE ASSOCIATION BETWEEN THE CCTC HAPLOTYPE AND CORONARY HEART DISEASE</td>
<td>D. Shiffman, J.Z. Louie, C.M. Rowland, M.J. Malloy, J.P. Kane, J.J. Devlin</td>
<td>Celera, Alameda, CA, USA</td>
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<td>17:15</td>
<td>MYOCARDIAL REGENERATION STUDY: IN VITRO COMPARISON OF HUMAN FETAL PLACENTA VERSUS BONE MARROW DERIVED MESECHYMAL STEM CELLS</td>
<td>D. Xu, M.N. Duong, B.L. Yen, C. Renzo, R. Chiu</td>
<td>McGill University-Montreal General Hospital, Montreal, QC, Canada</td>
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<td>17:30</td>
<td>GENETIC POLYMORPHISMS AND PLASMA LEVELS OF MATRIX METALLOPROTEINASES IN ACUTE MYOCARDIAL INFARCTION</td>
<td>S.M.H. Ghaderian, R. A.kbarzadeh Najar, A.S. Tabatabaei Panah, H. Vakili</td>
<td>Shahid Beheshti University of Medical Sciences and Health Services, Iran</td>
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<td>17:45</td>
<td>REGENERATION OF INFRACTED MYOCARDIUM WITH NUTRITIONALLY MODIFIED CARDIAC STEM CELLS</td>
<td>D.K. Das</td>
<td>Cardiovascular Research Center, University of Connecticut, CT, USA</td>
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S34  Session
ARRHYTHMIA II: DIAGNOSES, DRUG THERAPY/ABLATION

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

Abstract No.

16:45  CLINICAL IMPACT OF IMAGE INTEGRATION SYSTEM FOR CATHETER
       ABLATION OF PERSISTENT/PERMANENT ATRIAL FIBRILLATION
       P.F. Pollice, F.A. Fabiani, S.E. Saad, P.P. Pollice, University of Berne, Switzerland

17:00  PREDICTORS AND OUTCOME OF HOSPITALIZED PATIENTS WITH
       ATRIAL FIBRILLATION AND ELEVATED CARDIAC ENZYMES
       K.L. Vinales, H.P. Chaliki, M.Q. Najib, P. Surapaneni, V. Marupakula
       Mayo Clinic, Scottsdale, AZ, USA

17:15  ATRIAL FIBRILLATION: HOW FAR WE ARE FROM IDEAL MANAGEMENT?
       A. Shah, V. Manglam, V. Sharma, H. Singh, N.P. Waterfield, S.D. Rosen,
       C.M. Bellamy, Glan Clwyd Hospital, Bodelwyddan, London, UK

17:30  ABLATION OF PERSISTENTLY INDUCIBLE AV NODAL REENTRY
       TACHYCARDIA UTILIZING A LEFT ATRIAL APPROACH
       R.C. Klein, McKay-Dee Hospital Center, Ogden, Utah, USA

17:45  THE RELATIONSHIP OF LEFT ATRIUM LINEAR DIMENSIONS TO LEFT
       ATRIUM VOLUME MEASURED BY CARDIAC MULTI-DETECTOR COMPUTED
       TOMOGRAPHY (MDCT) IN PATIENTS WITH ATRIAL FIBRILLATION
       E.A. Charaf, S. Verma, University of South Alabama, Mobile, Alabama, USA

18:00  DO ALL ATRIAL FIBRILLATION PATIENTS REQUIRE IN-HOSPITAL
       LOADING OF DOFETILIDE AND SOTALOL?
       K. Agusala, A. Oesterle, T. Caprio, R. Passman, Northwestern Memorial Hospital,
       Chicago, IL, USA
### P401 MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

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<tr>
<td>SRC TYROSINE KINASE FAMILY IS A NOVEL UPSTREAM MODULATOR OF STAT3 ACTIVATION IN UROCORTIN-MEDIATED SIGNAL TRANSDUCTION</td>
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<td>St John Hospital &amp; Medical Center, Wayne State University, USA</td>
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<td><strong>2</strong></td>
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<tr>
<td>THE ANTI-OXIDATIVE EFFECT OF PROPOFOL ON ANGIOTENSIN-II INDUCED APOPTOSIS IN NEONATAL RAT CARDIOMYOCYTES</td>
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<tr>
<td>Department of Anesthesiology, and Institute of Clinical Medical Sciences, and Research Group of Cardiovascular Biology, China Medical University and Hospital, Taichung, Taiwan</td>
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<td><strong>3</strong></td>
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<td>GPRE-CONDITIONING H IN MICE FETAL HEART AFFECTED BY MATERNAL MALNUTRITION</td>
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<td><strong>T. Ito</strong>, K. Tanabe, K. Funamoto, C. Aoyagi, H. Chisaka, N. Yaegashi, K. Okamura, Y. Kimura, Tohoku University, Japan</td>
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<td>HUMAN CARDIAC KV4.3 CHANNELS ARE REGULATED BY EGFR KINASE AND SRC-FAMILY KINASES</td>
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<td><strong>Y.H. Zhang</strong>, C.P. Lau, G.R. Li, The University of Hong Kong, Hong Kong</td>
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<td>CHRONOLOGICAL STUDY OF CELLULAR DEATH IN SITU IN GUINEA PIG HEART SUBJECTED TO DIGITALIC INTOXICATION</td>
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<tr>
<td>Instituto Nacional de Cardiologia &quot;Ignacio Chavez&quot;, Mexico</td>
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<td><strong>6</strong></td>
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<td>ONE GENE, TWO DISEASES: SCN5A AND ITS ROLE IN LONG QT AND BRUGADA SYNDROMES</td>
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<td><strong>J.L. Neo</strong>, P.L. Chong, S.H. Yap, L.S.H. Gan, Y.Y. Yong, M. Uttamchandani</td>
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<td>DSO National Laboratories, Singapore, Singapore</td>
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<tr>
<td>HYPOXIC STRESS IN CYSTATHIONINE GAMMA-LYASE-DEFICIENT SMOOTH MUSCLE CELLS</td>
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<td><strong>S.A. Bryan</strong>, G. Yang, R. Wang, <strong>N. Khaper</strong></td>
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<tr>
<td>Lakehead University, Thunder Bay, ON, Canada</td>
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### P402 VASCULAR BIOLOGY, BASIC RESEARCH II

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<td>FCGR-DEFICIENCY ON HEMATOPOIETIC CELLS LIMITS INFLAMMATORY RESPONSES AND PROTECTS AGAINST Atherosogenesis IN MICE</td>
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P404 ECHOCARDIOGRAPHY

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9                357 SPECKLE TRACKING ECHOCARDIOGRAPHY DETECTS PRECLINICAL CARDIAC INVOLVEMENT IN YOUNG RENAL TRANSPLANT RECIPIENTS
S. Siti, L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel, Cardiology Unit, Department of Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy

10                358 A NOVEL TWO-DIMENSIONAL ECHOCARDIOGRAPHIC FINDING IN CARDIAC AMYLOIDOSIS

11                359 IS DISCRETE HYPERTROPHY OF THE UPPER SEPTUM A VARIANT OF HYPERTROPHIC CARDIOMYOPATHY?
D.M. Spevack, G.P. Srinivas, Montefiore Medical Center, Bronx, NY, USA

12                360 ECHOCARDIOGRAPHIC FINDINGS IN THE EARLY DIAGNOSIS OF DIABETIC CARDIOMYOPATHY
S. Enar, L. Sarac, Turkiye Hospital, Istanbul, Turkey

13                361 ECHOCARDIOGRAPHY FOR PROCEDURAL GUIDANCE: A UNIVERSITY EXPERIENCE
T.W. Smith, W.J. Bommer, UC Davis, Sacramento, CA, USA

14                362 NOVEL ECHOCARDIOGRAPHIC VIEW OF THE ASCENDING THORACIC AORTA
K.A. Curtis, R. Silverman, S. Loucks, W.D. Grant, Heart Care Center, East Syracuse, NY, USA

15                363 CHANGES OF CORONARY SINUS DIAMETER IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT
M.J. Alemzadeh Ansari, F. Ahmadi, M. Nourizadeh, M. Leilizadeh Jundishapour University of Medical Sciences, Ahvaz, Iran

P405 SYSTEMIC HYPERTENSTION: BASIC AND CLINICAL

16                364 INFLUENCE OF WHITE COAT HYPERTENSION ON THE DEVELOPMENT SUSTAINED HYPERTENSION IN CHILDREN AND ADOLESCENTS
C. Esis, M. Bracho, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez Instituto de Enfermedades Cardiovasculares, Universidad del Zulia, Maracaibo, Venezuela

17                365 IN CHILDREN AND ADOLESCENTS WITH WHITE COAT HYPERTENSION: IS LEFT VENTRICULAR MASS INDEX ASSOCIATED WITH NEW-ONSET HYPERTENSION?
M. Bracho, C. Esis, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez, G. Calmon, Instituto de Enfermedades Cardiovasculares, Universidad del Zulia, Maracaibo, Venezuela

18                366 CARDIAC AUTONOMIC DYSFUNCTION IN TREATED HYPERTENSIVES
N.K. Agarwal, S.K. Agarwal, Agarwal Health Center, East Orange, NJ, USA
MONDAY, JULY 26, 2010

13:30 – 18:00  Poster Hall

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<td>REVERSAL OF STAGE-I HYPERTENSION BY BEHAVIOURAL INTERVENTION: 18 MONTH STUDY IN URBAN BANGLADESH</td>
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<tr>
<td>A.K.M. Alamgir, S.M.K. Ali, <strong>K.M.H.S. Haque</strong></td>
<td>Dhaka National Medical College, Bangladesh</td>
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<td>RELATION OF THE BRACHIAL-ANKLE PULSE WAVE VELOCITY TO LEFT VENTRICULAR DIASTOLIC FUNCTION</td>
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<td><strong>K.J. Lee</strong>, W.S. Lee, S.W. Kim, T.H. Kim, C.J. Kim, W.S. Ryu</td>
<td>College of medicine, Chung-Ang University, Seoul, Korea</td>
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<td>21</td>
<td>DIAGNOSIS, TREATMENT, AND REFERRAL OF HYPERTENSION IN AN EMERGENCY DEPARTMENT BEFORE AND AFTER AN EDUCATIONAL PROGRAM</td>
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<td>EXERCISE TRAINING TEST IN ANTIHYPERTENSION THERAPY</td>
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<td>T.E. Tulintseva, <strong>E.V. Parmon</strong>, E.R. Berngardt, T.V. Treshkur, E.V. Shlyakhto</td>
<td>The Federal Heart, Blood and Endocrinology centre named after V.A. Almazov, St. Petersburg, Russia</td>
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<td>OBESE HYPERTENSIVES REBOUND SBP LEVELS FASTER UPON ANTIHYPERTENSIVE DISCONTINUATION IN LATIN AMERICA</td>
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<td><strong>M. De Britto Pereira</strong>, MSD Latin America Office, Mexico</td>
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<td><strong>P406</strong></td>
<td>LIPID, LIPOPROTEIN DISORDERS AND CAD/ TREATMENT OF DYSLIPOPROTEINEMIA I</td>
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<td>IMPROVING THE ASSAY FOR DETERMINATION OF DYSFUNCTIONAL HIGH DENSITY LIPOPROTEINS (HDL): DETERMINATION OF HDL FUNCTION USING A CELL FREE ASSAY</td>
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<tr>
<td><strong>M. Navab</strong>, J.Y. Yu, S. Hama, G. Hough, David Geffen School of Medicine, University of California, Los Angeles, USA</td>
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<td><strong>P407</strong></td>
<td>PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME</td>
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<td>PREVALENCE OF AUTOANTIBODIES TO BNP IN NORMAL DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS</td>
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<td><strong>M. Adamczyk</strong>, R.J. Brashear, P.G. Mattingly</td>
<td>Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA</td>
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<td>HEAT ENERGY IN THE TREATMENT OF HEART FAILURE</td>
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<tr>
<td><strong>T. Mussivand</strong></td>
<td>University of Ottawa Heart Institute, Ottawa, Ontario, Canada</td>
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**MONDAY, JULY 26, 2010**

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**13:30 – 18:30 Poster Hall**

**P408 Poster Session**

**PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE**

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### 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**


*S.B. Zaets*

Bakoulev Center for Cardiovascular Surgery, Moscow, Russia
SCIENTIFIC PROGRAM
Tuesday, July 27, 2010
08:30 – 11:00  Hall A

PL: 15  Plenary Session
WHAT IS NEW IN CARDIOMYOPATHIES?

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

Abstract No.

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, Charite – 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. Kououris, 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
R. Ramaraj, M.R. Movahed, University of Arizona, Tucson, AZ, USA

10:45 ADIPONECTIN EXPRESSION IN PATIENTS WITH INFLAMMATORY CARDIOMYOPATHY INDICATES FAVOURABLE OUTCOME AND INFLAMMATION CONTROL

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

08:30 – 10:30

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

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
<table>
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<th>Time</th>
<th>Session</th>
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<tr>
<td>08:30</td>
<td>S35</td>
<td>IN-SITU ENDOTHELIALISATION POTENTIAL OF A NOVELnanocomposite polymer coating for coronary stents</td>
<td>R. Bakhshi, H. Ghanbari, M. Marashi, A. Darbyshire, G. Hamilton, A.M. Seifalian, Division of Surgery and Interventional Science, University College London, UK</td>
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<tr>
<td>09:00</td>
<td></td>
<td>36-MONTH CLINICAL OUTCOME OF PROSPECTIVE MULTI-CENTER registry of excel biodegradable polymer drug eluting stents (CREATE)</td>
<td>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</td>
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<tr>
<td>09:15</td>
<td></td>
<td>DOES GENDER INFLUENCE RESTENOSIS AFTER CAROTID ARTERY STENTING?</td>
<td>D. Mannheim, T. Salamon, R. Karmeli, Carmel Medical Center, Haifa, Israel</td>
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<td>09:30</td>
<td></td>
<td>OUTCOMES OF ROBOT-ASSISTED VASCULAR SURGERY, 150 CASES</td>
<td>P. Stadler, L. Dvoracek, P. Vitasek, P. Matous, Na Homolce Hospital, Prague, Czech Republic</td>
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<td>09:45</td>
<td></td>
<td>OUTCOME OF DRUG-ELUTING STENT IN HIV-INFECTED PATIENTS</td>
<td>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</td>
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<tr>
<td>10:00</td>
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<td>COMPARISON OF RADIATION DOSE IN FEMORAL AND RADIAL ARTERIAL ACCESS CORONARY PROCEDURES; THE EFFECT OF OPERATOR EXPERIENCE</td>
<td>J. Neill, H. Douglas, G. Richardson, E. Chew, S. Walsh, C. Hanratty, N. Herity, Belfast City Hospital Cardiology Centre, Belfast, Northern Ireland, UK</td>
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<tr>
<td>10:15</td>
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<td>RADIATION DOSE DURING CORONARY ANGIOGRAPHY: CORRELATION TO BMI</td>
<td>A. Shah, P.K. Das, E. Subkovas, M. Payne, A. Azzu, Rees M, C.M. Bellamy, Glan Clwyd Hospital, Bodelwyddan, UK</td>
</tr>
</tbody>
</table>
10:30 PRE-PCI ATORVASTATIN: A RANDOMIZED STUDY
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 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
<table>
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<th>Time</th>
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<th>Speaker(s)</th>
<th>Institution(s)</th>
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<tr>
<td>11:00</td>
<td>Treatment of Stable Angina: Update 2010 (Invited Lecture)</td>
<td>U. Thadani</td>
<td>University of Oklahoma, Oklahoma City, OK, USA</td>
</tr>
<tr>
<td>11:15</td>
<td>Chest Pain Evaluation in the Emergency Department (Invited Lecture)</td>
<td>J.H. Chesebro</td>
<td>Umass Memorial Medical School and Medical Center, Worcester, MA, USA</td>
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<tr>
<td>11:30</td>
<td>PCI in the Management of Patients with Impaired Left Ventricular Function (Invited Lecture)</td>
<td>G.W. Vetrovec</td>
<td>Virginia Commonwealth University, Richmond, VA, USA</td>
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<tr>
<td>11:45</td>
<td>Current Status of Elective Left Main Stenting (Invited Lecture)</td>
<td>B.F. Uretsky</td>
<td>University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<tr>
<td>12:00</td>
<td>Serum SRange, A Predictor of Restenosis Following Percutaneous Coronary Intervention (Invited Lecture)</td>
<td>K. Prasad, E.D. McNair, C.R. Wells, A.M. Qureshi, R. Basran, C. Pearce, J. Orvold, J. Devilliers, J.F. Lopez</td>
<td>University of Saskatchewan, Saskatoon, Canada</td>
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<tr>
<td>12:15</td>
<td>Cardiac Cerebral Resuscitation for Witness Cardiac Arrest Victims (Invited Lecture)</td>
<td>M.R. Movahed</td>
<td>University of Arizona Sarver Heart Center, Tucson, AR, USA</td>
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<tr>
<td>12:30</td>
<td>Acute Myocardial Infarction in Chile Before and After the Chilean Health Reform (Invited Lecture)</td>
<td>R.A. Diaz</td>
<td>University of Valparaiso, Chile</td>
</tr>
<tr>
<td>12:45</td>
<td>The Success of Regionalized STEMI Receiving Center Networks (Invited Lecture)</td>
<td>I.C. Rokos</td>
<td>Geffen School of Medicine at UCLA, Los Angeles, CA, USA</td>
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<tr>
<td>13:00</td>
<td>Lunch Break, Visit Posters and Exhibition</td>
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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 EPIDEMIOLOGY OF CALCIFIC AORTIC VALVE DISEASE
K.D. O’Brien, University of Washington, Seattle, WA, USA

11:15 DESIGNING CLINICAL TRIALS IN VALVULAR HEART DISEASE:
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
TRANSCARDIAC APPROACHES (Invited Lecture)
J. Ye, Columbia St. Paul's Hospital, Vancouver, BC, Canada

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

12:00 EPIDEMIOLOGY OF VALVULAR HEART DISEASES. THE PROBLEM
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
TRANSAPICAL 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:
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
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 TRANSAPICAL TRANSCATHETER AORTIC VALVE IMPLANTATION –
INFLUENCE OF A LEARNING CURVE ON CLINICAL OUTCOMES
M. Thielmann, D. Wendt, P. Kahler, P. Tossios, H. Eggebrecht, R. Erbel,
H. Jakob, West German Heart Center, Essen, NRW, Germany

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

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
**TUESDAY, JULY 27, 2010**

**S36 Session**
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

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

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<th>Time</th>
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<th>Affiliation</th>
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<tr>
<td>11:00</td>
<td>NUCLEAR AND MITOCHONDRIAL TRANSLOCATION OF PHOSPHORYLATED PKCα ASSOCIATES WITH TUNEL-POSITIVE AND UROCORTINNEGATIVE STAINING IN THE HUMAN HEART FROM DIABETIC PATIENTS UNDERGOING ON-PUMP CARDIAC SURGERY</td>
<td>C. Chen-Scarabelli, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, L. Saravolatz, T.M. Scarabelli</td>
<td>VA Medical Center, Ann Arbor, University of Michigan, MI, USA</td>
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<tr>
<td>11:15</td>
<td>INDEPENDENT CONTRIBUTION OF THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE TO THE CARDIOMETABOLIC RISK IN WOMEN</td>
<td>J. Methot, D. Brisson, D. Gaudet</td>
<td>Department of Medicine, Université de Montréal, Montréal, Canada</td>
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<tr>
<td>11:30</td>
<td>RELATIONSHIP BETWEEN FASTING PLASMA GLUCOSE AND HEMOGLOBIN A1C AND PREDICTING DIABETES: THE STRONG HEART STUDY</td>
<td>J.W. Wang, E.T. Lee</td>
<td>Center for American Indian Health Research, College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA</td>
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<tr>
<td>11:45</td>
<td>LOW DENSITY LIPOPROTEIN FROM LDL RECEPTOR NULL MICS IS SUCEPTIBLE TO OXIDATIVE MODIFICATION</td>
<td>K. Navab, S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA</td>
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<td>12:00</td>
<td>THE ASSOCIATION OF ADIPONECTIN WITH THE METABOLIC SYNDROME IN WOMEN IS INDEPENDENT OF THE MENOPAUSAL STATUS</td>
<td>Y. Loucif, J. Méthot, D. Brisson, D. Gaudet</td>
<td>Université de Montreal, ECOGÈNE-21 Clinical research Center, Chicoutimi Hospital, Chicoutimi, Quebec, Canada</td>
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<td>12:15</td>
<td>CAN EVIDENCE BASED THERAPY REDUCE DISPARITY OF OUTCOMES BETWEEN DIABETIC MEN AND WOMEN?</td>
<td>A.S. Volgman, A. Khandelwal, L. Fogg, G.L. Schaeer, L. Li, S. Sahota, T. Bornstein, E. Frankel, P. Patel, J.E. Calvin</td>
<td>Rush University Medical Center, Chicago, IL, USA</td>
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<td>12:30</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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<td>1</td>
<td>433</td>
<td>EVALUATION OF CORONARY ARTERY DISEASE COMPLICATED BY THORACIC AORTIC DISEASE BY WIDE-VOLUME SCAN USING 320-ROW CT</td>
<td>K. Morishige, T. Yamawaki, H. Tashiro, St. Mary's Hospital, Kurume, Japan</td>
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<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>
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<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</td>
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<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</td>
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<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</td>
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<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</td>
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<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. Zeynalov</td>
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<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>
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### P503 Poster Session
#### INTERVENTIONAL CARDIOLOGY II

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<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>
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<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>
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<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>
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<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. Firoozi, N. Salehi</td>
<td>Hormozgan University, Bandar Abbass, Hormozgan, Iran</td>
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<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>
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<td>16</td>
<td>THE EFFECT OF INSULIN ON INTRACELLULAR NA+ HOMEOSTASIS IN ISOLATED CARDIOMYOCYTES FROM DIABETIC RATS</td>
<td>A. Bilginoglu, H.B. Kandilci, B. Turan</td>
<td>Ankara University, Ankara, Turkey</td>
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<td>17</td>
<td>ASSOCIATION OF ADIPONECTIN AND THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE WITH IMPAIRED GLUCOSE TOLERANCE IN WOMEN</td>
<td>J. Methot, Y. Loucif, D. Brisson, D. Gaudet</td>
<td>Université de Montréal, Montréal, Canada</td>
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<td>18</td>
<td>RELATIONSHIP BETWEEN SLEEP QUALITY AND METABOLIC SYNDROME AND INFLAMMATORY MARKERS IN MIDDLE-AGED MEN IN KOREA</td>
<td>J.H. Cho, S.G. Kang, E.J. Lee, S.W. Song</td>
<td>St.Vincent's Hospital, The Catholic University of Korea, Suwon, Gyeonggido, South Korea</td>
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<td>19</td>
<td>ERYTHROCYTE FRAGILITY IS INCREASED IN THE LDL RECEPTOR DEFICIENT MOUSE MODEL</td>
<td>K. Navab, S. Hama, G. Hough, David Geffen School of Medicine, UCLA</td>
<td>Los Angeles, CA, USA</td>
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<td>20</td>
<td>EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME</td>
<td>S.H. Kim, H.L. Lee, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim</td>
<td>Seoul Metropolitan Boramae Hospital, Seoul National University, Seoul National University Hospital, Seoul, Korea</td>
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<td>21</td>
<td>CARDIOVASCULAR HEALTH PROFILE OF PATIENTS ENROLLED IN A CLINIC BASED DIABETES PREVENTION PROGRAM</td>
<td>F.D. Fortuin, C. Kendall, J. Wisbey, R.T. Hurst, S.J. Lester, S.B. Chism, R. Burke, M. Orban, D.E. Steidely, S. Bersoux, C. Cook</td>
<td>Mayo Clinic Arizona, Phoenix, AZ, USA</td>
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<td>22</td>
<td>GENDER AND INFLAMMATION IN INDIVIDUALS WITH THE METABOLIC SYNDROME</td>
<td>I. Shapira, S. Berliner, O. Rogowski</td>
<td>Tel Aviv Sourasky Medical Center, Tel Aviv, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel</td>
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<td>23</td>
<td>EXPERIMENTS ON THE MECHANISM OF FORMATION OF THE FATTY ACID HYDROPEROXIDES (HPODE AND HPETE)</td>
<td>D. Golchian, G. Hough, L. Vakili, S. Safarpoor, S. Hama</td>
<td>David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA</td>
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08:00 – 13:00  Poster Hall

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<td>24</td>
<td>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</td>
</tr>
<tr>
<td>25</td>
<td>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</td>
</tr>
<tr>
<td>26</td>
<td>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</td>
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**P506 Poster Session**

**Dilated Cardiomyopathies: Various Etiologies**

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<td>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</td>
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**P507 Poster Session**

**Drug Therapy in Heart Failure: Basic and Clinical**

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**ARRHYTHMIAS AND ANTIARRHYTHMIC DRUG THERAPY: BASIC AND CLINICAL**

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**P509 Poster Session**  
**ADVANCES IN CARDIAC SURGERY**

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P.P. Pollice, S.E. Saad, P.F. Pollice, F.A. Fabiani
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M. Nourizadeh, M. Alasti, S. Bahadoran, M. Asadmoghadam Department of Cardiology, Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran

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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

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

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

CNI - FREE IM IN CARDIAC TRANSPLANTATION - A SINGLE CENTER EXPERIENCE
M. Kondruweit, R. Tandler, M. Weyand, University of Erlangen, Bavaria, Germany