

**INTERNATIONAL ACADEMY OF CARDIOLOGY  
15<sup>th</sup> 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**

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**09:00 – 09:35**

**Hall A**

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**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

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**09:35 – 10:15**

**Hall A**

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**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

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10:15 **COFFEE BREAK, VISIT POSTERS AND EXHIBITION**

**SUNDAY, JULY 25, 2010**

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**10:45 – 13:00**

**Hall A**

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**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.

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|-------|--|-----|
| 10:45 | OXIDATIVE STRESS: BIOLOGY AND BIOMARKERS IN THE VASCULAR SYSTEM (Invited Lecture)<br><b>K. Maiese</b> , University of Medicine & Dentistry of New Jersey, Newark, NJ, USA  | 001 |
| 11:00 | THE ROLE OF EXCESS RADICAL FLUX IN HEART DISEASE (Invited Lecture)<br><b>P.K. Singal</b> , S. Dhingra, Institute of Cardiovascular Sciences<br>St. Boniface Research Center, Winnipeg, MB, Canada  | 002 |
| 11:15 | INFLAMMATION AND HEART FAILURE; CAUSES, CONSEQUENCES OR BOTH? (Invited Lecture)<br>D. Anzulović-Mirošević, M. Zaninotto, M.M. Mion, M. Plebani, M.L. Barzon, I. Castagliuolo, P. Brun, G. Palù, <b>S. Dalla-Volta</b> , University of Padova Medical School, Padova, Italy | 003 |
| 11:30 | ENDOTHELIAL NITRIC OXIDE - PEROXYNITRITE IMBALANCE IN HEART FAILURE (Invited Lecture)<br>R. Kubant, <b>T. Malinski</b> , Ohio University, Athens, OH, USA  | 004 |
| 11:45 | MOLECULAR REGULATION OF APOPTOSIS IN THE HEART: "TO BE OR NOT TO NF-KB (Invited Lecture)<br><b>L.A. Kirshenbaum</b> , University of Manitoba, Winnipeg, MB, Canada   | 005 |
| 12:00 | MYELOPEROXIDASE: A MARKER AND MEDIATOR OF ACUTE CORONARY ARTERY DISEASE (Invited Lecture)<br><b>J.G. Filep</b> , University of Montreal, Canada  | 006 |
| 12:15 | NOVEL CORONARY IMAGING AND MULTI-BIOMARKER STRATEGY FOR ACUTE CORONARY SYNDROME (Invited Lecture)<br><b>Y. Seino</b> , M. Yamamoto, M. Takano, K. Mizuno, Nippon Medical School Chiba-Hokusoh Hospital, Chiba, Nippon Medical School, Tokyo, Japan                         | 007 |
| 12:30 | THROMBOXANE RECEPTOR: THE CROSS-ROAD OF INFLAMMATION AND OXIDATIVE STRESS IN ATHEROGENESIS (Invited Lecture)<br><b>D. Pratico</b> , Temple University, Philadelphia, PA, USA   | 008 |
| 12:45 | IDENTIFICATION OF A CARDIAC SPECIFIC PROTEIN TRANSDUCTION DOMAIN BY IN VIVO BIOPANNING USING A M13 PHAGE PEPTIDE DISPLAY LIBRARY (Invited Lecture)<br><b>M. Zahid</b> , University of Pittsburgh, PA, USA  | 009 |
| 13:00 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION  |     |

**SUNDAY, JULY 25, 2010**

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**10:45 – 13:00**

**Hall B**

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**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) <b>J.S. Borer</b> , SUNY Downstate, New York, NY, USA	010
11:00	RELAXIN IN ACUTE DECOMPENSATED HEART FAILURE (Invited Lecture) <b>R.E. Hobbs</b> , Cleveland Clinic, Cleveland, OH, USA	011
11:15	CARDIAC TROPONIN AND HEART FAILURE (Invited Lecture) <b>W.L. Miller</b> , Mayo Clinic, Rochester, MN, USA	012
11:30	LOOKING FORWARD, LOOKING BACK: ASSESSING VARIATIONS IN HOSPITAL RESOURCE USE AND OUTCOMES FOR ELDERLY PATIENTS WITH HEART FAILURE (Invited Lecture) <b>M.K. Ong</b> , 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	013
11:45	THE ROLE OF COENZYME Q10 IN REFRACTORY CONGESTIVE HEART FAILURE (Invited Lecture) <b>K.A. Adarsh</b> , Govt. Medical College/G.N.D. Hospital, Amritsar, India	014
12:00	ROLE OF RYANODINE RECEPTOR AS A NEW THERAPEUTIC TARGET IN DIABETIC HEART DYSFUNCTION (Invited Lecture) <b>B. Turan</b> , Ankara University Faculty of Medicine, Ankara, Turkey	015
12:15	TREATING CONGESTION IN ADVANCED HEART FAILURE (Invited Lecture) <b>J.N. Nanas</b> , University of Athens, Greece	016
12:30	REGULATION OF PDE5 EXPRESSION IN THE FAILING HEART (Invited Lecture) Z. Lu, X. Xu, X. Hu, S. Lee, J. Hall, <b>Y. Chen</b> , University of Minnesota, Minneapolis, MN, USA	017
12:45	CTHRC1 - A NOVEL CARDIOTROPIC HORMONE I. Pinz, <b>J.P. Stohn</b> , 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	018
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.

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|-------|---|-----|
| 10:45 | CANDESARTAN SUPPRESSES INCREASE IN SECRETED FRIZZLED RELATED PROTEIN 2 AND FIBROSIS DURING HEALING AFTER REPERFUSED MYOCARDIAL INFARCTION IN THE RAT MODEL<br><b>B.I. Jugdutt</b> , A. Palaniyappan, H. Idikio, University of Alberta, Edmonton, Alberta, Canada  | 019 |
| 11:00 | CONTRAST-INDUCED NEPHROPATHY IN PATIENTS UNDERGOING EMERGENCY PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE CORONARY SYNDROME<br><b>T. Senoo</b> , M. Motohiro, H. Kamihata, S. Yamamoto, T. Isono, K. Manabe, T. Sakuma, S. Yoshida, Y. Sutani, T. Iwasaka<br>Kansai Medical University, Hirakata City, Osaka, Japan  | 020 |
| 11:15 | IMPACT OF SYMPTOM-TO-REPERFUSION TIME ON LEFT VENTRICULAR DIASTOLIC FUNCTION FOLLOWING ACUTE MYOCARDIAL INFARCTION<br><b>S.B. Prasad</b> , V. See, P. Brown, T. McKay, A. Narayan, P. Kooroor, L. Thomas, Westmead Hospital, Sydney, Australia  | 021 |
| 11:30 | LOX-1 IS INVOLVED IN THE COMPLEMENT ACTIVATION BY ENDOGENOUS C-REACTIVE PROTEIN AND MYOCARDIAL REPERFUSION INJURY<br><b>Y. Fujita</b> , K. Otsui, A. Kakino, S. Yamaguchi, Y. Sato, R Yoshimoto, T. Sawamura<br>National Cardiovascular Center Research Institute, Suita, Osaka, Japan                                | 022 |
| 11:45 | IMPACT OF RANDOM PLASMA GLUCOSE ON ADMISSION IN DIABETIC PATIENTS WITH ACUTE ST ELEVATION MYOCARDIAL INFARCTION<br><b>V.H. Tan</b> , J. Chow, P.P. Goh, K.L. Tong, K.S. Tan, J. Lingamanaicker, V. Lim, G. Leong, S.H. Ong, Y.S. Goh, C.H. Tan, Changi General Hospital, Singapore                                    | 023 |
| 12:00 | FLU VACCINATION AND ADVERSE OUTCOMES IN PATIENTS WITH SUSPECTED NON-ST ELEVATION ACUTE CORONARY SYNDROME<br><b>M. Zahid</b> , I. Singla, C.B. Good, A.F. Sonel<br>University of Pittsburgh, Pittsburgh, PA, USA   | 024 |
| 12:15 | LOW DOSE THROMBOLYTIC TREATMENT IS EFFECTIVE IN RESTORING PATENCY IN THE CAROTID ARTERIES, IN A CLINICALLY RELEVANT LARGE ANIMAL MODEL<br><b>E. Tseliou</b> , A. Ntalianis, E. Kaldara, M. Bonios, S. Vakrou, M. Konstantakis, M. Tsamatsoulis, V. Kontopidi, J. Terrovitis, J. Nanas<br>University of Athens, Greece | 025 |
| 12:30 | FASTER ENDOTHELIALISATION OF A NEW BIODEGRADABLE POLYMER STENT<br><b>C.J. Wolf</b> , M. Nemecek, S. Ingerle, H. Weber, SMZ-Ost, Vienna, Austria   | 026 |
| 12:45 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION   |     |

**SUNDAY, JULY 25, 2010**

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**10:45 – 12:00**

**Hall D**

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**S22**

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

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

Abstract No.

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|-------|--|-----|
| 10:45 | VALVE REPAIR IN RHEUMATIC MITRAL VALVE DISEASE<br>F.A. Fabiani, S.E. Saad, <b>P.F. Pollice</b> , P.P. Pollice<br>University of Berne, Switzerland  | 027 |
| 11:00 | CORONARY FLOW DYNAMICS IN CHILDREN AFTER REPAIR OF<br>TETRALOGY OF FALLOT ASSESSED WITH TRANSTHORACIC<br>DOPPLER ECHOCARDIOGRAPHY<br><b>E.H. Aburawi</b> , E. Pesonen<br>United Arab Emirates University, Faculty of Medicine and Health Science,<br>Al-Ain, UAE   | 028 |
| 11:15 | THE PRESSURE WIRE AS DIAGNOSTIC TOOL IN PATIENTS WITH<br>CONGENITAL HEART DISEASE: A NOVEL NEW APPLICATION<br><b>T. Hamid</b> , H. Hadi, B. Clarke, V.S. Mahadevan, Manchester Heart Centre,<br>Manchester Royal Infirmary, Manchester, UK   | 029 |
| 11:30 | RISK STRATIFICATION FOR SYMPTOMS AND ARRHYTHMIAS AFTER<br>TETRALOGY OF FALLOT REPAIR<br><b>S.O. Arya</b> , J. Kovach, P.P. Karpawich, Children's Hospital of Michigan,<br>Wayne State University, Detroit, MI, USA   | 030 |
| 11:45 | MYOCARDIAL REMODELING IN HYPOPLASTIC LEFT HEART SYNDROME<br>ANALYZED BY ULTRASOUND BIOMICROSCOPY AND MICROARRAY IN<br>THE CHICK EMBRYO<br><b>D. Sedmera</b> , Z. Pesevksi, A. de Almeida, M. Mrug, V. Fresco, J. Barth,<br>X. Cui, E. Krejci, R. Kockova, Institute of Physiology AS CR, Prague,<br>Czech Republic | 031 |
| 12:00 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION  |     |

**SUNDAY, JULY 25, 2010**

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**08:00 – 13:00**

**Poster Hall**

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**P101      Poster Session  
VASCULAR BIOLOGY, BASIC RESEARCH I**

Board No.		Abstract No.
1	RESISTIN CONTRIBUTES TO NEOINTIMAL FORMATION VIA OXIDATIVE STRESS AFTER VASCULAR INJURY <b>K.G. Shyu</b> , B.W. Wang Shin Kong Wu H-Su Memorial Hospital, Taipei, Taiwan	032
2	ENDOTHELIAL CELL INJURY IN CARDIOVASCULAR SURGERY: THE PATHOPHYSIOLOGY OF VASOMOTOR DYSFUNCTION <b>P.P. Pollice</b> , S.E. Saad, F.P. Pollice, A.F. Fabiani University of Berne, Switzerland	033
3	OXIDATIVE STRESS INDUCES DNA DOUBLE-STRAND BREAKS AND DNA DAMAGE RESPONSE <b>M. Ishida</b> , T. Ishida, K. Abe, C. Sakai, H. Uchida, Y. Kihara, M. Yoshizumi Hiroshima University, Hiroshima, Japan	034
4	PRIMARY CILIA ARE MECHANOSENSORY ORGANELLES IN VASCULAR TISSUES <b>S.M. Nauli</b> , The University of Toledo, Toledo, OH, USA	035

**P103      Poster Session  
BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN  
CARDIOVASCULAR DISEASE**

5	ISCHEMIA-MODIFIED ALBUMIN LEVELS NOT AFFECTED BY ALBUMIN CONCENTRATIONS DURING EXERCISE SESTAMIBI <b>H.R. Lee</b> , A.E. McCullough, R.P. Umfrid, S.J. Lester Mayo Clinic Arizona, Scottsdale, AZ, USA	036
6	AUTOANTIBODIES TO CARDIAC TROPONIN T IN NORMAL BLOOD DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS M. Adamczyk, R.J. Brashear, <b>P.G. Mattingly</b> Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA	037
7	PROBNP PROGNOSTIC VALUE OF PATIENTS WITH ACUTE MYOCARDIAL SEGMENT ELEVATION <b>S.M. Macin</b> , E. Villegas, L. Reyes, E.R. Perna, C. Chuquel, F. Echeverria, J.M. Lange, O. Alvarez, M. Fleitas, M. Brizuela Instituto de Cardiologia J.F. Cabral, Corrientes. Argentina	038

**SUNDAY, JULY 25, 2010**

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**08:00 – 13:00**

**Poster Hall**

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**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 <b>S. Sitia</b> , L. Tomasoni, F. Atzeni, L. Gianturco, P. Sarzi-Puttini, V. De Gennaro Colonna, M. Turiel, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy	039
9	A NEW EXTRACTION METHOD OF FETAL ELECTROCARDIOGRAM FROM MATERNAL ABDOMINAL SIGNALS <b>Y. Kimura</b> , T. Ito, C. Chisaka, A. Aoyagi, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan	040
10	LOW DOSE HEPARIN CAN SAFELY BE ADMINISTERED DURING ROUTINE IVUS SHORTLY FOLLOWING ENDOMYOCARDIAL BIOPSY R. Arsanjani, A. Khitri, M. Hashemzadeh, <b>M.R. Movahed</b> The Southern Arizona VA Health Care System, Tucson, AZ, USA	041
11	BENEFITS OF SERIAL INTRAVASCULAR ULTRASOUND IN THE EVALUATION OF CARDIAC TRANSPLANT VASCULOPATHY R. Arsanjani, A. Khitri, M. Hashemzadeh, <b>M.R. Movahed</b> The Southern Arizona VA Health Care System, Tucson, AZ, USA	042
12	AN INTRAVASCULAR ULTRASOUND ANATOMICAL STUDY OF DISTAL LEFT MAIN STEM AND PROXIMAL LEFT ANTERIOR DECENDING ARTERIES IN A NORTHERN IRISH POPULATION <b>J.A. Shand</b> , S.J. Walsh, C. Hanratty, I.B. Menown, A.J. McClelland, M. Spence, Craigavon Area Hospital, Belfast, UK	043
13	CASE REPORTS OF FETAL BRADYCARDIA DIAGNOSED BY FETAL ELECTROCARDIOGRAM VIA MATERNAL ABDOMEN <b>A. Aoyagi</b> , Y. Kimura, T. Ito, C. Chisaka, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan	044
14	EFFECT OF FLUVASTATIN ON PROGRESSION OF CORONARY ATHEROSCLEROTIC PLAQUE EVALUATED BY INTRAVASCULAR ULTRASOUND VIRTUAL HISTOLOGY <b>K. Nasu</b> , E. Tsuchikane, O. Katoh, Y. Kinoshita, T. Suzuki Toyohashi Heart Center, Toyohashi, Aichi, Japan	045

**SUNDAY, JULY 25, 2010**

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**08:00 – 13:00**

**Poster Hall**

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**P105      Poster Session  
DIABETES MELLITUS, THE METABOLIC SYNDROME AND  
ATHEROSCLEROSIS: BASIC AND CLINICAL I**

Board No.		Abstract No.
15	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 <b>C. Pop</b> , L. Pop, M. Roman, L. Mos Vasile Goldis - West University, Arad, Romania	046
16	METABOLIC SYNDROME IN INDIVIDUALS WITH NORMAL CONCENTRATIONS OF LIVER ENZYMES <b>I. Shapira</b> , A. Steinvil, S. Berliner, O. Rogowski Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel	047
17	CONTINUOUS RELEASE OF THE PEPTIDE AIP18AA MARKEDLY REDUCES THE REQUIRED DOSE FOR IMPROVING PLASMA INFLAMMATORY INDEX <b>K. Navab</b> , C. Chyu, S. Hama, G. Hough, R. Yu David Geffen School of Medicine, UCLA, Los Angeles, CA, USA	048
18	ROSIGLITAZONE AMELIORATES ENDOTHELIAL DYSFUNCTION AND REDUCES LDL OXIDATION POSTPRANDIALLY IN PATIENTS WITH DIABETES MELLITUS S. Pastromas, <b>S. Koulouris</b> , D. Sakellariou, G. Ioannidis, H. Anninos, D. Tousoulis, N. Zakopoulos, C. Stefanadis, A.S. Manolis, First Department of Cardiology, Evangelismos Hospital, Athens, Greece	049
19	EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN OVERWEIGHT AND MORBIDLY OBESE PATIENTS <b>P.F. Burgos</b> , A.J. Leal, A.R. Gagliardi Clinica de Cirurgia Cardiovascular de Santos, Santos, SP, Brazil	050
20	P WAVE DISPERSION IN PATIENTS WITH METABOLIC SYNDROME <b>A. Kassem</b> , A. Boghdady, M. Atia, Sohag Faculty of Medicine, Egypt	051

**SUNDAY, JULY 25, 2010**

**08:00 – 13:00**

**Poster Hall**

**P106 Poster Session  
CARDIAC PACEMAKERS AND IMPLANTABLE CARDIOVERTER -  
DEFIBRILLATOR THERAPY**

Board No.		Abstract No.
21	ATRIAL TACHYARRHYTHMIAS NOT MORE FREQUENT AFTER EXPOSURE TO MRI IN PATIENTS WITH A SPECIALLY MODIFIED PACING SYSTEM <b>J.R. Gimbel</b> , B.L. Wilkoff, E. Kanal, R. Sutton, M. Hull, A. Kalmes, T. Sommer, Cardiology Associates of East Tennessee, Knoxville, TN, USA	052
22	ROUTINE DFT TESTING: IS IT NECESSARY DURING ICD GENERATOR REPLACEMENT? <b>H.H. Modi</b> , A. Aeriachaipanich, A. Bhan, M. Duggal Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA	053
23	IMPACT OF ACUTE RENAL IMPAIRMENT IN THE ABSENCE OF CHRONIC RENAL FAILURE ON ICD SHOCKS AND SUBSEQUENT MORTALITY <b>D. Chong</b> , K.L. Ho, R. Liew, W.S. Teo, C.K. Ching National Heart Centre, Singapore	054
24	IS VDD PACING AN ACCEPTABLE OPTION IN PATIENTS WITH ISOLATED AV BLOCK AND INTACT SINOATRIAL NODE FUNCTION? <b>P.J. Parwani</b> , D.R. Frisch, B.B. Pavri, University of Connecticut Health Center, Farmington, CT, USA	055
25	TEMPORARY TRANSVENOUS CARDIAC PACING: BALLOON FLOTATION TECHNIQUE OR SEMI RIGID ELECTRODES, DOES IT MATTER? <b>W. Taggu</b> , R.A. Gamma, Essex Cardiothoracic Centre, Basildon & Thurrock University, Chelmsford, Essex, UK	056
26	PACING AFTER CARDIAC SURGERY: HOW AND WHAT IS THE BEST? <b>J. Rubio</b> , J. Sierra, D. Sanchez, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reija, University Hospital Santiago de Compostela, Santiago de Compostela, Spain	057
27	RETAINED CARDIAC LEAD REMOVAL WITH THE COOK EVOLUTION SYSTEM: PRELIMINARY EXPERIENCE <b>A. Hurle</b> , C. Vaquero, A. Garcia, A. Ibañez, J.L. Ibañez, J.G. Martinez Hospital General Universitario de Alicante, Alicante, Spain	058
28	IS TEMPORARY PACEMAKER NECESSARY DURING PULSE GENERATOR REPLACEMENT IN PAVEMKER DEPENDENT PATIENTS? <b>H.H. Modi</b> , B. Rehan, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA	059
29	SERIAL CHANGE OF STIMULATION THRESHOLD OF VENTRICULAR SCREW-IN LEADS AT IMPLANTATION AND THE RELATIONSHIP BETWEEN THE ACUTE AND CHRONIC STIMULATION THRESHOLD <b>E. Nakagawa</b> , T. Oosawa, K. Ito, Y. Abe, R. Komatsu, K. Haze, T. Naruko, A. Ito Osaka City General Hospital, Osaka, Japan	060
30	IS IT SAFE TO DISCHARGE PATIENTS THE SAME DAY AFTER DEVICE IMPLANTATION? A PROSPECTIVE, RANDOMIZED PILOT STUDY M. Ortmann, <b>G. Mark</b> , E. Rhim, U. Patel, W. Ojeda, A.J. Greenspon, R.T. Ho, D. Frisch, B.B. Pavri, Thomas Jefferson University Hospital, Philadelphia, PA, USA	061

**SUNDAY, JULY 25, 2010**

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**08:00 – 13:00**

**Poster Hall**

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**P107      Poster Session  
VALVULAR HEART DISEASE/ HEART VALVE SURGERY**

Board No.		Abstract No.
31	MODERATE TRICUSPID REGURGITATION ACCOMPANYING LEFT-SIDED HEART VALVE DISEASE: TO REPAIR OR NOT TO REPAIR? <b>J.L. Navia</b> , N. Brozzi, E.R. Nowicki, F.A. Atik, S. Al-Ruzzeh, L. Batizy, J. Zhong E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA	062
32	THE 5-LIPOXYGENASE PATHWAY CORRELATES WITH THE ECHOCARDIOGRAPHIC PARAMETERS QUANTIFYING AORTIC STENOSIS SEVERITY <b>E. Nagy</b> , K. Caidahl, M. Eriksson, A. Franco-Cereceda, G.K. Hansson, M. Back Karolinska Institutet, Karolinska University Hospital, Stockholm, Sweden	063
33	RADIOLOGIC DISTORTION OF THE BIOPROSTHESIS RING AND EARLY CALCIFICATION <b>J. Rubio</b> , J. Sierra, A. Martinez de Alegria, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reija Universitary Hospital Santiago de Compostela, Santiago de Compostela, Spain	064
34	CANDIDA ALBICANS ISOLATED FROM HUMAN FUNGEMIA INDUCE APOPTOSIS IN EXPERIMENTAL ENDOCARDITIS <b>J.K. Olague Franco</b> , M. Dominguez-Hernandez, I. Hernandez Canaveral, A. Plascencia-Hernandez, O.M. Meilhac University of Guadalajara, Guadalajara, Jalisco, Mexico	065
35	INFECTIVE ENDOCARDITIS MORTALITY; HAS IT CHANGED SECONDARY TO THE CURRENT MANAGEMENT GUIDELINES <b>W. Taggu</b> , D.R. Turner Essex Cardiothoracic Centre, Basildon & Thurrock University, Chelmsford, Essex, UK	066
36	BIOGLUE DOES NOT PREDISPOSE TO ANASTOMOTIC PSEUDOANEURYSM IN THORACIC AORTIC SURGERY J. Weiner, S.A. Widman, Z. Golek, M. Tranquilli, <b>J.A. Elefteriades</b> Yale University, New Haven, CT, USA	067
37	PREVALENCE OF MITRAL REGURGITATION BY ETIOLOGY IN THE US ADULT POPULATION <b>A.P. Badiye</b> , G. Robalino, J. Junttila, S. Atapattu, M. Nakamura, E. de Marchena, Department of Medicine, University of Miami, Miami, FL, Tendyne Medical Inc, Baltimore, USA	068

**SUNDAY, JULY 25, 2010**

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**14:00 – 16:30**

**Hall A**

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

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

Abstract No.

14:00	GENETIC SUSCEPTIBILITY TO SUDDEN CARDIAC DEATH (Invited Lecture) <b>S.S. Chugh</b> , David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	069
14:15	DIAGNOSIS OF ARVC, MODIFICATION OF THE TASK FORCE CRITERIA (Invited Lecture) <b>F.I. Marcus</b> , Sarver Heart Center, Tucson, AZ, USA	070
14:30	RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH: INSIGHTS FROM CLINICAL TRIALS (Invited Lecture) <b>M.E. Cain</b> , University at Buffalo School of Medicine & Biomedical Sciences, Buffalo, NY, USA	071
14:45	NONINVASIVE RISK ASSESSMENT IN BRUGADA SYNDROME (Invited Lecture) <b>M. Takagi</b> , Osaka City University Graduate School of Medicine, Osaka, Japan	072
15:00	PERFORMANCE IMPROVEMENT FOR IMPLANTABLE DEVICE THERAPY IN THE OUTPATIENT SETTING: FINDINGS FROM IMPROVE HF (Invited Lecture) <b>A.B. Curtis</b> , University of South Florida, Tampa, FL, USA	073
15:15	ISOLATED VENTRICULAR NONCOMPACTION: RISK FACTORS AND INDICATIONS FOR ICD THERAPY (Invited Lecture) <b>F. Duru</b> , University Hospital of Zurich, Switzerland	074
15:30	THE LATEST IN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR THERAPY (Invited Lecture) <b>S.M. Al-Khatib</b> , Duke Clinical Research Institute, Durham, NC, USA	075
15:45	THE IMPORTANCE OF REDUCING ICD SHOCKS (Invited Lecture) <b>A. Fischer</b> , Mount Sinai Medical Center, New York, NY, USA	076
16:00	ROLE OF BIVENTRICULAR PACING IN PATIENTS WITH STANDARD PACING INDICATIONS (Invited Lecture) <b>J.W.H. Fung</b> , Prince of Wales Hospital, Hong Kong, China	077
16:15	MYTHS, MAGICAL THINKING, AND MRI: SCANNING IMPLANTABLE RHYTHM DEVICE PATIENTS (Invited Lecture) <b>J.R. Gimbel</b> , Knoxville, TX, USA	078
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

**SUNDAY, JULY 25, 2010**

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**14:00 – 16:15**

**Hall B**

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**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) <b>T. Tomaru</b> , Dept. of Cardiology, Toho University Sakura Hospital, Sakura, Japan	079
14:15	PROGNOSTIC SIGNIFICANCE OF FINDINGS FROM CARDIAC MAGNETIC RESONANCE (Invited Lecture) <b>R. Krittayaphong</b> , Mahidol University, Bangkok, Thailand	080
14:30	CLINICAL APPLICATION OF 3D ECHOCARDIOGRAPHY (Invited Lecture) <b>T. Shiota</b> , The Cleveland Clinic Foundation, Cleveland, OH, USA	081
14:45	ECHOCARDIOGRAPHIC EVALUATION OF LV DIASTOLIC FUNCTION (Invited Lecture) <b>S.F. Nagueh</b> , Baylor College of Medicine, Houston, TX, USA	082
15:00	LIVE/REAL TIME 3-DIMENSIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY (Invited Lecture) <b>N.C. Nanda</b> , University of Alabama at Birmingham, AL, USA	083
15:15	CHARACTERISTICS OF VULNERABLE PLAQUES IN MULTIPLE-DETECTOR ROW CT-BASED CORONARY ANGIOGRAPHY (Invited Lecture) <b>Y. Kihara</b> , Hiroshima University Hospital, Hiroshima, Japan	084
15:30	RECIPROCAL ASSOCIATION BETWEEN ECTOPIC CARDIOVASCULAR CALCIFICATION AND OSTEOPOROSIS (Invited Lecture) <b>E. Aikawa</b> , Brigham and Women's, Boston, MA, USA	085
15:45	LABELING CARDIOVASCULAR STEM CELL FOR NON-INVASIVE IMAGING FOR ENHANCED ENGRAFTMENT AND EFFICACY (Invited Lecture) <b>D.L. Kraitchman</b> , Johns Hopkins University, Baltimore, MA, USA	086
16:00	NON-INVASIVE IMAGING OF CORONARY ARTERY DISEASE IN OBESSE PATIENTS (Invited Lecture) <b>A. Elhendy</b> , Marshfield, WI, USA	087
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 25, 2010

14:00 – 16:15

Hall C

S23

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

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

Abstract No.

- 14:00 NOTCH ACTIVATES ENDOTHELIAL MESENCHYMAL TRANSFORMATION IN THE DEVELOPING ATRIOVENTRICULAR CANAL THROUGH AUTOCRINE ACTIVATION OF SOLUBLE GUANYLYL CYCLASE 088  
**A.C.Y. Chang**, Y.X. Fu, A. Setiadi, K. Niessen, L. Chang, M. Fuller, A. Karsan  
University of British Columbia, Vancouver, BC, Canada
- 14:15 EFFECTIVE CARDIOMYOCYTES DIFFERENTIATION OF hESCs IN SERUM-FREE CONDITION WITH CONDITIONED MEDIUM OF ENDODERM LINEAGE CELLS DERIVED FROM hESCs 089  
**S.H. Moon**, M.K. Kim, S.J. Park, J.W. Jang, H.M. Chung  
CHA University, Seoul, South Korea
- 14:30 OXIDOREDUCTASE ACTIVITY OF MACROPHAGE MIGRATION INHIBITORY FACTOR PROVIDES CARDIOPROTECTION IN ISCHEMIA/REPERFUSION 090  
**K. Koga**, A. Kenessey, S.R. Powell, E.J. Miller, K. Ojamaa  
The Feinstein Institute for Medical Research, Manhasset, NY, USA
- 14:45 MITOGEN-ACTIVATED PROTEIN KINASE PHOSPHATASE-1 DEFICIENCY DECREASES ATHEROSCLEROSIS IN APOLIPOPROTEIN E KNOCKOUT MICE 091  
**S. Imaizumi**, V. Grijalva, S. Hama, S. Priceman, L. Wu, M. Navab, A.M. Fogelman, S.T. Reddy  
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
- 15:00 DYSAUTONOMIA DUE TO REDUCED CHOLINERGIC NEUROTRANSMISSION CAUSES CARDIAC REMODELING AND HEART FAILURE 092  
**A.A. Lara**, D.D. Damasceno, R. Pires, R. Gros, E.R. Gomes, R.R. Resende, V.F. Prado, A.P. Almeida, M.A.M. Prado, S. Guatimosim  
Federal University of Minas Gerais, Belo Horizonte, MG, Brazil
- 15:15 RATE-DEPENDENT BLOCK OF HKV1.5 CHANNELS AND THE MOLECULAR DETERMINANT BY THE NATURAL FLAVONE ACACETIN 093  
**H.J. Wu**, W. Wu, G.R. Li  
Department of Medicine, University of Hong Kong, Hong Kong SAR, China
- 15:30 ELEVATED TIMP-1 LEVELS IN HEART FAILURE AND ASSOCIATION BETWEEN TIMP-1 POLYMORPHISM AND THE EF IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION TREATED WITH PRIMARY PCI 094  
**M. Pavkova Goldbergova**, J. Parenica, I. Bartonova, P. Kala, M. Poloczek, O. Toman, K. Prymusova, J. Tomancl, J. Spinar, A. Vasku  
Institute of Pathological Physiology, Faculty of Medicine, Masaryk University, Brno, Czech Republic
- 15:45 SIGNALING PATHWAY INVOLVED IN ANTI-HYPERTROPHIC EFFECTS OF ANGIOTENSIN-(1-7)/MAS AXIS IN CARDIOMYOCYTES 095  
**E.R. Gomes**, A.A. Lara, P.W.M. Almeida, D. Guimaraes, R.R. Resende, M.J. Campagnole-Santos, M. Bader, R.A.S. Santos, S. Guatimosim  
Federal University of Minas Gerais, Belo Horizonte, Brazil

**SUNDAY, JULY 25, 2010**

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**14:00 – 16:15**

**S23 (cont.)**

**Hall C**

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Abstract No.

16:00      ROLES OF BMP SIGNALING DURING MOUSE VALVULOGENESIS      096  
             L. Song, **K. Jiao**  
             The University of British Columbia, Vancouver, BC, Canada

16:15      COFFEE BREAK, VISIT POSTERS AND EXHIBITION

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

Abstract No.

- |       |  |     |
|-------|--|-----|
| 14:00 | CUSTODIOL-N, A NOVEL ORGAN PROTECTION SOLUTION PROTECTS AGAINST MYOCARDIAL AND ENDOTHELIAL REPERFUSION INJURY AFTER ORTHOTOPIC HEART TRANSPLANTATION<br><b>G. Szabo</b> , G. Veres, T. Radovits, M. Karck, University of Heidelberg, Heidelberg, Germany   | 097 |
| 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?<br><b>T. Wittwer</b> , Y.H. Choi, K. Neef, M. Schink, A. Sabashikov, J. Strauch, J. Wippermann, P. Teschendorf, O. Mehler, T. Wahlers, University Hospital of Cologne, Germany | 098 |
| 14:30 | OUTCOMES OF MINIMALLY INVASIVE VALVE SURGERY VERSUS MEDIAN STERNOTOMY IN PATIENTS $\pm$ 75 YEARS OF AGE<br>J. Lamelas, <b>A. Sarria</b> , O. Santana, A. Pineda, G.A. Lamas<br>Mount Sinai Heart Insitute, Miami Beach FI, USA, Columbia University Division of Cardiac Surgery, New York, NY, USA   | 099 |
| 14:45 | PROTECTION OF DONOR HEART: COMBINING COLD-STORAGE WITH PRECONDITIONING BY USING DOXYCYCLINE EXHIBITS IMPORTANT PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY<br><b>E. Ozcinar</b> , A. Seymen, S. Eryilmaz, U. Ozyurda, B.Turan<br>Ankara University Faculty of Medicine, Ankara, Turkey  | 100 |
| 15:00 | AN ADDITIVE COMPLEX SCORE AND A BEDSIDE MENTAL ARITHMETIC MODEL FOR OPERATIVE RISK STRATIFICATION IN CORONARY ARTERY BYPASS PATIENTS<br><b>Z. Zheng</b> , L. Zhang, X. Yuan, S-S. Hu<br>Fu Wai Hospital, Peking, Union Medical College, Beijing, P.R.China   | 101 |
| 15:15 | OUTCOMES OF MINIMALLY INVASIVE MITRAL VALVE SURGERY IN PATIENTS WITH AN EJECTION FRACTION $\leq$ 30%<br><b>J. Reyna</b> , L.U. Elkayam, P.A. Urbandt, O. Santana, J. Lamelas, G.A. Lamas<br>Mount Sinai Heart Institute, Miami Beach FI, USA, Columbia University Division of Cardiology, New York, NY, USA  | 102 |
| 15:30 | ON-PUMP CORONARY ARTERY BYPASS SURGERY WITHOUT ALLOGENIC BLOOD PRODUCT TRANSFUSION<br>M. Lisy, E. Schmid, R. Kind, P. Rosenberger, B. Nohe, H. Haeberle, G. Ziemer, <b>U. Stock</b> , University Hospital, Tuebingen, Germany  | 103 |
| 15:45 | THE NO TOUCH HARVESTING TECHNIQUE FOR VEIN GRAFTS IN CORONARY ARTERY BYPASS SURGERY PRESERVES AN INTACT VASA VASORUM<br><b>M. Dreifaldt</b> , D.S.R. Souza, A. Loesch, J.R. Muddle, L. Bodin, M.R. Dashwood<br>Orebro University Hospital, Orebro, Sweden  | 104 |

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**14:00 – 16:30**

**S24(cont.)**

**Hall D**

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		Abstract No.
16:00	THE CHINESE CORONARY ARTERY BYPASS GRAFT REGISTRY: ANALYSIS OF MULTICENTER DATABASE S.S. Hu, <b>Z. Zheng</b> , X. Yuan, H.W. Gao Fu Wai Hospital, Peking Union Medical College, Beijing, China	105
16:15	A 10 YEAR EXPERIENCE WITH WITH THORATEC® AND HEARTMATE® VENTRICULAR ASSIST DEVICES <b>M.B. Vijayappa</b> , G. Singh, A. Nahata, K. Malhotra, A. Cheema, U. Manchanda, A. Talkad, B. Clemson, University of Illinois, Peoria, IL, USA	106
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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**16:45 – 18:00**

**Hall A**

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**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) <b>L.C. Becker</b> , Johns Hopkins University School of Medicine, Baltimore, MA, USA	107
17:00	CALCIUM CHANNEL EXPRESSION IN VASCULAR SMOOTH MUSCLE CELLS IS MODULATED BY CALCIUM CHANNEL SUBUNIT GENE TRANSFER (Invited Lecture) S. Telemaque, S.E. Flynn, T. Grain, M. Liu, <b>J.D. Marsh</b> , University of Arkansas for Medical Sciences, Little Rock, AR, USA	108
17:15	GENETIC DISRUPTION OF NPR1 GENE STIMULATES RAS GENE EXPRESSION: ROLE IN CARDIAC HYPERTROPHY (Invited Lecture) <b>K.N. Pandey</b> , Tulane University Health Sciences Center, New Orleans, LA, USA	109
17:30	STUDIES OF THE GENETIC BASIS OF CONGENITAL HEART DEFECTS (Invited Lecture) <b>N.E. Bowles</b> , C.A. Gorbea, C.B. Arrington, University of Utah School of Medicine, Salt Lake City, UT, USA	110
17:45	INDUCTION OF MICRORNA-1 BY MYOCARDIN IN SMOOTH MUSCLE CELLS INHIBITS CELL PROLIFERATION (Invited Lecture) J. Chen, Y-L. Jiang, S. Radhakrishnan, J. Li, H. Yin, E. Catharina, D-Z. Wang, <b>X-L. Zheng</b> , The University of Calgary, Calgary, AB, Canada	111

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**16:45 – 18:45**

**Hall B**

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**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) <b>W.S. Aronow</b> , New York Medical College, Valhalla, NY, USA	112
17:00	PULMONARY PRESSURE RESPONSE TO EXERCISE: FROM PHYSIOLOGY TO PATHOLOGY (Invited Lecture) <b>E. Bossone</b> , F. Ferrara, R. Citro Cava de Tirreni & Amalfi Coast Hospital, Amalfi Coast, Italy	113
17:15	NEURAL MECHANISMS OF HYPERTENSION: FROM THE VIEW OF THE CENTRAL NERVOUS SYSTEM (Invited Lecture) <b>Y. Hirooka</b> , Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan	114
17:30	CHRONIC THROMBO-EMBOLIC PULMONARY HYPERTENSION: EVALUATION AND TREATMENT (Invited Lecture) <b>O. Ben-Yehuda</b> , University of California, San Diego, CA, USA	115
17:45	ENDOTHELIAL PROGENITOR CELLS: ROLE IN VASCULAR BIOLOGY AND IMPLICATIONS OF THE RENIN-ANGIOTENSIN SYSTEM (Invited Lecture) <b>S. Wassmann</b> , Lady Davis Institute and Jewish General Hospital, Montreal, Canada	116
18:00	INFRAPOPLITEAL INTERVENTION FOR LIMB SALVAGE (Invited Lecture) <b>O. Kawarada</b> , Stanford University Medical Center, Stanford, CA, USA	117
18:15	THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE IN HIV PATIENTS N. Gupta, C. Lau, R. Parikh, I. Gupta, <b>S. Bajaj</b> , A. Agarwal, W. Dhillon, A. Al-dehneh, M. Lange, M. Bikkina, Saint Joseph Regional Medical Center, Paterson, NJ, USA	118
18:30	HYPOTENSIVE RESPONSES TO THE ALPHA2-ADRENERGIC AGONISTS ARE ENHANCED AND ACCOMPANIED BY INCREASED G PROTEIN COUPLING IN SPINOPHILIN NULL MICE R. Lu, Y. Chen, N. Peng, K. Jiao, L.E. Limbird, J.M. Wyss, <b>Q. Wang</b> University of Alabama at Birmingham, Birmingham, AL, USA	119

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**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 120  
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 121  
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 122  
**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 123  
**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- $\kappa$ B ACTIVATION IN HUMAN AORTIC ENDOTHELIAL CELLS 124  
**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 125  
**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 126  
**I.H. Chae**, M.A. Kim, H.S. Kim, M.M. Lee, Y.B. Park  
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 127  
**W-H. Ling**, D-L. Wang, Z-W. Zhang, Wenhua Ling Sun Yat-sen University, Guangzhou, China
- 18:45 ASSOCIATION OF PLASMA THROMBIN-ACTIVATABLE FIBRINOLYSIS INHIBITOR ACTIVITY WITH THE OCCURRENCE, SEVERITY AND EXTENT OF THE DISEASE, AND WITH PLASMA C-REACTIVE PROTEIN AND FIBRINOGEN LEVELS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE 128  
I. Konukcu, **M.N. Akkus**, S. Seyis, I.T. Ozcan, D. Cicek, V.G. Cin  
Mersin University School of Medicine, Mersin, Turkey

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**16:45 – 19:30**

**S25 (cont.)**

**Hall C**

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Abstract No.

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|-------|---|-----|
| 19:00 | ANTI-PHOSPHATIDYL SERINE AUTOANTIBODY EXPRESSION AS A POTENTIAL BIOMARKER FOR PATIENTS WITH PREMATURE CORONARY EVENTS WITH ANTI-PHOSPHOLIPID SYNDROME<br><b>H.Y. Ali</b> , Z.A. Abdullah, Technical & Health Institute, Zakho, Zakho-Kurdistan Region, Iraq | 129 |
| 19:15 | ALTERATION OF REDOX-MEDIATED VASCULAR THROMBOSIS WITH A NOVEL DERIVATIVE OF ASTAXANTHIN<br><b>F.J. Pashkow</b> , T.J. King, K. Fujioka, T.H. Goodin, S.K. Kahn, P.F. Bodary<br>Cardax Pharmaceuticals, Inc., Aiea, HI, USA                                  | 130 |

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**16:45 – 19:00**

**Hall D**

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**S26**

**Session**

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

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

Abstract No.

- |       |  |     |
|-------|--|-----|
| 16:45 | INCIDENCE OF MYOCARDITIS IN PATIENTS WITH DIABETIC CARDIOMYOPATHY<br>C. Chimenti, C. Centurion, <b>P. Severino</b> , R. Verardo, F. Toscano, F. Fedele<br>La Sapienza University, Rome, Italy  | 131 |
| 17:15 | ECHOCARDIOGRAPHIC FEATURES OF ACUTE CARDIORENAL SYNDROME IN PATIENTS WITH ADVANCED HEART FAILURE<br><b>S. Dadfarmay</b> , E. Alhaj, R.L. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA  | 133 |
| 17:30 | DISTINCT TRAJECTORIES OF FATIGUE IN CHRONIC HEART FAILURE AND THEIR ASSOCIATION WITH PROGNOSIS<br><b>O.R.F. Smith</b> , N. Kupper, P. De Jonge, J. Denollet<br>Tilburg University, Tilburg, The Netherlands and University of Bergen, Bergen, Norway   | 134 |
| 17:45 | THE ROLE OF ANGIOTENSIN ON MITOCHONDRIAL ATP PRODUCTION AND THE EFFECT OF ANGIOTENSIN ON ADRIAMYCIN-INDUCED CARDIOMYOPATHY<br><b>N. Dursun</b> , E. Taskin, M.B. Yerer Aycan, K. Ozdogan, E. Kunduz<br>University of Erciyes, Kayseri, Turkey  | 135 |
| 18:00 | PREDICTING EFFECTS OF EXERCISE TRAINING IN PATIENTS WITH HEART FAILURE SECONDARY TO ISCHEMIC OR IDIOPATHIC DILATED CARDIOMYOPATHY<br><b>H.M. Kemps</b> , G. Schep, W.R. de Vries, S.L. Schmikli, M.L. Zonderland, E.J. Thijssen, P.F.F. Wijn, P.A.F.M. Doevendans<br>Maxima Medical Centre, Veldhoven, The Netherlands | 136 |
| 18:15 | EFFICACY AND SAFETY OF CARPERITIDE FOR ACUTE HEART FAILURE: A MULTICENTER RANDOMIZED CONTROLLED DOSE-FINDING STUDY<br><b>G. Wang</b> , W. Liu, J. Zhang<br>Fu Wai Hospital and Chinese Academy of Medical Sciences, China  | 137 |
| 18:30 | FRACTIONAL EXCRETION OF SODIUM (FENA) AND WORSENING RENAL FUNCTION IN HEART FAILURE (HF) EXACERBATION<br>F.T. Alattar, <b>N. Imran</b> , V.A. DeBari, K.N. Mallah, F.E. Shamoon<br>Trinitas Regional Medical Center, Elizabeth, NJ, USA  | 138 |
| 18:45 | MOLECULAR HETEROGENEITY OF NATRIURETIC PEPTIDES: EFFECTS ON DIAGNOSTIC RESULTS<br><b>E.E. Niederkofler</b> , U.A. Kiernan, J. O'Rear, N.S. Pollitt, U. Schellenberger, A. Protter, R.W. Nelson, Intrinsic Bioprobes Inc., Tempe, AZ, USA   | 139 |

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13:30 – 18:30

Poster Hall

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Board No.		Abstract No.
<b>P200</b>	<b>Poster Session</b> <b>PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION</b>	
1	PLASMIN INDUCES ENDOTHELIUM-DEPENDENT RELAXATION IN THE PORCINE CORONARY ARTERY <b>T. Fujiyoshi</b> , K. Hirano, H. Kanaide National Kyushu Medical Center, Japan	140
2	PRODRUGS OF ASTAXANTHIN FOR INFLAMMATORY MANIFESTATIONS OF OXIDATIVE STRESS IN CARDIOVASCULAR DISEASE <b>F.J. Pashkow</b> , H.P. McNulty, R.P. Mason, S.F. Lockwood, G.J. Gross, D.A. Lauver, E.M. Driscoll, B.R. Lucchesi, G.M. Rishton Cardax Pharmaceuticals, Inc., Aiea, John A Burns School of Medicine, Honolulu, HI, USA	483
<b>P201</b>	<b>Poster Session</b> <b>CONTRAST ECHOCARDIOGRAPHY</b>	
3	RELIABLE MYOCARDIA CONTRAST ECHOCARDIOGRAPHY BY USING VALUES OF INTENSITY DIFFERENCE <b>R. Kakihara</b> , C. Naruse, H. Hironaka, T. Tsuzuku Kakihara Clinic, Toyohashi, Aichi, Japan	141
<b>P202</b>	<b>Poster Session</b> <b>STRESS ECHOCARDIOGRAPHY</b>	
4	ATRIAL FIBRILLATION DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY: PATIENT CHARACTERISTICS AND OUTCOMES <b>Y. Acharya</b> , J. Bhattarai, K. Cope, A. Qureshi, J. Shirani Geisinger Medical Center, Danville, PA, USA	142
5	VALUE OF COMBINING LEFT ATRIAL SIZE AND E/E' INDEX DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY <b>S. Enar</b> , L. Sarac, Turkiye Hospital, Istanbul, Turkey	143
6	QUANTITATIVE EXERCISE STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK P. Kozlov, <b>M. Prokudina</b> , E. Malev, E. Shlyakhto, Federal Center of Heart, Blood and Endocrinology named V.A. Almazov, St. Petersburg, Russia	144
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7	DIAGNOSTIC ACCURACY OF EXERCISE ECHOCARDIOGRAPHY WITH VISUAL ESTIMATION AND TISSUE DOPPLER IMAGING <b>M. Prokudina</b> , E. Malev, P. Kozlov, E. Klokova, N. Tsai, I. Konstantinov, E. Shlyakhto, Federal Center of Heart, Blood and Endocrinology, St.Petersburg, Russia	145

**SUNDAY, JULY 25, 2010**

**13:30 – 18:30**

**Poster Hall**

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8	IMPACT OF EPICARDIAL FAT ON THE COMPONENTS OF ATHEROMATOUS PLAQUE OF CORONARY ARTERY IN PATIENTS WITH ANGINA <b>J-H. Shin</b> , 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	146
9	SNOW-SHOVELING AND THE RISK OF ACUTE CORONARY SYNDROMES <b>R.B. Nichols</b> , W.F. McIntyre, S. Chan, D. Scogstad-Stubbs, W. M.Hopman, A. Baranchuk, Queen's University, Kingston, ON, Canada	147
10	SMOKING-RELATED LOW HDL-C LEVEL AND REGRESSION OF CORONARY ATHEROSCLEROSIS DURING STATIN THERAPY <b>J. Ando</b> , M. Takahashi, D. Sawaki, H. Iwata, H. Fujita, Y. Hirata, R. Nagai, T. Kimura, H. Daida, M. Matsuzaki, The University of Tokyo Hospital, Tokyo,	148
11	PRESENTATION AND OUTCOMES OF HISPANIC WOMEN WITH ACUTE CORONARY SYNDROME <b>P.G. Pina Peguero</b> , K. Jacobs, P. Eryazici, A. Volgman, M.C. Karam Demori John H. Stroger Hospital of Cook County, Chicago, IL, USA	149
12	PROGNOSTIC VARIABLES IN LOCALLY NON STEMI AND ITS COMPARISON WITH PROPOSED BY THE GUIDES SCORES C.R. Zoni, <b>S.M. Macin</b> , J. Kriskovich, J. Parras, J. Escalante, F. Echeverria, G. Aristimuno, E.R. Perna, Institute of Cardiology, Corrientes, Argentina	150
13	TRIMETAZIDINE IN ACUTE MYOCARDIAL INFARCTION: THE INFLUENCE ON ISCHEMIC AND ECHOCARDIOGRAPHIC PARAMETERS H.G. Hayrapetyan, <b>P.S. Karakhanyan</b> , S.S. Martirosyan, Erebouni MC, Armenia	151
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 <b>H.G. Hayrapetyan</b> , Erebouni MC, Yerevan, Armenia	152
<b>P205</b>	<b>Poster Session</b> <b>SECONDARY PREVENTION, PROGNOSIS RISK STRATIFICATION, CARDIAC REHAB</b>	
15	PREDICTION OF LENGTH OF STAY FOLLOWING PERCUTANEOUS CORONARY INTERVENTION <b>A. Negassa</b> , E.S. Monrad, Albert Einstein College of Medicine, Bronx, NY, USA	153

**SUNDAY, JULY 25, 2010**

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**13:30 – 18:30**

**Poster Hall**

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Board No.

Abstract No.

**P206      Poster Session**  
**PRIMARY PREVENTION OF CORONARY ARTERY DISEASE/ RISK FACTORS**  
**FOR ATHEROTHROMBOTIC DISEASE**

- |    |   |     |
|----|---|-----|
| 16 | A MULTI-CENTER PROSPECTIVE RANDOMIZED STUDY TO DETERMINE THE EFFECTS OF EXERCISE-MANAGED INTERVENTION: COMPARISON OF BASELINE DATA IN RURAL AND URBAN CENTERS<br><b>S. Shapiro</b> , M. Stuckey, K. Sabourin, K. Draudt, K. Shoemaker, A. Fleischhauer, C. Munoz, R. Petrella,<br>Aging, Rehabilitation, and Geriatric Care Research Centre, ON, Canada | 154 |
| 17 | BODY IMAGE DISSATISFACTION AND BARRIERS TO WEIGHT LOSS AMONG OVERWEIGHT AND OBESE WOMEN<br>J. Decolongon, <b>J.K. Rodriguez</b> , E.G.V. Giardina<br>Center for Women's Health Columbia University Medical Center, New York, NY, USA  | 155 |
| 18 | EFFECTS OF ACUTE LOW DIET AND HIGH VOLUME EXERCISE ON ANTHROPOMETRIC INDEXES IN OBESE ADULTS<br><b>C.K.C. Sa</b> , R.M. Galdino, M.C.C. Tenorio, A.M. Mendonca<br>Universidade Estadual de Feira de Santana, Feira de Santana, Brazil   | 156 |
| 19 | ANTHROPOMETRIC INDICATORS OF CENTRAL OBESITY IN PREDICTING HIGH CORONARY RISK IN BRAZILIAN WOMEN<br><b>R.T. Almeida</b> , M.M.G. Almeida, T.M. Araujo, D.E.R. Lima<br>Universidade Estadual de Feira de Santana, Feira de Santana, Bahia, Brazil  | 157 |
| 20 | PHYSICAL ACTIVITY AND REMOTE BLOOD PRESSURE MONITORING TO REDUCE THE RISK OF CARDIOVASCULAR DISEASE IN A RURAL POPULATION<br><b>M.I. Stuckey</b> , E. Russell-Minda, R. Fulkerson, E. Read, C. Munoz, R.J. Petrella, The University of Western Ontario, School of Kinesiology, ON, Canada   | 158 |
| 21 | EFFECT OF OPIUM ADDICTION ON NUTRITIONAL PATTERN OF PATIENTS WITH CARDIOVASCULAR DISEASES<br><b>H. Derakhshanian</b> , M. Zabihi, A. Amin, M. Maleki<br>Tehran University, Tehran, Iran   | 159 |

**P207      Poster Session**  
**LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC**  
**CARDIOMYOPATHY**

- |    |  |     |
|----|--|-----|
| 22 | COLLEGIATE FOOTBALL LINEMEN HAVE LARGER CARDIAC SIZE RELATIVE TO BODY SIZE COMPARED WITH OTHER FOOTBALL POSITIONS<br><b>J. Sadik</b> , M.J. Lipinski, V.F. Froelicher, Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA | 160 |
| 23 | AMP ACTIVATED PROTEIN KINASE- $\alpha 2$ PROTECTS HEART FROM LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE<br>P. Zhang, X. Hu, X. Xu, Z. Lu, J. Fassett, R.J. Bache, <b>Y.J. Chen</b><br>University of Minnesota, Minneapolis, MN, USA                    | 161 |

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**13:30 – 18:30**

**Poster Hall**

Board No.		Abstract No.
24	EFFECT OF SPIRONOLACTONE, TELMISARTAN AND THEIR COMBINATION ON ISOPRENALINE INDUCED CARDIAC HYPERTROPHY B.R. Goyal, <b>R.K. Goyal</b> , A.A. Mehta, Institute of Pharmacy-Nirma University, Ahmedabad, India	162
<b>P208</b>	<b>Poster Session</b> <b>PATHOPHYSIOLOGY OF HEART FAILURE</b>	
25	LEPTIN INDUCES INTERLEUKIN-18 VIA ENDOTHELIN-1-RHO/RHO-KINASE-PPAR/NF-KB PATHWAY IN CARDIOMYOCYTES <b>T. Doi</b> , T. Sakoda, T. Akagami, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi, Division of Coronary Heart Disease, Japan	163
26	HIGH DENSITY LIPOPROTEIN FROM CARDIOMYOPATHY PATIENTS IS NOT ANTI INFLAMMATORY J.B. Kim, G. Hough, G.C. Fonarow, <b>M. Navab</b> David Geffen School of Medicine, University of California Los Angeles, CA, USA	164
<b>P209</b>	<b>Poster Session</b> <b>ELECTROPHYSIOLOGICAL TECHNIQUES OF MAPPING AND ABLATION</b>	
27	SPECTRUM OF FRACTIONATION IN THE LEFT ATRIUM DURING ATRIAL FIBRILLATION <b>G. Monir</b> , S. Pollak, Florida Hospital, Orlando, Florida, USA	165
28	IMPACT OF LEFT ATRIAL ANATOMY ON FREQUENCY OF COMPLEX FRACTIONATED ELECTROGRAMS <b>S. Verma</b> , N. Garg, E. Charaf, Cardiology Consultants, Pensacola, FL, USA	166
<b>P210</b>	<b>Poster Session</b> <b>PRACTICE GUIDELINES/ COST CONTAINMENT</b>	
29	SEASONAL AND INFLUENZA A (H1N1) VACCINATION COVERAGE AMONG ADULTS WITH HEART DISEASE, UNITED STATES, 2009-2010 SEASON <b>A. Gonzalez-Feliciano</b> , N. Keenan, G. Euler Science Applications International Corporation, Centers for Disease Control and Prevention, Atlanta, GA, USA	167
30	EVIDENCE BASED USE OF THE ESE - DOES IT ADD TO A NEGATIVE ETT? J. Southard, <b>S. Schaefer</b> , Univeristy of California, Davis, CA, USA	168
31	CLINICAL PRACTICE GUIDELINES: AMIODARONE FOR ATRIAL FIBRILLATION FOLLOWING CARDIAC SURGERY <b>U. Khanderia</b> , P.C. Walker, D. Wagner, University of Michigan Hospitals and College of Pharmacy, Ann Arbor, MI, USA	169
32	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, <b>S.J. Walsh</b> Cardiology Department, Belfast Health and Social Care Trust, Belfast, UK	170

**SUNDAY, JULY 25, 2010**

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**13:30 – 18:30**

**Poster Hall**

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Board No.		Abstract No.
33	PREVALENCE OF USE OF ADVANCE DIRECTIVES, HEALTH CARE PROXY, LEGAL GUARDIAN, AND LIVING WILL IN 512 PATIENTS HOSPITALIZED IN A CARDIAC CARE UNIT IN 2 COMMUNITY HOSPITALS <b>B. Bhushan</b> , A. Kumar, W.S. Aronow, M. Alexa, R. Gothwal, S. Jesmajian, P. Gaba, J. Catevenis, Prince George's Hospital Center, Cheverly, MD, USA	171
<b>P211</b>	<b>Poster Session</b> <b>COMPUTERS IN CARDIOLOGY</b>	
34	PARTIALLY EXTRACTED DEFIBRILLATOR COILS AND PACING LEADS ALTER DEFIBRILLATION THRESHOLDS <b>T.A. Pilcher</b> , J.D. Stinstra, J.G. Tate, E.V. Saarel, M.D. Puchalski, R.S. MacLeod, University of Utah, Salt Lake City, UT, USA	172
35	ATRIAL FIBRILLATION REMOTE MONITORING USING A HAND-HELD WIRELESS REMOTE MONITOR D. Vukajlovic, B. Bojovic, V. Vukcevic, I. Gussak, U. Mitrovic, G. Simic, <b>S. George</b> , NewCardio, Inc., Santa Clara, CA, USA	173
36	HOW ACCURATE IS REAL TIME LEFT VENTRICULAR VOLUME ESTIMATION FROM 2D ECHO USING AUTOMATED BORDER DETECTION SOFTWARE? <b>J.A. Karl</b> , S. Ghosh, D. Spevack, Y. Goldberg Montefiore Medical Center, New York, NY, USA	174
37	CLINICAL UTILITY OF CARDIOBIP IN REMOTE DETECTION OF 12-LEAD ECGS IN PATIENTS WITH EXERCISE-INDUCED ISCHEMIA <b>S. George</b> , V. Vukcevic, B. Bojovic, I. Gussak, V. Giga, I. Stankovic NewCardio, Inc., Santa Clara, CA, USA	175
38	NONINVASIVE ANALYSIS OF STROKE VOLUME VARIABILITY BY RECORDING OF CARDIAC MECHANICAL VIBRATIONS ON THE CHEST <b>K. Tavakolian</b> , A.P. Blaber, H.K. Symonds, A. Akhbardeh, W. Lee, B. Kaminska, Simon Fraser University, Burnaby, BC, Canada	176

**INTERNATIONAL ACADEMY OF CARDIOLOGY  
15<sup>th</sup> WORLD CONGRESS ON HEART DISEASE  
ANNUAL SCIENTIFIC SESSIONS 2010**

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

**SCIENTIFIC PROGRAM  
Monday, July 26, 2010**

**MONDAY, JULY 26, 2010**

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**08:30 – 10:15**

**Hall A**

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**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

		Abstract No.
08:30	ASSESSMENT OF VASCULAR FUNCTION IN PAEDIATRIC CARDIOLOGY: AN IMPORTANT EMERGING CLINICAL AREA (Invited Lecture) <b>G. Sandor</b> , University of British Columbia, Vancouver, BC, Canada	177
08:45	MANAGEMENT OF CARDIOVASCULAR DISEASE IN TURNER SYNDROME (Invited Lecture) <b>A.T. Yetman</b> , Primary Children's Medical Center, Salt Lake City, UT, USA	178
09:00	RECENT ADVANCES IN THE TREATMENT OF ABDOMINAL AORTIC ANEURYSM: ROLE OF PHOTOTHERAPY (Invited Lecture) <b>S.D. Gertz</b> , C. Rubinstein, A. Bulut, Y. Berlatzky, R. Beerli, D. Gilon The Hebrew University -Hadassah Medical School, Jerusalem, Israel	179
09:15	CONCURRENT INTRACRANIAL AND THORACIC AORTIC ANEURYSMS (Invited Lecture) G.A. Kuzmik, M. Feldman, M. Tranquilli, J.A. Rizzo, M. Johnson, <b>J. Elefteriades</b> , Yale University School of Medicine, New Haven, CT, USA	180
09:30	UPDATE ON MECHANISMS, MARKERS AND NON-SURGICAL THERAPIES FOR AORTIC ANEURYSM (Invited Lecture) <b>J. Golledge</b> , James Cook University, School of Medicine, Queensland, Australia	181
09:45	MAST CELL PROTEASES CONTRIBUTE TO ABDOMINAL AORTIC ANEURYSM FORMATION IN MICE (Invited Lecture) <b>G-P. Shi</b> , Brigham and Women's Hospital, Boston, MA, USA	182
10:00	COMBINED SURGERY OF ACUTE TYPE A AORTIC DISSECTIONS BY ASCENDING AORTA REPLACEMENT AND BARE STENT <b>B. Leobon</b> , D. Roux, S. Sacconi, Y. Glock, G. Fournial Department of Cardiovascular Surgery B, CHU De Rangueil, Toulouse, France	183
10:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

**MONDAY, JULY 26, 2010**

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**08:30 – 10:45**

**Hall B**

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**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) <b>M. Navab</b> , David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	184
08:45	ROLE OF INFLAMMASOME IN CARDIOVASCULAR DISEASES (Invited Lecture) <b>M. Takahashi</b> , Jichi Medical University, Tochigi, Japan	185
09:00	NOVEL MECHANISMS OF MACROPHAGE ACTIVATION AND CARDIOMETABOLIC DISORDERS (Invited Lecture) <b>M. Aikawa</b> , Brigham and Women's Hospital, Boston, MA, USA	186
09:15	DEFICIENCY OF TDAG51 IN APOE-DEFICIENT MICE REDUCES ATHEROGENESIS (Invited Lecture) G.S. Hossain, J. Zhou, E. Lynn, K. Maclean, B. Trigatti, S. Lhotak, D. Tang, J. Dickhout, <b>R.C. Austin</b> , McMaster University, Hamilton, Ontario, Canada	187
09:30	THE ROLE OF DNA DAMAGE RESPONSE IN ATHEROSCLEROSIS AND VASCULAR SMOOTH MUSCLE CELL APOPTOSIS (Invited Lecture) <b>T. Ishida</b> , Hiroshima University Graduate School of Biomedical Sciences, Hiroshima, Japan	188
09:45	MODULATION OF THE ATHEROSCLEROTIC PLAQUE BY SHEAR STRESS (Invited Lecture) <b>S. Lehoux</b> , Lady Davis Institute McGill University, Montreal, QC, Canada	189
10:00	IS APOB100 INNOCENT IN ATHEROSCLEROSIS? IDENTIFICATION OF AN APOB100 DERIVED CHEMOTACTIC PEPTIDE FOR HUMAN INFLAMMATORY CELLS (Invited Lecture) D.F. Ketelhuth, F.J. Francisco, H.Q. Liu, J. Nilsson, G.K. Hansson, <b>Z-Q. Yan</b> , Karolinska Institute, Stockholm, Sweden	190
10:15	THE ROLE OF PLASMACYTOID DENDRITIC CELLS IN PLAQUE DESTABILIZATION (Invited Lecture) <b>A. Niessner</b> , Medical University of Vienna, Austria	191
10:30	C-REACTIVE PROTEIN MEDIATED VASCULAR INJURY REQUIRES COMPLEMENT <b>A.J. Szalai</b> , M.A. McCrory, F.G. Hage, S. Oparil, D. Xing, Y.F. Chen The University of Alabama at Birmingham, Birmingham, AL, USA	192
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<br><b>J.J. Mahmarian</b> , M.D. Cerqueira, A.E. Iskandrian, T.M. Bateman, G.S. Thomas, R.C. Hendel, L.A. Moye, A.W. Olmsted<br>Methodist DeBakey Heart and Vascular Center, Houston, TX, USA   | 193 |
| 08:45 | MYOCARDIAL PERFORMANCE INDEX BY TISSUE DOPPLER IMAGING M-MODE PREDICTS MORTALITY IN THE GENERAL POPULATION<br><b>R. Mogelvang</b> , T. Biering-Sorensen, S. Haahr-Pedersen, P. Schnohr, P. Sogaard, J.S. Jensen, Holbaek University Hospital, Holbaek, Denmark  | 194 |
| 09:00 | SAFETY OF REGADENOSON IN CHRONIC KIDNEY DISEASE PATIENTS<br>K. Ananthasubramaniam, <b>G. Palani</b> , Z. Husain, A. Karthikeyan, V. Karthikeyan<br>Henry Ford Hospital, Detroit, MI, USA  | 195 |
| 09:15 | LAMBL'S EXCRESCENCES IN A COMMUNITY POPULATION VERSUS REFERRAL POPULATION: DO THEY INCUR A RISK OF EMBOLIC EVENTS?<br><b>M.J. Ansari</b> , C. Shub, M. Grogan, W.D. Edwards, I. Meissner, B. Khandheria, K.W. Klarich, University Hospitals, Case Medical Center, Cleveland, OH, USA  | 196 |
| 09:30 | DISCOVERY OF ISCHEMIA BY MULTIPLE VARIABLES<br><b>J.C. Maganis</b> , D.A. Drimmer, F.B. Rojo, R.H.S. Selvester, M.H. Ellestad<br>Long Beach Memorial Medical Center, Long Beach, USA  | 197 |
| 09:45 | STUDY EVALUATING THE APPROPRIATENESS OF THE PUBLISHED APPROPRIATENESS CRITERIA FOR ORDERING PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MYOCARDIAL PERFUSION IMAGING<br><b>R. Ramaraj</b> , E. Panczyk, T.K. Walsh, M. Pack<br>University of Arizona, Tucson, AZ, USA   | 198 |
| 10:00 | ROBOTIC-ASSISTED LOCOMOTION TRAINING IMPROVES LEFT VENTRICLE DIASTOLIC FUNCTION AND ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH LOST SENSORIMOTOR FUNCTION: AN ECHOCARDIOGRAPHIC STUDY<br><b>S. Sitia</b> , L. Tomasoni, I. Bo, L. Gianturco, V. Magagnin, E. Caiani, M. Turiel<br>Cardiology Unit, Department of Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy | 199 |
| 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<br>N.C. Bhalodkar, <b>M. Atoui</b> , R. Alvi, A. Gardezi, U. Khan, N. Paladugu, S. Blum<br>Bronx-Lebanon Hospital Center, Bronx, NY, USA; Affiliated with Albert Einstein College of Medicine  | 200 |
| 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<br><b>H. Swanton</b> , R. Boyle<br>The Heart Hospital, London, UK  | 201 |
| 08:45 | PREVALENCE AND MANAGEMENT OF CARDIOVASCULAR DISEASE RISK FACTORS IN VON WILLEBRAND DISEASE PATIENTS<br><b>M.Y. Lim</b> , A. Eckerman, K. Schmidt, R. Pruthi<br>Department of Internal Medicine, Mayo Clinic, Rochester, MN, USA   | 202 |
| 09:00 | THE EFFECT OF CORONARY ARTERY DISEASE ON THE HEART RATE RESPONSE DURING A VALSALVA MANEUVER<br>S.A. Atapattu, G. Robalino, <b>A. Badiye</b> , C. Marin, E. de Marchena<br>University of Miami, Miami, FL, USA   | 203 |
| 09:15 | DEPRESSION SUBTYPES, INFLAMMATION, AND NEW CORONARY HEART DISEASE (CHD) EVENTS IN PATIENTS WITH KNOWN CHD<br><b>J.A. Shaffer</b> , K.W. Davidson, D. Shimbo, Columbia University Medical Center, New York, NY, USA  | 204 |
| 09:30 | THE TRIGLYCERIDE BUT NOT THE CHOLESTEROL CONTENT OF HDL IS ASSOCIATED WITH SIGNS AND SYMPTOMS OF STATIN INTOLERANCE<br><b>T. Bouhali</b> , K. Tremblay, M. Santure, J. Methot, L. Bouchard, D. Brisson, D. Gaudet<br>Ecogene-21, Universite de Montreal, Chicoutimi, QC, Canada                                     | 205 |
| 09:45 | EFFECT OF INTENSIVE LIFESTYLE CHANGES ON ENDOTHELIAL FUNCTION AND ON INFLAMMATORY MARKERS OF ATHEROSCLEROSIS<br>H.S. Dod, <b>R. Bhardwaj</b> , V. Sajja, G. Weidner, G. Hobbs, N.C. Nanda, B.E. Warden, R.J. Beto, D. Ornish, A.C. Jain, WVUH Morgantown, WV, USA   | 206 |
| 10:00 | STABLE NUCLEIC ACID LIPID PARTICLE MEDIATED GENE SILENCING AMELIORATES ATHEROGENIC HYPERLIPIDEMIA IN MICE<br><b>M.L.E. MacDonald</b> , J. Kaldestad, K. McClintock, A. Dhillon, M.L. Eisenhardt, C. Kwok, D. Le, J.R. Phelps, I. MacLachlan, A.C.H. Lee<br>Tekmira Pharmaceuticals Corporation, Burnaby, BC, Canada | 207 |
| 10:15 | PARADOXICAL SYSTOLIC BLOOD PRESSURE INCREASE AFTER GRADED EXERCISE PREDICTS SEVERE CORONARY ARTERY DISEASE AND ALL-CAUSE MORTALITY<br><b>T.C. Su</b> , M.F. Chen, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan  | 208 |
| 10:30 | STATINS DO NOT AFFECT LDL AND HDL SUBFRACTIONS AND THEIR PARTICLE SIZES AMONG ASIAN INDIANS<br>N.C. Bhalodkar, <b>J. Loganathan</b> , A. Mehta, D. Purwaha, S. Blum<br>Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, NY, USA  | 209 |

**MONDAY, JULY 26, 2010**

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**08:30 – 11:00**

**S28 (cont.)**

**Hall D**

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Abstract No.

- 10:45      EFFECT OF LOW DENSITY LIPOPROTEIN APHERESIS ON PLASMA  
LEVELS OF APOLIPORPTEIN E4      210  
**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

**MONDAY, JULY 26, 2010**

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**10:45 – 13:15**

**Hall A**

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**PL: 09      Plenary Session**  
**INSIGHTS INTO THE MECHANISM AND MANAGEMENT OF ATRIAL**  
**FIBRILLATION / STROKE PREVENTION**

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

		Abstract No.
10:45	CALCIUM/CALMODULIN KINASE, DYSFUNCTIONAL SARCOPLASMIC RETICULUM, AND ATRIAL FIBRILLATION (Invited Lecture) <b>D. Dobrev</b> , Dresden University of Technology, Dresden, Germany	211
11:00	CARDIAC CONSEQUENCES OF ALTERED SIGNAL TRANSDUCTION IN ATRIAL FIBRILLATION (Invited Lecture) <b>A. Goette</b> , St. Vincenz-Hospital, Paderborn, Germany	212
11:15	MRI FOR AF MANAGEMENT: STAGING AF AND BEYOND (Invited Lecture) <b>N. Marrouche</b> , M. Daccarett, N. Akoum, T.J. Badger, N.S. Burgon, G. Cergara, E. Kholmovski, C.J. McGann, D. Parker, R.S. MacLeod University of Utah Health Sciences Center, Salt Lake City, UT, USA	213
11:30	LEFT ATRIAL APPENDAGE OCCLUSION (Invited Lecture) <b>H. Sievert</b> , J. Wiebe, S. Bertog, N. Wunderlich Cardiovascular Center Frankfurt, Germany	214
11:45	NEW DEVELOPMENTS IN ANTICOAGULATION IN ATRIAL FIBRILLATION (Invited Lecture) <b>A. Martinez-Rubio</b> , Hospital de Sabadell, Barcelona, Spain	215
12:00	TELEMEDICINE FOR DIAGNOSING AND MANAGING PAROXYSMAL ATRIAL FIBRILLATION IN OUTPATIENTS: THE PHONE, NOT THE PILL, IN THE POCKET (Invited Lecture) <b>A. Roth</b> , J. Shacham, E.Y. Birati, N. Malov, Y. Yanay, D.M. Steinberg, M. Tamari, M. Golovner, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel	216
12:15	THE EMERGING USE OF CRYOABLATION FOR THE TREATMENT OF ATRIAL FIBRILLATION (Invited Lecture) <b>P.G. Guerra</b> , Montreal Heart Institute, Canada	217
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) <b>A. Ducharme</b> , Montreal Heart Institute, Quebec, Canada	218
12:45	ABLATION OF ATRIAL FIBRILLATION USING A NOVEL UNI- AND BIPOLAR RADIOFREQUENCY ENERGY ABLATION SYSTEM (Invited Lecture) <b>T. Deneke</b> , K. Buenz, A. Bastian, R. Haberkorn, M. Paessler, H. Anders, M. Horlitz, M. Horlitz, P.H. Grewe, D.I. Shin, University of Bochum, Germany	219
13:00	CAVOTRICUSPID ISTHMUS CATHETER ABLATION WITHOUT THE USE OF FLUOROSCOPY <b>L. Tercedor</b> , M. Alvarez, R.S. Galdeano, L. Munoz, F. Valverde, R. Penas, R. Melgares, University Hospital Virgen de las Nieves, Granada, Spain	220
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.

10:45	PATHOPHYSIOLOGY OF AORTIC STENOSIS: ROLE OF OXIDATIVE STRESS (Invited Lecture) <b>D.D. Heistad</b> , R.M. Weiss, D.D. Lund, J.D. Miller, Y. Chu University of Iowa College of Medicine, Iowa City, IA, USA	221
11:00	LOX-1 IN CARDIOVASCULAR DYSFUNCTION (Invited Lecture) <b>T. Sawamura</b> , National Cardiovascular Center Research Institute, Suita, Osaka, Japan	222
11:15	REGULATION OF NAD(P)H OXIDASE BY HEMODYNAMIC FORCES: IMPACT ON ARTERIOSCLEROSIS (Invited Lecture) <b>H. Morawietz</b> , Dresden University of Technology, Dresden, Germany	223
11:30	NOVEL MYLEPEROXIDASE INHIBITORS INHIBIT LDL OXIDATION AND IMPROVE VASODILATATION (Invited Lecture) H. Zhang, J. Du, T. Guan, D.W. Jones, Y. Shi, H. Xu, C.A. Hillery, <b>K.A. Pritchard Jr.</b> , Medical College of Wisconsin, Milwaukee, WI, USA	224
11:45	CRP AND CARDIOVASCULAR DISEASE: USE IN CLINICAL PRACTICE? (Invited Lecture) <b>B.G. Nordestgaard</b> , Copenhagen University, Denmark	225
12:00	HSP60, INFLAMMATION AND CARDIOVASCULAR DISEASE (Invited Lecture) <b>A.A. Knowlton</b> , University of California, Davis, CA, USA	226
12:15	SIGNAL TRANSDUCTION PATHWAYS IMPLICATED IN THE DEVELOPMENT OF ATHEROSCLEROSIS (Invited Lecture) <b>S. Amar</b> , Boston University, Boston, MA, USA	227
12:30	THE ALTERATION OF THE BIOENERGETIC PATHWAY AGGRAVATES ATHEROSCLEROSIS IN PARAOXONASE-2 DEFICIENCY MICE <b>A. Devarajan</b> , N. Bourquard, S. Morvardi, C. Clarke, V. Grijalva, D. Meriwether III, J.F. Teiber, L. Vergnes, K. Reue, S.T. Reddy The University of Texas Southwestern Medical Center, Dallas, TX, USA	228
12:45	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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**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<br>TRANSCORONARY ABLATION OF SEPTAL HYPERTROPHY<br>T. Lawrenz, <b>M. Schloesser</b> , M. Bartelsmeier, C. Leuner,<br>C. Strunk-Mueller, D. Meyer zu Vilsendorf, H. Kuhn, C. Stellbrink,<br>Klinikum Bielefeld-Mitte, Bielefeld, Germany               | 230 |
| 11:00 | EARLY DYSTROPHIN DISRUPTION IN THE PATHOGENESIS OF<br>EXPERIMENTAL CHRONIC CHAGAS CARDIOMYOPATHY<br>C.M. Prado, M.R.N. Celes, L.M. Malvestio, E.C. Campos, L.A. Jelicks,<br>H.B. Tanowitz, <b>M.A. Rossi</b> , Faculty of Medicine of Ribeirao Preto, USP, Brazil                              | 231 |
| 11:15 | A SERVO-CONTROLLED CANINE MODEL OF STABLE SEVERE<br>ISCHEMIC LEFT VENTRICULAR FAILURE<br>R.L. Wagner, <b>W.B. Hood, Jr.</b> , P.A. Howland, Harvard University, Boston, MA, USA  | 232 |
| 11:30 | OCCULT ENDOCARDIAL THROMBOSIS IN IDIOPATHIC LEFT<br>VENTRICULAR DYSFUNCTION<br>A. Frustaci, <b>P. Severino</b> , E. Canali, C. Centurion, M. Mancone, R. Verardo,<br>F. Fedele, C. Chimenti, La Sapienza University, Rome, Italy   | 233 |
| 11:45 | EFFECT OF WEIGHT LOSS ON VENTRICULAR REPOLARIZATION IN<br>MORBIDLY OBESE PATIENTS<br>R. Mukerji, <b>M.A. Alpert</b> , University of Missouri Health Sciences Center, Columbia,<br>MO, USA  | 234 |
| 12:00 | EFFECT OF ADAPTIVE SERVO VENTILATOR ON CARDIAC FUNCTION IN<br>NORMAL AND HEART DISEASE SUBJECTS<br><b>T. Taguchi</b> , H. Adachi, J. Murakami, E. Yamashita, R. Kawaguchi, T. Toyama,<br>S. Naito, H. Hoshizaki, S. Oshima, Gunma Prefectural Cardiovascular Center,<br>Maebashi, Gunma, Japan | 235 |
| 12:15 | SUPPRESSION OF MYOCARDIAL HYPERTROPHY BY<br>PHOSPHODIESTERASE-5 INHIBITORS: THE ROLE OF CALCINEURIN<br>AND P 38 MAPK<br><b>S.Y. Khatib</b> , A. Zeidan, M. Al-Jinabi, A. Badwan<br>Jordan University of Science and Technology, Irbid, Jordan  | 236 |
| 12:30 | ACCURACY OF ECG CRITERIA FOR THE DIAGNOSIS OF LEFT<br>VENTRICULAR HYPERTROPHY<br><b>R. Krittayaphong</b> , V. Nomsawadi, M. Muenkaew, M. Miniphan<br>Siriraj Hospital, Bangkok, Thailand   | 237 |
| 12:45 | COMPLICATIONS OF LOW-DOSE, ECHO-GUIDED ALCOHOL SEPTAL<br>ABLATIONS FOR OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY<br><b>J. Veselka</b> , D. Zemanek, P. Tomasov, S. Homolova, R. Adlova<br>CardioVascular Center, University Hospital Motol, Prague, Czech Republic                               | 238 |

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**10:45 – 13:30**

**S29 (cont.)**

**Hall C**

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		Abstract No.
13:00	PREDICTORS OF LEFT VENTRICULAR MASS AMONG PREDOMINANTLY HISPANIC AND AFRICAN AMERICAN PATIENTS WITH DIABETES MELLITUS IN AN INNER CITY HOSPITAL N.C. Bhalodkar, <b>H. Chelimilla</b> , 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	239
13:15	THE EFFECT OF ETHNICITY ON COMPUTERIZED ELECTROCARDIOGRAM MEASUREMENT OF COLLEGE ATHLETES <b>J. Sadik</b> , M.G. Gademian, M.J. Lipinski, D. Sedehi, E.A. Ashley, V.F. Froelicher Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA	240
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

**MONDAY, JULY 26, 2010**

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**11:00 – 13:30**

**Hall D**

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**S30**

**Session**

**ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT**

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

Abstract No.

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|-------|--|-----|
| 10:45 | IMPACT OF KIDNEY DISEASE AND BLOOD PRESSURE ON THE DEVELOPMENT OF CARDIOVASCULAR DISEASE: RESULTS FROM THE JAPAN ARTERIOSCLEROSIS LONGITUDINAL STUDY<br><b>T. Ninomiya</b> , Y. Kiyohara, Y. Tokuda, Y. Doi, H. Arima, A. Harada, Y. Ohashi, H. Ueshima, Kyushu University, Fukuoka, Japan   | 241 |
| 11:00 | RELATIONSHIP BETWEEN DEPRESSION AND C-REACTIVE PROTEIN LEVELS AND FIRST CORONARY HEART DISEASE EVENT<br><b>K.W. Davidson</b> , 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   | 242 |
| 11:15 | CAROTID DIAMETER IMPROVES THE CAROTID IMT CAPACITY TO PREDICT CORONARY EVENTS: DATA FROM THE IMPROVE STUDY<br><b>D. Baldassarre</b> , M. Amato, E. Tremoli, on behalf of the IMPROVE study group<br>Department of Pharmacological Sciences, University of Milan, Italy   | 243 |
| 11:30 | MORTALITY AND MORBIDITY FROM CORONARY HEART DISEASE IN GERMANY ATTRIBUTABLE TO PASSIVE SMOKING<br>J. Heidrich, J. Wellmann, P. Heuschmann, <b>U. Keil</b><br>University of Muenster, Germany, Charite Universitaetsmedizin Berlin, Germany   | 244 |
| 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<br><b>M. El Shahawy</b> , M. Entcheva, J.N. Cohn<br>Sarasota Memorial Hospital, Sarasota, FL, USA  | 245 |
| 12:00 | HOUSEHOLD FOOD INSECURITY AND OCCURRENCE OF CARDIAC RISK FACTORS IN YOUNG: WHO IS AT RISK?<br><b>A. Bajaj</b> , D.D. Ramdath, M. Moghadasian, P.K. Singal<br>St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, MB, Canada   | 246 |
| 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<br><b>D.M. Eldringhoff</b> , J.M. Backes, J.F. Ruisinger, J.S. Dutton, B.J. Barnes, J.M. Belmont, P.M. Moriarty<br>Kansas University Medical Center, Kansas City, KS, USA | 247 |
| 12:30 | ACUTE MYOCARDIAL INFARCTION IN YOUNG: WHO IS AT RISK?<br><b>S. Bajaj</b> , N. Gupta, R. Parikh, N. Parikh, O. Alrabadi, A. Hamdan, M. Bikkina, F. Shamon<br>St. Joseph's Regional Medical Center, Paterson, New Jersey, USA  | 248 |

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12:45	HDL/APO B RATIO EQUAL OR GREATER THAN 1 AS A POTENTIAL TARGET FOR PREVENTION AND REVERSAL OF CARDIOVASCULAR DISEASE? K.J. Reddy, <b>M. Singh</b> , R.R. Batsell, R.A. Miraskar, J.R. Bangit Reddy Cardiac Wellness, Sugarland, TX, USA	249
13:00	INVERSE CORRELATION BETWEEN BMI AND CORONARY ANGIOGRAPHIC FINDINGS IN AN INNER-CITY MINORITY POPULATION H. Shaqra, <b>N. Fida</b> , 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	250
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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**08:00 – 13:00**

**Poster Hall**

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**P303      Poster Session  
INTERVENTIONAL CARDIOLOGY I**

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

**P304      PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE**

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

**MONDAY, JULY 26, 2010**

**08:00 – 13:00**

**Poster Hall**

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

Board No.		Abstract No.
10	THE ROLE OF CARDIOVASCULAR RISK FACTORS ON LONG-TERM MORTALITY FOLLOWING LIVER TRANSPLANTATION <b>H. Lai</b> , W.S. Aronow, H. Amin, K. Gandhi, H. Desai, D. Shah, T. Chugh, D. Wolf Westchester Medical Center/ New York Medical College, Valhalla, New York, USA	260
11	ACUTE EFFECT OF HIGH INTENSITY PHYSICAL EXERCISE ON POST-PRANDIAL HYPERLIPEMIA IN YOUNG SEDENTARY SUBJECTS J. Petto, J.A. Pereira, R.P. Britto, R.T. Almeida, L.A.P. Souza, M.C.C. Tenorio, J.C.C. Lima, <b>C.K.C. Sa</b> , A.M.T. Ladeia Escola Bahiana de Medicina e Saude Publica, Salvador, Bahia, Brazil	261
12	ENDOTHELIAL DYSFUNCTION AND CORONARY MICROCIRCULATION IN YOUNG RENAL TRANSPLANT RECIPIENTS <b>S. Sitia</b> , L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy	262
13	DIASTOLIC BLOOD PRESSURE REDUCTION AS A PRIMARY MARKER OF STEP IN METABOLIC SYNDROME <b>K.J. Sabourin</b> , M.I. Stuckey, S. Shapiro, K. Draudt, C. Munoz, R.J. Petrella, University of Western Ontario, School of Kinesiology, ON, Canada	263
14	INTEGRATED PRIMARY CARDIOVASCULAR PREVENTION PROGRAMME – EXPERIENCES AND POSITIVE RESULTS FROM THE SLOVENIAN MODEL <b>Z. Fras</b> , M.F. Kenda, University Medical Centre Ljubljana, Division of Internal Medicine, Prev Cardiology Unit, Slovenia	264
15	RISK FACTORS OF ACUTE MYOCARDIAL INFARCT DATA OF HEALTH IN THE PARI SP-SP A.P.G. Leiva, F.Q. Alves, J.A. Barradas, L.C. Souza, <b>A.P.S. Lopes</b> , D.D.B.N. Dias Medicine College of Cidade de Sao Paulo University, Sao Paulo, SP, Brasil	265
<b>P306</b>	<b>PULMONARY ASPECTS, PULMONARY HYPERTENSION</b>	
16	EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON TEI INDEX IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME <b>S. Koga</b> , S. Ikeda, T. Yasunaga, T. Nakata, K. Maemura Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan	266
17	PULMONARY HYPERTENSION IN IPF: DOES SEVERITY MATTER? <b>O. Minai</b> , F. Santacruz, K. McCarthy, J. Alster Cleveland Clinic, Cleveland, Ohio, USA	267
18	PNEUMONIA AND PULMONARY HYPERTENSION <b>T.M. Abu Sharifeh</b> , W.I. Khalife, V.K. Mukku UTMB, Galveston, TX, USA	268
19	ELECTROCARDIOGRAPHIC ABNORMALITIES IN SEVERE VERSUS MILD OR MODERATE CHRONIC OBSTRUCTIVE PULMONARY DISEASE <b>D. Holtzman</b> , W.S. Aronow, M. Mellanna, M. Sharma, N. Mehta, D. Chandy New York Medical College, Valhalla, NY, USA	269

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**08:00 – 13:00**

**Poster Hall**

Board No.		Abstract No.
20	DIFFERENTIATING PULMONARY ARTERIAL AND PULMONARY VENOUS HYPERTENSION AND THE IMPLICATIONS FOR THERAPY <b>S. Dadfarmay</b> , R. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA	270
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21	PREVALENCE OF RENAL ARTERY STENOSIS IN MULTIVESSEL CORONARY ARTERY DISEASE IN IRANIAN POPULATION <b>M. Nourizadeh</b> , M. Adel, E. Hashemi, M. Jadbabae Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran	271
22	RELATIONSHIP BETWEEN DISTRIBUTION OF CORONARY ARTERY LESIONS AND RENAL ARTERY STENOSIS IN PATIENTS UNDERGOING SIMULTANEOUS CORONARY AND RENAL ANGIOGRAPHY <b>N. Salehi</b> , A. Gholoobi, A. Firouzi, F. Shakerian, H.R. Sanati, M. Madani, Iran University, Tehran, Iran	272
<b>P309</b>	<b>CARDIAC ARREST AND SUDDEN CARDIAC DEATH</b>	
23	FIRST DOCUMENTED RHYTHM AND PREDICTORS OF SURVIVAL FOLLOWING IN-HOSPITAL CARDIOPULMONARY RESUSCITATION AT THE MEDICAL CITY <b>M.S. Avelino</b> , R.E. Ramboyong, A.P. Bautista The Medical City Cardiovascular Center, Pasig City, Philippines	273
24	CLINICAL CHARACTERISTICS AND ELECTROCARDIOGRAPHY FEATURES OF BLACK AFRICAN ELITE ATHLETES: THE CAMEROON SOCCER REGISTRY H. Djoumessi, F. Ngoh, S. Mandengue, I. Ditah, <b>A. Bonny</b> University Hospital, University of Douala, Douala, Cameroon	274
25	BRUGADA SYNDROME IN PURE BLACK AFRICANS <b>A. Bonny</b> , J. Tonet, G. Fontaine, J. Lacotte, G. Duthoit, F. Hidden-Lucet, P. Brugada, R. Frank, Hopital Pitie Salpetriere, Unite de Rythmologie, Paris, France	275
26	PERFORMANCE OF AN AUTOMATED EXTERNAL DEFIBRILLATOR IN A MOVING AMBULANCE VEHICLE J-G. Yun, <b>K-W. Jeung</b> , B-K. Lee, H-H. Ryu, H-Y. Lee, T. Heo, Y-I. Min Chonnam National University Hospital, Gwangju, South Korea	276
27	REPRODUCIBILITY AND DIAGNOSTIC VALUE OF SODIUM CHANNEL BLOCKER TEST AT HIGHER PRECORDIAL ECG RECORDING IN PATIENTS WITH BRUGADA SYNDROME: CASE REPORT <b>E. Nakagawa</b> , K. Murai, N. Kino, A. Furukawa, K. Oosawa, Y. Abe, R. Komatsu, T. Naruko, K. Haze, A. Ito Osaka City General Hospital, Osaka, Japan	277

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**08:00 – 13:00**

**Poster Hall**

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28	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, <b>H. Lai</b> New York Medical College, Valhalla, NY, USA	278
<b>P311</b>	<b>MISCELLANEOUS</b>	
29	QTC AND QT DISPERSION IN MORBID OBESITY: ROLE OF LEFT VENTRICULAR MASS R. Mukerji, <b>M.A. Alpert</b> University of Missouri Health Sciences Center, Columbia, MO, USA	279
30	CARDIOVASCULAR COMPLICATIONS FOLLOWING LIVER TRANSPLANTATION <b>H. Lai</b> , W.S. Aronow, A. Harshad, K. Gandhi, H. Desai, D. Shah, T. Chugh, D. Wolf Westchester Medical Center/ New York Medical College, Valhalla, NY, USA	280
31	USEFULNESS OF BREAST ARTERIAL CALCIUM ON MAMMOGRAPHY FOR PREDICTING CORONARY ARTERY DISEASE OR CARDIOVASCULAR EVENTS IN WOMEN WITH ANGINA PECTORIS AND/OR POSITIVE STRESS TESTS N. Penugonda, S.S. Billecke, M.W. Yerkey, M. Rebner, <b>P. Marcovitz</b> Willam Beaumont Hospital, Royal Oak, MI, USA	281
32	TMPG AND OUTCOMES IN TAKO-TSUBO CARDIOMYOPATHY C.N. Ionescu, C.A. Agular Lopez, A. Sakr, A.E. Ghantous, M.P. Chrissoheris, T.J. Donohue, <b>S. Reddy</b> Hospital of Saint Raphael, New Haven, CT, USA	282
33	EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON RENAL FUNCTION IN OBSTRUCTIVE SLEEP APNEA SYNDROME <b>S. Ikeda</b> , S. Koga, T. Nakata, T. Yasunaga, K. Maemura Nagasaki University, Nagasaki, Japan	283
34	THE FULL IMPACT OF CHRONIC CARDIOVASCULAR DISEASES CANNOT BE MEASURED WITHOUT AN ASSESSMENT OF LIFE DECISIONS <b>Z.U. Bhatti</b> , A.Y. Finlay, M.S. Salek, J.J. Halcox Department of Dermatology, School of Medicine, Cardiff University, Cardiff, UK	284
35	PREOPERATIVE SERUM CREATININE IS ASSOCIATED WITH POSTOPERATIVE ATRIAL FIBRILLATION AFTER CORONARY BYPASS SURGERY C.Chen-Scarabelli, G. Faggian, G. Petrilli, M. Tessari, L. Saravolatz, A. Mazzucco, <b>T. Scarabelli</b> VA Ann Arbor Healthcare System, Ann Arbor, MI, USA, University of Verona, Verona, Italy	285
36	ACUTE CORONARY SYNDROME IN YOUNG <b>S.M. Macin</b> , R. Zoni, R. Laurino, M.L. Coronel, E.R. Perna, V. Lepore, G. Olivera, P. Liva, J. Bacaro, J.R. Badaraco Coronary Intensive Unit, Corrientes, Argentina	286

**MONDAY, JULY 26, 2010**

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**14:00 – 16:15**

**Hall A**

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**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) <b>N.S. Dhalla</b> , International Academy of Cardiovascular Sciences, Winnipeg, Manitoba, Canada	287
14:15	ALGINATES FOR THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION AND HEART FAILURE (Invited Lecture) <b>H.N. Sabbah</b> , Henry Ford Hospital, Detroit, MI, USA	288
14:30	AUTOPHAGY IN THE ISCHEMIC HEART (Invited Lecture) <b>D.K. Das</b> , University of Connecticut Medical Center, Farmington, CT, USA	289
14:45	AGING AND REMODELING OF THE RENIN-ANGIOTENSIN-SYSTEM POST INFARCTION (Invited Lecture) <b>B.I. Jugdutt</b> , University of Alberta Hospitals, Edmonton, AL, Canada	290
15:00	PLEIOTROPIC EFFECTS OF PIOGLITAZONE AFFECTING MYOCARDIAL PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY (Invited Lecture) Y. Ye, J.R. Perez-Polo, <b>Y. Birnbaum</b> , Baylor College of Medicine, Houston, TX, USA	291
15:15	INHIBITION OF MALONYL COA DECARBOXYLASE PREVENTS ADVERSE CARDIAC REMODELLING POST-INFARCTION (Invited Lecture) <b>G. Lopaschuk</b> , University of Alberta, Edmonton, AL, Canada	292
15:30	CARDIOPROTECTIVE ACTION OF OXYTOCIN: POSSIBLE ROLE IN STRESS (Invited Lecture) <b>D. Jezova</b> , M. Ondrejčáková, Slovak Academy of Sciences, Bratislava, Slovakia	293
15:45	REMOTE ISCHEMIC CONDITIONING AND ITS CLINICAL APPLICATION (Invited Lecture) <b>I.E. Konstantinov</b> , Royal Children's Hospital, Parkville, Australia	294
16:00	THE ROLE OF THROMBOSPONDIN-1 IN INFARCT HEALING AND CARDIAC REMODELING (Invited Lecture) <b>N. Frangogiannis</b> , Baylor College of Medicine, Houston, TX, USA	295
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

**MONDAY, JULY 26, 2010**

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**14:00 – 15:45**

**Hall B**

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**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) <b>E.L. Barrett-Connor</b> , University of California, San Diego, La Jolla, CA, USA	296
14:15	OBESITY AND MYOCARDIAL REPOLARIZATION (Invited Lecture) <b>M.A. Alpert</b> , St. John's Mercy Medical Center, St Louis, MO, USA	297
14:30	ANTIRETROVIRALS AND CARDIOVASCULAR DISEASE (Invited Lecture) <b>C.J. Chen</b> , 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) <b>M. Yokota</b> , M. Nakatochi, 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) <b>G. Laughlin</b> , University of California, San Diego, La Jolla, CA, USA	300
15:15	HEART RATE - WHAT ROLE IN CV RISK AND PROTECTION? (Invited Lecture) <b>S. Gupta</b> , 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) <b>A. Tybjærg-Hansen</b> , 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.

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|-------|---|-----|
| 14:00 | NORMOTHERMIC CARDIOPULMONARY BYPASS VS. DEEP HYPOTHERMIC CIRCULATORY ARREST FOR REMOVING INFERIOR VENA CAVA TUMOR THROMBUS<br><b>J.L. Navia</b> , E.R. Nowicki, E.H. Blackstone, N. Brozzi, F.A. Atik, J. Rajeswaran, A.M. Gillinov, L.G. Svensson, S. Al-Ruzzeh, B.W. Lytle<br>Cleveland Clinic, Cleveland, USA                                  | 303 |
| 14:15 | AORTIC VALVE REPLACEMENT IN HIGH-RISK PATIENT WITH SEVERE LEFT VENTRICULAR DYSFUNCTION<br><b>K. Kuwaki</b> , A. Amano, H. Inaba, K. Tambara, T. Yamamoto, K. Kikuchi, S. Dohi, T. Matsumura, H. Yamaoka, A. Shimada<br>Juntendo University, Tokyo, Japan  | 304 |
| 14:30 | BOVINE ARCH – A MARKER FOR THORACIC AORTIC ANEURYSM<br>M. Hornick, R. Moomiaie, H. Mojibian, M. Tranquilli, <b>J.A. Elefteriades</b><br>Yale University School of Medicine, New Haven, CT, USA  | 305 |
| 14:45 | APOPTOSIS INDUCED BY AN ESCHERICHIA COLI STRAIN IN AN EXPERIMENTAL ENDOCARDITIS MODEL<br><b>J.K. Olague Franco</b> , M. Dominguez-Hernandez, I. Hernandez Canaveral, A. Plascencia-Hernandez, O.M. Meilhac<br>University of Guadalajara, Guadalajara, Jalisco, Mexico   | 306 |
| 15:00 | REPEAT PERCUTANEOUS MITRAL VALVULOPLASTY (PMV) IN PATIENTS WITH RECURRENT MITRAL VALVE STENOSIS FOLLOWING TO PREVIOUS PMV (IMMEDIATE AND LONG-TERM OUTCOME)<br><b>M. Ghasemi</b> , M. Sanatkarfar, A. Kaboli, M.R. Movahed<br>Research Center Of Endovascular Intervention, Tehran, Iran  | 307 |
| 15:15 | DOPPLER AND CATHETER GRADIENT DISCREPANCIES IN AORTIC STENOSIS: POTENTIAL ROLE OF REYNOLDS NUMBER<br><b>J.C. Adams</b> , P. Jiamsripong, H.P. Chaliki, M. Belohlavek, E.M. McMahon, V. Marupakula, J. Heys, Mayo Clinic, Scottsdale, AZ, USA  | 308 |
| 15:30 | DESCRIPTION OF A NOVEL EX-VIVO IMAGING AND INVESTIGATION TECHNIQUE TO RECORD, ANALYZE AND VISUALIZE HEART VALVE MOTION UNDER PHYSIOLOGICAL CONDITIONS<br><b>M. Kondruweit</b> , S. Friedl, T. Wittenberg, R. Tandler, M. Weyand<br>University-Hospital Erlangen, <sup>2</sup> Fraunhofer-Institute for Integrated Circuits IIS, Erlangen, Germany | 309 |
| 15:45 | THE CAUSE OF ASCENDING AORTIC DILATATION IN PATIENTS WITH BICUSPID AORTIC VALVE<br><b>F. Robicsek</b> , R.F. Padera, M.J. Thubrikar, K.W. Lobdell, S.C. Stamou<br>Sanger Heart & Vascular Institute, Carolinas Medical Center, Charlotte, NC, USA   | 310 |
| 16:00 | PREVALENCE OF MITRAL REGURGITATION BY FUNCTIONAL CLASS IN THE US ADULT POPULATION<br><b>A.P. Badiye</b> , G. Robalino, J. Junttila, S. Atapattu, M. Nakamura, E. de Marchena, University of Miami, Miami, FL, USA   | 311 |

14:00 – 16:45

Hall D

S32

Session

**ARRHYTHMIA I: SUDDEN CARDIAC DEATH/ IMPLANTABLE ANTIARRHYTHMIC DEVICES/ PACING**

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

Abstract No.

- |       |  |     |
|-------|--|-----|
| 14:00 | VICTIMS OF SUDDEN CARDIAC DEATH WITH AMBIGUOUS AUTOPSIES: POTENTIAL FOR ERRONEOUS INTERPRETATION?<br><b>H. Raju</b> , M. Papadakis, M. Govindan, R. Bastiaenen, N. Chandra, N. Edwards, A. O'Sullivan, M.N. Sheppard, E. Behr, S. Sharma<br>St George's University of London, UK   | 312 |
| 14:15 | THE DIAGNOSTIC YIELD OF BRUGADA SYNDROME IN VICTIMS OF SUDDEN ARRHYTHMIC DEATH SYNDROME: AN UNDERESTIMATED ENTITY?<br><b>M. Papadakis</b> , N. Chandra, H. Raju, R. Bastiaenen, A. O'Sullivan, T. Fonseca, E. Sawyer, N. van Niekerk, S. Sharma<br>St George's University of London & University Hospital Lewisham, UK   | 313 |
| 14:30 | C-REACTIVE PROTEIN: A NEW MARKER OF ARRHYTHMIC EVENT IN BRUGADA SYNDROME?<br><b>A. Bonny</b> , F. Larrazet, I. Ditah, F. Hidden-Lucet, G. Fontaine, R. Frank<br>Hopital Saint Camille, Bry Sur Marne, France   | 314 |
| 14:45 | ECG SCREENING OF 32,000 YOUNG ADULTS FOR SUDDEN CARDIAC DEATH (SCD) UTILIZING TRAINED COMMUNITY VOLUNTEERS: REPORT OF OUR EXPERIENCE<br>J.C. Marek, <b>J. Davis</b> , V. Bufalino, K. Marek, Midwest Heart Foundation, Lombard, Illinois, USA  | 315 |
| 15:00 | IS MINIMALLY INVASIVE LEFT VENTRICULAR EPICARDIAL LEAD IMPLANTATION THE BEST TREATMENT OPTION FOR BIVENTRICULAR PACING IN PATIENTS WITH HEART FAILURE?<br><b>J.L. Navia</b> , N. Brozzi, F.A. Atik, E.R. Nowicki, S. Al-Ruzzeh, E. Sepulveda, E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA  | 316 |
| 15:15 | SAFETY AND EFFECTIVENESS OF PRIMARY PROPHYLAXIS CARDIOVERTER-DEFIBRILLATORS IN OCTOGENERIANS<br><b>W.J. Strimel</b> , S. Koplík, H.R. Chen, J. Song, S.K.S. Huang<br>Texas A&M University Health Science Center, Scott and White Hospital and Clinic: Section of Cardiac Electrophysiology and Pacing, TX, USA   | 317 |
| 15:30 | FALLING INCIDENCE OF VENTRICULAR FIBRILLATION INCIDENCE AMONG OUT-OF-HOSPITAL CARDIAC ARRESTS<br><b>J. Jensen</b> , C. Torp-Pedersen, S.L. Nielsen, G.H. Gislason, F.K. Lippert, F. Folke<br>Copenhagen University Hospital, Gentofte, Denmark   | 318 |
| 15:45 | OLDER AGE AND ANEMIA MAY PREVENT LEFT ATRIAL REVERSE REMODELING AFTER CARDIAC RESYNCHRONIZATION THERAPY<br>A.S. So, H.B. Mukhtar, T. McConnell, V. Cotarlan, C. Wenger, F. Maguire, <b>J. Shirani</b> , Geisinger Medical Center, Danville, PA, USA<br>M. Simon, J. Sperzel, Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany | 319 |

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<b>14:00 – 16:45</b>	<b>S32 (cont.)</b>	<b>Hall D</b>
		Abstract No.
16:00	ONE-YEAR CHRONIC PERFORMANCE OF A 1.1MM ELECTRODE SPACING ATRIAL LEAD IN ICD RECIPIENTS (ASTER STUDY) <b>K. Seidl</b> , K.H. Kuck, H.J. Trappe, P. Santerelli, K. Hahlweg, F.K. Pohle, M. Simon, J. Sperzel Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany	320
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, <b>H. Lai</b> New York Medical College, Valhalla, NY, USA	321
16:30	DIAGNOSIS OF UNEXPLAINED CARDIAC ARREST: ROLE OF LONG QT SYNDROME GENETIC SCREENING <b>L. Tercedor-Sanchez</b> , J. Jimenez-Jaimez, M. Alvarez-Lopez, R.S. Galdeano, R. Melgares-Moreno, Virgen de las Nieves Hospital, Granada, Spain	322
16:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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**16:45 – 18:45**

**Hall A**

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**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) <b>K.P. Patel</b> , University of Nebraska Medical Center, Omaha, NE, USA	323
17:00	SURGICAL TREATMENT OF HEART FAILURE: CURRENT STRATEGIES AND FUTURE DIRECTIONS (Invited Lecture) <b>L.P. Perrault</b> , S. Maltais, Montreal Heart Institute, Montreal, Canada	324
17:15	TRENDS IN HEART TRANSPLANTATION IN THE UNITED STATES – 1999 TO 2008 (Invited Lecture) <b>M.R. Johnson</b> , University of Wisconsin Medical School, Madison, WI, USA	325
17:30	PERMANENT MECHANICAL CIRCULATORY SUPPORT IN PATIENTS OF ADVANCED AGE (Invited Lecture) <b>R. Hetzer</b> , German Heart Institute, Berlin, Germany	326
17:45	CURRENT STATUS OF DESTINATION THERAPY IN THE MANAGEMENT OF END-STAGE HEART FAILURE (Invited Lecture) <b>D.M. Meyer</b> , University of Texas, Dallas, TX, USA	327
18:00	CARDIAC RESYNCHRONIZATION THERAPY: DO WE NEED A SCREENING? (Invited Lecture) <b>M.H. Pitzalis</b> , The Brody School of Medicine at ECU East Carolina Heart Institute, Greenville, NC, USA	328
18:15	IMPROVEMENT IN TWO YEAR SURVIVAL IN VENTRICULAR ASSIST DEVICE PATIENTS AFTER IMPLEMENTATION OF AN INTENSIVE SURVEILLANCE PROTOCOL (Invited Lecture) <b>S.V. Pamboukian</b> , R.N. Brown, W.L. Holman, J.A. Tallaj, R.C. Bourge, J.K. Kirklin University of Alabama at Birmingham, AL, USA	329
18:30	ULTRAFILTRATION THERAPY FOR HEART FAILURE: AN UPDATE FOR 2010 (Invited Lecture) <b>A. Kazory</b> , University of Florida, Gainesville, FL, USA	330

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**16:45 – 18:45**

**Hall B**

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

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

		Abstract No.
16:45	WHAT IS CORONARY BLOOD FLOW RESERVE? ROLE OF CAPILLARIES (Invited Lecture) <b>S. Kaul</b> , Oregon Health & Science University, Portland, OR, USA	331
17:00	CORONARY MICROEMBOLIZATION- BEDSIDE TO BENCH AND BACK TO BEDSIDE (Invited Lecture) <b>G. Heusch</b> , P. Kleinbongard, D. Boese, R. Schulz, R. Erbel University of Essen Medical School, Essen, Germany	332
17:15	REGULATION OF CORONARY MICROCIRCULATION BY ADENOSINE: FROM PHYSIOLOGY TO PATHOPHYSIOLOGY (Invited Lecture) <b>L. Kuo</b> , T.W. Hein, Texas A&M Health Science Center, Temple, TX, USA	333
17:30	VASOMOTOR SYMPTOMS AND CORONARY ARTERY CALCIUM (Invited Lecture) <b>M.A. Allison</b> , J.E. Manson, A. Aragaki, R.D. Langer, J. Rossouw, M.L. Stefanick, B.B. Cochrane, M.J. O'Sullivan, K.C. Johnson, M. Trevisan University of California, San Diego, La Jolla, CA, USA	334
17:45	MECHANISM OF ACS ONSET - INSIGHT FROM ANGIOSCOPY (Invited Lecture) <b>Y. Ueda</b> , K. Matsuo, K. Kashiwase, A. Hirata, M. Nishio, T. Nemoto, M. Wada, T. Kashiyama, K. Kodama Osaka Police Hospital, Osaka, Japan	335
18:00	PHOSPHORYLATION OF ARC IS A CRITICAL ELEMENT IN THE ANTI-APOPTOTIC EFFECT OF ANESTHETIC PRECONDITIONING X. Lu, P.G. Moore, H. Liu, <b>S. Schaefer</b> , University of California, Davis, CA, USA	336
18:15	FISH OIL INDUCED INCREASE IN MEMBRANE PEROXIDATION POTENTIAL PARADOXICALLY PROMOTES PRECONDITIONING <b>P.L. McLennan</b> , G.G. Abdukeyum, A.J. Owen, T.A. Larkin, University of Wollongong, Wollongong, NSW, Australia	337
18:30	REMOTE NOCICEPTOR-INDUCED CONDITIONING: PROTECTING THE HEART VIA THE SKIN X. Ren, T. Helmy, M. Leesar, J. Rubenstein, Y. Liu, L. Haar, T. Forde, M. Tranter, N.L. Weintraub, <b>W.K. Jones</b> , University of Cincinnati, Cincinnati, OH, USA	338

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**16:45 – 18:00**

**Hall C**

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**S33**

**Session**

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

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

Abstract No.

- |       |   |     |
|-------|---|-----|
| 16:45 | A ROLE FOR TOLL-LIKE RECEPTOR 3 VARIANTS IN HOST SUSCEPTIBILITY TO ENTEROVIRAL MYOCARDITIS AND DILATED CARDIOMYOPATHY<br>C. Gorbea, K.A. Makar, M. Pauschinger, H.P. Schultheiss, J.A. Towbin, J.G. Vallejo, <b>N.E. Bowles</b> , University of Utah, Salt Lake City, UT, USA | 339 |
| 17:00 | THE 4399MET ALLELE OF THE LPA GENE EXPLAINS THE ASSOCIATION BETWEEN THE CCTC HAPLOTYPE AND CORONARY HEART DISEASE<br><b>D. Shiffman</b> , J.Z. Louie, C.M. Rowland, M.J. Malloy, J.P. Kane, J.J. Devlin<br>Celera, Alameda, CA, USA   | 340 |
| 17:15 | MYOCARDIAL REGENERATION STUDY: IN VITRO COMPARISON OF HUMAN FETAL PLACENTA VERSUS BONE MARROW DERIVED MESECHYMAL STEM CELLS<br><b>D. Xu</b> , M.N. Duong, B.L. Yen, C. Renzo, R. Chiu<br>McGill University-Montreal General Hospital, Montreal, QC, Canada                    | 341 |
| 17:30 | GENETIC POLYMORPHISMS AND PLASMA LEVELS OF MATRIX METALLOPROTEINASES IN ACUTE MYOCARDIAL INFARCTION<br><b>S.M.H. Ghaderian</b> , R. A.kbarzadeh Najar, A.S. Tabatabaei Panah, H. Vakili<br>Shahid Beheshti University of Medical Sciences and Health Services, Iran           | 342 |
| 17:45 | REGENERATION OF INFRACTED MYOCARDIUM WITH NUTRITIONALLY MODIFIED CARDIAC STEM CELLS<br><b>D.K. Das</b> , Cardiovascular Research Center, University of Connecticut, CT, USA   | 343 |

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**16:45 – 19:30**

**Hall D**

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**S34**

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

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

Abstract No.

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|-------|--|-----|
| 16:45 | CLINICAL IMPACT OF IMAGE INTEGRATION SYSTEM FOR CATHETER ABLATION OF PERSISTENT/PERMANENT ATRIAL FIBRILLATION<br><b>P.F. Pollice</b> , F.A. Fabiani, S.E. Saad, P.P. Pollice, University of Berne, Switzerland   | 344 |
| 17:00 | PREDICTORS AND OUTCOME OF HOSPITALIZED PATIENTS WITH ATRIAL FIBRILLATION AND ELEVATED CARDIAC ENZYMES<br><b>K.L. Vinales</b> , H.P. Chaliki, M.Q. Najib, P. Surapaneni, V. Marupakula<br>Mayo Clinic, Scottsdale, AZ, USA                                      | 345 |
| 17:15 | ATRIAL FIBRILLATION: HOW FAR WE ARE FROM IDEAL MANAGEMENT?<br><b>A. Shah</b> , V. Manglam, V. Sharma, H. Singh, N.P. Waterfield, S.D. Rosen,<br>C.M. Bellamy, Glan Clwyd Hospital, Bodelwyddan, London, UK   | 346 |
| 17:30 | ABLATION OF PERSISTENTLY INDUCIBLE AV NODAL REENTRY TACHYCARDIA UTILIZING A LEFT ATRIAL APPROACH<br><b>R.C. Klein</b> , McKay-Dee Hospital Center, Ogden, Utah, USA  | 347 |
| 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<br>E.A. Charaf, <b>S. Verma</b> , University of South Alabama, Mobile, Alabama, USA | 348 |
| 18:00 | DO ALL ATRIAL FIBRILLATION PATIENTS REQUIRE IN-HOSPITAL LOADING OF DOFETILIDE AND SOTALOL?<br><b>K. Agusala</b> , A. Oesterle, T. Caprio, R. Passman, Northwestern Memorial Hospital,<br>Chicago, IL, USA  | 349 |

MONDAY, JULY 26, 2010

13:30 – 18:30

Poster Hall

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

Board No.		Abstract No.
1	<p>SRC TYROSINE KINASE FAMILY IS A NOVEL UPSTREAM MODULATOR OF STAT3 ACTIVATION IN UROCORTIN-MEDIATED SIGNAL TRANSDUCTION Z. Yuan, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, <b>C. Chen-Scarabelli</b>, L. Saravolatz, T.M. Scarabelli St John Hospital &amp; Medical Center, Wayne State University, USA</p>	350
2	<p>THE ANTI-OXIDATIVE EFFECT OF PROPOFOL ON ANGIOTENSIN-II INDUCED APOPTOSIS IN NEONATAL RAT CARDIOMYOCYTES <b>K.L. Wong</b>, C.W. Cheung, Y.M. Leung, D.Y. Lu, T.H. Cheng Department of Anesthesiology, and Institute of Clinical Medical Sciences, and Research Group of Cardiovascular Biology, China Medical University and Hospital, Taichung, Taiwan</p>	351
3	<p>GPRII-CONDITIONING IN MICE FETAL HEART AFFECTED BY MATERNAL MALNUTRITION <b>T. Ito</b>, K. Tanabe, K. Funamoto, C. Aoyagi, H. Chisaka, N. Yaegashi, K. Okamura, Y. Kimura, Tohoku University, Japan</p>	352
4	<p>HUMAN CARDIAC KV4.3 CHANNELS ARE REGULATED BY EGFR KINASE AND SRC-FAMILY KINASES <b>Y.H. Zhang</b>, C.P. Lau, G.R. Li, The University of Hong Kong, Hong Kong</p>	353
5	<p>CHRONOLOGICAL STUDY OF CELLULAR DEATH IN SITU IN GUINEA PIG HEART SUBJECTED TO DIGITALIS TOXICITY <b>M.C. Ramirez-Ortega</b>, P.S. Medrano-Velazquez, G. Zarco-Olvera, J. Chanona-Vilchis, J.F. Carrillo-Hernandez, G. Pastelin-Hernandez Instituto Nacional de Cardiologia "Ignacio Chavez", Mexico</p>	354
6	<p>ONE GENE, TWO DISEASES: SCN5A AND ITS ROLE IN LONG QT AND BRUGADA SYNDROMES <b>J.L. Neo</b>, P.L. Chong, S.H. Yap, L.S.H. Gan, Y.Y. Yong, M. Uttamchandani DSO National Laboratories, Singapore, Singapore</p>	355
7	<p>HYPOXIC STRESS IN CYSTATHIONINE GAMMA-LYASE-DEFICIENT SMOOTH MUSCLE CELLS S.A. Bryan, G. Yang, R. Wang, <b>N. Khaper</b> Lakehead University, Thunder Bay, ON, Canada</p>	482

**P402 VASCULAR BIOLOGY, BASIC RESEARCH II**

8	<p>FCGR-DEFICIENCY ON HEMATOPOIETIC CELLS LIMITS INFLAMMATORY RESPONSES AND PROTECTS AGAINST ATHEROGENESIS IN MICE <b>B. Mallavia</b>, O. Lopez-Franco, G. Ortiz-Munoz, V. Lopez-Parra, P. Fernandez-Vizarra, P. Hernandez-Vargas, J. Egido, Y. Suzuki, C. Gomez-Guerrero, IIS-Fundacion Jimenez Diaz, Autonoma University, Madrid, Spain</p>	356
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**MONDAY, JULY 26, 2010**

**13:30 – 18:00**

**Poster Hall**

**P404 ECHOCARDIOGRAPHY**

Board No.		Abstract No.
9	SPECKLE TRACKING ECHOCARDIOGRAPHY DETECTS PRECLINICAL CARDIAC INVOLVEMENT IN YOUNG RENAL TRANSPLANT RECIPIENTS <b>S. Sitia</b> , L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel, Cardiology Unit, Department of Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy	357
10	A NOVEL TWO-DIMENSIONAL ECHOCARDIOGRAPHIC FINDING IN CARDIAC AMYLOIDOSIS R.N. Belkin, A.C. Kupersmith, <b>O.K. Khalique</b> , W.S. Aronow, K. Chilappa, C. Palaniswamy, W.D. Rosenblum, A. Gass, T. Ahmed, U.S. Katta New York Medical College and Westchester Medical Center, Valhalla, NY, USA	358
11	IS DISCRETE HYPERTROPHY OF THE UPPER SEPTUM A VARIANT OF HYPERTROPHIC CARDIOMYOPATHY? D.M. Spevack, <b>G.P. Srinivas</b> , Montefiore Medical Center, Bronx, NY, USA	359
12	ECHOCARDIOGRAPHIC FINDINGS IN THE EARLY DIAGNOSIS OF DIABETIC CARDIOMYOPATHY <b>S. Enar</b> , L. Sarac, Turkiye Hospital, Istanbul, Turkey	360
13	ECHOCARDIOGRAPHY FOR PROCEDURAL GUIDANCE: A UNIVERSITY EXPERIENCE <b>T.W. Smith</b> , W.J. Bommer, UC Davis, Sacramento, CA, USA	361
14	NOVEL ECHOCARDIOGRAPHIC VIEW OF THE ASCENDING THORACIC AORTA <b>K.A. Curtis</b> , R. Silverman, S. Loucks, W.D. Grant, Heart Care Center, East Syracuse, NY, USA	362
15	CHANGES OF CORONARY SINUS DIAMETER IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT M.J. Alemzadeh Ansari, F. Ahmadi, <b>M. Nourizadeh</b> , M. Leilizadeh Jundishapour University of Medical Sciences, Ahvaz, Iran	363

**P405 SYSTEMIC HYPERTENSION: BASIC AND CLINICAL**

16	INFLUENCE OF WHITE COAT HYPERTENSION ON THE DEVELOPMENT SUSTAINED HYPERTENSION IN CHILDREN AND ADOLESCENTS <b>C. Esis</b> , M. Bracho, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez Instituto de Enfermedades Cardiovasculares, Universidad del Zulia, Maracaibo, Venezuela	364
17	IN CHILDREN AND ADOLESCENTS WITH WHITE COAT HYPERTENSION: IS LEFT VENTRICULAR MASS INDEX ASSOCIATED WITH NEW-ONSET HYPERTENSION? <b>M. Bracho</b> , C. Esis, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez, G. Calmon, Instituto de Enfermedades Cardiovasculares, Universidad del Zulia, Maracaibo, Venezuela	365
18	CARDIAC AUTONOMIC DYSFUNCTION IN TREATED HYPERTENSIVES <b>N.K. Agarwal</b> , S.K. Agarwal, Agarwal Health Center, East Orange, NJ, USA	366

**MONDAY, JULY 26, 2010**

**13:30 – 18:00**

**Poster Hall**

Board No.		Abstract No.
	<b>Poster Session</b>	
19	REVERSAL OF STAGE-I HYPERTENSION BY BEHAVIOURAL INTERVENTION: 18 MONTH STUDY IN URBAN BANGLADESH A.K.M. Alamgir, S.M.K. Ali, <b>K.M.H.S. Haque</b> Dhaka National Medical College, Bangladesh	367
20	RELATION OF THE BRACHIAL-ANKLE PULSE WAVE VELOCITY TO LEFT VENTRICULAR DIASTOLIC FUNCTION <b>K.J. Lee</b> , W.S. Lee, S.W. Kim, T.H. Kim, C.J. Kim, W.S. Ryu College of medicine, Chung-Ang University, Seoul, Korea	368
21	DIAGNOSIS, TREATMENT, AND REFERRAL OF HYPERTENSION IN AN EMERGENCY DEPARTMENT BEFORE AND AFTER AN EDUCATIONAL PROGRAM <b>T. Shah</b> , W.S. Aronow, S.J. Peterson, D. Goldwag, New York Medical College, Valhalla, NY, USA	369
22	EXERCISE TRAINING TEST IN ANTIHYPERTENSION THERAPY T.E. Tulintseva, <b>E.V. Parmon</b> , E.R. Berngardt, T.V. Treshkur, E.V. Shlyakhto The Federal Heart, Blood and Endocrinology centre named after V.A. Almazov, St. Petersburg, Russia	370
23	OBESE HYPERTENSIVES REBOUND SBP LEVELS FASTER UPON ANTIHYPERTENSIVE DISCONTINUATION IN LATIN AMERICA <b>M. De Britto Pereira</b> , MSD Latin America Office, Mexico	371
<b>P406</b>	<b>LIPID, LIPOPROTEIN DISORDERS AND CAD/ TREATMENT OF DYSLIPOPROTEINEMIA I</b>	
24	IMPROVING THE ASSAY FOR DETERMINATION OF DYSFUNCTIONAL HIGH DENSITY LIPOPROTEINS (HDL): DETERMINATION OF HDL FUNCTION USING A CELL FREE ASSAY <b>M. Navab</b> , J.Y. Yu, S. Hama, G. Hough, David Geffen School of Medicine, University of California, Los Angeles, USA	372
<b>P407</b>	<b>PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME</b>	
25	PREVALENCE OF AUTOANTIBODIES TO BNP IN NORMAL DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS <b>M. Adamczyk</b> , R.J. Brashear, P.G. Mattingly Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA	373
26	HEAT ENERGY IN THE TREATMENT OF HEART FAILURE <b>T. Mussivand</b> University of Ottawa Heart Institute, Ottawa, Ontario, Canada	374

**MONDAY, JULY 26, 2010**

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**13:30 – 18:30**

**Poster Hall**

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

Board No.		Abstract No.
27	PREVALENCE OF EARLY RHEUMATIC HEART DISEASE IN RURAL GUYANESE AMERINDIAN CHILDREN AS DETECTED BY ECHOCARDIOGRAPHIC SCREENING <b>S.N.L. Roth</b> , 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	375
28	PATHOPHYSIOLOGY OF CORONARY BLOOD FLOW IN CONGENITAL HEART DISEASE - TRANSTHORACIC DOPPLER ECHOCARDIOGRAPHY STUDY <b>E.H. Aburawi</b> , E. Pesonen United Arab Emirates University, Faculty of Medicine and Health Science, Al-Ain, UAE	376
29	INTRA CRANIAL BYPASS OF AN AORTIC ARCH INTERRUPTION WITHOUT COMPENSATORY CARDIAC ANOMALY <b>B. Leobon</b> , D. Roux, S. Bonnet, V. Chabbert, Y. Aggoun, G. Brierre, Y. Dulac, P. Acar, Hopital des Enfants, France	377
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, <b>S.B. Zaets</b> , Bakoulev Center for Cardiovascular Surgery, Moscow, Russia	378
31	HEART VALVE REPLACEMENT AFTER SURGICAL INTERVENTIONS ON VALVES V.P. Podzolkov, A.M. Nosachev, I.I. Kagramanov, I.A. Yurlov, I.S. Solyanik, T.Y. Danilov, T.O. Astrakhantseva, <b>S.B. Zaets</b> Bakoulev Center for Cardiovascular Surgery, Moscow, Russia	379

**INTERNATIONAL ACADEMY OF CARDIOLOGY  
15<sup>th</sup> WORLD CONGRESS ON HEART DISEASE  
ANNUAL SCIENTIFIC SESSIONS 2010**

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

**SCIENTIFIC PROGRAM  
Tuesday, July 27, 2010**

**TUESDAY, JULY 27, 2010**

**08:30 – 11:00**

**Hall A**

<b>PL: 15      Plenary Session</b>		
<b>WHAT IS NEW IN CARDIOMYOPATHIES?</b>		
Chairpersons: <b>U. Elkayam</b> , Los Angeles, CA, USA <b>M.A. Rossi</b> , Ribeirao Preto, Brazil		Abstract No.
08:30	LEADS FROM MEDICINAL PLANTS TO TREAT DIABETIC CARDIOMYOPATHY (Invited Lecture) <b>R.K. Goyal</b> , The Maharaja Sayajirao University of Baroda, Gujarat, India	380
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, <b>M.A. Rossi</b> , University of Sao Paulo, Ribeirao Preto, Brazil	381
09:00	RELATIONSHIP BETWEEN LEFT VENTRICULAR EJECTION FRACTION AND RECOVERY OF VENTRICULAR FUNCTION IN WOMEN WITH PERIPARTUM CARDIOMYOPATHY (Invited Lecture) <b>U. Elkayam</b> , University of Southern California, Los Angeles, CA, USA	382
09:15	PATHOGENESIS OF PARVO B19 (B19V) INDUCED INFLAMMATORY CARDIOMYOPATHY (DCMI) <b>H-P. Schultheiss</b> , Charite – University Medicine Berlin, Campus Benjamin Franklin, Medical Clinic II, Cardiology, Berlin, Germany	383
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) <b>T. Toyo-oka</b> , M. Kobayashi, K. Takazawa, T. Tanaka, S. Kostin, T. Izumi, J. Schaper, Y. Nakamura, University of Tokyo, Japan	384
09:45	A PREFERRED TIME FOR ONSET OF TAKO-TSUBO CARDIOMYOPATHY? (Invited Lecture) <b>R. Manfredini</b> , Hospital of Delta, Lagosanto, and University of Ferrara, Italy	385
10:00	MYOCARDIAL ISCHEMIA IN HYPERTROPHIC CARDIOMYOPATHY (Invited Lecture) <b>J. Shirani</b> , Geisinger Medical, Danville, PA, USA	386
10:15	ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA: MORE COMMON THAN PREVIOUSLY THOUGHT (Invited Lecture) <b>S.N. Koulouris</b> , Evangelismos Hospital, Athens, Greece	387
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 <b>R. Ramaraj</b> , M.R. Movahed, University of Arizona, Tucson, AZ, USA	388
10:45	ADIPONECTIN EXPRESSION IN PATIENTS WITH INFLAMMATORY CARDIOMYOPATHY INDICATES FAVOURABLE OUTCOME AND INFLAMMATION CONTROL <b>C. Skurk</b> , P. Bobbert, A. Jenke, J. Stehr, S. Wilke, U. Eriksson, H.P. Schultheiss, C. Scheibenbogen, Charite, Berlin, Germany	389
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

**TUESDAY, JULY 27, 2010**

**08:30 – 10:30**

**Hall B**

**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) <b>U. Keil</b> , University of Muenster, Muenster, Germany	390
08:45	AN UPDATE ON CARDIOVASCULAR DISEASE RISK PREDICTION FROM THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (Invited Lecture) <b>M.H. Criqui</b> , University of California, San Diego, La Jolla, CA, USA	391
09:00	WINE, BEER, AND CARDIOVASCULAR CONDITIONS: SCIENTIFIC TRUTHS IN A NEW DECADE (Invited Lecture) <b>A. Klatsky</b> , Kaiser Permanente Medical Center, Oakland, CA, USA	392
09:15	CARDIOVASCULAR DISEASE IN THE ASIANS - PHARMACOGENETIC DIFFERENCES (Invited Lecture) <b>G.L. Fung</b> , UCSF Medical Center at Mt. Zion, San Francisco, CA, USA	393
09:30	GENDER DIFFERENCES IN EXERCISE TESTING IN A CARDIOLOGY PRACTICE (Invited Lecture) <b>Y. Charuzi</b> , J. Mirocha, T.W. Lang, R. Williams, UCLA School of Medicine, Los Angeles, CA, USA	394
09:45	IS THERE EVIDENCE FOR THERAPEUTIC GOALS BEYOND LDL-C? (Invited Lecture) <b>J.G. Robinson</b> , University of Iowa, Iowa City, IA, USA	395
10:00	CARBAMYLATED LDL - MISSING LINK BETWEEN UREMIA AND ATHEROSCLEROSIS (Invited Lecture) <b>A.G. Basnakian</b> , S.V. Shah, E.O. Apostolov, University of Arkansas for Medical Sciences, Little Rock, AR, USA	396
10:15	EFFICACY AND SAFETY OF LONG-TERM ROSUVASTATIN TREATMENT IN HIGH CARDIOVASCULAR RISK PATIENTS (Invited Lecture) <b>S. Chumburidze</b> , National Center of Therapy, Tbilisi, Georgia	397
10:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

**TUESDAY, JULY 27, 2010**

**08:30 – 11:00**

**Hall C**

**S35**

**Session  
INTERVENTIONAL CARDIOLOGY**

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

Abstract No.

- |       |  |     |
|-------|--|-----|
| 08:30 | IN-SITU ENDOTHELIALISATION POTENTIAL OF A NOVEL NANOCOMPOSITE POLYMER COATING FOR CORONARY STENTS<br><b>R. Bakhshi</b> , H. Ghanbari, M. Marashi, A. Darbyshire, G. Hamilton, A.M. Seifalian, Division of Surgery and Interventional Science, University College London, UK  | 398 |
| 08:45 | IN-HOSPITAL OUTCOMES OF CONTEMPORARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH CHRONIC TOTAL OCCLUSION<br><b>H. Tanaka</b> , Y. Morino, T. Kimura, Y. Hayashi, T. Muramatsu, M. Ochiai, Y. Noguchi, K. Kato, Y. Shibata, Y. Hiasa, O. Doi, T. Yamashita, T. Morimoto, M. Abe, T. Hinohara, K. Mitsudo, For the J-CTO Registry Investigators, Kurashiki Central Hospital (HT, MK), Kurashiki, Japan | 399 |
| 09:00 | 36-MONTH CLINICAL OUTCOME OF PROSPECTIVE MULTI-CENTER REGISTRY OF EXCEL BIODEGRADABLE POLYMER DRUG ELUTING STENTS (CREATE)<br><b>Y-L. Han</b> , 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<br>Shenyang Northern Hospital, Shenyang, China  | 400 |
| 09:15 | DOES GENDER INFLUENCE RESTENOSIS AFTER CAROTID ARTERY STENTING?<br><b>D. Mannheim</b> , T. Salamon, R. Karmeli, Carmel Medical Center, Haifa, Israel   | 401 |
| 09:30 | OUTCOMES OF ROBOT-ASSISTED VASCULAR SURGERY, 150 CASES<br><b>P. Stadler</b> , L. Dvoracek, P. Vitasek, P. Matous<br>Na Homolce Hospital, Prague, Czech Republic  | 402 |
| 09:45 | OUTCOME OF DRUG-ELUTING STENT IN HIV-INFECTED PATIENTS<br>N. Jallad, A. QaQa, J. Daoko, E. Alberaqdar, A. Hamdan, <b>A. Al-Dehneh</b> , M. Bikkina, F. Shamoon<br>St Michaels Medical Center/Seton Hall University, Newark, NJ, USA  | 403 |
| 10:00 | COMPARISON OF RADIATION DOSE IN FEMORAL AND RADIAL ARTERIAL ACCESS CORONARY PROCEDURES; THE EFFECT OF OPERATOR EXPERIENCE<br>J. Neill, H. Douglas, G. Richardson, E. Chew, <b>S. Walsh</b> , C. Hanratty, N. Herity<br>Belfast City Hospital Cardiology Centre, Belfast, Northern Ireland, UK  | 404 |
| 10:15 | RADIATION DOSE DURING CORONARY ANGIOGRAPHY: CORRELATION TO BMI<br><b>A. Shah</b> , P.K. Das, E. Subkovas, M. Payne, A. Azzu, Rees M, C.M. Bellamy<br>Glan Clwyd Hospital, Bodelwyddan, UK  | 405 |

**TUESDAY, JULY 27, 2010**

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**08:30 – 11:00**

**S35 (cont.)**

**Hall C**

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Abstract No.

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|-------|---|-----|
| 10:30 | PRE-PCI ATORVASTATIN: A RANDOMIZED STUDY<br><b>J. Veselka</b> , D. Zemanek, L. Martinkovicova, M. Maly, P. Hajek, R. Adlova,<br>D. Tesar<br>CardioVascular Center, University Hospital Motol, Prague, Czech Republic  | 406 |
| 10:45 | ALTERNATE DAY CLOPIDOGREL THERAPY IS EFFICACIOUS TO<br>PREVENT LATE STENT THROMBOSIS WITH DRUG ELUTING STENTS<br><b>S. Sharma</b> , K. Bhalla, B. Bhambi, W. Nyitray, K. Desai, R. Sharma, A. Antonescu,<br>T. Ishimori, Central Cardiology/Bakersfield Heart Hospital, CA, USA | 407 |
| 11:00 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION  |     |

**TUESDAY, JULY 27, 2010**

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**11:00 – 13:00**

**Hall A**

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

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

		Abstract No.
11:00	TREATMENT OF STABLE ANGINA: UPDATE 2010 (Invited Lecture) <b>U. Thadani</b> , University of Oklahoma, Oklahoma City, OK, USA	408
11:15	CHEST PAIN EVALUATION IN THE EMERGENCY DEPARTMENT (Invited Lecture) <b>J.H. Chesebro</b> , Umass Memorial Medical School and Medical Center, Worcester, MA, USA	409
11:30	PCI IN THE MANAGEMENT OF PATIENTS WITH IMPAIRED LEFT VENTRICULAR FUNCTION (Invited Lecture) <b>G.W. Vetrovec</b> Virginia Commonwealth University, Richmond, VA, USA	410
11:45	CURRENT STATUS OF ELECTIVE LEFT MAIN STENTING (Invited Lecture) <b>B.F. Uretsky</b> , University of Arkansas for Medical Sciences, Little Rock, AR, USA	411
12:00	SERUM SRAGE, A PREDICTOR OF RESTENOSIS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (Invited Lecture) <b>K. Prasad</b> , E.D. McNair, C.R. Wells, A.M. Qureshi, R. Basran, C. Pearce, J. Orvold, J. Devilliers, J.F. Lopez University of Saskatchewan, Saskatoon, Canada	412
12:15	CARDIO CEREBRAL RESUSCITATION FOR WITNESS CARDIAC ARREST VICTIMS (Invited Lecture) <b>M.R. Movahed</b> , University of Arizona Sarver Heart Center, Tucson, AR, USA	414
12:30	ACUTE MYOCARDIAL INFARCTION IN CHILE BEFORE AND AFTER THE CHILEAN HEALTH REFORM (Invited Lecture) <b>R.A. Diaz</b> , University of Valparaiso, Chile	415
12:45	THE SUCCESS OF REGIONALIZED STEMI RECEIVING CENTER NETWORKS (Invited Lecture) <b>I.C. Rokos</b> , Geffen School of Medicine at UCLA, Los Angeles, CA, USA	416
13:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

**TUESDAY, JULY 27, 2010**

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**11:00 – 13:30**

**Hall B**

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**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 (Invited Lecture) <b>K.D. O'Brien</b> , University of Washington, Seattle, WA, USA	417
11:15	DESIGNING CLINICAL TRIALS IN VALVULAR HEART DISEASE: FROM BENCH TO BEDSIDE (Invited Lecture) <b>N.M. Rajamannan</b> , Northwestern University Feinberg School of Medicine, Chicago, IL, USA	418
11:30	ADVANCES IN HEART VALVE SURGERY: TRANSCATHETER TRANSCARDIAC APPROACHES (Invited Lecture) <b>J. Ye</b> , Columbia St. Paul's Hospital, Vancouver, BC, Canada	419
11:45	VALVULAR HEART DISEASE; ECHOCARDIOGRAPHY VS CARDIAC MRI (Invited Lecture) <b>R.W.W. Biederman</b> , Allegheny General Hospital, Pittsburgh, PA, USA	420
12:00	EPIDEMIOLOGY OF VALVULAR HEART DISEASES. THE PROBLEM IS GROWING (Invited Lecture) <b>P. Supino</b> , J.S. Borer, A.K. Goon, State University of New York (SUNY), NY, USA	421
12:15	INCIDENCE OF EMBOLIC CEREBRAL INSULTS AFTER PERCUTANEOUS TRANSAPICAL AORTIC VALVE REPLACEMENT <b>D.S. Ropers</b> , S. Ensminger, R. Feyrer, J. Ludwig, A. Doerfler, M. Arnold University of Erlangen, Germany	422
12:30	4D FLOW MRI EVALUATION OF BICUSPID AORTIC VALVE PATIENTS: ASYMMETRICALLY ELEVATED WALL SHEAR STRESS <b>M.D. Hope</b> , T.A. Hope, A.K. Meadows, K.G. Ordovas, T.H. Urbania, M.T. Alley, C.B. Higgins, UCSF, San Francisco, CA, USA	423
12:45	RISK FACTORS DETERMINING OUTCOME AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION: ANALYSIS OF 300 PATIENTS <b>R. Bauernschmitt</b> , S. Bleiziffer, H. Ruge, D. Mazzitelli, A. Hutter, A. Opitz, G. Brockmann, I. Hettich, R. Lange, German Heart Center, Munich, Germany	424
13:00	TRANSAPICAL TRANSCATHETER AORTIC VALVE IMPLANTATION – INFLUENCE OF A LEARNING CURVE ON CLINICAL OUTCOMES M. Thielmann, <b>D. Wendt</b> , P. Kahlert, P. Tossios, H. Eggebrecht, R. Erbel, H. Jakob, West German Heart Center, Essen, NRW, Germany	425
13:15	TRANSCATHETER DEVICE CLOSURE OF PERIVALVULAR REGURGITATION <b>B.A. Love</b> , A. Mitnacht, G.W. Fischer, J. Kalman, D.H. Adams Mount Sinai Medical Center, New York, NY, USA	426
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

**TUESDAY, JULY 27, 2010**

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**11:00 – 12:30**

**Hall C**

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**S36**

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

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

Abstract No.

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|-------|--|-----|
| 11:00 | NUCLEAR AND MITOCHONDRIAL TRANSLOCATION OF PHOSPHORYLATED PKC $\alpha$ ASSOCIATES WITH TUNEL-POSITIVE AND UROCORTINNEGATIVE STAINING IN THE HUMAN HEART FROM DIABETIC PATIENTS UNDERGOING ON-PUMP CARDIAC SURGERY<br>C. Chen-Scarabelli, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, L. Saravolatz, <b>T.M. Scarabelli</b> , VA Medical Center, Ann Arbor, University of Michigan, MI, USA | 427 |
| 11:15 | INDEPENDENT CONTRIBUTION OF THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE TO THE CARDIOMETABOLIC RISK IN WOMEN<br><b>J. Methot</b> , D. Brisson, D. Gaudet<br>Department of Medicine, Université de Montréal, Montréal, Canada  | 428 |
| 11:30 | RELATIONSHIP BETWEEN FASTING PLASMA GLUCOSE AND HEMOGLOBIN A1C AND PREDICTING DIABETES: THE STRONG HEART STUDY<br><b>J.W. Wang</b> , E.T. Lee<br>Center for American Indian Health Research, College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA   | 429 |
| 11:45 | LOW DENSITY LIPOPROTEIN FROM LDL RECEPTOR NULL MICE IS SUCEPTIBLE TO OXIDATIVE MODIFICATION<br><b>K. Navab</b> , S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA  | 430 |
| 12:00 | THE ASSOCIATION OF ADIPONECTIN WITH THE METABOLIC SYNDROME IN WOMEN IS INDEPENDENT OF THE MENOPAUSAL STATUS<br><b>Y. Loucif</b> , J. Méthot, D. Brisson, D. Gaudet<br>Université de Montreal, ECOGENE-21 Clinical research Center, Chicoutimi Hospital, Chicoutimi, Quebec, Canada   | 431 |
| 12:15 | CAN EVIDENCE BASED THERAPY REDUCE DISPARITY OF OUTCOMES BETWEEN DIABETIC MEN AND WOMEN?<br>A.S. Volgman, <b>A. Khandelwal</b> , L. Fogg, G.L. Schaer, L. Li, S. Sahota, T. Bornstein, E. Frankel, P. Patel, J.E. Calvin<br>Rush University Medical Center, Chicago, IL, USA  | 432 |
| 12:30 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION  |     |

**TUESDAY, JULY 27, 2010**

**08:00 – 13:00**

**Poster Hall**

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

Board No.		Abstract No.
1	EVALUATION OF CORONARY ARTERY DISEASE COMPLICATED BY THORACIC AORTIC DISEASE BY WIDE-VOLUME SCAN USING 320-ROW CT <b>K. Morishige</b> , T. Yamawaki, H. Tashiro, St. Mary's Hospital, Kurume, Japan	433
2	RELATION OF LEFT ATRIAL BODY AND LEFT ATRIAL APPENDAGE VOLUMES WITH CLINICAL PATTERN OF AF <b>S. Verma</b> , E. Charaf, N. Garg, Cardiology Consultants, Pensacola, FL, USA	434
3	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 Z. Husain, <b>G. Palani</b> , A. Karthikeyan, V. Karthikeyan, K. Ananthasubramaniam St Joseph Mercy Oakland, Pontiac, MI, USA	435
4	CT ANGIOGRAPHY AND AORTIC ARCH ATHEROSCLEROSIS D.J. Capampangan, A. Patel, S.J. Lester, L.A. Pearce, B.M. Demaerschalk, D.W. Dodick, T.E. Kiernan, T.J. Ingall, <b>M.I. Aguilar</b> , Mayo Clinic, Phoenix, AZ, USA	436
5	DOES PERIPROCEDURAL MYONECROSIS AFTER MAIN VESSEL STENTING OF CORONARY BIFURCATIONS OCCUR? ASSESSMENT BY MEANS OF MRI DELAYED ENHANCEMENT A. Michalek, D.I. Vassilev, <b>R.J. Gil</b> , T. Pawlowski, T. Kulawik Central Hospital of the Internal Affairs and Administration Ministry, Poland	437

**P502      Poster Session  
ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY**

6	EFFECT OF EARLIER DOOR TO BALLOON TIMES ON USE OF ADJUNCTIVE MEDICATIONS, AND RESULTANT PROCEDURAL SUCCESS IN STEMI <b>J.R. Cook</b> , L.W. Klein, J. Chow, R. Marok, P.J. Stecy, K. Magurany Illinois Masonic Medical Center, Chicago, IL, USA	438
7	MECHANISM OF ELECTRICAL STIMULATION-INDUCED PRE- AND POST-CONDITIONING <b>X. Ren</b> , Y. Liu, M. Tranter, M. Wilhide, T. Forde, L. Haar, K. Jones University of Cincinnati, OH, USA	439
8	THROMBUS ASPIRATION IN AMI PATIENTS AFTER SYSTEMIC TLT COMBINED WITH EMERGENCY PCI D.G. Iosseliani, <b>A.G. Koledinsky</b> , D.G. Gromov, N.V. Kuchkina, R.V. Zeynalov Moscow City Center of Interventional Cardioangiology, Moscow, Russia	440
9	NEIGHBORHOOD VARIATION IN RATE OF REVASCULARIZATION AMONG ACUTE MYOCARDIAL INFARCTION PATIENTS IN NEW YORK CITY <b>A. Negassa</b> , Albert Einstein College of Medicine, Bronx, NY, USA	441

**TUESDAY, JULY 27, 2010**

**08:00 – 13:00**

**Poster Hall**

**P503      Poster Session  
INTERVENTIONAL CARDIOLOGY II**

Board No.		Abstract No.
10	<p>PREDICTORS OF CORONARY INTERVENTION-RELATED MYOCARDIAL INFARCTION IN STABLE ANGINA PATIENTS PRETREATED WITH STATINS <b>J. Veselka</b>, P. Hajek, M. Maly, D. Zemanek, R. Adlova, D. Tesar, L. Martinkovicova, P. Tomasov, CardioVascular Center, University Hospital Motol, Prague, Czech Republic</p>	442
11	<p>OUTCOMES OF PCI IN NONAGENARIANS C.N. Ionescu, M. Amuchastegui, S.C. Ionescu, C.B. Marcu, A. Ghantous, <b>S. Reddy</b> Hospital of Saint Raphael, New Haven, CT, USA</p>	443
12	<p>CLINICAL AND ELECTROCARDIOGRAPHIC CORRELATES OF NORMAL CORONARY ANGIOGRAPHY IN PATIENTS REFERED FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION <b>S.B. Prasad</b>, D.A. Richards, N. Sadick, A.T. Ong, A. Narayan, P. Kovoor Westmead Hospital, Sydney, Australia</p>	444
13	<p>IMPACT OF RISK FACTORS ON VASCULAR COMPLICATIONS AFTER PRECUTANEOUS CORONARY INTERVENTIONS IN SHAHEED RAJAEI HEART CENTER A.A. Yusefi, <b>H. Farshidi</b>, M. Madani, F. Shakeryan, H.R. Sanati, A. Firoozi, N. Salehi, Hormozgan University, Bandar Abbass, Hormozgan, Iran</p>	445
14	<p>THE FACTORS ASSOCIATED WITH STENOSIS DEGREE IN CORONARY BIFURCATIONS INFLUENCE RESTENOSIS RATES AFTER SINGLE STENT IMPLANTATION IN CORONARY BIFURCATION LESIONS D.I. Vassilev, <b>R.J. Gil</b>, A. Michalek, T. Kulawik, T. Pawlowski Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland</p>	446
15	<p>LONG-TERM FOLLOW UP OF PATIENTS TREATED WITH PACLITAXEL-ELUTING STENTS WITH BIOSTABLE POLYMER VERSUS BIORESORBABLE POLYMER <b>L.A. Inigo-Garcia</b>, C. Medina-Palomo, T. Gil-Jimenez, O. Sanz-Vazquez, M. Pombo-Jimenez, J.F. Munoz-Bellido, P. Chinchurreta-Capote, B. Zaya-Ganforina, J.R. Siles-Rubio, F. Ruiz-Mateas, Hospital Costa del Sol. Marbella, MA, Spain</p>	447

**P504 Poster Session  
DIABETES MELLITUS, THE METABOLIC SYNDROME AND  
ATHEROSCLEROSIS: BASIC AND CLINICAL II**

Board No.		Abstract No.
16	THE EFFECT OF INSULIN ON INTRACELLULAR NA <sup>+</sup> HOMEOSTASIS IN ISOLATED CARDIOMYOCYTES FROM DIABETIC RATS A. Bilginoglu, H.B. Kandilci, <b>B. Turan</b> , Ankara University, Ankara, Turkey	448
17	ASSOCIATION OF ADIPONECTIN AND THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE WITH IMPAIRED GLUCOSE TOLERANCE IN WOMEN <b>J. Methot</b> , Y. Loucif, D. Brisson, D. Gaudet, Université de Montréal, Montréal, Canada	449
18	RELATIONSHIP BETWEEN SLEEP QUALITY AND METABOLIC SYNDROME AND INFLAMMATORY MARKERS IN MIDDLE-AGED MEN IN KOREA <b>J.H. Cho</b> , S.G. Kang, E.J. Lee, S.W. Song St.Vincent's Hospital, The Catholic University of Korea, Suwon, Gyeonggido, South Korea	450
19	ERYTHROCYTE FRAGILITY IS INCREASED IN THE LDL RECEPTOR DEFICIENT MOUSE MODEL <b>K Navab</b> , S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA	451
20	EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME <b>S.H. Kim</b> , H.L. Lee, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim Seoul Metropolitan Boramae Hospital, Seoul National University, Seoul National University Hospital, Seoul, Korea	452
21	CARDIOVASCULAR HEALTH PROFILE OF PATIENTS ENROLLED IN A CLINIC BASED DIABETES PREVENTION PROGRAM <b>F.D. Fortuin</b> , C. Kendall, J. Wisbey, R.T. Hurst, S.J. Lester, S.B. Chism, R. Burke, M. Orban, D.E. Steidely, S. Bersoux, C. Cook, Mayo Clinic Arizona, Phoenix, AZ, USA	453
22	GENDER AND INFLAMMATION IN INDIVIDUALS WITH THE METABOLIC SYNDROME <b>I. Shapira</b> , S. Berliner, O. Rogowski Tel Aviv Sourasky Medical Center, Tel Aviv, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel	484

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

23	EXPERIMENTS ON THE MECHANISM OF FORMATION OF THE FATTY ACID HYDROPEROXIDES (HPODE AND HPETE) <b>D. Golchian</b> , G. Hough, L. Vakili, S. Safarpour, S. Hama David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA	454
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**TUESDAY, JULY 27, 2010**

**08:00 – 13:00**

**Poster Hall**

Board No.		Abstract No.
24	EFFICACY ON LIPOPROTEIN PROFILE AND TOLERABILITY OF SUSTAINED RELEASE FORMULATION OF SIMVASTATIN; IS THERE ANY DIFFERENCE BETWEEN MORNING INTAKE OR NIGHTTIME GROUP? <b>S.H. Kim</b> , 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	455
25	ANTI-INFLAMMATORY PEPTIDE COMBINATION ADDITIVELY RENDERS CARDIOMYOPATHY PATIENT PLASMA ANTI-INFLAMMATORY <b>O. Elboudwarej</b> , J.B. Kim, S. Hama, G. Hough, G. Fonarow David Geffen School of Medicine, Los Angeles, CA, USA	456
26	ACUTE REDUCTION OF LIPOPROTEIN A FOLLOWING LDL- APHERESIS MAY IMPROVE SYMPTOMS OF ANGINA D.G. Bulchandani, <b>P. Moriarty</b> , University of Kansas School of Medicine, Kansas City, KS, USA	457
<b>P506</b>	<b>Poster Session</b> <b>DILATED CARDIOMYOPATHIES: VARIOUS ETIOLOGIES</b>	
27	THE DETERMINANTS OF RIGHT VENTRICULAR FAILURE IN PATIENTS ADMITTED WITH ACUTE RIGHT HEART FAILURE R.B. Berkowitz, E. Alhaj, K. Satya, R.B. Manchikalapudi, <b>S. Dadfarmay</b> Hackensack University Medical Center, Hackensack, NJ, USA	458
28	CEREBRAL HEMORRHAGE; PRECIPITATING EVENT FOR A TAKO-TSUBO-LIKE CARDIOMYOPATHY <b>A.R. Rahimi</b> , M. Katayama, J. Mills, Mercer U. School of Medicine, Savannah, Georgia, USA	459
<b>P507</b>	<b>Poster Session</b> <b>DRUG THERAPY IN HEART FAILURE: BASIC AND CLINICAL</b>	
29	SSTR5 AND $\beta_1$ -AR BLOCKS SST MEDIATED INHIBITION OF cAMP AND SIGNALING IN RECEPTOR SPECIFIC MANNER <b>R.K. Somvanshi</b> , S.A. War, N. Chaudhari, G. Kharmate, P.S. Rajput, D. Bakshi, X. Qiu, U. Kumar The University of British Columbia, Vancouver, BC, Canada	460
30	MODULATION OF APOPTOTIC AND CALCINEURIN-MEDIATED NFAT DEPHOSPHORYLATION IN CELLS COEXPRESSING SSTR5 AND $\beta_2$ -AR <b>R.K. Somvanshi</b> , S.A. War, N. Chaudhari, G. Kharmate, P.S. Rajput, D. Bakshi, X. Qiu, U. Kumar The University of British Columbia, Vancouver, BC, Canada	461
31	TREATMENT WITH L-CARNITINE SIGNIFICANTLY IMPROVES DIASTOLIC HEART FAILURE AND SYMPTOMS A.R. Serati, M.R. Motamedi, S. Emami, P. Varedi, <b>M.R. Movahed</b> The Southern Arizona VA Health Care System, AZ, USA	462
32	THIAMIN SUPPLEMENTATION IN PATIENTS WITH CHRONIC HEART FAILURE RECEIVING FULL MEDICAL TREATMENT <b>M. Mousavi</b> , S. Namazi, M.R. Avadi Khatam-al-Anbia Hospital, Iran	463

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

Board No.		Abstract No.
33	A STRUCTURED AMIODARONE PROTOCOL FOR THE MANAGEMENT OF POST OPERATIVE ATRIAL FIBRILLATION IS EQUIVALENT TO INDIVIDUALIZED PHYSICIAN MANAGEMENT <b>M.J. Shih</b> , M.G. Parikh, A. Khandelwal, R.S.D. Higgins, K. Krishnan Rush University Medical Center, Chicago, IL, USA	464
34	THE PREVALENCE OF INTRA-VENTRICULAR CONDUCTION DELAY IN ATRIAL FIBRILLATION E.A. Charaf, B.S. Abi-Saleh, P. Sultani, B. Omar, <b>S. Verma</b> University of South Alabama, Mobile, Alabama, USA	465
35	SLOWING HEART RATE REDUCES INCIDENCE OF VENTRICULAR FIBRILLATION DURING ACUTE MYOCARDIAL INFARCTION – EXPERIMENTAL STUDY L. Katsaros, N. Diakos, I. Pozios, <b>E. Tseliou</b> , K. Malliaras, C. Pantisios, S. Sventzouri, N. Michelinakis, J. Terrovitis, J. Nanas, University of Athens, Greece	466
36	ORAL ASCORBIC ACID IS EFFECTIVE IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CORONARY ARTERY BYPASS GRAFTING <b>M. Mousavi</b> , M. Eslami, R. Sattarzadeh Badkoubeh, H. Radmehr, M. Salehi, N. Tavakoli, M.R. Avadi, Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran	467
37	ASSOCIATION OF WARFARIN USE WITH CHADS2 SCORE IN 441 PATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION AND NO CONTRAINDICATIONS TO WARFARIN <b>H. Lai</b> , W.S. Aronow, H.V. Desai, K. Gandhi, S. Bakerywala, J. Laimuanpuui, M. Sharma, S.J. Peterson, New York Medical College, Valhalla, NY, USA	468
38	MULTIFACTORIAL QT INTERVAL PROLONGATION: THE RISK OF POLYPHARMACY <b>G.C. Digby</b> , A.R. Perez Riera, R. Barbosa Barros, L. de Sousa Belem, C. Fong, M. Methot, F. Femenia, A. Baranchuk Department of Cardiology, Kingston General Hospital, Queen's University, Kingston, ON, Canada	469
39	WHAT ARE THE RISK FACTORS FOR DEVELOPING ATRIAL FIBRILLATION IN HIV INFECTED PATIENTS? Y. Elnahar, J. Daoko, N. Gupta, F. Shamoon, <b>A. Al-dehneh</b> , Seton Hall University, Newark, NJ, USA	470

**P509 Poster Session  
ADVANCES IN CARDIAC SURGERY**

40	SELECTIVE MITOCHONDRIAL TRANSLOCATION OF PHOSPHORYLATED PKC $\alpha$ IN VIABLE MYOCYTES OVEREXPRESSING UROCORTIN AFTER CARDIOPLEGIC ARREST AND REPERFUSION C. Chen-Scarabelli, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, L. Saravolatz, <b>T.M. Scarabelli</b> , St John Hospital, Wayne State University, Detroit, MI, USA	471
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**TUESDAY, JULY 27, 2010**

**08:00 – 13:00**

**Poster Hall**

Board No.		Abstract No.
41	COMPARISON OF CORONARY ARTERY BYPASS GRAFTING VERSUS DRUG-ELUTING IMPLANTATION P.P. Pollice, S.E. Saad, <b>P.F. Pollice</b> , F.A. Fabiani University of Berne, Switzerland	472
42	LOWER TREND IN THE NATIONWIDE IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING CORONARY BYPASS SURGERY (CABG) IN THE UNITED STATES <b>M.R. Movahed</b> , R.Ramaraj, M. Hashemzadeh, University of Arizona Sarver Heart Center, Tucson, AR, USA	473
43	CAROTID INTIMA-MEDIA THICKNESS BY B-MODE ULTRASOUND AS SURROGATE OF CORONARY ATHEROSCLEROSIS <b>M. Amato</b> , P. Montorsi, A.L. Ravani, S. Galli, P.M. Ravagnani, E. Tremoli, D. Baldassarre, Monzino Cardiology Center, IRCCS, Italy	474
44	PREVIOUS PERCUTANEUS CORONARY STENTING: A NEW RISK FACTOR IN CARDIAC SURGERY <b>J. Rubio</b> , J. Sierra, L. Reija, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cerejijo, C. Delgado, University Hospital Santiago de Compostela, Santiago de Compostela, Spain	475
45	EFFECT OF CABG ON QT INTERVAL DISPERSION AS A MEASURE OF INHOMOGENEITY IN VENTRICULAR REPOLARIZATION <b>M. Nourizadeh</b> , M. Alasti, S. Bahadoran, M. Asadmoghadam Department of Cardiology, Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran	476
46	REVASCLARIZATION OUTCOMES ON THE JOINT CARDIOLOGY-CARDIOTHORACIC MULTIDISCIPLINARY TEAM (MDT) MEETING <b>W.K. Choo</b> , R.A. Amersey, Whipps Cross University Hospital, London, UK	477
47	ASSESSMENT OF KIDNEY FUNCTION BY CYSTATIN C IN PATIENTS, AFTER CORONARY ARTERY BYPASS GRAFTING <b>M. Ster</b> , T. Pintar, M. Tesovnik, J. Osredkar, M. Skitek University Medical Centre, Ljubljana, Slovenia	478
<b>P510</b>	<b>Poster Session CARDIAC TRANSPLANTATION</b>	
48	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, <b>M.R. Movahed</b> , University of Arizona Sarver Heart Center, Tucson, AR, USA	479
49	PROTAMINE CAN BE SAFELY ADMINISTERED FOR HEPARIN REVERSAL FOLLOWING IVUS IN CARDIAC TRANSPLANT PATIENTS R. Arsanjani, A. Khitri, M. Hashemzadeh, <b>M.R. Movahed</b> The Southern Arizona VA Health Care System, Tucson, AZ, USA	480
50	CNI - FREE IM IN CARDIAC TRANSPLANTATION - A SINGLE CENTER EXPERIENCE <b>M. Kondruweit</b> , R. Tandler, M. Weyand, University of Erlangen, Bavaria, Germany	481