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CONTENTS

Chairman’s Letter .......................................................... 5
Scientific Executive Committee ........................................ 7
Scientific Advisory Board .................................................. 8
Scientific Abstract Review Committee ................................. 11
Acknowledgements ......................................................... 13
General Information ....................................................... 14
Social Program .............................................................. 17
List of Exhibitors ............................................................ 18
Scientific Program
  Sunday, July 29, 2007 ..................................................... 21
  Monday, July 30, 2007 .................................................... 55
  Tuesday, July 31, 2007 ................................................... 91
Index ............................................................................ 109
Dear Friend and Colleague,

On behalf of the Organizing Committee, it is my great pleasure to welcome you to Vancouver and to the 13th World Congress on Heart Disease - International Academy of Cardiology, Annual Scientific Sessions 2007.

The Congress has been designed to provide an innovative and comprehensive overview of the latest research developments in cardiovascular medicine, primarily in the areas of molecular biology, coronary artery disease, heart failure, cardiac arrhythmias and cardiac surgery.

Many distinguished cardiologists and scientists have joined the faculty and will take part in this Congress. Papers will be presented in the form of plenary sessions, symposia and posters and will include superb scientific material that was carefully selected by the Scientific Abstract Review committee from over 900 abstracts submitted for presentation at the meeting. These studies, originating from laboratories in 57 countries, assure that the meeting will be a major scientific event.

We would like to express our thanks to the pharmaceutical and manufacturing industry for their generous support, to Target Conferences for their excellent arrangements in all aspects of the Congress, to our dedicated staff, colleagues, friends and families for their untiring help, support and advice in planning and arranging this meeting.

We hope that you will enjoy the Congress and that your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding. We also hope and trust that you will enjoy your visit to the very beautiful and exciting city of Vancouver, in July 2007.

Yours sincerely,

Asher Kimchi, MD
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Gerald F. Edelstein, partners, associates and staff of Edelstein, Laird & Sobel, P.C., Los Angeles, USA, for their continuing support and invaluable contribution in arranging the legal aspects of the Congress, and to our dedicated staff who helped bring this meeting to reality:

Sahar Bedrood
Shawna W. Benard
Laurie Brunette
Karen H. Burstein
Stacy Chan
Marilyne Katz
Bob Kazmer
Eitan Z. Kimchi
Eyal Y. Kimchi
Rebeca Kimchi
Karyn Nahar
Erica Schim
Natasha R. Shallow
Ashley E. Starkweather
Jen Tartaglia
Gail Tito
Elizabeth Rose Tria
Alicia Yaffe
GENERAL INFORMATION

VENUE AND HEADQUARTERS HOTEL
The Hyatt Regency Vancouver is the venue and headquarters hotel of the 13th World Congress on Heart Disease.
655 Burrard Street, Vancouver, BC, V6C 2R7, Canada
Tel: +1 604 683 1234; Fax: +1 604 689 3707

LANGUAGE
The official language of the Congress is English.

REGISTRATION DESK
The Registration Desk will operate as follows:
Saturday, July 28, 2007 16:00 - 20:00 hours
Sunday, July 29, 2007 08:00 - 18:00 hours
Monday, July 30, 2007 08:00 - 18:00 hours
Tuesday, July 31, 2007 08:00 - 14:00 hours

PROJECTION EQUIPMENT
Please bring your Powerpoint (or any other computer) presentation on a CD or on a memory stick (using the USB port in the computer).
A Speaker Ready Room will be available everyday from 7:30 am till end of sessions.
Please load your presentation onto one of the Congress computers provided in the Speaker Ready Room, at least 1 hour before the start of your assigned session.
You may supply your own laptop computer as back-up.

The computers provided by the Congress in the session halls are equipped with Windows XP and Office XP.

Important note for Macintosh users!
If using a Macintosh laptop computer, please note that you must provide your own computer and confirm that it has a VGA socket for external signal. On arrival at the Congress please check your computer in the Speaker Ready Room and again in the session hall where your lecture will take place, at least 1 hour before the start of your session.

Please note that video projection, 35 mm’ slide projection and overhead projection will not be available!
GENERAL INFORMATION (cont’d)

POSTER PRESENTATIONS
Please see the program for the exact date of your poster presentation. Presenters must put up their posters by 08:30 if presenting in the morning session, on the relevant day of their presentation and remove them by 12:30. If presenting in the afternoon session, posters should be put up by 14:00 and dismantled by 18:00 on the same day.
PLEASE NOTE: The Congress Organizers are not responsible for posters that have not been removed / collected by the end of designated sessions.
Please make yourself available next to your poster during coffee and lunch breaks to answer possible questions.

EXHIBITION
An exhibition will take place during the Congress and will be open as follows:
Saturday, July 28, 2007 18:30 - 20:00 hours
Sunday, July 29, 2007 10:00 - 17:00 hours
Monday, July 30, 2007 10:00 - 17:00 hours
Tuesday, July 31, 2007 10:00 - 13:00 hours

ATTENDANCE CERTIFICATES
An attendance certificate will be provided upon request for participants who need proof of attendance for income tax or other purposes.

GET-TOGETHER RECEPTION
Registered participants are invited to the Get-Together Reception, which will take place in the Exhibition Area of the Hyatt Regency Vancouver on Saturday, July 28 at 18:30 hours.

FAREWELL DINNER (Optional)
Tickets for the Farewell Dinner, Monday, July 30, 2007 at 20:00, may be purchased at the Registration Desk for US$ 80 per person, no later than noon on Sunday, July 29, 2007. Please note that the number of seats are limited and will be sold on a “first come first served” basis.

INSURANCE
The Congress Secretariat and Organizers cannot accept liability for personal accidents or loss of, or damage to, private property of participants, students and accompanying persons, either during or indirectly arising from the 13th World Congress on Heart Disease. Participants should make their own arrangements with respect to health and travel insurance.
GENERAL INFORMATION (cont’d)

CONGRESS SECRETARIAT
13th WORLD CONGRESS ON HEART DISEASE
PO Box 17659
Beverly Hills, CA 90209, USA
Tel: +1 310 657 8777; Fax: +1 310 659 4781
E-mail: klimedco@ucla.edu
Website: www.CardiologyOnline.com

ORGANIZERS

CARDIOLOGY ONLINE
PO Box 17659
Beverly Hills, CA 90209, USA
Tel: +1 310 657 8777; Fax: +1 310 659 4781
E-mail: klimedco@ucla.edu
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SOCIAL PROGRAM

SATURDAY, JULY 28, 2007

GET–TOGETHER RECEPTION  18:30 – 20:00

MONDAY, JULY 30 2007

FAREWELL DINNER (Optional)  20:00
Tickets for the Farewell Dinner may be purchased at the Registration Desk for US$ 80 per person. Please note that the number of seats are limited and will be sold on a “first come first served” basis.
LIST OF EXHIBITORS

KYOTO KAGAKU CO. LTD.
3109 Lomita Blvd.
Torrance, CA 90505, USA
Tel: +1 310 325 8860
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www.kyotokagaku.com

Kyoto Kagaku Co. Ltd. is exhibiting our Simulator “K” Heart Sound Auscultation Trainer and our Lung Sound Auscultation Trainer at the 13th World Congress on Heart Disease. For students and specialists alike, our simulation trainers provide the skills you need.

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Medispec’s innovative cardiac shockwave system, the CARDIOSPEC™, uses Non-Invasive Cardiac Angiogenesis Therapy (NI-CATh™) for myocardial ischemia in patients with refractory angina pectoris. The Cardiospec is an advanced and unique echo-based therapy device, delivering low intensity focused shockwaves to trigger the angiogenesis process. Clinical results show a significant improvement in CCS class, Exercise Tolerance and increase in myocardial perfusion.

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The Digital Pulse Analyzer measures arterial compliance and provides health care practitioners with critical information regarding arterial aging patterns. This FDA-cleared and Health Canada approved Class 2 medical device is inexpensive, non-invasive, and can provide results in minutes. The DPA comes with additional software that measures heart rate variability – an important tool to assess the balance of the autonomic nervous system.
Oxidation of lipoproteins is central in the initiation and progression of atherosclerosis, form the early stage conversion of monocytes/macrophages into lipid-laden foam cells to the late stage development of coronary artery stenosis, plaque instability, plaque rupture, coronary thrombosis and myocardial infarction. The Mercodia Oxidized LDL ELISA is the only commercially available test to directly measure circulating levels of oxidized LDL in serum or plasma, and the test is offered by Shiel Medical Laboratories in Brooklyn, New York as a ratio test of oxLDL/HDL. This ration test has been shown to diagnose individuals at risk for atherosclerosis when other traditional risk factors were not present.

Shiel Medical Laboratories introduces the Oxidized LDL/HDL ratio test, the most potent biomarker for discriminating between apparently healthy patients without evidence of CAD and patients with CAD. The potency of this biomarker was noted in an important study “Improved identification of patients with Coronary Artery Disease by the use of New Lipid and Lipoprotein Biomarkers” published in the March 2006 issue of the American Journal of Cardiology.
SUNDAY, JULY 29, 2007

09:00 - 10:15 Hall A

OC: OPENING CEREMONY
Chairperson: J.S. Borer, New York, NY, USA

GREETINGS
Asher Kimchi, USA
Founder and Chairman
International Academy of Cardiology
13th World Congress on Heart Disease

Jeffrey S. Borer, USA
Chairman, Scientific Executive Committee
Chairman, Section of Valvular Heart Disease
International Academy of Cardiology
13th World Congress on Heart Disease

Naranjan S. Dhalla, Canada
Member, Scientific Executive Committee
Chairman, Section of Cellular Biology of the Heart
International Academy of Cardiology
13th World Congress on Heart Disease

John A. Elefteriades, USA
Member, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
International Academy of Cardiology
13th World Congress on Heart Disease

Uri Elkayam, USA
Member, Scientific Executive Committee
Chairman, Section of Heart Failure
International Academy of Cardiology
13th World Congress on Heart Disease

PRESENTATION OF 2007 AWARDS
Jeffrey S. Borer, USA

09:35 - 10:15 Hall A

OL: OPENING LECTURE – SECOND H.J.C. SWAN MEMORIAL LECTURE
Chairperson: U. Elkayam, Los Angeles, CA, USA

09:35 INTRODUCTION
U. Elkayam, Los Angeles, CA, USA

09:40 HOW BEST TO IDENTIFY PATIENTS AT RISK FOR SUDDEN CARDIAC DEATH (Invited Lecture)
M.E. Cain, University at Buffalo, Buffalo, NY, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 29, 2007

10:45 – 13:30

PL01: Plenary Session
CARDIAC REPAIR AND REGENERATION

Chairpersons: J.D. Marsh, Little Rock, AR, USA
T. Toyo-oka, Sendai, Japan

10:45 STEM CELLS AND VASCULAR DISEASES (Invited Lecture)
Q. Xu, Cardiovascular Division, King’s College London, London, UK

11:00 LONG-LASTING PLASTICITY OF SLOW-TWITCH SKELETAL MYOBLASTS FOR SELECTIVE ENGRAFTMENT AND FUNCTIONAL IMPROVEMENT OF FAILING HEART (Invited Lecture)
T. Toyo-oka, A. Tezuka, T. Kawada, M. Nakazawa, F. Masui, S. Konno, S. Nitta
Tokyo University, Hospital, & TUBERO, Sendai, Japan

11:15 MODIFICATION OF CARDIOVASCULAR ION CHANNELS BY GENE THERAPY (Invited Lecture)
J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:30 HUMAN CARDIOMYOCYTE PROGENITOR CELLS DIFFERENTIATE INTO FUNCTIONAL CARDIOMYOCYTES IN VITRO (Invited Lecture)
University Medical Center, Heidelberglaan, The Interuniversity Cardiology Institute of the Netherlands, Utrecht, The Netherlands

11:45 UNLOCKING THE MYSTERIES THAT GOVERN VASCULAR CELL LIFE AND CELL LONGEVITY (Invited Lecture)
K. Maiese, Z.Z. Chong, Wayne State University, Detroit, MI, USA

12:00 SKELETAL MYOBLASTS FOR CHRONIC HEART FAILURE (Invited Lecture)
P.C. Smits, Medisch Centrum Rijnmond Zuid, Rotterdam, The Netherlands

12:15 LABELING OF STEM CELLS FOR NONINVASIVE DELIVERY AND TRACKING IN CARDIOVASCULAR REGENERATIVE THERAPY (Invited Lecture)
D. Kraitchman, Johns Hopkins University, Baltimore, MD, USA

12:30 MYOCARDIAL RESTORATION WITH STEM CELLS AND BIOARTIFICIAL TISSUES; PANDORA’S BOX ON THE SCALE (Invited Lecture)
T. Kofidis, National University of Singapore, Singapore

12:45 NOVEL ENDOGENOUS MYOCARDIAL REPAIR STRATEGIES FOR THE TREATMENT OF HEART FAILURE (Invited Lecture)
Y.J. Woo, University of Pennsylvania, Philadelphia, PA, USA

13:00 SYSTEMIC INFLAMMATORY CHANGES AND PROGENITOR CELL MOBILIZATION IN ACUTE MYOCARDIAL INFARCTION (Invited Lecture)
I. Ott, Deutsches Herzzentrum, Munich, Germany

13:15 REGULABLE GENE EXPRESSION SYSTEM FOR ISCHEMIC MYOCARDIUM
W. Zhang, L.P. Su, L. Ye, E. Sim, National Heart Center, Singapore

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
<table>
<thead>
<tr>
<th>Time</th>
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<th>Location</th>
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<tbody>
<tr>
<td>10:45</td>
<td>EMBOLIC PROTECTION DURING CAROTID STENTING WITH THE NEW FIBERNET DEVICE (Invited Lecture)</td>
<td>H. Sievert, J. Franke, C. Bauer, V. Woerner, N. Wunderlich, K. Mathias, J. Schofer, CardioVascular Center Frankfurt, Germany, Washington Hospital DC, USA</td>
<td>Germany, Washington DC, USA</td>
<td>12</td>
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<tr>
<td>11:00</td>
<td>APPLICATION OF ANGIOSCOPY FOR DIAGNOSIS AND TREATMENT OF VENOUS THROMBOEMBOLISM (Invited Lecture)</td>
<td>T. Tomaru, Toho University Sakura Hospital, Chiba, Japan</td>
<td>Japan, Chiba</td>
<td>13</td>
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<tr>
<td>11:15</td>
<td>NEW INSIGHTS INTO PERIPHERAL ARTERIAL DISEASE (Invited Lecture)</td>
<td>M.H. Criqui, University of California, SD, La Jolla, CA, USA</td>
<td>USA, La Jolla</td>
<td>14</td>
</tr>
<tr>
<td>11:30</td>
<td>THE CHANGING PARADIGM OF RENAL ARTERY STENOSIS (Invited Lecture)</td>
<td>A. Pathak, M. Rojas, G.A. Stouffer, University of North Carolina, Chapel Hill, NC, USA</td>
<td>USA, Chapel Hill</td>
<td>15</td>
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<tr>
<td>11:45</td>
<td>INTER-RELATIONSHIP OF CORONARY ARTERY DISEASE AND PERIPHERAL ARTERIAL DISEASE (Invited Lecture)</td>
<td>V. Mathew, Mayo Clinic, Rochester, MN, USA</td>
<td>USA, Rochester</td>
<td>16</td>
</tr>
<tr>
<td>12:00</td>
<td>CAROTID ANGIOPLASTY UNDER PROTECTION. LIMITATIONS. NEW DEVELOPMENTS (Invited Lecture)</td>
<td>M. Henry, A. Polydorou, I. Henry, A. Polydorou, M. Hugel Cabinet de Cardiologie, Nancy, France</td>
<td>France, Nancy</td>
<td>17</td>
</tr>
<tr>
<td>12:30</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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### PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

**Chairpersons:**
- **N.S. Dhalla**, Winnipeg, MB, Canada
- **F.G. Spinale**, Charleston, SC, USA

#### 10:45 – 11:00

**10:45 BENEFICIAL EFFECTS OF SARPOGRELATE (AN ANTIPLATELET AGENT) IN CONGESTIVE HEART FAILURE** (Invited Lecture)
- **N.S. Dhalla**, S.K. Sanganalmath, St. Boniface General Hospital Research Centre, Winnipeg, Canada

**11:00 DIFFERENTIAL MATRIX METALLOPROTEINASE PROTEOMIC PROFILING IN PATIENTS AT RISK FOR HEART FAILURE: DIAGNOSTIC AND PROGNOSTIC IMPLICATIONS** (Invited Lecture)
- **F.G. Spinale**, Medical University of South Carolina, Charleston, SC, USA

#### 11:15 – 12:00

**11:15 PLEIOTROPIC EFFECTS OF CARDIAC DRUGS AND INTERVENTIONS ON THE EXTRACELLULAR COLLAGEN MATRIX: THE GOOD, BAD AND UGLY** (Invited Lecture)
- **B.I. Jugdutt**, University of Alberta, Edmonton, Alberta, Canada

**11:30 HEAT SHOCK PROTEIN 60 IN HEART FAILURE: FRIEND OR FOE?** (Invited Lecture)
- L. Lin, S.C. Kim, S. Gupta, S.I. Simon, **A.A. Knowlton**
  University of California, Davis, VA Medical Center, Sacramento, CA, USA

**11:45 NATRIURETIC PEPTIDES IN THE APPROACH TO HEART FAILURE** (Invited Lecture)
- **P. Bettencourt**, Unidade Cuidados Intermedios Medicina Hospital, Lisbon, Portugal

**12:00 SERIAL BIOMARKER MEASUREMENTS (TROPONIN T AND B-TYPE NATRIURETIC PEPTIDE) IN AMBULATORY PATIENTS WITH CHRONIC HEART FAILURE--WHAT HAPPENS OVER TIME** (Invited Lecture)
  Mayo Clinic, Rochester, MN, USA

**12:15 RISK ASSESSMENT IN HEART FAILURE** (Invited Lecture)
- **J. Butler**, Emory University, Atlanta, GA, USA

**12:30 CAN NT-PROBNP LEVELS HELP PREVENT CARDIOVASCULAR DISEASE** (Invited Lecture)
- **D.J. Campbell**, M. Woodward, J.P. Chalmers, S.A. Colman, A.J. Jenkins, B.E. Kemp, A. Patel, B.C. Neal, S.W. MacMahon,
  St. Vincent's Institute of Medical Research, University of Melbourne, Fitzroy, Victoria, Australia

**12:45 OBESITY AND HEART FAILURE: EPIDEMIOLOGICAL CONFUSION AND DIAGNOSTIC DILEMMAS** (Invited Lecture)
- **H. Dokainish**, Baylor College of Medicine, Houston, TX, USA

**13:00 MEASURING THE QUALITY OF HEART FAILURE CARE** (Invited Lecture)
- **P.A. Heidenreich**, Palo Alto VA Health Care System, Palo Alto, CA, USA

**13:15 CHRONIC APELIN ADMINISTRATION PREVENTS THE DEVELOPMENT OF LV REMODELING AND DYSFUNCTION IN RATS WITH HEART FAILURE**
- **Y. Iwanaga**, Y. Tamaki, T. Kita, Kyoto University, Kyoto, Japan

**13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION**
SUNDAY, JULY 29, 2007

10:45 – 13:30

Hall D

S51: Session
ATHEROSCLEROSIS: PRIMARY PREVENTION, DIABETES MELLITUS,
OBESITY, METABOLIC SYNDROME

Chairpersons: H. Lazar, Boston, MA, USA
N.D. Wong, Irvine, CA, USA

10:45 ACUTE CORONARY SYNDROMES AND DIABETES: IS INTENSIVE LIPID
LOWERING BENEFICIAL? RESULTS OF THE PROVE IT –TIMI 22 TRIAL
S. Ahmed, C.P. Cannon, S.A. Murphy, E. Braunwald
Sunnybrook Health Sciences Centre, University of Toronto, Canada

11:00 ROLE OF CALRETICULIN IN INDUCING ENDOTHELIAL CELLS
DYSFUNCTION IN DIABETES
Y. Riahi, H. Totary-Jain, S. Sasson, Hebrew University of Jerusalem, Israel

11:15 HEME OXYGENASE-1 (HO-1) INHIBITS THE DEVELOPMENT OF
MYOCARDIAL DYSFUNCTION IN STREPTOZOTOCIN-INDUCED
DIABETIC CARDIOMYOPATHY IN MOUSE
S. Kiuchi, T. Morita, T. Suzuki, Y. Yamagishi, J. Tatebe, J. Yamasaki
Toho University, Japan

11:30 IMPACT OF DIABETES ON DISPARITIES IN THE DECLINE OF
J. Fang, M.H. Alderman, C. Ayala, N.L. Keenan, J.B. Croft
Division for Heart Disease and Stroke, CDC, Atlanta, GA, USA

11:45 GENDER SPECIFIC PREVALENCE OF CARDIOVASCULAR RISK FACTORS
IN LATIN AMERICA: RESULTS FROM LASO
L.E. Bautista, V.M. Herrera, J.P. Casas, M. Orostegui, N. Schapochnik,
C. Ferreccio, L. Rosero, R. Pichardo, J.R. Sanchez, E. Silva
University of Wisconsin, Madison, WI, USA

12:00 PREDICTING CHD/IHD DEATH: METABOLIC SYNDROME VS.
FRAMINGHAM SCORE: THE RANCHO BERNARDO STUDY
E. Barrett-Connor, H. Araneta
University of California, San Diego, La Jolla, CA, USA

12:15 ASSOCIATIONS OF BLOOD LEVELS OF INSULIN-LIKE GROWTH
FACTOR (IGF)-I, IGF-II AND IGF-BINDING PROTEIN (IGFBP)-3 WITH
CORONARY HEART DISEASE IN ARAB SUBJECTS
K. Kapila, A.O. Akanji, Faculty of Medicine, Kuwait University, Kuwait

12:30 EFFECT OF ROSIGLITAZONE TREATMENT ON POSTPRANDIAL
ENDOTHELIAL DYSFUNCTION INDICES IN PATIENTS WITH TYPE 2
DIABETES
S. Pastromas, S. Koulouris, D. Sakellariou, G. Ioannidis, D. Tyousoulis,
N. Zakopoulos, A. Nikou, Ch. Stefanadis, A.S. Manolis
Evagelismos General Hospital Athens, Greece

12:45 MODERATE OR SEVERE RENAL INSUFFICIENCY IS ASSOCIATED
WITH 3-VESSEL CORONARY ARTERY DISEASE
O. Khalique, W.I.S. Aronow, C. Ahn, M. Mazar, B. Schair, J. Shao,
V. Channamsetty, New York Medical College, Valhalla, NY, USA
13:00 ACUTE OUTCOME AND LONG-TERM RESULTS OF CAROTID STENTING UP TO 11 YEARS: A COMPARISON OF DIABETIC AND NON-DIABETIC PATIENTS
J. Franke, V. Woerner, C. Bauer, S. Ghasemzadeh-Asl, M. Koch, C. Thomalske, U. Oetjen, P. Schneider, N. Wunderlich, H. Sievert
CardioVascular Center Frankfurt, Germany

13:15 EPICARDIAL ADIPOSE TISSUE IS RELATED TO CAROTID INTIMA-MEDIA THICKNESS AND VISCERAL ADIPOSITY IN HIV-INFECTED PATIENTS WITH HIGHLY ACTIVE ANTIRETROVIRAL THERAPY-ASSOCIATED METABOLIC SYNDROME
G. Iacobellis, A.M. Pellicelli, B. Grisorio, G. Barbarini, A.M. Sharma, G. Barbaro, Policlinico S.Matteo, Pavia, Italy

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution/Location</th>
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<tbody>
<tr>
<td>1</td>
<td>44</td>
<td>EVALUATION OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION USING SPECKLE TRACKING ECHOCARDIOGRAPHY</td>
<td>T.T. Phan, G.N. Shivu, K. Abozguia, M. Frenneaux, University of Birmingham, UK</td>
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<tr>
<td>2</td>
<td>45</td>
<td>SPONTANEOUS RETRACTION OF AN INTRAMYOCARDIAL DISSECTING HEMORRHAGE AND MULTIPLE LEFT VENTRICULAR THROMBUS FORMATIONS IN SUBACUTE MYOCARDIAL INFARCTION AND ANTIPHOSPHOLIPID SYNDROME: A CASE REPORT WITH LONG-TERM FOLLOW-UP</td>
<td>E. Bahlmann, C. Schneider, L. Vitali Serdoz, M. Hoffmann-Riem, T. Broemel, K.H. Kuck, AK St. Georg, Hamburg, Germany</td>
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<tr>
<td>3</td>
<td>46</td>
<td>LEFT ATRIAL VOLUME INDEX RESPONSE DURING DOBUTAMINE STRESS</td>
<td>E.S. Tucay, R.E. Cuyco, R.D. Jara, N.D. Erquiza Philippine Heart Center, Quezon City, Philippines</td>
<td></td>
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<tr>
<td>4</td>
<td>47</td>
<td>TRANSTHORACIC DOPPLER DIASTOLIC BLOOD FLOW CHARACTERISTICS IN THE MID LEFT ANTERIOR DESCENDING CORONARY ARTERY AS MARKERS OF ITS PROXIMAL OR MID OBSTRUCTIVE STENOSES</td>
<td>A.A. Boshchenko, A.V. Vrublevsky, R.S. Karpov Cardiology Research Institute, Tomsk, Russia</td>
<td></td>
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<tr>
<td>5</td>
<td>48</td>
<td>PREVALENCE OF LEFT VENTRICULAR DIASTOLIC ASYNCHRONY IN PATIENTS WITH SYSTOLIC HEART FAILURE</td>
<td>M. Esmaeilzadeh, H. Saadatifar, M. Maleki, A. Mohebbi, S.Z.M. Ojaghi Haghighi, A. Sadeghpour, N. Samiei, F. Noohi Shaheed Rajaie Heart Center, Tehran, Iran</td>
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<tr>
<td>6</td>
<td>49</td>
<td>DETECTION OF CORONARY ARTERY DISEASE BY DOBUTAMINE STRESS TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN PATIENTS WITH AORTIC STENOSIS</td>
<td>T.S. Siddiqui, B. Dawn, R. Lewis, A. Makkar, M.F. Stoddard University of Louisville, KY, USA</td>
<td></td>
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<tr>
<td>7</td>
<td>50</td>
<td>UTILITY OF PREOPERATIVE BARIATRIC ECHOCARDIOGRAPHY IN PATIENTS UNDERGOING BARIATRIC SURGERY</td>
<td>D. Malhotra, S. Doddamani, D.M. Spevack Montefiore Medical Center, New York, NY, USA</td>
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### P102 Poster Session

**NUCLEAR CARDIOLOGY**

<table>
<thead>
<tr>
<th>Board No.</th>
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<tr>
<td>8</td>
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</tr>
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<tr>
<th>IS THE PROGNOSTIC SIGNIFICANCE OF A NORMAL TECHNETIUM-99M STRESS MYOCARDIAL PERFUSION (MYOVIEW(TM)) STUDY AFFECTED BY RACE?</th>
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<tr>
<th>IMPAIRED MYOCARDIAL VASODILATATION DURING HYPERAEMIC STRESS WITH DIPYRIDAMOLE CAN BE IMPROVED BY SIMVASTATIN BUT NOT BY PRAVASTATIN IN PATIENTS WITH HYPERCHOLESTEROLEMIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Yokoyama, Y. Inoue, T. Moritan, K. Ohtomo, R. Nagai International University of Health and Welfare Sanno Hospital Tokyo, Japan</td>
</tr>
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### P103 Poster Session

**MOLECULAR CARDIOLOGY, BASIC RESEARCH I**

<table>
<thead>
<tr>
<th>10</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>54</td>
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<td>12</td>
<td>55</td>
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<td>15</td>
<td>58</td>
</tr>
</tbody>
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<thead>
<tr>
<th>P21-ACTIVATED KINASE-2 INTEGRATES SIGNALING CROSSTALK BETWEEN AMPK-ALPHA2 AND P42/44MAPK TO MODULATE CHOLESTEROL HOMEOSTASIS</th>
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<tbody>
<tr>
<td>H.M. Wang, W. Huang, K.D. Mehta The Ohio State University College of Medicine, Columbus, OH, USA</td>
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<tr>
<th>FORKHEAD TRANSCRIPTION FACTOR, FOXO3A REGULATES CYR61 LEADING TO INHIBITION OF NEOINTIMAL HYPERPLASIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>H.Y. Lee, B.H. Oh, H.J. Kang, K.W. Park, H.S. Kim Seoul National University Hospital, South Korea</td>
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<tr>
<th>ATRIAL-RADIOFREQUENCY CATHETER ABLATION INDUCED FOCAL IMMIGRATION OF MESENCHYMAL STROMAL CELLS</th>
</tr>
</thead>
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<tr>
<td>P.A. Schweizer, U. Krause, M. Koenen, J. Zehelein University of Heidelberg, Heidelberg, Germany</td>
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<tr>
<th>DIFFERENTIAL REGULATION OF STRETCH-ACTIVATED ANP RELEASE BY CHLORIDE CHANNELS</th>
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<tbody>
<tr>
<td>G.Y. Bai, J.H. Han, K.Yuan, W.H. Park, S.Z. Kim, S.H. Kim Chonbuk National University, Jeonju, Korea</td>
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<tr>
<th>INTERACTION OF TYPE 1 NKT AND HELPER T CELLS WITH AUTOLOGOUS HUMAN PLAQUE-DERIVED VASCULAR SMOOTH MUSCLE CELL IN ATHEROSCLEROTIC ABDOMINAL AORTIC ANEURYSM</th>
</tr>
</thead>
<tbody>
<tr>
<td>W.L. Chan, N. Pejnovic, H. Hamilton, T.V. Liew, D. Popadic, A. Poggi, S.M. Khan, Queen Mary University London, UK</td>
</tr>
</tbody>
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<thead>
<tr>
<th>TIME COURSE OF CSE EXPRESSION AND ITS CATALYZING ACTIVITY IN RAT MODEL OF MYOCARDIAL ISCHEMIA-REPERFUSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y.L. Fu, P.K. Moore, Y.Z. Zhu, National University of Singapore, Singapore</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 29, 2007

08:30 – 12:30 P103 (cont.)

**Board No.** 16

**EFFECT OF HIGH FAT/HIGH CHOLESTEROL DIET ON ATP BINDING CASSETTE TRANSPORTER A1 AND LIVER X RECEPTOR ALFA EXPRESSION IN MINIPIGS**

**C.K. Tang**, X.R. Hao, D.L. Cao, Y.W. Hu, X.X. Li
Nanhua University, Hengyang, Hunan, China

**INTERACTION BETWEEN HYDROGEN SULFIDE (H2S) AND NITRIC OXIDE (NO) DURING THE PROCESS OF MYOCARDIAL ISCHEMIA IN RAT**

**C.Q. Chen**, Y.C. Zhu, **Y.Z. Zhu**, Fu Dan University, Shanghai, PR. China

**P104 Poster Session**

**BIOCHEMICAL MARKERS OF ACUTE ISCHEMIA**

**PLASMINOGEN ACTIVATOR INHIBITOR-1 AND INFLAMMATORY MARKERS IN ACUTE MYOCARDIAL INFARCTION WITH SHOCK**

Mersin University, Mersin, Turkey

**TRO PonIN, "HOW HIGH IS TOO HIGH?", AND CUMULATIVE VALUE OF BIOMARKERS IN PREDICTING SHORT TERM MORTALITY**

**A. Khaja**, S. Gosavi, K. Aggarwal, University of Missouri Columbia, MO, USA

**THE ADAPTIVE IMMUNE SYSTEM AND LONG-TERM OUTCOME IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE: PREDICTIVE VALUE OF ROUTINE LABORATORY MEASUREMENTS**

**A. Niessner**, S. Graf, M. Nikfardjam, S. Lehr, G. Maurer, J. Wojta, K. Huber
Medical University of Vienna, Austria

**DOES LEUKOCYTOSIS PREDICT RECURRENT ISCHEMIC EVENTS AFTER CORONARY ARTERY BYPASS GRAFT SURGERY?**

**F. Rashidi**, A. Rashdi, M. Kheiri, A. Ashrafiizadeh, P. Jamshidi
Zanjan University of Medical Science, Zanjan, Iran

**P105 Poster Session**

**MYOCARDIAL STUNNING, HIBERNATION AND PRECONDITIONING**

**ISCHAEMIC POSTCONDITIONING, UNDERLYING SIGNALLING MECHANISMS**

Rayne Institute, King's College London, London, UK
**SUNDAY, JULY 29, 2007**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tr>
<td>08:30 – 12:30</td>
<td><strong>Poster Session</strong></td>
<td>Poster Hall</td>
</tr>
</tbody>
</table>

### P106 Poster Session

**THE PLAQUE AND ACUTE CORONARY SYNDROMES**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>66</td>
</tr>
</tbody>
</table>

THE SYNERGISTIC EFFECTS OF STATINS AND APOA-I AS ANTI-INFLAMMATORY COMPOUNDS  
**B. Yekta**, M. Navab, A.M. Fogelman, S. Hama, G. Hough  
UCLA, Los Angeles, CA, USA

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>67</td>
</tr>
</tbody>
</table>

A STUDY OF THE OXIDATIVE STRESS AND ANTIOXIDANT ENZYMES IN ACUTE CORONARY SYNDROMES  
**R. Avasthi**, B.K.Ram, B.D. Banerjee, R.Sharma  
UCMS & GTB Hospital, Delhi, India

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>68</td>
</tr>
</tbody>
</table>

EVALUATION OF STATINS IN DECREASING THE EARLY MORTALITY AND MORBIDITY OF ACUTE CORONARY SYNDROME (A RANDOMIZED DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL)  
**A. Shahmohammadi Mousavi**, M. Peighambari, N. Zafaranloo, L. Zahedi, Shaheed Rajaie Cardiovascular Medical and Research Center, Tehran, Iran

### P107 Poster Session

**ACUTE MYOCARDIAL INFARCTION: THROMBOLYSIS AND REPERFUSION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>69</td>
</tr>
</tbody>
</table>

IMPACT OF PERCUSURGE DEVICE CONJUGATIVE WITH NITROPRUSSIDE ON NO-REFLOW DURING PRIMARY CORONARY INTERVENTION  
**A.A. Youssef**, C.J. Wu, H.K. Yip  
Suez Canal University Hospital, Ismailia, Egypt

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>70</td>
</tr>
</tbody>
</table>

NON-INVASIVE LOW FREQUENCY VIBRATION AS A POTENTIAL EMERGENCY ADJUNCTIVE TREATMENT FOR HEART ATTACK AND STROKE. AN IN-VITRO FLOW MODEL.  
F.G. Yohannes, **A.K. Hoffmann**, RDCS, Royal Columbian Hospital, New Westminster, BC, Canada

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>71</td>
</tr>
</tbody>
</table>

ACUTE HYPERGLYCEMIA DURING ISCHEMIA EXACERBATES MI/R INJURY AND ABOLISHES CARDIOPROTECTIVE EFFECTS OF GIK  
H. Su, X. Sun, H.F. Zhang, C. Huang, X.M. Wang, H.C. Wang, **F. Gao**  
Xijing Hospital, FMMU, Xi’an, China

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>72</td>
</tr>
</tbody>
</table>

GENDER DIFFERENCE IN THROMBOLYTIC THERAPY  
Rasht, Guilan Medical University, Iran
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Poster Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>73</td>
<td>COMMUNITY HOSPITAL EXPERIENCE WITH TAKOTSUBO SYNDROME IN 38 PATIENTS WITH TWO YEAR FOLLOW UP A. Gupta, R.J. Lundstrom Kaiser Permanente Medical Center, Santa Clara, CA, USA</td>
</tr>
<tr>
<td>31</td>
<td>74</td>
<td>PREVALENCE OF CARDIAC TROPOIN I AUTOANTIBODIES IN NORMAL BLOOD DONOR AND TROPOIN-positive plasma samples M. Adamczyk, R.J. Brashear, P.G. Mattingly Abbott Laboratories, Abbott Park Illinois, USA</td>
</tr>
<tr>
<td>32</td>
<td>75</td>
<td>PATHOGENESIS OF CHRONIC CHAGAS HEART DISEASE J.A. Marin-Neto, E. Cunha-Neto, B.C. Maciel, M.V. Simoes University of Sao Paulo, Ribeira Preto, Sao Paulo, Brazil</td>
</tr>
<tr>
<td>33</td>
<td>76</td>
<td>SOME FACTORS OF LONG-TERM PROGNOSIS IMPROVEMENT IN PATIENTS WITH DILATED CARDIOMYOPATHY K.A. Nadaraia, N.N Kipshidze, M.A. Rogava, National Center of Therapy, Tbilisi, Georgia</td>
</tr>
<tr>
<td>34</td>
<td>77</td>
<td>GLOBAL CARDIOVASCULAR RISK IN PATIENTS WITH HIV INFECTION: CONCORDANCE AND DIFFERENCES IN ESTIMATES ACCORDING TO THREE RISK EQUATIONS (FRAMINGHAM, SCORE AND PROCAM) J. Pedro-Botet, H. Knobel, A. Guelar, P. Saballs, Hospital del Mar, Barcelona, Spain</td>
</tr>
<tr>
<td>35</td>
<td>78</td>
<td>ECG IN THE MANAGEMENT OF PATIENTS WITH CONGESTIVE HEART FAILURE J. Madias, Mount Sinai School of Medicine of the New York/Cardiology Division, Elmhurst Hospital Center, USA</td>
</tr>
<tr>
<td>36</td>
<td>79</td>
<td>EVALUATION OF LONG-TERM OUTCOME OF VIRAL AND IDIOPATHIC DILATED CARDIOMYOPATHY N.N. Kipshidze, K.A. Nadaraia, National Center of Therapy, Tbilisi, Georgia</td>
</tr>
<tr>
<td>37</td>
<td>80</td>
<td>CIRCULATING TENASCIN-C LEVELS ARE INCREASED IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY N. Aso, A. Tamura, J. Kadota, Oita University, Yufa, Oita, Japan</td>
</tr>
<tr>
<td>38</td>
<td>81</td>
<td>CARDIOTROPIC AND HEPATOTROPIC VIRUSES IN THE MORPHOFUNCTIONAL AND CLINICAL PICTURE OF DILATED CARDIOMYOPATHY M.A. Rogava, T.T. Bochorishvili, National Center of Therapy, Tbilisi, Georgia</td>
</tr>
</tbody>
</table>
### P109  RENAL ASPECTS - DIURETICS

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>39</td>
<td>82</td>
<td>THE EFFECT OF RENAL TRANSPLANTATION ON DISPERSION OF VENTRICULAR REPOLARIZATION</td>
<td>S. Khosropanah, S. Minaie, Shiraz University, Iran</td>
</tr>
<tr>
<td>40</td>
<td>83</td>
<td>PREVENTION OF RADIOCONTRAST-INDUCED NEPHROPATHY AFTER CARDIAC ANGIOGRAPHY WITH N-ACETYLCYSTEINE</td>
<td>C.H. Hsu, H.W. Chang, J.D. Lee, P.H. Lo, J.J. Lin, H.T.Chou, China Medical University Hospital, Taichung, Taiwan</td>
</tr>
<tr>
<td>41</td>
<td>84</td>
<td>RELATION BETWEEN STENOSIS OF CORONARY AND RENAL ARTERIES</td>
<td>M. Ebrahimi, M.R. Abolfazli, E. Shafighi, Mashhad University of Medical Sciences, Mashhad, Iran</td>
</tr>
</tbody>
</table>

### P110  Poster Session  SUDDEN DEATH

<table>
<thead>
<tr>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>86</td>
<td>PREDICTORS OF OUTCOMES OF CARDIOPULMONARY RESUSCITATION: DATA FROM SIRIRAJ CPR REGISTRY</td>
<td>R. Krittayaphong, P. Saengsung, T. Chawaruechai, S.Udompunturak, Siriraj Hospital, Mahidol University, Bangkok, Thailand</td>
</tr>
<tr>
<td>87</td>
<td>PREVALENCE OF BRUGADA ECG IN PATIENTS REFERRED FOR STRESS ECHOCARDIOGRAPHY</td>
<td>A. Gitig, J. Fisher, R.J. Ostfeld, D.M. Spevack, Montefiore Medical Center, New York, NY, USA</td>
</tr>
<tr>
<td>88</td>
<td>CARDIAC ARREST OF VISITORS WITHIN HOSPITAL PUBLIC AREAS: UTSTEIN BASED TRENDS &amp; OUTCOMES</td>
<td>R.J. Jones, B.D. Adams, San Antonio Uniformed Services Health Education Consortium, San Antonio, TX, USA</td>
</tr>
</tbody>
</table>

### P111  Poster Session  ELECTROPHYSIOLOGIC TECHNIQUES OF MAPPING AND RADIOFREQUENCY ABLATION

<table>
<thead>
<tr>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>89</td>
<td>MAD HONEY INTOXICATION: 1 YEAR EXPERIENCE</td>
<td>A. Uslu, M.O. Levent, E. Okuyan, Serife Baci State Hospital, Kastamonu, Turkey</td>
</tr>
<tr>
<td>90</td>
<td>IDIOPATHIC LEFT VENTRICULAR TACHYCARDIA</td>
<td>H.R. Bonakdar, M. Tayyebi, Z. Emkanjoo, A. Alizadeh, M.V. Jorat, S. Sadr-Ameli, Rajaei Cardiovascular Medical Center, Tehran, Iran</td>
</tr>
</tbody>
</table>
ELECTROCARDIOGRAPHIC CHARACTERISTICS OF PATIENTS WITH EBSTEIN’S ANOMALY BEFORE AND AFTER ABLATION OF AN ACCESSORY ATRIOVENTRICULAR PATHWAY
P. Iturralde, S. Nava, G. Salica, A. Medeiros, M. Marquez, L. Colin, D. Victoria, A. De Micheli, M. Gonzalez, National Institute of Cardiology “Ignacio Chavez”, Mexico City, Mexico

PACEMAPPING OF KOCH’S TRIANGLE AVOIDS AV BLOCK DURING ABLATION OF AVN RT
P. Delise, N. Sitta, L. Coro, M. Fantinel, A. Bonso, R. Mantovan, R. Verlato, F. Zoppo, D. D’Este, E. Marras
Divisions of Cardiology, Hospitals of Conegliano, Italy

CIRCADIAN VARIATION OF SYMPTOMATIC SUBACUTE STENT THROMBOSIS AFTER BARE-METAL STENT IMPLANTATION
A. Tamura, T. Watanabe, K. Nagase, T. Nakaishi, N. Aso, Y. Kawano, Y. Abe, H. Zaizen, S. Yano, J. Kadota, Oita University, Yufu, Japan

CLINICAL FEASIBILITY AND ANGIOGRAPHIC FOLLOW-UP OF ENDOVASCULAR STENT-GRAFT FOR TYPE B DISSECTION. EXPERIENCE OF A SINGLE CENTER IN BRAZIL
A.G. Daige, R.G. Wanderley, R.B. Favero, L.E. Pereira, I.S. Nunes, L.Z. Kanashiro, C.L. Albernaz, Santa Casa, Campo Grande, MS, Brazil

NEW DISTAL EMBOLIC PROTECTION DEVICE USING A 3 DIMENSIONAL FILTER. FIBERNET: 1ST CAROTID HUMAN STUDY
M. Henry, A. Polydorou, J. Henry, A. Polydorou, M. Hugel, Cabinet de Cardiologie, Nancy, France

EXAMINATION OF SEX AS AN INDEPENDENT RISK FACTOR FOR ADVERSE EVENTS AFTER CAROTID ENDARTERECTOMY
University of Virginia, Charlottesville, VA, USA

ACUTE AND LONG-TERM FOLLOW-UP OF CAROTID STENTING IN FEMALE AND MALE PATIENTS WITH CAROTID STENOSIS: DOES GENDER HAVE AN EFFECT ON THE RESULT OF CAROTID STENTING?
J. Franke, C. Bauer, V. Woerner, S. Ghasemzadeh-Asl, N. Wunderlich, U. Oetjen, C. Thomalske, P. Schneider, M. Koch, H. Sievert
CardioVascular Center Frankfurt Sankt Katharinen, Frankfurt, Germany

BALLOON ANGIOPLASTY PLUS CILOSTAZOL ADMINISTRATION VERSUS PRIMARY STENTING OF SMALL CORONARY ARTERY DISEASE: FINAL RESULTS OF COMPASS
K. Nasu, E. Tsuchikane, Y. Takeda, T. Suzuki, Toyohashi Heart Center, Toyohashi, Japan
56 THE ROLE OF THE SIZING BALLOON IN SELECTION OF THE PFO CLOSURE DEVICE SIZE
J.A. Alibegovic, R.F.B. Bonvini, U.S. Sigwart, P.A.D. Dorsaz, E.C. Camenzind, V.V. Verin, University Hospital Geneva, Switzerland

57 NEW CONCEPT FOR CHRONIC TOTAL OCCLUSION USING RETROGRADE APPROACH VIA THE SEPTAL BRANCH IN THE RCA
N. Ozawa, M. Shinozaki, T. Sato, T. Miyachi
Yokohama Asahi General Hospital, Japan

58 OUTCOME OF MULTIPLE VS. SINGLE STENT DEPLOYMENT DURING PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH DIABETES MELLITUS
University of Arkansas for Medical Sciences, Little Rock, AR, USA

59 COMPARATIVE OUTCOMES OF IN-HOSPITAL COMPLICATIONS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION IN FEMALES
S. Nasim, S. Dhakam, N. Nadeem, Aga Khan University, Karachi, Pakistan

60 THE AVERAGE STENT LENGTH IS LONGER AND THE AVERAGE STENT DIAMETER IS SHORTER IN PATIENTS WITH DRUG-ELUTING STENTS VERSUS BARE-METAL STENTS DURING PERCUTANEOUS CORONARY INTERVENTION

61 EXPERIMENTAL IMPLANTATION OF BARE METAL STENTS COMPARED TO STENTS COVERED WITH BIOSYNTHETIC CELLULOSE IN RABBITS: A HISTOPATHOLOGIC STUDY
Hospital Universitario Evangelico, Curitiba, Brazil
PL04  Plenary Session

RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH

Chairpersons:  M. E. Cain, Buffalo, NY, USA
               J.E. Madias, Elmhurst, NY, USA

14:00     REPRODUCIBILITY OF T-WAVE ALTERNANS IN PATIENTS WITH CHF
          (Invited Lecture)
          J. E. Madias, Mount Sinai School of Medicine of the New York/Cardiology
          Division, Elmhurst Hospital Center, USA

14:15     PUBLIC ACCESS DEFIBRILLATION IN OUT-OF-HOSPITAL CARDIAC
          ARREST THE PIACENZA PROGETTO VITA RESULTS (Invited Lecture)
          A. Capucci, D. Aschieri, G.Q. Villani, M. Piepoli, A. Rosi, M.S. Pisati,
          C. Armentano, Piacenza Hospital, Italy

14:30     POPULATION-BASED ANALYSIS OF SUDDEN CARDIAC DEATH:
          CLINICAL IMPLICATIONS (Invited Lecture)
          S.S. Chugh, Oregon Health & Science University, Portland, OR, USA

14:45     FLUCTUATIONS OF ECG AND RISK STRATIFICATION IN BRUGADA
          SYNDROME (Invited Lecture)
          M. Takagi, H. Tatsumi
          Osaka City University Graduate School of Medicine, Osaka, Japan

15:00     SUDDEN CARDIAC DEATH IN YOUNG
          INDIVIDUALS: CLINICAL AND GENETIC INVESTIGATION OF THE
          FAMILY (Invited Lecture)
          P.P. McKeown, Royal Hospitals Trust and Queen’s University, Belfast,
          UK

15:15     RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH:
          WHERE ARE WE NOW? WHERE DO WE NEED TO BE?
          (Invited Lecture)
          S. Al-Khatib, Duke University Medical Center, Durham, NC, USA

15:30     SYNCOPE OF UNKNOWN ORIGIN: CONTROL OF THE DRUG
          THERAPY EFFICACY BY TILT TEST REPETITION (Invited Lecture)
          D. Flammang, G. Chauveau, S. Mousi, Lyon University Hospital, Lyon,
          France

15:45     IS IT POSSIBLE TO REDUCE HOSPITALIZATION COSTS
          FOR PATIENTS CONSIDERED AT RISK OF SERIOUS ARRHYTHMIAS?
          (Invited Lecture)
          A. Martinez Rubio, S. Galan, M. Cazorla, E. Guillaumet, S. Ibars, E.
          Guileras, M. Bonastre, R. Baga, G. Gusi, I. Anguera, Hosp de Sabadell,
          Spain

16:00     CURRENT PERSPECTIVES IN RISK STRATIFICATION FOR SUDDEN
          CARDIAC DEATH (Invited Lecture)
          D. Wichterle, Institute for Clinical and Experimental Medicine, Prague,
          Czech Republic

16:15     OBESITY, PHYSICAL ACTIVITY AND SUDDEN CARDIAC ARREST
          (Invited Lecture)
          P.R. Reddy, K. Reinier, C. Socoteanu, R. Mariani, S.S. Chugh
          Oregon Health and Science University, Portland, OR, USA

16:30     COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL05 Plenary Session
NEW DEVELOPMENTS IN CARDIAC IMAGING

Chairpersons: S. Dalla-Volta, Padova, Italy
F.J. Pinto, Lisbon, Portugal

14:00 A COMPARISON BETWEEN CORONARY ANGIOGRAM AND MULTISLICE CT IN CORONARY ARTERY DISEASE. A STUDY OF 150 CASES (Invited Lecture)
P. Greco, S. Romano, M. Del-Borrello, S. Dalla-Volta, with technical collaboration of Luigi Baracchino
University of Padova Medical Center, Padova, Italy

14:15 ASSESSING LV FUNCTION BY ECHOCARDIOGRAPHY: THE CHALLENGE CONTINUES (Invited Lecture)
F.J. Pinto, Lisbon University, Lisbon, Portugal

14:30 CONCERNING CORONARY ARTERY CALCIUM (Invited Lecture)
E. Barrett-Connor, University of California, San Diego (UCSD), La Jolla, CA, USA

14:45 CORONARY ARTERY BYPASS GRAFTS AND CT ANGIOGRAPHY (Invited Lecture)
L. Kritharides, Concord Hospital, University of Sydney, Australia

15:00 REAL-TIME 3D ECHOCARDIOGRAPHY 2007 (Invited Lecture)
F.J. Ten Cate, Erasmus MC, Rotterdam, The Netherlands

15:15 MDCT OF CARDIOVASCULAR DISEASE: PRESENT STATUS & FUTURE PROSPECTS (Invited Lecture)
J. Lima, Johns Hopkins University, Baltimore, MD, USA

15:30 THE FUTURE OF STRESS PERFUSION IMAGING IN THE ERA OF CT (Invited Lecture)
R. Hachamovitch, University of Southern California, Los Angeles, CA, USA

15:45 REVASCULARIZATION IN LEFT VENTRICULAR SYSTOLIC DYSFUNCTION: THE ROLE OF VIABILITY TESTING (Invited Lecture)
P. Chareonthaitawee, Mayo Clinic and Mayo Clinic College of Medicine, Rochester, MN, USA

16:00 ECHOCARDIOGRAPHY OF THE SUPERIOR VENA CAVA (SVC): CURRENT STATUS 2007
R.N. Khouzam, D. Minderman, I.A. D'Cruz
University of Tennessee Health Science Center, Memphis, TN, USA

16:15 IMPROVED YIELD OF TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN STROKE PATIENTS IS MAINLY LIMITED TO AORTIC PLAQUE AND INTRACARDIAC SHUNT
D.M. Spevack, D. Malhotra, S. Doddamani, R.J. Ostfield, E. Altman, G.M. Gordon, Montefiore Medical Center, Bronx, NY, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 29, 2007

14:00 – 16:30

PL06 Plenary Session
INFLAMMATION AND ATHEROGENESIS

Chairpersons: J.G. Filep, Montreal, Canada
I. Jialal, Sacramento, CA, USA

14:00 INFLAMMATION, ATHEROSCLEROSIS AND THERAPEUTIC IMPLICATIONS (Invited Lecture)
R. Paoletti, University of Milan, Italy

14:15 C-REACTIVE PROTEIN PROMOTES AHEROTHROMBOSIS (Invited Lecture)
I. Jialal, UC Davis Medical Center, Sacramento CA, USA

14:30 DOES C-REACTIVE PROTEIN ORCHESTRATE INFLAMMATION IN ACUTE CORONARY ARTERY DISEASE? (Invited Lecture)
J.G. Filep, L. Jozsef, L.A. Potempa, T. Khreiss
Maisonneuve-Rosemont Hospital, University of Montreal, QC, Canada

14:45 THE INFLAMMATORY RESPONSE IN THE NEONATE AND ITS MANAGEMENT (Invited Lecture)
T.F. Feltes, Ohio State University, Columbus Children's Hospital, Columbus, OH, USA

15:00 IMMUNE RESPONSE TO OXLDL AND ITS IMPACT IN ATHEROSCLEROSIS (Invited Lecture)
X. Zhou, Karolinska Hospital, Stockholm, Sweden

15:15 MOLECULAR IMAGING OF ATHEROSCLEROTIC PLAQUE INFLAMMATION (Invited Lecture)
M. Aikawa, Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

15:30 PROSTANOIDS AND ISOPROSTANOIDS IN ATHEROGENESIS (Invited Lecture)
D. Pratico, University of Pennsylvania, Philadelphia, PA, USA

15:45 ORIGIN OF LOW-GRADE SYSTEMIC INFLAMMATION (Invited Lecture)
D. Aronson, Rambam Medical Center, Haifa, Israel

16:00 THE ROLE OF ANTIGEN-PRESENTING CELLS IN CARDIOVASCULAR DISEASE: A POTENTIAL THERAPEUTIC TARGET? (Invited Lecture)
A. Niessner, Medical University of Vienna, Austria

16:15 CYBA C242T GENE POLYMORPHISM IS ASSOCIATED WITH THE LEVEL OF C-REACTIVE-PROTEIN (CRP) IN A POPULATION OF YOUNG HEALTHY FINNS
M. Fan, O.T. Raitakari, M. Kahonen, M. Juonala, N. Hutri-Kahonen, J. Marniemi, J. Viikari, T. Lehtimaki, Tampere University Hospital and Medical School at the University of Tampere, Finland

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
Session
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

Chairpersons: S-O. Olofsson, Goteborg, Sweden
R.S. Rosenson, Ann Arbor, MI, USA

14:00 DOSE-DEPENDENT REDUCTIONS IN LDL-C WITH ISIS 301012, AN ANTISENSE INHIBITOR OF APOLIPOPROTEIN B

14:15 STATIN USE BEFORE AND AFTER STROKE ONSET IMPROVES OUTCOME OF ACUTE ISCHEMIC STROKE
M. Moonis, K. Kane, M. Fisher, UMass Medical Center, Worcester, MA, USA

14:30 GLOMERULAR FILTRATION RATE AT CARDIAC CATHETERIZATION PREDICTS FUTURE ADVERSE CARDIAC EVENTS
S.S. Brar, K. Ellini, V.J. Aharonian, P. Mansukhani, I.L. Liu, A.Y.J. Shen Kaiser Permanente Medical Center, Los Angeles, CA, USA

14:45 IMPACT OF ROUTINE IN-HOSPITAL ASSESSMENT OF LDL LEVELS AND LIPID LOWERING THERAPY IN PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTIONS
M. Ahmad, J-D.R. Schwalm, J.L. Velianou, M.K. Natarajan McMaster University and Hamilton Health Sciences, Hamilton, Ontario, Canada

15:00 RECURRENT ANGINA FOLLOWING REVASCULARIZATION
J.A. Kempf, S. Shetty, M.A. Nelson, M. Sweeney, CV Therapeutics, Palo Alto, CA, USA

15:15 BLUEBERRY-ENRICHED DIET PROTECTS HEART FROM ISCHEMIC DAMAGE
I. Ahmet, E. Spangler, B. Shukitt-Hale, J. Joseph, D.K. Ingram, M.I. Talan, National Institute on Aging, Baltimore, MD, USA

15:30 THE IMPACT OF SEXUAL THERAPY ON PATIENTS AFTER CARDIAC EVENTS PARTICIPATING IN MULTI-DISCIPLINARY CARDIAC REHABILITATION PROGRAM
J. Klein, R. Klein, E. Bar-on, R. Bebenishty, Shaare Zedek Medical Center, Jerusalem, Israel

15:45 COMPARATIVE EFFECT OF NITRATES AND TRIMETAZIDINE PLUS SILDENAFIL ON EXERCISE-INDUCED MYOCARDIAL ISCHEMIA. IMPLICATIONS FOR PATIENTS WITH ERECTILE DYSFUNCTION
G. Marazzi, C. Vitale, M. Miceli, G. Caminiti, L. Gatta, C. Mammi, M.Voltterrani, G. Rosano, IRCCS San Raffaele Roma, Italy

16:00 ACCURACY OF RATIO OF TRIGLYCERIDE TO HDL IN PREDICTING HDL PARTICLE SIZE IN ASIAN INDIANS
N.C. Bhaldokar, S. Blum, R. Singh, E.A. Enas, Albert Einstein College of Medicine, Bronx, NY, USA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Abstract No.</th>
<th>Hall</th>
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<tr>
<td>14:00</td>
<td>S52 (cont.)</td>
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<tr>
<td>16:15</td>
<td>INFLAMMATORY PROTEINS AND DEPRESSION AFTER CORONARY STENTING PREDICT MAJOR ADVERSE CORONARY EVENTS</td>
<td>147</td>
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<td><strong>L. Frazier, W.K. Vaughn, J.T. Willerson, C.M. Ballantyne, E. Boerwinkle</strong></td>
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<td>University of Texas at Houston, TX, USA</td>
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<td>16:30</td>
<td>A TEN AMINO ACID APOJ PEPTIDE THAT IS ANTI INFLAMMATORY AND PREVENTS ATHEROSCLEROSIS</td>
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<td><strong>L. Vakili, M. Navab, N. Kamranpour, G. Hough, A. Fogelman</strong></td>
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<td>University of California at Los Angeles, Los Angeles, CA, USA</td>
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<td>16:45</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
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<td>16:45</td>
<td>PL07 Plenary Session</td>
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<td>NEW CONCEPTS IN TRANSLATIONAL CARDIAC RESEARCH</td>
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<td><strong>R. Roberts</strong>, Ottawa, ON, Canada</td>
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<td>16:45</td>
<td>PURSUING GENES THAT CONTRIBUTE TO CORONARY ARTERY DISEASE – AN IDEA WHO’S TIME HAS COME (Invited Lecture)</td>
<td>150</td>
<td>A</td>
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<td><strong>R. Roberts</strong>, University of Ottawa Heart Institute, Ontario, Canada</td>
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<td>17:00</td>
<td>LIPOPROTEIN AUTOIMMUNITY AS A NOVEL TARGET FOR TREATMENT OF CARDIOVASCULAR DISEASE (Invited Lecture)</td>
<td>151</td>
<td>A</td>
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<td><strong>J. Nilsson</strong>, Lund University, Malmo, Sweden</td>
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<td>17:15</td>
<td>CLINICAL GENOMIC AND PROTEOMIC APPROACHES TO UNDERSTAND CARDIOVASCULAR DISEASE (Invited Lecture)</td>
<td>152</td>
<td>A</td>
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<td><strong>C. Patterson</strong>, University of North Carolina at Chapel Hill, NC, USA</td>
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<td>17:30</td>
<td>STRUCTURAL BIOLOGICAL APPROACH TO CARDIOVASCULAR DISEASE (Invited Lecture)</td>
<td>153</td>
<td>A</td>
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<td><strong>H. Mori</strong>, National Cardiovascular Center Research Institute, Suita, Osaka, Japan</td>
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<td>17:45</td>
<td>SELECTIVE NUCLEAR RECEPTOR MODULATION IN CARDIOMETABOLIC DISEASE (Invited Lecture)</td>
<td>154</td>
<td>A</td>
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<td><strong>U. Kintscher</strong>, Charite-Universitaetsmedizin Berlin, Germany</td>
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<td>18:00</td>
<td>COMPREHENSIVE APPROACHES FOR IDENTIFICATION OF SUSCEPTIBILITY GENES TO MYOCARDIAL INFARCTION (Invited Lecture)</td>
<td>155</td>
<td>A</td>
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<td><strong>M. Yokota</strong>, Aichi-Gakuin University, Nagoya, Japan</td>
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**SUNDAY, JULY 29, 2007**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Abstract No.</th>
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<tr>
<td>16:45 - 19:30</td>
<td>PL07 (cont.)</td>
<td>Hall A</td>
</tr>
<tr>
<td>18:15</td>
<td>PARALLELS BETWEEN THE NEURODEGENERATIVE AND CARDIOVASCULAR DISEASES (Invited Lecture)</td>
<td>156</td>
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<tr>
<td></td>
<td>J. Robbins, Cincinnati Children's Hospital, OH, USA</td>
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<tr>
<td>18:30</td>
<td>PHARMACOLOGICAL INHIBITION OF EPSILON PKC PREVENTS THE PROGRESSION OF HYPERTENSION-INDUCED HEART FAILURE IN RATS (Invited Lecture)</td>
<td>157</td>
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<td>K. Inagaki, T. Koyanagi, D. Mochly-Rosen, Stanford University School of Medicine, Stanford, CA, USA</td>
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<tr>
<td>18:45</td>
<td>SEX, AGE AND REGIONAL DIFFERENCES OF L-TYPE CALCIUM CHANNELS IN THE HEART (Invited Lecture)</td>
<td>158</td>
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<tr>
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<td>G. Salama, C. Sims, University of Pittsburgh, PA, USA</td>
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<tr>
<td>19:00</td>
<td>ENDOGENOUS SECRETORY RAGE: A POTENTIAL TARGET FOR CARDIOVASCULAR DISEASES AND METABOLIC SYNDROME (Invited Lecture)</td>
<td>159</td>
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<td>H. Koyama, H. Yamamoto, Y. Nishizawa, Osaka City University Graduate School of Medicine, Osaka, Japan</td>
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<tr>
<td>19:15</td>
<td>MOLECULAR IMAGING IN CARDIOVASCULAR DISEASES (Invited Lecture)</td>
<td>160</td>
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<td>E. Aikawa, Massachusetts General Hospital and Harvard Medical School, MA, USA</td>
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<tr>
<td>16:45 - 19:30</td>
<td>PL08 Plenary Session</td>
<td>Hall B</td>
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<td><strong>MODIFICATION OF RISK FACTORS AND CAD, DYSLIPOPROTEINEMIA, HYPERTENSION, DIABETES MELLITUS AND METABOLIC SYNDROME</strong></td>
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<td>Chairpersons:</td>
<td>H. Boudoulas, Athens, Greece</td>
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<td>C. Rosendorff, Bronx, NY, USA</td>
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<td>16:45</td>
<td>HOW LOW IS TOO LOW? IS THERE A LIMIT TO BLOOD PRESSURE LOWERING? (Invited Lecture)</td>
<td>161</td>
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<td>C. Rosendorff, Mount Sinai School of Medicine and the J.J. Peters VA Medical Center, New York, NY, USA</td>
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<td>17:00</td>
<td>ASSOCIATION BETWEEN GLYCOSYLATED HEMOGLOBIN, LEFT VENTRICULAR MASS AND AORTIC FUNCTION IN NON DIABETIC INDIVIDUALS WITH INSULIN RESISTANCE (Invited Lecture)</td>
<td>162</td>
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<td>H. Boudoulas, Biomedical Research Foundation, Academy of Athens, Greece</td>
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<tr>
<td>17:15</td>
<td>VASCULAR SIGNALING IN HYPERTENSION - CURRENT CONCEPTS AND FUTURE DIRECTIONS (Invited Lecture)</td>
<td>163</td>
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<td>R.M. Touyz, Ottawa Health Research Institute, University of Ottawa, Ottawa, ON, Canada</td>
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## Sunday, July 29, 2007

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<th>Time</th>
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<tr>
<td>16:45</td>
<td>164</td>
<td>IMPACT OF METABOLIC SYNDROME ON LEFT VENTRICULAR MASS AND GEOMETRY IN YOUNG ADULTS: THE BOGALUSA HEART STUDY (Invited Lecture)</td>
<td>D.A. Patel, S.R. Srinivasan, W. Chen, E. McIlwain, G.S. Berenson, Tulane Center for Cardiovascular Health, Tulane University, New Orleans, LA, USA</td>
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<tr>
<td>17:00</td>
<td>165</td>
<td>LIPID STORAGE IN CELLS: MECHANISM AND IMPLICATIONS FOR CARDIOVASCULAR DISEASES (Invited Lecture)</td>
<td>S.O. Olofsson, Department of Medicine, Goeteborg, Sweden</td>
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<tr>
<td>17:45</td>
<td>166</td>
<td>BENEFITS OF TIGHT GLYCEMIC CONTROL DURING CORONARY REVASCULARIZATION (Invited Lecture)</td>
<td>H.L. Lazar, Boston Medical Center, MA, USA</td>
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<tr>
<td>18:00</td>
<td>167</td>
<td>METABOLIC SYNDROME, SUBCLINICAL ATHEROSCLEROSIS AND CARDIOVASCULAR RISK (Invited Lecture)</td>
<td>N.D. Wong, University of California, Irvine, CA, USA</td>
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<td>18:15</td>
<td>168</td>
<td>TARGETING LIPOPROTEIN SUBCLASS ABNORMALITIES IN THE METABOLIC SYNDROME: NEW OPPORTUNITIES FOR CARDIOVASCULAR RISK REDUCTION (Invited Lecture)</td>
<td>R.S. Rosenson, University of Michigan, Ann Arbor, MI, USA</td>
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<tr>
<td>18:45</td>
<td>169</td>
<td>AGGRESSIVE LIPID MANAGEMENT: LDL APHERESIS (Invited Lecture)</td>
<td>D. Polk, Division of Cardiology Cedars-Sinai Medical Center, Los Angeles, CA, USA</td>
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<tr>
<td>19:00</td>
<td>170</td>
<td>CLINICAL GUIDELINES FOR THE PRIMARY PREVENTION OF HYPERTENSION: CAN WE DO MORE? (Invited Lecture)</td>
<td>H.D. Sesso, Brigham and Women's Hospital, Boston, MA, USA</td>
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<td>19:15</td>
<td>172</td>
<td>MEDITERRANEAN DIET AND CORONARY HEART DISEASE, IS OBESITY A LINK? (Invited Lecture)</td>
<td>D.B. Panagiotakos, Harokopio University of Athens, Greece</td>
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SUNDAY, JULY 29, 2007

16:45 - 19:30

S53 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE, PULMONARY CIRCULATION ASPECTS

Chairpersons: T. Force, Philadelphia, PA, USA
B.I. Jugdutt, Edmonton, Alberta, Canada

16:45 PULMONARY ARTERIAL HYPERTENSION (PAH) IN MICE LACKING THE VASOACTIVE INTESTINAL PEPTIDE (VIP) GENE

17:00 THE EFFECT OF INHALED MILRINONE ON PULMONARY HYPERTENSION IN PATIENTS UNDERGOING CARDIAC SURGERY, A PILOT RANDOMIZED STUDY
A.Y. Denault, F. Haddad, Y. Lamarche, P. Couture, J.C. Tardif, L. Perrault Montreal Heart Institute, Montreal, Quebec, Canada

17:15 SINUS TACHYCARDIA PREDICTS INCREASED MORTALITY IN CHRONICALLY TREATED HEART FAILURE PATIENTS

17:30 REDUCTION OF GAP JUNCTION PROTEINS AND INTERCALATED DISC STRUCTURAL REMODELING IN THE HEARTS OF MICE SUBMITTED TO SEPSIS
M.R. Nunes-Celes, D. Tores-Dueñas, F.Q. Cunha, M.A. Rossi, University of São Paulo, Ribeirão Preto, São Paulo, Brazil

17:45 STATINS AND WHITE BLOOD CELL COUNT PREDICT MORTALITY IN PATIENTS WITH ISCHEMIC LEFT VENTRICULAR DYSFUNCTION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION
M.J. Lipinski, A. Abbate, M.J. Cowley, E. Goudreau, W.N. Malloy, G.W. Vetrovec. University of Virginia Health System and Virginia Commonwealth University Health System, VA, USA

18:00 “SHIFT”: HEART RATE SLOWING FOR HEART FAILURE
J.S. Borer, Weill Medical College of Cornell University, New York, NY, USA

18:15 THE EFFECT OF HEMODIALYSIS SESSION ON P WAVE DISPERSION IN PATIENTS WITH CHRONIC HEMODIALYSIS
B. Ozben, M. Sumerkan, S.U. Kefeli, A.S. Fak, A.Toprak, M. Koc, N. Papila, M.A. Tanrikulu, A.O. Baykan, A.A. Cincin Marmara University Faculty of Medicine, Istanbul, Turkey

18:30 RESULTS OF RADICAL RESECTION OF PRIMARY MAIN PULMONARY ARTERY SARCOMA

18:45 PROGNOSTIC VALUE OF PACING-INDUCED MECHANICAL ALTERNANS IN PATIENTS WITH MILD TO MODERATE IDIOPATHIC DILATED CARDIOMYOPATHY IN SINUS RHYTHM
A. Hirashiki, H. Izawa, T. Murohara, M. Yokota, Nagoya University Graduate School of Medicine, Nagoya, Japan
16:45 - 19:30 S53 (cont.) Hall C

19:00 FABRY’S DISEASE: CORONARY SMALL VESSEL OBSTRUCTION AS A CAUSE OF MYOCARDIAL ISCHEMIA AND DISEASE PROGRESSION
C. Chimenti, E. Morgante, G. Tanzili, R. Verardo, F. Toscano, C. Gaudio, M.A. Russo, A. Frustaci, La Sapienza University, Rome, Italy

19:15 THE PREVALENCE, CLINICAL CHARACTERISTICS, AND PROGNOSIS OF 519 ELDERLY PATIENTS WITH HEART FAILURE AND PRESERVED SYSTOLIC FUNCTION. A CLINICAL STUDY WITH A 5 YEARS FOLLOW-UP PERIOD

16:45 - 19:30 S54 Session INTERVENTIONAL CARDIOLOGY

Chairpersons: V. Mathew, Rochester, MN, USA
H. Mudra, Munchen, Germany

16:45 REDUCTION OF MYOINTIMAL HYPERPLASIA AFTER ARTERIAL ANASTOMOSIS BY LOCAL INJECTION OF TGF BETA 3
J. Ghosh, M.S. Baguneid, M.O. Murphy, N. Khwaja, N. Turner, A. Halka, A. Carter, M.W. Ferguson, C.M. Kielty, M.G. Walker
Manchester Royal Infirmary, UK

17:00 EFFICACY AND SAFETY OF DOUBLE AND TRIPLE ANTIPLATELET THERAPY IN NON ST ELEVATION MYOCARDIAL INFARCTION
J.A. Marin-Neto, G.B. Marin, W.J. Rogers
University of Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil

17:15 RENAL TOXICITY EVALUATION AND COMPARISON BETWEEN IODIXANOL AND HEXABRIX IN PATIENTS WITH RENAL INSUFFICIENCY UNDERGOING CORONARY ANGIOGRAPHY-THE RECOVER STUDY: A RANDOMIZED CONTROLLED TRIAL
Hallym University Sacred Heart Hospital, Gyeonggi-do, Korea

17:30 THE NORDIC BIFURCATION STUDY, 14 MONTHS DATA
University Hospital of Northern Norway, Tromsoe, Norway

17:45 RENAL ANGIOPLASTY AND STENTING UNDER EMBOLIC PROTECTION DEVICES. A MUST?
M. Henry, A. Polydorou, I. Henry, A. Polydorou, M. Hugel, Cabinet de Cardiologie, Nancy, France

18:00 ENDOVASCULAR THERAPY OF CHRONIC MESENTERIC ISCHAEMIA
A.G. Daige, R.G. Wanderley, R.B. Favero, L.E. Pereira, I.S. Nunes, L.Z. Kanashiro, Santa Casa, Campo Grande, MS, Brazil
SUNDAY, JULY 29, 2007

16:45 - 19:30  S54 (cont.)  Hall D

Abstract No.

18:15  BOTH SIDES CORONARY ANGIOGRAPHY AND INTERVENTION USING A SINGLE TRANSRADIAL GUIDING CATHETER
A.A. Yousef, Y.K. Hsieh, C.I. Cheng, C.J. Wu
Suez Canal University Hospital, Ismailia, Egypt

18:30  MID-TERM COMPARISON BETWEEN DRUG ELUTING STENTS (DES) AND SURGICAL TREATMENT OF PATIENTS WITH DIABETES MELLITUS
Y. Ben-Gal, B. Medalion, Y. Moshkovitz, I. Herz, N. Hansson, G. Uretzky, R. Mohr, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

18:45  SAFETY AND EFFICACY OF TRIPLE ANTIPLATELET PHARMACOTHERAPY INCLUDING GLYCOPROTEIN IIB/IIIA RECEPTOR BLOCKERS IN ELDERLY PATIENTS RECEIVING DRUG-ELUTING STENTS
V.N. Singh, R.K. Sharma, M. Nelson
University of South Florida College of Medicine, Tampa, FL, USA

19:00  ARE DRUG ELUTING STENTS SAFE IN THE ELDERLY?
M. Behan, G. Dixon, L. Blows, N. Pareek, D. Hildick-Smith, S. Holmberg, A. deBelder, Sussex Cardiac Centre, Brighton, Sussex, UK

19:15  PRIMARY AND RESCUE PERCUTANEOUS CORONARY INTERVENTION WITH PACLITAXEL-ELUTING STENT IMPLANTATION IN ST-ELEVATION MYOCARDIAL INFARCTION
J.D. Schwalm, M. Ahmad, J.L. Velianou, C. Xie, M.K. Natarajan
McMaster University, Hamilton General Hospital, Hamilton, ON, Canada
SUNDAY, JULY 29, 2007

14:00 – 18:00 Poster Hall

P201 Poster Session
VASCULAR BIOLOGY, BASIC RESEARCH I

Board No. Abstract No.
1 195
CHRONIC CILOSTAZOL THERAPY ATTENUATES MONOCROTALINE-INDUCED PULMONARY ARTERIAL HYPERTENSION IN RAT MODEL

2 196
ROLE OF HYDROGEN SULPHIDE IN ISCHEMIC DISEASE: POSSIBLE INTERACTIONS WITH CARBON MONOXIDE
Y.Y. Loke, Y.Z. Zhu, National University of Singapore, Singapore

3 197
SUSTAINED STATIC PRESSURE STIMULATES PROLIFERATION OF SMOOTH MUSCLE CELL VIA THE CAVEOLIN-1/EXTRACELLULAR SIGNAL-REGULATED KINASE PATHWAY

4 198
CAFFEINE POTENTIATES ENDOTHELIAL TISSUE FACTOR EXPRESSION THROUGH INHIBITION OF S6K PHOSPHORYLATION
C. Gebhard, G.G. Camici, A. Akhmedov, B. von Rickenbach, S.F. Stampfl, T.F. Luscher, F.C. Tanner, University of Zurich, Switzerland

5 199
VKORCA HAPLOTYPES ARE ASSOCIATED WITH ARTERIAL VASCULAR DISEASES
R. Hui, Y. Wang, Sino-German Laboratory for Molecular Medicine, Cardiovascular Institute & Fuwai Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China

6 200
RELEASE OF CALCITONIN GENE-RELATED PEPTIDE FROM THE JUGULAR-NODOSE GANGLION COMPLEX IN RATS
T. Strecker, A. Dieterle, M. Weyand, K. Messlinger, S. Koulchitsky Center of Cardiac Surgery, Friedrich-Alexander-University of Erlangen-Nuremberg, Germany

7 201
ENDOTHELIN RECEPTOR ANTAGONIST CPU0213 INHIBITS ISOPROTERENOL OR H2O2 INDUCED ABNORMAL EXPRESSION OF CA2+ HANDLING SYSTEM IN NEONATAL CARDIOMYOCYTES
N. Jia, D-Z. Dai, N. Li, Y. Dai, China Pharmaceutical University, Nanjing, China

8 202
NON-INVASIVELY MEASURED AORTIC PULSE WAVE VELOCITY FOR DETECTION OF OBSTRUCTIVE CORONARY ARTERY DISEASE
J. Maddury, A. Madhavapeddi, M. Ram Nizam’s Institute of Medical Sciences, AP, India

9 203
ROLE OF THE PEROXYNITRITE-POLY(ADP-RIbose) POLYMERASE PATHWAY IN THE PATHOGENESIS OF RESTENOSIS
G.B. Szabo, University of Heidelberg, Germany

10 204
DAXX MEDIATES APOPTOSIS OF RAW264.7 CELLS INDUCED BY OXIDIZED LOW DENSITY LIPOPROTEIN
Q.Z. He, D.F. Liao, Nanhua University, Hengyang, Hunan, China
<table>
<thead>
<tr>
<th>Board No.</th>
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<tbody>
<tr>
<td>11</td>
<td>205</td>
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**SUNDAY, JULY 29, 2007**

**14:00 – 18:00**

**P201 (cont.)**

**Poster Session**

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

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>11</td>
<td>ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH CORONARY SLOW FLOW</td>
<td><strong>M. Gokce</strong>, S. Kaplan, A. Orem, T. Erdogan, M. Kucukosmanoglu</td>
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<td>Karadeniz Technical University, Faculty of Medicine, Trabzon, Turkey</td>
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<td>12</td>
<td>PROINFLAMMATORY GENETIC PROFILES IN SUBJECTS WITH HISTORY OF ISCHEMIC STROKE</td>
<td><strong>A. Flex</strong>, E. Gaetani, G. Straface, F. Biscetti, F. Angelini, G. Pecorini, P. Pola, <strong>R. Pola</strong>, Laboratory of Vascular Biology and Genetics, Rome, Italy</td>
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</tbody>
</table>

**P202**

**Poster Session**

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

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>GLUCOSE-INSULIN INFUSION IMPROVES CARDIAC FUNCTION DURING FETAL TACHYCARDIA</td>
<td><strong>M.R. Schmidt</strong>, S.B. Kristiansen, P. White, M. Smerup, H.E. Botker, M. Vogel, V. Hjortdal, K.E. Sorensen, A. Redington, Aarhus University Hospital, Denmark</td>
</tr>
<tr>
<td>14</td>
<td>DO PARENTAL RATINGS ON COGNITION REFLECT NEUROPSYCHOLOGICAL OUTCOME IN CONGENITAL HEART DISEASE?</td>
<td><strong>M. Miatton</strong>, D. De Wolf, K. Francois, E. Thiery, G. Vingerhoets Ghent University, Ghent, Belgium</td>
</tr>
<tr>
<td>15</td>
<td>INTELLECTUAL, NEUROPSYCHOLOGICAL, AND BEHAVIORAL FUNCTIONING IN CHILDREN WITH TETRALOGY OF FALLOT</td>
<td><strong>M. Miatton</strong>, D. De Wolf, K. Francois, E. Thiery, G. Vingerhoets Ghent University, Ghent, Belgium</td>
</tr>
<tr>
<td>17</td>
<td>A NOVEL AORTIC ARCH RECONSTRUCTION METHOD FOR SINGLE VENTRICLE WITH SYSTEMIC OUTFLOW AND ARCH OBSTRUCTION</td>
<td><strong>Y. Naito</strong>, Y. Harada, S. Uchita, K. Takizawa, G. Satomi, S. Yasukochi, H. Matsui, Nagano Children's Hospital, Azumino-shi, Nagano, Japan</td>
</tr>
<tr>
<td>18</td>
<td>EFFECTS OF PREOPERATIVE STATIN THERAPY ON SYSTEMIC INFLAMMATORY RESPONSE AFTER CARDIAC SURGERY</td>
<td><strong>J. Rubio</strong>, <strong>J. Martinez</strong>, J. Sierra, B. Adrio, J. Garcia University Hospital, Santiago de Compostela, Spain</td>
</tr>
<tr>
<td>19</td>
<td>P-SELECTIN EXPRESSION AND GPIIb/IIa POLYMORPHISM IN CONGENITAL CYANOTIC HEART DISEASE: RELEVANCE TO PALLIATIVE SYSTEMIC-PULMONARY SHUNT AND HAEMOSTATIC PARAMETERS</td>
<td><strong>F.M. Gomaa</strong>, H.G. Metwaly, S.S. Elsoda, Cairo University, Egypt</td>
</tr>
<tr>
<td>20</td>
<td>PERCUTANEOUS CLOSURE OF THE SECUNDUM ATRIAL SEPTAL DEFECT IN ELDERLY PATIENTS</td>
<td><strong>S. Yalonetsky</strong>, A. Lorber, <strong>A. Khoury</strong>, Rambam Medical Center, Pediatric Cardiology &amp; GUCH, Haifa, Israel</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 29, 2007

14:00 – 18:00

P202 (cont.)

Poster Hall

Board No. Abstract No.

21 CHRONIC PULMONARY THROMBOEMBOLISM IN A PATIENT WITH A FONTAN CIRCULATION: PERCUTANEOUS MANAGEMENT
P. Dehghani, N. Collins, L. Benson, University Health Network, Adult Congenital Heart Center, Toronto, Ontario, Canada

22 TRANSCATHETER CLOSURE OF LEFT SIDED SUPERIOR VENA CAVA DRAINING INTO LEFT ATRIUM
P. Dehghani, L. Benson, E. Horlick, University Health Network, Adult Congenital Heart Program, Toronto, Ontario, Canada

P203 Poster Session

LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC CARDIOMYOPATHY

23 EVALUATION OF THE RIGHT VENTRICULAR FUNCTION BY STRAIN IN HYPERTROPHIC CARDIOMYOPATHY AFTER SEPTAL ABLATION
D. Zemanek, J. Veselka, P. Tomasov, M. Sedlakova, K. Linhartotova University Hospital Motol, Prague, Czech Republic

24 ACUTE EFFECTS OF CAFFEINE ON RIGHT AND LEFT DIASTOLIC FUNCTION
M.L. Sabas, M.N. Almajar, A.H.P. Bautista, R.E. Ramboyong, E.J.F. Ramos, E.S. Tucay
The Medical City Hospital, Pasig City, Philippines

25 CORONARY BLOOD FLOW IN LEFT ARTERIAL DESCENDING ARTERY AND INTRAMYOCARDIAL ARTERY IN PATIENTS WITH ASYMMETRIC LEFT VENTRICULAR HYPERTROPHY
E.N. Pavlyukova, A.A. Aksenova, R.S. Karpov, Institute of Cardiology, Tomsk, Russia

26 SPIRONOLACTONE IMPROVES DIASTOLIC FUNCTION IN THE ELDERLY
C. Roongsritong, P. Sutthiwan, J. Bradley, J. Simoni, S. Power, G.E. Meyerrose, Texas Tech University HSC, Lubbock, TX, USA

27 VARIED EXPRESSION OF CONNEXIN43 AND FKBP12.6 BETWEEN LEFT AND RIGHT VENTRICLE CONTRIBUTES TO REPERFUSION DISPERSION IN ISOPROTERENOL STIMULATED RAT HEARTS
X.Y. Tang, D.Z. Dai, Y. Dai, China Pharmaceutical University, Nanjing, China

28 PERCUTANEOUS SEPTAL ABLATION WITH ABSORBABLE GELATIN SPONGE IN HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY
G. Llamas-Esperon, S. Sandoval-Navarrete, R. Munoz-Sandoval
Hospital Cardiologica Aguascalientes, Aguascalientes, Mexico

29 ANALYSIS OF THE ELECTROCARDIOGRAPHIC CRITERIA IN DETERMINING LEFT VENTRICULAR HYPERTROPHY AMONG FILIPINO PATIENTS
A.R. Uy, J.S. Tuason, C.M. Banez, E.S. Caguioa, The Heart Station University of Santo Tomas Hospital, Sampaloc, Manila, Philippines
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
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<tbody>
<tr>
<td>30</td>
<td>224</td>
<td>PREDICTORS OF CONGESTIVE HEART FAILURE IN PATIENTS ON MAINTENANCE HEMODIALYSIS</td>
<td>S. Ito, M. Sugiura, T. Yoshida, S. Murai, Nagoya City Moriyama Municipal Hospital, Aichi, Japan</td>
<td>Yokohama City University, Japan</td>
</tr>
<tr>
<td>31</td>
<td>225</td>
<td>RISK FACTOR, PROGNOSTIC PREDICTOR AND PROGNOSIS OF HEART FAILURE WITH PRESERVED SYSTOLIC FUNCTION IN JAPAN</td>
<td>K. Uchino, T. Ishigami, T. Sugano, H. Ogawa, Y. Yamakawa, Y. Matsushita, K. Matsumoto, T. Ishikawa, K. Kimura, S. Umemura</td>
<td>Yokohama City University, Japan</td>
</tr>
<tr>
<td>33</td>
<td>227</td>
<td>BNP CHANGES AND QTC PROLONGATION DURING EXERCISE TEST IN PATIENTS WITH CORONARY HEART DISEASE</td>
<td>R. Grybauskiene, D. Karciauskaite, Z. Bertasiene, G. Urbonaviciene, P. Grybauskas, J. Janenaitė, I. Milvidaitė, I. Bluzaite, Kaunas University of Medicine, Lithuania</td>
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<tr>
<td>34</td>
<td>228</td>
<td>STROKE AFTER CARDIAC RESYNCHRONIZATION THERAPY IN PATIENTS WITH HEART FAILURE</td>
<td>N. Kedia, A. Rassi, N. Vora, University of Arizona: Sarver Heart Center, Tucson, AZ, USA</td>
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<tr>
<td>35</td>
<td>229</td>
<td>COMPARISON OF THE EFFECT OF ANEMIA ON IN-HOSPITAL MORTALITY IN PATIENTS WITH VS-WITHOUT PRESERVED LEFT VENTRICULAR EJECTION FRACTION</td>
<td>A.L. Latado, L.C.S. Passos, E.S. Darze, A.A. Lopes</td>
<td>Federal University of Bahia, Salvador, BA, Brazil</td>
</tr>
<tr>
<td>37</td>
<td>231</td>
<td>IN ABSENCE OF PRIMARY ANGIOPLASTY, INTRA-AORTIC BALLOON COUNTERPULSATION PLUS REVASULARIZATION IS BEST FOR MYOCARDIAL INFARCTION AND SHOCK</td>
<td>S.G. Drakos, J. Kanakakis, M. Bonios, J. Terrovitis, A. Ntalianis, J. Venetsanakos, N. Lazaris, E.I. Charitos, E. Tsagalou, M. Anastasiou-Nana</td>
<td>University of Athens Medical School, Athens, Greece</td>
</tr>
<tr>
<td>38</td>
<td>232</td>
<td>PITAVASTATIN IMPROVES CARDIAC FUNCTION IN HEART FAILURE WITH OR WITHOUT ISCHEMIC ORIGINS</td>
<td>T. Toyo-oka, T. Aoyagi, T. Tomaru, F. Nakamura</td>
<td>Tokyo University Hospital &amp; TUBERO, Sendai, Japan</td>
</tr>
<tr>
<td>39</td>
<td>233</td>
<td>LEFT VENTRICULAR REMODELLING AND CYTOKINES IN CHRONIC HEART FAILURE</td>
<td>N.N. Kipshidze, T.V. Talakadze, N. Bregvadze, Z. Kipiani, S. Tabagari</td>
<td>National Center of Therapy, Tbilisi, Georgia</td>
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<td>40</td>
<td>METABOLIC SYNDROME IMPAIRS BENEFITS OF INTENSIVE LIPID ALTERING THERAPY ON CAROTID ATHEROSCLEROSIS</td>
<td>B.A. Phan, A. Moore, C. Challender, X.Q. Zhao University of Washington, Seattle, WA, USA</td>
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<tr>
<td>41</td>
<td>THE EFFECTS OF CHROMIUM SUPPLEMENTATION ON QTC INTERVAL IN PATIENTS WITH TYPE 2 DIABETES</td>
<td>M. Vrtovec, B. Vrtovec, A. Briski, A. Kocijančič, R.A. Anderson, B. Radovancevic Ljubljana University Medical Center, Ljubljana, Slovenia</td>
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<td>43</td>
<td>OBESITY EXACERBATES THE NEGATIVE HRQL IMPACT OF CARDIOVASCULAR RISK FACTORS</td>
<td>P.W. Sullivan, R. Ben-Joseph, V.H. Ghushchyan University of Colorado at Denver and Health Sciences Center, Denver, CO, USA</td>
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<tr>
<td>44</td>
<td>METABOLIC SYNDROME AND SERUM MAGNESIUM LEVEL RELATIONSHIPS WITH TRADITIONAL CARDIOVASCULAR RISK FACTORS AND WITH INFLAMMATION IN ROMANIAN SUBJECTS</td>
<td>I.A. Gutiu, I.I. Gutiu, C. Zeana University of Medicine and Pharmacy &quot;Carol Davila&quot;, Bucharest, Romania</td>
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<td>45</td>
<td>EFFECT OF GRAPE SEED EXTRACT ON BLOOD PRESSURE IN PATIENTS WITH THE METABOLIC SYNDROME</td>
<td>B. Siva, I. Edirisinghe, T. Kappagoda University of California, Davis, CA, USA</td>
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<tr>
<td>46</td>
<td>REDUCING CARDIO-METABOLIC RISK WITH TESTOSTERONE REPLACEMENT THERAPY (TRT) – A RANDOMISED PLACEBO CONTROLLED TRIAL OF TRT IN HYPOGONADAL MEN WITH TYPE 2 DIABETES MELLITUS (DM) OR METABOLIC SYNDROME (MS) – THE TIMES2 STUDY</td>
<td>K. Channer, H. Jones Royal Hallamshire Hospital, Sheffield, UK</td>
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<tr>
<td>47</td>
<td>PREVALENCE OF METABOLIC SYNDROME ACCORDING TO THE ATP III, WHO AND THE IDF DEFINITIONS IN IRANIAN OLDER POPULATION</td>
<td>A. Zabetian, F. Hadaegh, N. Saadat, M. Tohidí, S. Moini Shaheed Beheshti Medical University, Tehran, Iran</td>
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<tr>
<td>48</td>
<td>MICRORNA EXPRESSION PROFILE DURING THE DIFFERENTIATION FROM 3T3-L1 CELLS INTO ADIPOCYTE</td>
<td>H.Y. Ling, H.S. Ou, X.Y. Lei, B.Y. Zhu, W.D. Yin, D.F. Liao University of South China, Hengyang, Hunan, China</td>
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<tr>
<td>49</td>
<td>MICRORNA EXPRESSION PROFILE DURING THE DIFFERENTIATION FROM RAT MESENCHYMAL STEM CELLS INTO ADIPOCYTE</td>
<td>H.Y. Ling, H.S. Ou, X.Y. Lei, B.Y. Zhu, W.D. Yin, D.F. Liao University of South China, Hengyang, Hunan, China</td>
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SUNDAY, JULY 29, 2007

14:00 – 18:00 P205 (cont.) Poster Hall

Board No. Abstract No.

50 ALTERATION OF ATP BINDING CASSETTE TRANSPORTER A1 AND LIVER X RECEPTOR ALFA EXPRESSION IN DIABETIC MINIPIGS
Nanhua University, Hengyang, Hunan, China

51 METABOLIC SYNDROME AND ITS COMPONENTS AND THE CARDIOVASCULAR RISK ASSOCIATED WITH ANGIOGRAPHIC CORONARY ARTERY DISEASE
R.C. Sarmiento, R.E. Ramboyyong, The Medical City Hospital, Pasig City, Philippines

P206 Poster Session
NEUROHUMORAL, IMMUNOLOGIC AND CYTOKINE ASPECTS OF HEART FAILURE

52 VITAL EXHAUSTION IS ASSOCIATED WITH INCREASED LEVELS OF TNF-ALPHA SOLUBLE RECEPTOR 1 IN CHRONIC HEART FAILURE
O.R.F. Smith, M. Kwajitaal, H. Hooijkaas, J.B. Winter, S.S. Pedersen
Tilburg University, Tilburg, The Netherlands

53 IS ABSOLUTE NEUTROPHILIA A PREDICTOR FOR EARLY CONGESTIVE HEART FAILURE AFTER ACUTE MYOCARDIAL INFARCTION?
F. Rashidi, A. Rashidi, A. Golmohamadi, E. Hoseinzadeh, B. Mohammadi, H. Mirzajani, M. Kheiri, P. Jamshidi, Zanjan University of Medical Sciences, Zanjan, Iran

54 UNEXPLAINED SYNCPE IN IDIOPATHIC DILATED CARDIOMYOPATHY
A. Kostopoulou, E. Livanis, N. Aggelopoulou, S. Adamopoulos, G. Theodorakis, Onassis Cardiac Surgery Center, Greece

P207 Poster Session
NITRIC OXIDE AND NITRIC OXIDE SYNTHASE IN HEART FAILURE

55 PREDICTORS OF AORTICATHEROMA BURDEN ON TRANSESOPHAGEAL ECHOCARDIOGRAPHY: CLINICAL IMPLICATIONS FOR THROMBOEMBOLIC WORKUP
J. Cavalcante, M. Al-Mallah, E. Garcia-Sayan, J. Chattahi, M. Arida, K. Ananthasubramanian, Henry Ford Heart & Vascular Institute, USA

56 DEFICIENCY IN NEURONAL NITRIC OXIDE SYNTHASE INCREASES MYOCARDIAL APOPTOSIS POST MYOCARDIAL INFARCTION IN MICE
X. Lu, M. Lei, F. Xiang, Q. Feng, University of Western Ontario, London, Ontario, Canada

57 HEMODYNAMIC EFFECTS OF INTRAVENOUS NITROGLYCERINE IN ACUTE DECOMPENSATED CONGESTIVE HEART FAILURE: A META-ANALYSIS
N.B. Jalandhara, J. Molnar, R.R. Arora
North Chicago VA Medical Center, North Chicago, IL, USA
<table>
<thead>
<tr>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>252</td>
<td>CARDIAC TOXICITY INDUCED BY CONCURRENT ADMINISTRATION OF ACETYLSALICYLIC ACID AND A NITRIC OXIDE SYNTHASE INHIBITOR IN RATS</td>
<td>E.M. Ammar, T.M. Ibrahim, G.S. Ghaly, Mansoura University, Egypt</td>
</tr>
<tr>
<td>253</td>
<td>ENDOTHELIN RECEPTOR ANTAGONIST CPU0213 INHIBITS ISOPROTERENOL OR H2O2 INDUCED ABNORMAL EXPRESSION OF CA2+ HANDLING SYSTEM IN NEONATAL CARDIOMYOCYTES</td>
<td>N. Jia, D.Z. Dai, N. Li, Y. Dai, China Pharmaceutical University, Nanjing, China</td>
</tr>
<tr>
<td>254</td>
<td>CHANGES OF PULMONARY VEIN FLOW DUE TO PULMONARY EMBOLISM</td>
<td>M. Palinsky, J. Petrovicova, P. Mitro, M. Szakacs, R. Tkacova, III.Medical Clinic Teaching Hospital L. Pasteura Kosice, SK EU, Slovak Republic</td>
</tr>
<tr>
<td>255</td>
<td>D-RIBOSE/FOLIC ACID AIDS RIGHT VENTRICULAR DIASTOLIC FUNCTION IN INDUCED PULMONARY HYPERTENSION</td>
<td>R.R. Lamberts, E. Caldenhoven, M. Lansink, G. Witte, J.A. St.Cyr, G.J.M. Stienen, Vrije Universiteit Medical Center Amsterdam, Amsterdam, The Netherlands</td>
</tr>
<tr>
<td>256</td>
<td>THE FIRST RUSSIAN PILOT TRIAL-SILDENAFIL IN PATIENTS WITH RISK FACTORS OF CARDIORESPIRATORY PATHOLOGY</td>
<td>V. Baksheev, N. Kolomoets, G. Tursunova, The State Institute of Improvement of Doctors, Moscow, Russia</td>
</tr>
</tbody>
</table>
MONDAY, JULY 30, 2007

08:30 – 11:00

Hall A

PL09: Plenary Session

DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES

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

Abstract No.

08:30 MECHANISMS OF HIV-ASSOCIATED CARDIOVASCULAR DISEASE
(Invited Lecture)
C. Chen, X. Wang, Q. Yao, Baylor College of Medicine, Houston, TX, USA

08:45 ALCOHOL AND CARDIOVASCULAR DISEASE: 2007 UPDATE
(Invited Lecture)
A. Klatsky, Kaiser Permanente Medical Care Program, Oakland, CA, USA

09:00 WHAT ARE THE NEW CANCER THERAPEUTICS DOING TO THE HEART?
(Invited Lecture)
T. Force, Jefferson Medical College, Philadelphia, PA, USA

09:15 PERIPARTUM CARDIOMYOPATHY IN THE U.S.: DEFINITION, CLINICAL PRESENTATION AND POTENTIAL MECHANISMS
(Invited Lecture)
U. Elkayam, LAC+USC Medical Center, Los Angeles, CA, USA

09:30 OBESITY AND CONGESTIVE HEART FAILURE
(Invited Lecture)
M.A. Alpert, St. John's Mercy Medical Center, St. Louis, MO, USA

09:45 MYOCARDIAL STRUCTURAL CHANGES IN LONG-TERM HUMAN SEVERE SEPSIS/SEPTIC SHOCK MAY BE RESPONSIBLE FOR CARDIAC DYSFUNCTION
(Invited Lecture)
M.A. Rossi, M.R. Nunes-Celes, C.M. Prado, F.P. Saggioro
University of São Paulo, Ribeirão Preto, São Paulo, Brazil

10:00 DO VARIATIONS IN THE INNATE IMMUNE RESPONSE ALTER SUSCEPTIBILITY TO VIRAL MYOCARDITIS?
(Invited Lecture)
N.E. Bowles, University of Utah School of Medicine, Salt Lake City, UT, USA

10:15 SOME MARKERS OF INFLAMMATION AND OXIDATIVE STRESS IN DILATED CARDIOMYOPATHY
(Invited Lecture)
N.N. Kipshidze, National Center of Therapy, Tbilisi, Georgia

10:30 NON-INVASIVE IN VIVO MEASUREMENT OF SKELETAL MUSCLE OXYGEN CONSUMPTION IN CHRONIC HEART FAILURE
K. Abozguia, G. Nallur Shiva, T.T. Phan, M.P. Frenneaux
University of Birmingham, UK

10:45 NEW INTERVENTIONS IN THE TREATMENT OF CARDIOMYOPATHY RELATED TO IRON-OVERLOAD
(Invited Lecture)
M.G. Trivieri, G. Oudit, P.H. Backx, University Health Network, University of Toronto, Canada

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2007

08:30 – 11:00

PL10: Plenary Session
NEW DIRECTIONS IN CORONARY INTERVENTIONAL THERAPY

Chairpersons: J.H. Chesebro, Worcester, MA, USA
G. Vetrovec, Richmond, VA, USA

Abstract No.

08:30 OPPORTUNITIES WITH INTEGRIN-TARGETED
PERFLUOROCARBON NANOPARTICLES IN ATHEROSCLEROSIS
(Invited Lecture)
G. Lanza, Washington University Medical School, St. Louis, MO, USA

08:45 COST EFFECTIVENESS OF DRUG-ELUTING STENTS (Invited Lecture)
M.J. Eisenberg, Jewish General Hospital/McGill University, Canada

09:00 LEFT MAIN STENTING: ARE WE THERE YET? (Invited Lecture)
F.A. Shawl, Washington Adventist Hospital, Takoma Park, MD, USA

09:15 IMPACT OF HIGHER CLOPIDOGREL LOADING AND MAINTENANCE
DOSE ON PLATELET FUNCTION AND ANTITHROMBOSIS IN
PATIENTS UNDERGOING PERCUTANEOUS CORONARY
INTERVENTION MEASURED BY THROMBOELASTOGRAM
(Invited Lecture)
N. Lakkis, Baylor College of Medicine, Houston, TX, USA

09:30 PATHOGENESIS, RAPID IDENTIFICATION AND TREATMENT OF HIT
(Invited Lecture)
J.H. Chesebro, University of Massachusetts Memoria, Worcester, MA, USA

09:45 RENAL DISEASE IMPACT ON CORONARY INTERVENTIONAL
OUTCOMES (Invited Lecture)
G.W. Vetrovec, VCU Medical Center, Richmond, VA, USA

10:00 PERCUTANEOUS INTERVENTIONAL TREATMENT OF LEFT MAIN
STENOSIS: A CRITICAL APPRAISAL (Invited Lecture)
H. Mudra, Städtisches Klinikum Munchen GmbH, Klinikum Neuperlach,
Munchen, Germany

10:15 DRUG-ELUTING STENTS: IS THE INCREASED RISK OF STENT
THROMBOSIS AN ACCEPTABLE CLINICAL TRADEOFF FOR REDUCED
RESTENOSIS? (Invited Lecture)
S. Kaul, Cedars-Sinai Medical Center, Los Angeles, CA, USA

10:30 FRACTIONAL FLOW RESERVE IN THE CATHETERIZATION LAB:
SIMPLIFYING ANGIOGRAPHIC AND INTERVENTIONAL
CHALLENGES (Invited Lecture)
M.J. Lim, Saint Louis University School of Medicine, Saint Louis, MO, USA

10:45 COBALT ALLOY STENTS VERSUS DRUG ELUTING STENTS:
A REAL WORLD EXPERIENCE
C.L. Hang, S.M. Chen, C.J. Chen, C.I. Cheng
Chang Gung Memorial Hospital, Kaohsiung, Taiwan, R.O.C.

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

**555**
**Session**
**HYPERTENSION: BASIC AND CLINICAL**

Chairpersons:  
*V. Bittner*, Birmingham, AL, USA  
*D. Polk*, Los Angeles, CA, USA

**08:30**  
THE EPIDEMIOLOGIC TRANSITION: HYPERTENSION IN RURAL EAST AFRICA  
*S. Stewart de Ramirez*, F. Changamire, M. Ramirez, G. Nyadzi, S. Ehrlich Sachs, W. Willett, Harvard School of Public Health, Boston, MA, USA

**08:45**  
AORTIC STIFFNESS PREDICTS CARDIOVASCULAR EVENTS IN PATIENTS WITH HYPERTENSION AND CARDIOVASCULAR DISEASE  
*R. Bhuriya*, J. Molnar, R. Khandpur, S. Khosla, R. Arora  
The Chicago Medical School, North Chicago, IL, USA

**09:00**  
TARGET OF ANTIHYPERTENSIVE THERAPY AFTER STROKE: IS THERE A U-CURVE OF BLOOD PRESSURE AND CARDIOVASCULAR EVENTS?  
*Post hoc analyses of the MOSES-study (Morbidity and Mortality after Stroke, Eprosartan compared with Nitrendipine for secondary prevention)*  
Medical Clinic, St.-Josefs-Hospital, Cloppenburg, Germany

**09:15**  
CORONARY RESERVE PREDICTS THE LONG-TERM OUTCOME IN HYPERTENSIVE DILATED CARDIOMYOPATHY  
*V.F.A. Pereira*, C.C. Frimm, A.C.T. Rodrigues, M. Curi  
University of Sao Paulo, Sao Paulo, SP, Brazil

**09:30**  
PREDICTORS OF A 1-YEAR SIGNIFICANT INCREASE IN BLOOD PRESSURE IN ADULTS: THE HEART SCORE STUDY  
*K.E. Kip*, A.N. Aiyer, S.R. Mulukutla, O.C. Marroquin, S.E. Reis  
University of Pittsburgh, Graduate School of Public Health, PA, USA

**09:45**  
WHO IS NOT TAKING ANTIHYPERTENSIVE MEDICATION?  
*L.E. Bautista*, University of Wisconsin, Madison, WI, USA

**10:00**  
LONG-TERM NIFEDIPINE ATTENUATES MYOCARDIAL COLLAGEN REMODELING AND PREVENTS DIASTOLIC DYSFUNCTION THROUGH ANTIOXIDATIVE STRESS IN DAHL SALT-SENSITIVE HYPERTENSIVE RATS  
*T. Yamada*, K. Nagata, T. Nishizawa, H. Izawa, T. Murohara, M. Yokota  
Nagoya University Graduate School of Medicine, Japan

**10:15**  
ARTERIAL STIFFNESS INDICES IN OFFSPRINGS OF VARIOUS PARENTAL HYPERTENSION HISTORY  
1st Cardiology Clinic Athens University Hippokration Hospital, Greece
10:30  THE RELATIONSHIP BETWEEN BETA1-ADRENOCEPTOR POLYMORPHISMS AND ANTIHYPERTENSIVE RESPONSE TO BISPOROL
X.L. Zhao, F. Wu, Y.L. Cui, S.J. Guo, S.M. Wang, H. Zhou, J.J. Li, J.F. Ji, Beijing Tongren Hospital, Affiliated to Capital Medical University, Beijing, China

10:45  ASSOCIATION BETWEEN ALDOSTERONE SYNTHASE GENE C344C/T POLYMORPHISM AND LEFT VENTRICULAR STRUCTURE AND FUNCTION IN PATIENTS WITH ESSENTIAL HYPERTENSION
X.J. Hu, Y.C. Tu, S. Chen, H. Peng, F. Li, Y.M. Wang, K.L. Yan, H. Yu, Xinhua Hospital of Hubei Province, Wuhan, China

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2007

08:30 – 11:00  

S56  

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

Chairpersons:  
T. Kofidis, Singapore  
K. Maiese, Detroit, MI, USA  

Abstract No.

08:30  
VARIATION IN THE HUMAN MATRIX METALLOPROTEINASE-9 GENE IS ASSOCIATED WITH ARTERIAL STIFFNESS IN HEALTHY INDIVIDUALS  
Yasmin, C.M. McEniery, K.M. O'Shaughnessy, J.R. Cockcroft, I.B. Wilkinson, University of Cambridge, Cambridge, UK  

08:45  
RENNIN-ANGIOTENSIN SYSTEM GENE POLYMORPHISMS AND DIASTOLIC HEART FAILURE  
C.K. Wu, J.L. Luo, J.M. Juang, C.T. Tsai, K.L. Hsu, J.J. Hwang, C.D. Tseng, F.T. Chiang, National Taiwan University Hospital, Taipei, Taiwan  

09:00  
A ZINC TRANSPOTER VARIANT ASSOCIATED WITH SEVERE CORONARY ARTERY DISEASE  

09:15  
INTRACORONARY INFUSION OF MOBILIZED PERIPHERAL BLOOD STEM CELLS BY GRANULOCYTE COLONY-STIMULATING FACTOR IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION VERSUS OLD MYOCARDIAL INFARCTION: THE MAGIC CELL-3-DES TRIAL  

09:30  
P38 MITOGEN-ACTIVATED PROTEIN KINASE IS INVOLVED IN UP-REGULATION OF ANGIOGENESIS IN VITRO BY HMG-COA REDUCTASE INHIBITOR FLUVASTATIN  
A. Uruno, A. Sugawara, A. Saito, M. Kudo, S. Ito Tohoku University Hospital, Sendai, Japan  

09:45  
NON INVASIVE CARDIAC ANGIOGENESIS SHOCK WAVE THERAPY INCREASES PERFUSION AND EXERCISE TOLERANCE IN ENDSTAGE CAD PATIENTS  
C. Naber, T. Ebralidze, S. Lammers, G. Hakim, R. Erbel Germantown, MD, USA  

10:00  
TRANSTHYRETIN (TTR) V122I, AN AMYLOIDOGENIC CARDIOTROPIC ALLELE: CLINICAL, PATHOLOGIC AND EPIDEMIOLOGIC STUDIES OF AN AUTOSOMAL DOMINANT GENE RESPONSIBLE FOR LATE ONSET CARDIAC DISEASE  
J. Buxbaum, The Scripps Research Institute La Jolla CA, USA  

10:15  
HYPERBARIC OXYGEN ACTIVATES DISCOIDIN DOMAIN RECEPTOR 2 VIA TUMOR NECROSIS FACTOR-A AND P38 PATHWAY TO INCREASE VASCULAR SMOOTH MUSCLE CELLS MIGRATION THROUGH MATRIX METALLOPROTEINASE 2  
B.W. Wang, H. Chang, K.G. Shyu, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan
MONDAY, JULY 30, 2007

08:30 – 11:00 S56 (cont) Hall D

Abstract No.

10:30 AUTOLOGOUS INTRACORONARY STEM CELL TRANSPLANTATION IMPROVES CARDIAC FUNCTION AND EXERCISE CAPACITY IN PATIENTS WITH END-STAGE DILATIVE CARDIOMYOPATHY

B. Vrtovec, M. Sever, L. Lezaic, D. Domanovic, P. Cernelc, B. Radovancevic, G. Torre-Amione, Ljubljana University Medical Center, Ljubljana, Slovenia

10:45 BONE MARROW STEM CELLS PRESERVE GLOBAL LEFT VENTRICULAR EJECTION FRACTION: A META-ANALYSIS

S. Singh, P.D. Swaminathan, J. Molnar, S. Khosla
Chicago Medical School/Mt Sinai Hospital, Chicago, IL, USA

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2007

11:15 – 14:00  Hall A

PL11: Plenary Session
VALVULAR HEART DISEASE / DISEASES OF THE THORACIC AORTA / CONGENITAL HEART DISEASE / CARDIAC SURGERY

Chairpersons:  
J.S. Borer, New York, NY, USA  
J.A. Elefteriades, New Haven, CT, USA

11:15 HOW DOES DISSECTION PICK A TIME TO OCCUR? (Invited Lecture)  
I. Hatzaras, G. Koullias, J. Bible, M.J. Tranquilli, J.A. Elefteriades  
Yale University, New Haven, CT, USA  

11:30 MEDICAL THERAPY FOR VALVULAR HEART DISEASES: HOPE OR REALITY? (Invited Lecture)  
J.S. Borer, Weill Medical College of Cornell University, New York, N.Y, USA  

11:45 PHEN-FEN VALVULOPATHY 10 YEARS LATER: WHAT HAVE WE LEARNED? (Invited Lecture)  
N. Weissman, Washington Hospital Center, Washington DC, USA  

12:00 POSSIBILITIES AND LIMITATIONS OF AORTIC VALVE RECONSTRUCTION (Invited Lecture)  
H.J. Schaefers, University Hospitals of Saarland, Homburg, Germany  

12:15 THE PREVALENCE AND CLINICAL IMPACT OF OBESITY FOR ADULTS WITH MARFAN SYNDROME (Invited Lecture)  
A.T. Yetman, B.W. McCrindle  
Primary Children’s Medical Center, Salt Lake City, UT, USA  

12:30 NEW INSIGHTS INTO THE DIAGNOSIS AND TREATMENT OF AORTIC STENOSIS (Invited Lecture)  
P. Pibarot, Laval Hospital Research Center, Laval University, Sainte-Foy, Quebec, Canada  

12:45 ARRHYTHMIAS IN ADULTS WITH CONGENITAL HEART DISEASE (ACHD), (Invited Lecture)  
L. Harris, University of Toronto, Toronto, Ontario, Canada  

13:00 CORONARY ARTERY BYPASS GRAFTING FOR STENOTIC LESIONS CAUSED BY KAWASAKI DISEASE (Invited Lecture)  
E. Tsuda, S. Kitamura, S. Echigo  
National Cardiovascular Center, Suita, Osaka, Japan  

13:15 SERUM OSTEOPROTEGERIN LEVELS PREDICT PRESENCE AND SEVERITY OF CALCIFIC AORTIC VALVE STENOSIS (Invited Lecture)  
M. Rahmani, B. Heydari, P. Pannu, B.J. Munt, C.R. Thompson, K. Humphries, P.D. Pare, B.M. McManus, The James Hogg iCAPTURE Centre for Cardiovascular and Pulmonary Research, University of British Columbia, Vancouver, British Columbia, Canada  

13:30 NESIRITIDE FOLLOWING MAZE AND MITRAL VALVE SURGERY (Invited Lecture)  

13:45 PERCUTANEOUS AORTIC VALVULOPLASTY: IS IT A PROCEDURE OF THE PAST? (Invited Lecture)  
Cleveland Clinic, Cleveland, OH, USA  

14:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION  

63
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
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<tbody>
<tr>
<td>11:15</td>
<td>ROLE OF LOX-1 IN ATHEROSCLEROSIS; LESSONS FROM KNOCKOUT MICE</td>
<td>J.L. Mehta, A. Dandapat, C.P. Hu, P.L. Hermonat, T. Sawamura, UAMS, Little Rock, AR, USA</td>
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<td>11:30</td>
<td>NEW APPROACHES TO VULNERABLE PLAQUE DETECTION</td>
<td>R.L. Wilensky, University of Pennsylvania, Philadelphia, PA, USA</td>
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<td>12:00</td>
<td>DIET VS. INFECTION ATHEROSCLEROSIS</td>
<td>S. Amar, Boston University, Boston, MA, USA</td>
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<td>12:15</td>
<td>MAST CELLS PROMOTE ATHEROSCLEROSIS BY RELEASING PRO-INFLAMMATORY CYTOKINES</td>
<td>J. Sun, G.K. Sukhova, P.J. Wolters, P. Libby, G.P. Shi, Harvard Medical School, Boston, MA, USA</td>
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<tr>
<td>12:30</td>
<td>A ROLE OF CORONARY ANGIOSCOPY FOR THE DETECTION OF VULNERABLE PLAQUES AND VULNERABLE PATIENTS</td>
<td>Y. Ueda, N. Ogasawara, J. Oyabu, K. Okada, A. Hirayama, K. Kodama, Osaka Police Hospital, Osaka, Japan</td>
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<tr>
<td>12:45</td>
<td>THROMBUS AGE IN ACUTE CORONARY SYNDROMES, A TALE OF THE OLD AND THE NEW</td>
<td>R.J. de Winter, Academic Medical Center, Amsterdam, The Netherlands</td>
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<td>13:00</td>
<td>TISSUE FACTOR AND CARDIOVASCULAR DISEASE</td>
<td>F.C. Tanner, University of Zurich, Switzerland</td>
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<td>13:15</td>
<td>ATHEROSCLEROTIC PLAQUE DEVELOPMENT AT THE STRAIN / STRESS INTERFACE</td>
<td>S. Lehoux, Inserm U689, Paris, France</td>
</tr>
<tr>
<td>13:30</td>
<td>EFFECT OF CLOPIDOGREL ON SUPPRESSING SCD40L IN UNSTABLE ANGINA PATIENTS UNDERGOING CORONARY STENTING</td>
<td>H.K. Yip, C.J. Wu, M. Fu, Chang Gung Memorial Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan, ROC</td>
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<tr>
<td>13:45</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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MONDAY, JULY 30, 2007

11:15-13:30  Hall C

S57  Session

ARRHYTHMIAS AND ELECTROPHYSIOLOGY

Chairpersons:  C.W. Israel, Frankfurt, Germany  
M.H. Pitzalis, Greenville, NC, USA

11:15  CLINICAL ROLE OF DUAL CHAMBER (DDEd) DEFIIBRILLATOR: THE DATAS TRIAL

A. Quesada, R. Ricci, C. Wolpert, J. Almendral, F. Arribas, P. Adragao, M. Santini, E. Cobo, X. Navarro,
Hospital General Universitario, Valencia, Spain

11:30  PROPHYLACTIC LIDOCAINE REDUCES VENTRICULAR FIBRILLATION INCIDENCE AND MORTALITY IN ACUTE MYOCARDIAL INFARCTION

M.G. Wyman, R.M. Wyman, D.S. Cannom, J.M. Criley
San Pedro Peninsula Hospital, San Pedro, CA, USA

11:45  ACUTE EFFECT OF PACING MODE ON ENDOETHELIAL FUNCTION IN PATIENTS WITH IMPLANTED CARDIAC PACEMAKERS

Marmara University Faculty of Medicine, Istanbul, Turkey

12:00  FEASIBILITY OF CORTICOSTEROID IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CARDIAC SURGERY: A PROSPECTIVE, DOUBLE BLIND RANDOMIZED MULTICENTER STUDY

Kuopio University Hospital, Kuopio, Finland

12:15  CHEST COMPRESSION INDUCES VENTRICULAR FIBRILLATION DURING POST-SHOCK ORGANIZED RHYTHMS IN OUT-OF-HOSPITAL CARDIAC ARREST

A. Capucci, D. Aschieri, G.Q. Villani, M. Piepoli, A. Rosi, M.S. Pisati, C. Armentano, Piacenza Hospital, Italy

12:30  IN HOSPITAL CARDIOPULMONARY RESUSCITATION: THE INFLUENCE OF THE NEW GUIDELINES ON SURVIVAL

Evangelismos General Hospital, Greece

12:45  RIGHT VENTRICULAR OUTFLOW TRACT IS THE PREFERRED SITE FOR LONG TERM RIGHT VENTRICULAR PACING

K. Khan, D.J. Fox, J. Harrison, S.G. Williams, C. Lang, N.C. Davidson, D.H. Bennett, Regional Cardiac Centre, Wythenshawe Hospital, Manchester, UK

13:00  N-CADHERIN HAPLOINSUFFICIENCY AFFECTS CARDIAC GAP JUNCTIONS AND ARRHYTHMIC SUSCEPTIBILITY

J. Li, M. Levin, Y. Xiong, N. Petrenk, V.V. Patel, G.L. Radice
University of Pennsylvania School of Medicine, Philadelphia, PA, USA

13:15  IMPACT OF DIFFERENT PACING MODES ON LEFT VENTRICULAR FUNCTION FOLLOWING CARDIOPULMONARY BYPASS

O. Dzemali, F. Bakhtairy, H. Ackermann, T.H. Wittlinger, A. Moritz, P. Kleine, University Hospital, J.W. Goethe University, Frankfurt/Main, Germany

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract No.</th>
<th>Presentation Title</th>
<th>Authors/Institutions</th>
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<tr>
<td>11:30</td>
<td>331</td>
<td>ENDOTHELIUM-DERIVED NITRIC OXIDE REGULATES IN VIVO POSTISCHEMIC MYOCARDIAL OXYGENATION AND OXYGEN CONSUMPTION</td>
<td>G. He, B. Liu, S. Zhou, Y.R. Chen, J.L. Zweier, The Ohio State University, Columbus, OH, USA</td>
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<tr>
<td>12:00</td>
<td>333</td>
<td>POSSIBLE INTERACTIONS OF NITRIC OXIDE AND HYDROGEN SULPHIDE IN ACUTE MYOCARDIAL INFARCTION</td>
<td>S.C. Chuah, Y.Z. Zhu, National University of Singapore, Singapore</td>
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<tr>
<td>12:15</td>
<td>334</td>
<td>MECHANISMS UNDERLYING DIFFERENCES BETWEEN I/R HEARTS PERFUSED AT CONSTANT FLOW OR CONSTANT PRESSURE</td>
<td>R.B. Singh, V. Elimban, N.S. Dhalla, University of Manitoba, Winnipeg, Manitoba, Canada</td>
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<tr>
<td>12:30</td>
<td>335</td>
<td>A SYNTHETIC POLYPHENOL PROTECTS AGAINST HYDROGEN PEROXIDE-INDUCED CELL DEATH IN H9C2 CARDIAC MYOCYTE-LIKE CELLS</td>
<td>B.S. Rayner, P.K. Witting, Concord Hospital, Sydney, NSW, Australia</td>
</tr>
<tr>
<td>12:45</td>
<td>336</td>
<td>VALIDATION OF AN IN VITRO MYOCARDIAL REPERFUSION INJURY MODEL</td>
<td>D. Gero, K. Modis, N. Nagy, P. Szoleczyk, Z. Dori Toth, C. Szabo, Semmelweis University, Budapest, Hungary</td>
</tr>
<tr>
<td>13:00</td>
<td>337</td>
<td>HYDROGEN SULFIDE ATTENUATES MYOCARDIAL ISCHEMIA/REPERFUSION INJURY VIA OPENING OF MITOCHONDRIAL KATP CHANNELS</td>
<td>Y.Z. Zhu, Z.J. Wang, L. Ning, T.T. Feng, P.K. Moore, National University of Singapore, Singapore</td>
</tr>
<tr>
<td>13:15</td>
<td>338</td>
<td>ACE-INHIBITION IS SUPERIOR TO ANGIOTENSIN TYPE 1 RECEPTOR BLOCKADE IN PREVENTING REPERFUSION INJURY AND CARDIOMYOCYTE APOPTOSIS: AN EX VIVO STUDY IN RAT HEARTS</td>
<td>P. Di Napoli, A.A. Taccardi, A. Grilli, M. Felaco, A. Barsotti, Casa di Cura Villa Pini d'Abruzzo, Chieti, Italy</td>
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</tbody>
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MONDAY, JULY 30, 2007
11:15-13:45
MONDAY, JULY 30, 2007

11:15-13:45 S58 (Cont.)

13:30 CHANGES OF CX43, METALLOPROTEINASE AND TISSUE INHIBITOR OF METALLOPROTEINASE IN TACHYCARDIA-INDUCED CARDIOMYOPATHY INDUCED BY ATRIAL FIBRILLATION IN DOGS

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

08:30-12:30 Poster Hall

P301 NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Board No.

1 DO EXERCISE ECGS AID IN CORRECTLY DIAGNOSING CORONARY ARTERY DISEASE IN WOMEN?
S. Krishnan, N. Naqvi
Royal Albert Edward Infirmary, Wigan, Lancashire, UK

2 PERIPHERAL ARTERIAL TONOMETRY MEASUREMENT IN RELATION TO CARDIOVASCULAR RISK: THE HEART SCORE STUDY
S.R. Mulukutla, K.E Kip, O.C. Marroquin, A.N. Aiyer, S.E. Reis
University of Pittsburgh, Pittsburgh, PA, USA

3 NOVEL MASS SPECTROMETRY PROTEIN SIGNATURES ASSOCIATED WITH CARDIOVASCULAR IMPAIRMENT
Intrinsic Bioprobes Inc, Tempe, AZ, USA

4 64-SLICE CTA VALIDATION STUDY IN PERIPHERAL VASCULAR DISEASE WITH LOW CONTRAST VOLUMES

5 THE EFFECTS OF INTRAVENOUS ATROPIN IN INCOMPLETE EXERCISE STRESS TEST
N. Aslan Abadi, A. Sajjadieh Khajouei, E. Hosein Zadeh, A. Maneshgar
Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran

6 TRANSRADIAL CORONARY INTERVENTION: COMPARISON OF LEFT AND RIGHT RADIAL ARTERY APPROACH
Wonju College of Medicine, Yonsei University, Korea

7 AN APPROACH TO QUANTIFY DIFFUSELY DISEASED CORONARY ARTERIES
S. Yokoyama, T. Takayama, T. Kawano, Y. Li, M. Ichikawa, N. Ishii, Y. Watanabe, J. Honye, A. Hirayama, S. Saito
Nihon University School of Medicine, Tokyo, Japan

8 COMPARISON OF INVASIVE VS NONINVASIVE PULSE WAVE INDICES IN DETECTION OF SIGNIFICANT CORONARY ARTERY DISEASE: CAN WE USE NONINVASIVE PULSE WAVE INDICES AS SCREENING TEST
J. Maddury, Nizam's Institute of Medical Sciences, Secunderabad, India
MONDAY, JULY 30, 2007

08:30-12:30

Poster Session

VASCULAR BIOLOGY, BASIC RESEARCH II

Board No.  Abstract No.

9  348  A PROFILE STUDY ON THE ROLES OF H2S IN VASCULAR SMOOTH

MUSCLE CELLS - A NOVEL MEDIATOR OF CHOLESTEROL

SYNTHESIS?

Z.J. Wang, H.S. Nai, P.K. Moore, Z.J. Zhu

National University of Singapore, Singapore

10  349  ATORVASTATIN INDUCES THROMBOMODULIN EXPRESSION IN

TNFALPHA-TREATED ENDOTHELIAL CELLS AND AORTAS OF

CHOLESTEROL-FED RABBITS

Y.L. Chen, S.H Wang, C.C. Lin, S.J. Lin

College of Medicine, National Taiwan University, Taipei, Taiwan

11  350  LOSARTAN MODULATES APELIN EXPRESSION AND RENAL

ARTERY TONE TO ANGIOTENSIN II AND IV IN DIABETIC MICE

J.C. Zhong, X.Y. Yu, Y. Huang, L.M. Yung, C.W. Lau

Guangdong Provincial People's Hospital, Guangzhou, China

12  351  FREQUENCY AND SEVERITY OF MYOCARDIAL PERFUSION

ABNORMALITIES USING TC-99M MIBI SPECT IN CARDIAC

SYNDROME X

M. Saghari, M. Assadi, M. Yaghoubi, M. Eftekhari, A. Fard-Esfahani,

J.M. Malekzadeh, Tehran University of Medical Sciences, Iran

13  352  ENDOTHELium-DEPENDENT HEMOSTASIS IN PATIENTS WITH

LEFT VENTRICULAR ANEURYSM

E.V. Shlyakhto, K.A. Khmelnitskaya, M.U. Sitnikova

Pavlov State Medical University, Saint-Petersburg, Russia

14  353  CYCLOPHILIN A DIFFERENTIALLY ACTIVATES MONOCYTES AND

ENDOTHELIAL CELLS

S.K. Payeli, C.S. Fischer, J. Steffel, G.G. Camici, I. Rozenberg,

T.F. Luscher, G. Fischer, F.C. Tanner, Physiology Institute, University

of Zurich, Switzerland

15  354  CIRCUMFERENTIAL WALL TENSION DUE TO HYPERTENSION PLAYS

A PIVOTAL ROLE IN AORTA REMODELING

C.M. Prado, S.G. Ramos, J.Jr Elias, M.A. Rossi

University of São Paulo, Ribeiño Preto, São Paulo, Brazil

16  355  ANTHOCYANIN PREVENTS CD40-ACTIVATED PROINFLAMMATORY

SIGNALLING IN ENDOTHELIAL CELLS BY REGULATING

CHOLESTEROL DISTRIBUTION

M. Xia, W.H. Ling, Sun Yat-sen University (Northern Campus),

Guangzhou, Guangdong Province, P.R. China

17  356  DIASTOLIC DYSFUNCTION VIS-A-VIS HSCRP AND

CARDIORESPIRATORY FITNESS - DISCERN STUDY

A.S. De Guzman, M.F. Luque, E.C. Demerree

Heart Institute, St Lukes Medical Center, Quezon City, Philippines

18  357  THE RELATION BETWEEN HELICOBACTER PYLORI INFECTION AND

CARDIAC SYNDROME X: A PRELIMINARY STUDY

M. Assadi, M. Saghari, M.R. Pourbehi, M. Eftekhari, M. Nasiri,

M. Nazarahari, A. Takavar, Tehran University of Medical Sciences,

Tehran, Iran
### P303 Poster Session
**PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>19</td>
<td>358</td>
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<td>363</td>
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<td>364</td>
</tr>
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**19 CHRONIC DIESEL EXHAUST PARTICLE INHALATION INDUCES EXAGGERATED VASOCONTRACTION IN APOE KNOCKOUT MOUSE AORTA**

N. Bai, H. Suzuki, L.M. Corey, T. Kido, M.E. Rosenfeld, I. Laher, S.F. van Eeden, James Hogg iCAPTURE Centre for Cardiovascular & Pulmonary Research, University of British Columbia, Vancouver, Canada

**20 SAFETY OF HIGHER SHORT TERM DOSE (150 MG) OF CLOPIDOGREL IN PATIENTS WITH ANGIOGRAPHIC LEFT MAIN CORONARY ARTERY STENOSIS**

S. Mohan, G. Baweja, A. Ausmani, K. Greenlee, N. Kedia
Cleveland Clinic, Cleveland, OH, USA

**21 EFFECT OF QUINAPRIL ON MYOCARDIAL PERFUSION IN TYPE 2 DIABETES MELLITUS**

N.N. Kipshidze, T. A Davarashvili, T.B. Vakhtangadxe
National Center of Therapy, Tbilisi, Georgia

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### P304 Poster Session
**ADVANCES IN CARDIAC SURGERY**

<table>
<thead>
<tr>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>361</td>
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<td>363</td>
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**22 WHAT IS THE ROLE OF OPCAB?**

S. Deb, N.D. Desai, S.E. Fremes, G.T. Christakis, F. Moussa, G.N. Cohen, B.S. Goldman, Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Ontario, Canada

**23 SURGICAL THERAPY OF MALIGNANT CARDIAC TUMORS – THE TEXAS MEDICAL CENTER EXPERIENCE**

S. Yendamuri, S. Blackmon, A.A. Vaporciyan, D.C. Rice, G.L. Walsh, J.C. Walkes, M.J. Reardon
University of Texas MD Anderson Cancer Center, Houston, TX, USA

**24 WHAT ARE THE LONG AND SHORT TERM OUTCOMES OF PCI IN VERY ELDERLY PATIENTS?**

M. Behan, G. Dixon, N. Pareek, L. Blows, D. Hildick-Smith, S. Holmberg, A. deBelder, Sussex Cardiac Centre, Brighton, Sussex, UK

**25 THE CONTEMPORARY IMPACT OF STATE CERTIFICATE OF NEED (CON) REGULATIONS FOR CARDIAC SURGERY: AN ANALYSIS USING THE SOCIETY OF THORACIC SURGEONS NATIONAL CARDIAC SURGERY DATA BASE**

V. DiSesa, S. O’Brien, K. Welke, S. Beland, C. Hahn, M. Vaughan-Sarrazin, E. Peterson, The Chester County Hospital, West Chester, PA, USA

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**MONDAY, JULY 30, 2007**

08:30-12:30 Poster Hall
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>26</td>
<td>365</td>
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<td>369</td>
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<td>370</td>
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**P306 Poster Session**

**INTERNAL DEFIBRILLATION/IMPLANTABLE ANTIARRHYTHMIC DEVICES/PACING**

| 32       | 371          |
| 33       | 372          |
| 34       | 373          |
| 35       | 374          |

**MONDAY, JULY 30, 2007**

**08:30-12:30 P304 (cont)**

**Poster Hall**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
</table>
| 26       | COMPARISON OF HARVESTING TECHNIQUES OF THE RADIAL ARTERY CONDUIT USING INTRAOPERATIVE INFRARED IMAGING
|          | P.C. Laird, R. Tran, P. Brazio, E. Brown, N. Burris, R.S. Poston University of Maryland School of Medicine, Baltimore, MD, USA |
| 27       | D-RIBOSE AND "OFF" PUMP CORONARY ARTERY BYPASS REVASCULARIZATION AIDS IN CARDIAC INDICES FOLLOWING ACUTE MYOCARDIAL INFARCTION
|          | D. Perkowski, S. Wagner, J.A. St.Cyr Saddleback Hospital, Laguna Hills, CA, USA |
| 28       | THE EFFECT OF NORMOTHERMIC CARDIOPULMONARY BYPASS ON POST OPERATIVE BLEEDING IN CABG
|          | N. Elahi, S. Sobhani, A. Ramazani, S. Hoseini Iran Ahvaz Jondishapour University of Medical Science, Iran |
| 29       | MYOCARDIAL BRIDGE: SURGICAL OUTCOME AND MIDTERM FOLLOW UP
|          | R. Parvizi, A. Sajjadieh Khajouei, H. Djavad Zadegan, A Maneshgar, S. Hassanzadeh, Tabriz University of Medical Sciences, Tabriz, Iran |
| 30       | SURGICAL TREATMENT OF AORTOBRONCHIAL AND AORTOESOPHAGEAL FISTULA DUE TO THORACIC AORTIC ANEURYSM
|          | E. Eren, C. Keles, M. Toker, S. Ersahin, V. Erentug, M. Guler, G. Ipek, E. Akinci, M. Balkanay, C. Yakut Kosuyolu Heart and Research Hospital, Istanbul, Turkey |
| 31       | PEDICLED RIGHT INTERNAL MAMMARY ARTERY FOR REOPERATIVE OFF-PUMP REVASCULARIZATION OF LEFT ANTERIOR DESCENDING CORONARY ARTERY
|          | E. Eren, M. Balkanay, M. Toker, B. Ozbeknak, C. Keles, M. Guler, C. Yakut, Kosuyolu Heart and Research Hospital, Istanbul, Turkey |
| 32       | GENDER ASSOCIATED DIFFERENCES IN PACEMAKER PROGRAMMING AND ADVERSE EVENTS IN THE ULTRA STUDY
|          | B.A. Koplan, L Thackeray, K.C. Berg Brigham and Women’s Hospital, Boston, MA, USA |
| 33       | USABILITY AND TOLERABILITY OF A VENTRICULAR AUTOMATIC CAPTURE ALGORITHM IN A LARGE, RANDOMIZED TRIAL
|          | B.A. Koplan, L. Thackeray, K.C. Berg Brigham and Women’s Hospital, Boston, MA, USA |
| 34       | COMPATIBILITY OF AUTOCAPTURE WITH DUAL COIL IMPLANTABLE DEFIBRILLATOR LEADS
|          | H. Acosta, V.R. Pothula, A. Massumi, R. Malik, S. Ahmad, C. Antonio Trinity Medical Center Rock Island IL, USA |
| 35       | IS BIFOCAL RIGHT VENTRICULAR PACING AN ALTERNATIVE IN CASES OF FAILED LEFT LEAD IMPLANTATION?
<p>|          | C. d’Ivernois, M. Hero, P. Blanc, Hopital Universitaire Dupuytren, Limoges, France |</p>
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>377</td>
<td>Successful Transvenous Dual-Chamber AICD After the Classic Fontan Operation for Tricuspid Atresia</td>
<td>J.A. Lopez</td>
<td>Texas Heart Institute / St. Luke's Episcopal Hospital, Baylor College of Medicine, Houston, TX, USA</td>
</tr>
<tr>
<td>39</td>
<td>378</td>
<td>Benefit of Cardiac Resynchronization Therapy for Heart Failure Patients with Mechanical Asynchrony</td>
<td>Y.S. Chong, K.H. Lam, K.H. Ng, A. Hussin, R. Omar</td>
<td>National Heart Institute, Kuala Lumpur, Malaysia</td>
</tr>
<tr>
<td>40</td>
<td>379</td>
<td>Effect of Percutaneous Interventions Within the Coronary Sinus on the Success Rate of the Implantations of Resynchronization Pacemakers</td>
<td>O. Kowalski, R. Lenarczyk, P. Pruszkowska-Skrzep, T. Zielinska, B. Sredniawa, A. Musialik-Lydk, S. Pluta, T. Kukulski, M. Szulik, Z. Kalarus</td>
<td>Silesian Medical School, Silesian Center for Heart Disease, Zabrze, Poland</td>
</tr>
<tr>
<td>42</td>
<td>381</td>
<td>Obesity Is Associated with Less Platelet Inhibition to Low Dose Aspirin in Primary Prevention</td>
<td>D.M. Becker, B. Bordeaux, L.R. Yanek, D. Vaidya, T. Moy, L.C. Becker, N. Faraday</td>
<td>Johns Hopkins University, Baltimore, MD, USA</td>
</tr>
<tr>
<td>44</td>
<td>383</td>
<td>The Atheroprotective and Plaque-Stabilizing Effects of Enzymatically Modified Isoquercitrin in Atherogenic Apolipoprotein E-Deficient Mice</td>
<td>K. Motoyama, H. Koyama, M. Moriwaki, K. Emura, S. Okuyama, E. Sato, M. Inoue, A. Shioi, Y. Nishizawa</td>
<td>Osaka City University Graduate School of Medicine, Osaka, Japan</td>
</tr>
</tbody>
</table>
MONDAY, JULY 30, 2007

08:30-12:30

P307(cont) Poster Hall

Board No. Abstract No.

45 RELATION OF ADULT HEIGHT WITH STROKE MORTALITY IN JAPAN -THE NIPPONDATA80-
Shiga University of Medical Science, Shiga, Japan

46 A RANDOMIZED COMMUNITY-BASED INTERVENTION TO REDUCE CARDIOVASCULAR RISK: THE HEART SCORE STUDY
K.L. Sward, A.O. Dinga, K.E. Kip, S.R. Mulukutla, O.C. Marroquin, A.N. Aiyer, S.E. Reis, University of Pittsburgh, Pittsburgh, PA, USA

47 WHY TO DO PRIMARY PREVENTION FOR WOMEN IN A STATE-RUN HEALTH SYSTEM
A. Bader, M. Hochleitner, Innsbruck Medical University, Innsbruck, Austria

48 CORRELATION OF METABOLIC SYNDROME AND MILD TO MODERATE CALCIFIED AORTIC VALVE STENOSIS
G.D. Spyromitros, K.G. Koronidis, I.A. Tsynos
Cardiology Department, General Hospital of Katerini, Katerini, Greece

49 EFFECT OF A GRAPE SEED EXTRACT (GSE) ON BLOOD PRESSURE IN SUBJECTS WITH PRE-HYPERTENSION
B. Lu, M. Robinson, T. Kappagoda, University of California, Davis, CA, USA

50 RISK OF CORONARY HEART DISEASE IS SIGNIFICANTLY INCREASED IN EDENTULOUS PATIENTS: A META-ANALYSIS
A. Bahekar, S. Singh, S. Saha, J. Molnar, R. Arora
Rosalind Franklin University, Chicago Medical School, Chicago, IL, USA

51 HOW TO DO PREVENTION IN IMMIGRANT TURKISH WOMEN
A. Bader, M. Hochleitner, Medical University Innsbruck, Austria

52 MEDICAL NUTRITION THERAPY IMPROVED THE QUALITY OF DIET IN KOREAN HYPERLIPIDEMIC PATIENTS
R.W. Choue, H.J. Lim, Y.Y. Kim, Y.M. Choi, I.H. Lee
Kyung Hee University, Seoul, Korea

53 THE STUDY OF THE EFFECT OF CYNABILE DRUG (CYNARA SCOLYMUS EXTRACT) ON THE LEVEL OF PLASMA HOMOCYSTEINE
P. Yaghmaei, K. Parivar, A. Parvin
Science and Research of Islamic Azad University of Tehran, Iran

P308 Poster Session

MISCELLANEOUS

54 ADJACENT DISPERSION OF VENTRICULAR REPOLARIZATION IN RHEUMATOID ARTHRITIS
S. Khosropanah, Shiraz University, Shiraz, Iran

55 FRAGMENTED QRS IN PREMATURE VENTRICULAR COMPLEX ON A 12 LEAD ECG PREDICTS MYOCARDIAL SCAR
H.S. Suradi, M.A. Michael, M.K. Das
Krannert Institute of Cardiology, Indiana University, Indianapolis, IN, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>395</td>
<td>THE EFFECT OF CORONARY ARTERY BYPASS GRAFTING WITH COLD BLOOD VERSUS CRYSTALLOID, WITH AND WITHOUT TOPICAL COOLING ON VENTRICULAR REPOLARIZATION</td>
<td><strong>S. Khosropanah</strong>, M.H. Nemati, M. Nikparvar</td>
<td>Shiraz University of Medical Sciences, Shiraz, Iran</td>
</tr>
<tr>
<td>57</td>
<td>396</td>
<td>EFFECTS OF AEROBIC EXERCISE ON HEART RATE VARIABILITY (HRT)</td>
<td><strong>W.S. Choi, S.J. Lee, W.I. Rhee</strong></td>
<td>St. Mary’s Hospital, Catholic University, Seoul, Korea</td>
</tr>
<tr>
<td>58</td>
<td>397</td>
<td>FACTOR VII HYPERCOAGULANT ACTIVITY IN INSULIN RESISTANT CORONARY HEART DISEASE (CHD) PATIENTS</td>
<td><strong>R.A. Karatela</strong>, G.S. Sainani</td>
<td>Jaslok Hospital and Research Centre, Mumbai, Maharashtra, India</td>
</tr>
<tr>
<td>59</td>
<td>398</td>
<td>THE EFFECT OF EMLA CREAM ON THE WRIST PAIN DURING TRANS-RADIAL CORONARY INTERVENTION</td>
<td><strong>J.Y. Kim, J. Yoon, B.S. Yoo, S.H. Lee, K.H. Choe</strong></td>
<td>Wonju College of Medicine, Yonsei University, Korea</td>
</tr>
<tr>
<td>60</td>
<td>399</td>
<td>ANTISENSE ANTIBODY DRUG CONJUGATE (AADC) CONSISTING OF OXIDIZED LDL HAIRPIN SIRNA FUSED WITH PROTAMINE TO NFkB FAB AND LINKED WITH VALINE-CITRULLINE TO VINORELBINE ERADICATES RADIATION INDUCED ARTERIOSCLEROSIS, PROTHROMBOTIC EFFECTS, ATHEROSCLEROTIC PLAQUE AND INNATE IMMUNITY AFTER DOWNREGULATION OF VASCULAR INFLAMMATORY GENES AND BCL-XL PHOSPHORYLATION LEADING TO APOPTOSIS IN VASCULAR SMOOTH MUSCLE CELLS (VSMC)</td>
<td><strong>J. Giannios</strong>, I. Koliopulos, P. Ginopulos, N. Alexandropulos</td>
<td>General State Hospital of Athens, Greece</td>
</tr>
<tr>
<td>61</td>
<td>400</td>
<td>RELATIONSHIP BETWEEN EXERCISE INDUCED DYSPNEA AND DOPPLER-DERIVED DIASTOLIC FUNCTION AMONG SOUTH ASIAN COHORT</td>
<td><strong>S. Nasim</strong>, N. Nadeem, Aga Khan University Karachi, Pakistan</td>
<td></td>
</tr>
</tbody>
</table>
PL13: Plenary Session
ABLATION FOR ATRIAL FIBRILLATION, SVT AND VENTRICULAR TACHYCARDIA

Chairpersons: R. Krittayaphong, Bangkok, Thailand
M.A. Wood, Richmond, VA, USA

14:00 DETERMINANTS OF LESION SIZES AND TISSUE TEMPERATURES DURING CATHETER CRYOABLATION (Invited Lecture)
M.A. Wood, B. Parvez, A.L. Ellenbogen, K.M. Shaffer, S.M. Goldberg, M.P. Gaspar, I. Arief, C.M. Schubert, Virginia Commonwealth University Medical Center, Richmond, VA, USA

14:15 UPDATE ON MANAGEMENT OF RIGHT VENTRICULAR OUTFLOW TRACT TACHYCARDIA (Invited Lecture)
R. Krittayaphong, Siriraj Hospital, Mahidol University, Bangkok, Thailand

14:30 IMPLANTABLE DEVICES IN THE MANAGEMENT OF PATIENTS WITH ATRIAL FIBRILLATION (Invited Lecture)
C.W. Israel, J.W. Goethe University, Frankfurt, Germany

14:45 ROLE OF REAL-TIME IMAGING IN ABLATION OF ATRIAL FIBRILLATION: INTRODUCING NEW IMAGING MODALITY FOR SAFE AND EFFECTIVE ABLATION (Invited Lecture)
N.F. Marrouche, University of Utah Health Sciences Center, Salt Lake City, UT, USA

15:00 CATHETER ABLATION OF VENTRICULAR TACHYCARDIA OCCURRING LATE AFTER MYOCARDIAL INFARCTION USING SUBSTRATE MODIFICATION (Invited Lecture)
T. Deneke, University Heart Centre Bochum, BG Clinic Bergmannsheil Bochum, Germany

15:15 GAPS WITHIN LINEAR RADIOFREQUENCY LESIONS: FRIEND AND FOE?
M.A. Wood, F.J. Perez, Virginia Commonwealth University Medical Center, Richmond, VA, USA

15:30 AVOIDANCE OF PROCEDURE-RELATED COMPLICATIONS OF RADIOFREQUENCY ABLATION OF AF BY THE INTEGRATION OF MULTISLICE CT IMAGING INTO 3D ELECTROANATOMIC MAPPING
M. Martinek, H.J. Nesser, J. Aichinger, G. Boehm, P. Kuchinka, H. Purmer-Nelner, Elisabethinen University Teaching Hospital, Linz, Austria

15:45 AV NODAL REENTRY TACHYCARDIA WITH MULTIPLE PATHWAYS: IMPLICATIONS FOR CATHETER ABLATION
R.C. Klein, University of Utah Health Sciences Center, Salt Lake City, UT, USA

16:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2007

14:00 – 16:15   Hall B

Abstract No.

14:00 – 16:15 PL14 Plenary Session
DIASTOLIC HEART FAILURE, PERICARDIAL DISEASE

Chairpersons:  J.N. Bella, Bronx, NY, USA
               P.R. Liebson, Chicago, IL, USA

409

14:00 LEFT VENTRICULAR HYPERTROPHY IN HYPERTENSION: IS DRUG
SELECTION IMPORTANT? (Invited Lecture)
P.R. Liebson, Rush University Medical Center, Chicago, IL, USA

14:15 REGRESSION OF LEFT VENTRICULAR HYPERTROPHY AND
OUTCOME (Invited Lecture)
J.N. Bella, Bronx-Lebanon Hospital Centre, NY, USA

14:30 ROLE OF DIGOXIN IN DIASTOLIC HEART FAILURE (Invited Lecture)
A. Ahmed, University of Alabama at Birmingham, Birmingham, AL, USA

14:45 ROLE OF PHOSPHOLIPASE C ISOZYMES IN HYPERTROPHY OF THE
ADULT HEART (Invited Lecture)
T. Singal, P.S. Tappia, St. Boniface Hospital Research Centre,
University of Manitoba, Winnipeg, Canada

15:00 ACUTE AND RECURRENT PERICARDITIS (Invited Lecture)
M. Imazio, R. Trinchero, Maria Vittoria Hospital, Torino, Italy

15:15 ROLE OF COLLAGEN MATRIX IN THE TRANSITION FROM
HYPERTROPHY TO FAILURE IN HYPERTENSION (Invited Lecture)
J. Díez, University of Navarra, School of Medicine, Pamplona, Spain

15:30 IMPACT OF ETHANOL DOSING ON LONG-TERM OUTCOME OF
ALCOHOL SEPTAL ABLATION FOR OBSTRUCTIVE HYPERTROPHIC
CARDIOMYOPATHY: A SINGLE-CENTER, PROSPECTIVE, AND
RANDOMIZED STUDY
J. Veselka, D. Zemanek, J. Palenickova, R. Duchonova, P. Tomasov,
K. Lnhartova, University Hospital Motol Prague, Czech Republic

15:45 ECHOCARDIOGRAPHIC FEATURES AND
THROMBOEMBOLISM IN PATHOLOGY PROVEN CARDIAC
AMYLOIDOSIS
D. Feng, J.K. Oh, W.D. Edwards, M Martinez, L.S. Syed,
K. Chandrasekaran, M. Grogan, A.S. Jaffe, M.A. Gertz, K.W. Klarich,
Mayo Clinic, Rochester, Minnesota, USA

16:00 MYOCARDITIS IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS
PRESENTING ACUTE CLINICAL DETERIORATION
C. Chimenti, R. Verardo, M.C. Acconcia, F. Toscano, M.A. Russo,
A. Frustaci, La Sapienza University, Rome, Italy

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2007

14:00-16:45

Hall C

S59

Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/
CONGENITAL HEART DISEASE

Chairpersons:  
B.W. Duncan, Cleveland, OH, USA  
T.F. Feltes, Columbus, OH, USA

Abstract No.

14:00 INCIDENCE AND RESULTS OF REOPERATIONS FOLLOWING  
THE SENNING OPERATION - 27 YEARS OF FOLLOW-UP IN 314  
PATIENTS
J. Hörer, E. Karl, G. Theodoratou, C. Schreiber, J. Cleuziou, M. Vogt,  
K. Holper, R. Lange. German Heart Center Munich at the Technical  
University, Munich, Germany

14:15 INCIDENCE OF ATRIAL FIBRILLATION AFTER PERCUTANEOUS  
CLOSURE OF PATENT FORAMEN OVALE AND SMALL ATRIAL  
SEPTAL DEFECTS
R.F.B. Bonvini, J.S. Sztajzel, J.A. Alibegovic, P.T.T. Trindade, K.S. Sievert,  
R.S. Sztajzel, K.O.L. Lovbad, U.S. Sigwart, V.V. Verin, E.C. Camenzind  
University Hospital Geneva, Switzerland

14:30 TRANSCATHETER CLOSURE OF PERIMEMBRANOUS  
VENTRICULAR SEPTAL DEFECTS USING UMBRELLA DEVICES
R.P. Handke, C. Jux, D. Schranz, M.B.E. Schneider  
The Children’s Heart Center St. Augustin, St. Augustin, Germany

14:45 MANAGEMENT AND OUTCOME OF PATIENTS WITH RIGHT  
ISOMERISM OF THE ATRIAL APPENDAGE
M.H. Wu, J.K. Wang, M.T. Lin, E.T. Wu, S.N. Chiu, C.A. Chen,  
Y.S. Chen, C.I. Chang, J.S. Chiu, H.C. Lue  
National Taiwan University Hospital, Taipei, Taiwan

15:00 PERCUTANEOUS DOUBLE STENT ATRIAL SEPTOSTOMY
G. Marti, B. Garcia, F. Gran, J. Girona, J. Angel  
Vall Hebron Hospital, Barcelona, Spain

15:15 CEREBRAL INJURY IN NEONATAL CARDIOPULMONARY BYPASS  
AND DEEP HYPOTHERMIC CIRCULATORY ARREST: A PROTEOMIC  
STUDY
A.M. Sheikh, C. Barrett, N. Villamizar, O. Alzate, S. Miller, J. Shelburne,  
A. Lodge, J. Lawson, Duke University, Durham, NC, USA

15:30 COMPLICATIONS OF NONCOMPACTION OF THE  
LEFT VENTRICULAR MYOCARDIUM IN A PEDIATRIC POPULATION:  
A PROSPECTIVE STUDY
Habermann, J.C. Rice, J. Weil, University Hospital Hamburg-Eppendorf,  
Hamburg, Germany, Tulane University Health Sciences Center, New  
Orleans, LA, USA

15:45 ARRHYTHMIA BURDEN IN ADULTS WITH  
CONGENITAL HEART DISEASE IN A LEVEL 2 IN A GROWN-UP  
CONGENITAL HEART (GUCH) CENTRE
P. A. Felix, S. Howard, L.J. Freeman  
Norfolk and Norwich University Hospital, Norwich, UK

16:00 WARM SURGERY FOR TOTAL ANOMALPULMONARY VENOUS  
RETURN
Y.D. Durandy, S. Hulin, Yves Durandy Institut Jacques Cartier, Massy,  
France
MONDAY, JULY 30, 2007

14:00-16:45 S59 (cont) Hall C

16:15 USE OF THE GENESIS-XD STENT TO TREAT PULMONARY ARTERY STENOSIS AND OBSTRUCTION TO RIGHT VENTRICULAR OUTFLOW IN INFANTS

D.R. Turner, Z. Amin, W.E. Hellenbrand, J.M. Ringwald, T.E. Fagen, T.J. Forbes, Children’s Hospital of Michigan, Wayne State University, Detroit, MI, USA

16:30 MATERNAL HYPERGLYCEMIA IMPROVES FETAL CARDIAC FUNCTION


Aarhus University Hospital, Aarhus, Denmark and Hospital for Sick Children, Toronto, ON, Canada

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00-17:00 S60 Session

VASCULAR BIOLOGY, BASIC RESEARCH

Chairpersons: U. Forstermann, Mainz, Germany

T. Malinski, Athens, OH, USA

14:00 ESSENTIAL ROLE OF MAST CELLS IN THE PATHOGENESIS OF ABDOMINAL AORTIC ANEURYSMS

J. Sun, G.K. Sukhova, P.J. Wolters, P. Libby, R.W. Thompson, G.P. Shi

Harvard Medical School, Boston, MA, USA

14:15 NEUTRALIZATION OF IL-18 INHIBITS BALLOON INJURY-INDUCED NEOINTIMAL FORMATION

P. Maffia, G. Grassia, P. Di Meglio, R. Carnuccio, L. Berrino, P. Garside, A. Lanaro, A. Lalenti

University of Naples Federico II, Naples, Italy

14:30 INCREASED VASCULAR CONTRACTILITY IN ISOLATED VESSELS FROM CIGARETTE SMOKING RATS IS MEDIATED BY BASAL ENDOTHELIN RELEASE


University of British Columbia, Vancouver, BC, Canada

14:45 DIMETHYL SULFOXIDE INHIBITS THROMBOSIS AND VASCULAR SMOOTH MUSCLE CELLS ACTIVATION: A POTENTIAL TREATMENT STRATEGY FOR DRUG-ELUTING STENTS

G.G. Camici, J. Steffel, A. Akhmedov, C.M. Matter, Z. Yang, I. Sudano, T.F. Luscher, F.C. Tanner, University of Zurich, Switzerland

15:00 LEVEL AND VALUE OF CIRCULATING ENDOTHELIAL PROGENITOR CELLS IN PATIENTS AFTER ACUTE ISCHEMIC STROKE


Chang Gung Memorial Hospital-Kaohsiung Medical Center, Taiwan-R.O.C.
15:15 INCREASED ATHEROSCLEROSIS AND TH17 INFILTRATES IN INTERLEUKIN-18 (IL-18) DEFICIENT APOLIPOPROTEIN E-KNOCKOUT MICE FED HIGH-FAT DIET

15:30 THE GREEN TEA FLAVANOID EPIGALLOCATECHIN-3-GALLATE INHIBITS ENDOTHELIAL TISSUE FACTOR EXPRESSION
E.W. Holy, A. Akhmedov, T.F. Lüscher, F.C. Tanner
University of Zurich, Zurich, Switzerland

15:45 RANKL-RANK-OPG SYSTEM IN ATHEROSCLEROTIC LESIONS OF HUMAN CORONARY ARTERIES: AN IMMUNOHISTOCHEMICAL STUDY
A.K. Alexopoulos, S.N. Peroukides, P. Mylonakis, H.E. Papadaki, J.N. Varakis, University of Patras, Patras, Greece

16:00 PRAVASTATIN IMMUNOMODULATES INTERLEUKIN 6 (IL-6) AND C-REACTIVE PROTEIN (CRP) IN CORONARY BYPASS
C.E. Caorsi, F. Pineda, C. Munoz
Clinica Las Condes, Universidad Andres Bello, Santiago, Chile

16:15 THROMBOPOIETIN (TPO) CONTRIBUTES TO PLATELET ACTIVATION IN CIGARETTE SMOKERS
E. Lupia, O. Bosco, A. Goffi, C. Poletto, E. Maggio, P. Tizzani, T. Spatola, A. Cuccurullo, S. Locatelli, G. Montrucchio
Azienda Ospedaliera San Giovanni Battista di Torino-Torino, Italy

16:30 ADIPONECTIN SPECIFICALLY INCREASED TISSUE INHIBITOR OF METALLOPROTEINASE-1 THROUGH INTERLEUKIN-10 EXPRESSION IN HUMAN MONOCYTE-DERIVED MACROPHAGES
Osaka University, Suita, Osaka, Japan

16:45 CAFFEIC ACID PHENETHYL ESTER INHIBITS ENDOTHELIAL TISSUE FACTOR EXPRESSION
S. Largiader, A. Akhmedov, C. Gebhard, G. Camici, T.F. Luescher, F.C. Tanner, Cardiovascular Research, Physiology Institute and Center for Integrative Human Physiology, Zurich, Switzerland

17:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL15:  Plenary Session
ENDOTHELIAL BIOMEDICINE, OXIDATIVE STRESS

Chairpersons:  S.J. LIN, Taipei, Taiwan
P.K. Singal, Winnipeg, MB, Canada

16:15  DECREASE IN IL-10/TNF-alpha RATIO AND INCREASE IN OXIDATIVE STRESS IN HEART FAILURE (Invited Lecture)
S. Dhingra, A.K. Sharma, H. Lou, K. Kaur, P.K. Singal,
St. Boniface General Hospital Research Centre, Winnipeg, Canada

16:30  OXIDATIVE STRESS, INFLAMMATION AND ATHEROSCLEROSIS: THE ROLE OF HUMAN ANTIGEN R AND TOLL-LIKE RECEPTOR 4 (Invited Lecture)
S.J. Lin, F. Lin, J.W. Chen, Taipei Veterans General Hospital and National Yang-Ming University, Taipei, Taiwan

16:45  NITRIC OXIDE/NITROXIDATIVE STRESS IMBALANCE IN THE FAILING HEART – A NANOMEDICAL APPROACH (Invited Lecture)
T. Malinski, Ohio University, Athens, OH, USA

17:00  VASCULAR OXIDATIVE STRESS: RELATIVE IMPORTANCE OF PRO- AND ANTIOXIDANT ENZYME SYSTEMS (Invited Lecture)
U. Forstermann, Johannes Gutenberg University, Mainz, Germany

17:15  THE BIOLOGY OF ENDOTHELIAL PROGENITOR CELLS (Invited Lecture)
H.S. Kim, Seoul National University Hospital, Seoul, Korea

17:30  ENDOTHELIAL DYSFUNCTION IN ISCHEMIC HEART DISEASE: READY FOR THE CLINICIAN USE? (Invited Lecture)
P. Perrone Filardi, Federico II University of Naples, Italy

17:45  REACTIVE OXYGEN SPECIES AND NEOVASCULARIZATION (Invited Lecture)
M. Ushio-Fukai, University of Illinois at Chicago, Chicago, IL, USA

18:00  OXIDATIVE STRESS AND EXTRACELLULAR SOD IN CARDIOVASCULAR DISEASE (Invited Lecture)
T. Fukai, University of Illinois at Chicago, Chicago, IL, USA

18:15  FLOW-MEDIATED DILATION AND ARTERIAL STIFFNESS: ARE REALLY USEFUL CLINICAL INDICES? (Invited Lecture)
S. Koulouris, Evangelismos Hospital, Athens, Greece
MONDAY, JULY 30, 2007
16:45-19:30 Hall C

S61 Session
NEW APPROACHES TO SURGICAL REVASCULARIZATION, SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION

Chairpersons: Y. Naka, New York, NY, USA
H.J. Schaefers, Hamburg, Germany

16:45 HARVESTING THE SAPHENOUS VEIN WITH SURROUNDING TISSUE FOR CABG PROVIDES LONG-TERM GRAFT PATENCY COMPARABLE TO THE LEFT INTERNAL MAMMARY ARTERY: RESULTS OF A RANDOMIZED LONGITUDINAL TRIAL
Orebro University Hospital, Orebro, Sweden

17:00 OUTCOMES OF PATIENTS BRIDGED TO HEART TRANSPLANTATION WITH VENTRICULAR ASSIST DEVICES
Cleveland Clinic Foundation, Cleveland, Ohio, USA

17:15 PROPENSITY ANALYSIS OF SURVIVAL IN PATIENTS HAVING CORONARY BYPASS SURGERY WITH RADIAL ARTERY GRAFTS
Cedars-Sinai Medical Center, Los Angeles, CA, USA

17:30 THE IMPORTANCE OF DIABETES AND RIGHT VENTRICULAR FUNCTION IN HEMODYNAMICALLY COMPROMISING REJECTION
F. Haddad, P. Fisher, G. Berry, M. Perlroth, D. Weisshaar, H. Valantine, R.C. Robbins, S.A. Hunt, Stanford University, Stanford, CA, USA

17:45 COGNITIVE OUTCOMES IN HIGH-RISK PATIENTS 1 YEAR AFTER OFF-PUMP VERSUS ON-PUMO CORONARY ARTERY BYPASS GRAFTING (CABG)
B.O. Jensen, L.S. Rasmussen, D.A. Steinbruchel
The Heart Center, Righshospitalet, Copenhagen University Hospital, Copenhagen Denmark

18:00 20 H PRESERVATION OF ISOLATED HEARTS PERFUSED AT LOW FLOW WITH AIR-SATURATED LIFOR SOLUTION AT ROOM TEMPERATURE
D.F. Stowe, J.S. Heisner, A.K.S. Camara, M. Aldakkak, D.R. Harder
Medical College of Wisconsin, Milwaukee, WI, USA

18:15 ROBOTIC ATTACK IN VASCULAR SURGERY
P. Stadler, P. Vitasek, P. Matous, L. Dvoracek
Na Homolce Hospital, Praha, Czech Republic

18:30 ROBOTIC TOTALLY ENDOSCOPIC CORONARY ARTERY BYPASS AND PERCUTANEOUS CORONARY INTERVENTION. HYBRID REVASCULARIZATION FOR MULTIVESSEL CORONARY ARTERY DISEASE
Bon Secours Heart &Vascular Institute, Richmond, VA, USA
<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract</th>
<th>Authors</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>18:45</td>
<td>IMPACT OF PREVIOUS PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH DIABETIC TRIPLE-VESSEL DISEASE UNDERGOING CORONARY ARTERY BYPASS SURGERY</td>
<td>M. Thielmann, M. Neuhauser, S. Knipp, E. Kottenberg-Assenmacher, A. Marr, M. Hartmann, M. Kamler, P. Massoudy, H. Jakob</td>
<td>West-German Heart Center, University Hospital Essen, Essen, Germany</td>
</tr>
<tr>
<td>19:00</td>
<td>LEFT VENTRICULAR FUNCTION IMPROVES EARLY AFTER &quot;OFF PUMP&quot; CORONARY BYPASS (OPCAB) SURGERY</td>
<td>N. Shaik, G. Ashrith, C. Bavare, A.E. Denktas, S.M. Sdringola, O. Rosales, F. Fuentes, H.A. Anderson, R.W. Smalling, G.V. Letsou</td>
<td>University of Texas Medical School and Herman Memorial Heart and Vascular Institute, Houston, TX, USA</td>
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<td>Board No.</td>
<td>Abstract No.</td>
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<td>Authors</td>
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<tr>
<td>1</td>
<td>462</td>
<td>STATIN AND ANGIOTENSIN-TYPE1 RECEPTOR BLOCKER SUPPRESS AORTIC VALVE DEGENERATION IN SUPER-AGED- APOLIPOPROTEIN E-DEFICIENT MICE</td>
<td>K. Ishikawa, Y. Kamiyama, A. Kobayashi, S. Kimura, Y. Maruyama</td>
</tr>
<tr>
<td>2</td>
<td>463</td>
<td>PHENTERMINE ALONE OR IN COMBINATION WITH TOPIRAMATE IS NOT ASSOCIATED WITH VALVULAR HEART DISEASE</td>
<td>K.M. Gadde, J.G. Jollis, W.W. Day</td>
</tr>
<tr>
<td>3</td>
<td>464</td>
<td>ENDOCARDITIS AS COMPLICATION OF CENTRAL LINE INFECTIONS</td>
<td>M.P. Chrissoheris, R. Ali, C. Libertin, A. Ghantous, T.J. Donohue</td>
</tr>
<tr>
<td>5</td>
<td>466</td>
<td>PERCUTANEOUS MITRAL BALLOON VALVULOPLASTY IN ASYMPTOMATIC PATIENTS</td>
<td>M. Napodano, C. Fracarco, G. Tarantini, R. Razzolini, S. Illiceto, A. Ramondo</td>
</tr>
<tr>
<td>6</td>
<td>467</td>
<td>SINGLE-SUTURE LINE PERICARDIAL STENTLESS VALVES: A NEW TOOL FOR AORTIC VALVE DISEASE</td>
<td>A. Repossini, I. Kotelnikov, G. Caprioli, Humanitas Gavazzi, Bergamo, Italy</td>
</tr>
<tr>
<td>7</td>
<td>468</td>
<td>POSTOPERATIVE VERSUS PREDICTED INCIDENCE OF PATIENT- PROSTHESIS MISS-MATCH FOLLOWING MITRAL VALVE REPLACEMENT USING STENTED BIOPROSTHESIS</td>
<td>P. Totaro, V. Argano, Civic Hospital, Brescia, Italy</td>
</tr>
<tr>
<td>8</td>
<td>469</td>
<td>EVALUATION OF THE LEFT VENTRICULAR ASYNCHRONY IN PATIENTS WITH ATRIAL SEPTAL DEFECT BEFORE AND AFTER SURGICAL CLOSURE</td>
<td>M. Esmaeilzadeh, A. Sadatnaseri, F. Noohi, M. Maleki, A. Mohebbi, S.Z.M. Ojaghi Haghighi, A. Sadeghpour, N. Samiei</td>
</tr>
<tr>
<td>9</td>
<td>470</td>
<td>QUADRANT PULMONARY OEDEMA</td>
<td>W. Mullens, J.L.C. De Keyser, K. Dujardin</td>
</tr>
</tbody>
</table>
MONDAY, JULY 30, 2007

14:00-18:00

P402: Poster Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH II

Board No. Abstract No.

10  RESVERATROL ACTIVATES SRC HOMOLOGY 2-CONTAINING 
    TYROSINE PHOSPHATASE AND INHIBITS ANGIOTENSIN II-
    INDUCED PROLIFERATION IN RAT CARDIAC FIBROBLASTS
    Taipei Medical University, Taipei Medical University-Wan Fang Hospital,
    Taipei, Taiwan, R.O.C

11  DIRECT EFFECTS OF LEPTIN ON MYOCARDIAL EXTRACELLULAR 
    MATRIX COMPONENTS IN NEONATAL RAT CARDIAC FIBROBLASTS
    K.N. Schram, P. Rengasmay, M.C. Wong, I. Dixon
    York University, Toronto, Ontario, Canada

12  INSULIN PROTECTS THE HEART AGAINST MI/R INJURY: 
    A CROSS-TALK BETWEEN PI3K/AKT AND JNKS
    H.T. Liu, H.C. Wang, W.Y. Guo, F. Gao
    Xijing Hospital, Fourth Military Medical University, Xi’an, China

13  ATTENUATION OF HYPOOSMOTIC STRESS INDUCED ANP 
    SECRETION IN HYPERTEOPHIED ATRIA
    Chonbuk National University Medical School, Jeonju, Korea

14  OVER-EXPRESSION OF CALRETICULIN IN ADULT CARDIAC 
    MYOCYTES
    I. Neveux, J. McDonald, M. Valencik
    University of Nevada School of Medicine, Reno, NV, USA

15  A STRATEGY OF RETROGRADE INJECTION OF BONE MARROW 
    MONONUCLEAR CELLS INTO THE MYOCARDIUM FOR THE 
    TREATMENT OF ISCHEMIC HEART DISEASE
    S. Yokoyama, N. Fukuda, T. Kawano, Y. Watanabe, Y. Yamada,
    S. Takakura, S. Hiyayama, S. Saito, Nihon University School of Medicine,
    Tokyo, Japan

16  ENDOTHELIN RECEPTOR ANTAGONIST CPU0213 REVERSES 
    ISOPROTERENOL INDUCED DOWNREGULATION OF 
    PHOSPHOLAMBN AND FKBP12.6
    Y. Feng, D.Z. Dai, China Pharmaceutical University, Nanjing, Jiangsu,
    China

17  STEM CELLS TO THE RESCUE: NOVEL TREATMENTS FOR 
    ISCHEMIC HEART DISEASE
    D. Rosenstrauch, G. Poglajen, Y.J. Geng, N. Zidar, I.D. Gregoric
    The University of Texas Health Science Center at Houston, The Texas 
    Heart Institute, and the Rice University, Houston, TX, USA

18  RELATION TO HELICOBACTER PYLORI AND CHLAMYDIA 
    PNEUMONIAE IN PATIENT WITH MYOCARDIAL INFARCTION IN 
    GORGAN
    H. Bazzazi, M.A. Ramezani, E. Ghaemi, A.R. Ahmadi, M. Bazouri,
    H.R. Pordeli, A. Mohamadi-Bondarkheyli
    Islamic Azad University-Gorgan Branch, Gorgan, Golestan, Iran
**MONDAY, JULY 30, 2007**

14:00-18:00

**Poster Hall**

**P403:** Poster Session

**HYPERTENSION: BASIC AND CLINICAL**

Abstract No.

19

**MATRIX METALLOPROTEINASE-9 (MMP-9), MMP-2, AND SERUM ELASTASE ACTIVITY ARE ASSOCIATED WITH SYSTOLIC HYPERTENSION AND ARTERIAL STIFFNESS**


University of Cambridge, Cambridge, UK

20

**PREVENTION OF LEFT VENTRICULAR FUNCTION DETERIORATION IN PATIENTS WITH HYPERTENSION, ELEVATED LEFT VENTRICULAR END DIASTOLIC PRESSURE, NORMAL EJECTION FRACTION AND NORMAL CORONARIES**

C.O. Ezeugwu, D. Dada, The Johns Hopkins University School of Medicine, Baltimore, MD, USA

21

**ROLE OFHEME OXYGENASE SYSTEM IN THE REGULATION OF CIRCULATION IN CONSCIOUS RATS**

H. Hirakawa, Y. Hayashida

Chikuhou Social Insurance Hospital, Nogata, Fukuoka, Japan

22

**SALT LOADING ON PLASMA ASYMMETRICAL DIMETHYLARGININE AND THE PROTECTIVE ROLE OF POTASSIUM SUPPLEMENT IN NORMOTENSIVE SALT-SENSITIVE ASIANS**

F. Yuan, M. Jian-Jun, H. Long-Chong, W. Si-Cen, L. Zhi-Quan

Xian Jiaotong University Medical School No 1 Hospital, China

23

**THE EFFECT OF HYPERTENSION ON SERUM NITRIC OXIDE AND VASCULAR ENDOTHELIAL GROWTH FACTOR CONCENTRATIONS. A STUDY IN DOCA-SALT HYPERTENSIVE OVARIECTOMIZED RATS**

M. Khazaei, M. Nematbakhsh

Medical University of Esfahan, Esfahan, Iran

24

**ROLE OF COAGULATION FACTOR VII HYPERCOAGULANT ACTIVITY IN INSULIN-RESISTANT HYPERTENSIVE SUBJECTS**

R.A. Karatela, G.S. Sainani

Jaslok Hospital and Research Centre, Mumbai, Maharashtra, India

25

**HEART FAILURE WITH NORMAL ELECTROCARDIOGRAM. HYPERTENSION THE MOST PREVALENT ETIOLOGY**

N. Murga, J.L. Lopez-Sendon, M. Crespo, J. Aznar, L. Ruiz, A. Matali, J. Blanco, J. Aznar-Vicente, Hospital de Basurto, Bilbao, Spain

26

**PLASMA LIPID LEVELS IN NEWLY DIAGNOSED HYPERTENSIVES IN NORTHEASTERN NIGERIA**

M.A. Talle, O. Enyikwola, A. Adelaiye

College of Medical Sciences, University of Maiduguri, Maiduguri, Nigeria
MONDAY, JULY 30, 2007
14:00-18:00
Poster Hall

P404: Poster Session
MODIFICATION OF LIPOPROTEINS AND CORONARY DISEASE

27 LOX-1 IS INVOLVED IN HIGH FAT DIET-INDUCED ARTERIAL LIPOID-DEPOSITION IN SHR-SP
A. Nakano, F. Sugawara, Y. Fujita, I. Yamaguchi, N. Inoue, T. Sawamura
National Cardiovascular Center, Suita, Osaka, Japan

28 EFFECTS OF ROSUVASTATIN ON PROBNP LEVELS IN PATIENTS WITH CHRONIC ATRIAL FIBRILLATION
E. Okuyan, D. Tigli, M.O. Levent, A. Uslu, A.E. Torun
Serifebaci State Hospital, Kastamonu, Turkey

29 INFLUENCE OF APOLIPOPROTEIN A-I POLYMORPHISM ON RESPONSE TO PRAVASTATIN IN CHINESE HYPERCHOLESTEROLEMIC PATIENTS
X.L. Zhao, F. Wu, J.F. Ji, S.J. Guo, S.M. Wang, H. Zhou, J.J. Li, Beijing Tongren Hospital, Affiliated to Capital Medical University, Beijing, China

30 OXIDIZED LDL CAN PREDICT THE SEVERITY OF ATHEROSCLEROSIS IN YOUNG PATIENTS WITH AN ACUTE CORONARY EVENT
K. Triantafyllou, S. Koulouris, D. Sakellariou, S. Pastromas, M. El-Ali, A. Papapanagiotou, C. Nounopoulos, A. Kalofoutis, V. Kokkinou, A.S. Manolis, Evangelismos General Hospital Athens, Athens University Medical School Athens, Greece

31 RELATIONSHIP BETWEEN TAQ1 POLYMORPHISMS AT CHOLESTEROL ESTER TRANSFER PROTEIN AND THE EFFICACY OF POLOCOSANOL
X.L. Zhao, Y.L. Cui, F. Wu, S.J. Guo, S.M. Wang, H. Zhou, J.J. Li, J.F. Ji, Beijing Tongren Hospital, Beijing, China

32 RECOVERY OF IMPAIRED CORONARY FLOW RESERVE BY ROSUVASTATIN IN ACUTE CORONARY SYNDROME
D.H. Kang, M.J. Kim, J.M. Song, M.K. Hong, J.K. Song, S.W. Park, S.J. Park, Asan Medical Center, Seoul, South Korea

33 COMPARISON OF THE EFFECTS OF LOW CALORIE DIET WITH LEVOSTATIN ON SERUM LIPOPROTEINS, APOB-100, HOMOCYSTEINE AND TOTAL ANTIOXIDANT CAPACITY IN OBESE HYPERLIPIDEMIC PATIENTS
F. Shidfar, J. Hajmiresmail, S. Hosseyni, S. Shidfar, I. Heydari
School of Medicine, Iran University of Medical Sciences, Tehran, Iran

34 RELATIONSHIP BETWEEN APOLIPOPROTEINB CONCENTRATIONS AND HDL SUBCLASSES DISTRIBUTION
L. Tian, X. Wu, M. Fu, Y. Qin, Y. Xu, L. Jia, Y. Tian
Sichuan University, Chengdu, Sichuan, People’s Republic of China

35 DIFFERENTIAL EFFECT OF STATINS ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL LEVEL
S.H. Kim, M.K. Kim, Y.Y. Yoon, J.H. Zo, M.A. Kim, H.S. Kim, D.W. Sohn, B.H. Oh, Y.B. Park, Y.S. Choi, Seoul National University College of Medicine and Seoul Metropolitan Boramae Hospital, South Korea

36 EFFECT OF SUPPLEMENTATION OF FENUGREEK SEEDS (TRIGONELLA FOENUM –GRAECUM) ON LIPID PROFILE OF HYPERCHOLESTEROLEMIC SUBJECTS
A.M. Chutani, N. Dwivedi, S.T. Wig, All India Institute of Medical Sciences, New Delhi, India
### P405: Poster Session

**CATHETER-BASED CORONARY INTERVENTIONS**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td>499</td>
<td>MORBIDITY AND MORTALITY OF PATIENTS WITH NORMAL ELECTROCARDIOGRAMS AND ACUTE MYOCARDIAL INFARCTIONS UNDERGOING DIRECT PERCUTANEOUS CORONARY INTERVENTION OF THE LEFT CIRCUMFLEX ARTERY</td>
<td>J. Cavalcante, M. Al-Mallah, D. Kenigsberg, S.C. Krishnan, S. Khanal Henry Ford Heart &amp; Vascular Institute, Detroit, MI, USA</td>
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</tr>
<tr>
<td>38</td>
<td>500</td>
<td>PREVALENCE AND CHARACTERISTICS OF ECTASIA IN 10,500 PATIENTS HAVING CORONARY ANGIOGRAPHY</td>
<td>G.D. Giannoglou, A.P. Antoniadis, Y.S. Chatzizisis, E. Damvopoulou, G.E. Parcharidis, G.E. Louridas, AHEPA University Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece</td>
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<tr>
<td>39</td>
<td>501</td>
<td>EFFECT OF PERCUSURGE DEVICE ON MICROVASCULATURE INTEGRITY AND OUTCOME DURING PRIMARY CORONARY INTERVENTION</td>
<td>H.K. Yip, C.J. Wu Chang Gung Memorial Hospital, Chang Gung Medical University, Kaohsiung, Taiwan, ROC</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>502</td>
<td>GENDER RELATED DIFFERENCES IN 17500 CASES HAVING CORONARY ANGIOGRAPHY</td>
<td>G.D. Giannoglou, A.P. Antoniadis, Y.S Chatzizisis, E. Damvopoulou, G.E. Parcharidis, G.E. Louridas AHEPA University Hospital, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece</td>
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<tr>
<td>41</td>
<td>503</td>
<td>PREVALENCE OF OBSTRUCTIVE CORONARY ARTERY DISEASE IN PATIENTS WITH AND WITHOUT STROKE UNDERGOING CORONARY ANGIOGRAPHY FOR CHEST PAIN</td>
<td>R. Sandhu, W.S. Aronow, R. Sukhija, A. Rajdev New York Medical College, Valhalla, NY, USA</td>
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</tr>
<tr>
<td>42</td>
<td>504</td>
<td>PREVALENCE AND CHARACTERISTICS OF LEFT MAIN CORONARY ARTERY DISEASE IN 17,300 CASES</td>
<td>G.D. Giannoglou, A.P. Antoniadis, Y.S Chatzizisis, E. Damvopoulou, G.E. Parcharidis, G.E. Louridas, AHEPA University Hospital, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece</td>
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<tr>
<td>43</td>
<td>505</td>
<td>PREDICTORS OF 30-DAY MORTALITY IN PATIENTS WITH STEMI TREATED WITH PRIMARY ANGIOPLASTY</td>
<td>M. Pyda, M. Lanocha, M. Korybalska, K. Ksiazek, S. Grajek, A. Katarzynska, M. Lesiak, M. Grygier, J. Witowski, A. Cieslinski University of Medical Sciences, Poznan, Poland</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>506</td>
<td>A CONTRAST REMOVAL SYSTEM FROM THE CORONARY SINUS USING AN ADSORBING COLUMN DURING CORONARY ANGIOGRAPHY IN SWINE</td>
<td>I. Michishita, Yokohama Sakaey Kyoai Hospital, Yokohama, Japan</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>507</td>
<td>PROGNOSIS ACCORDING TO GENDER AFTER PERCUTANEOUS CORONARY INTERVENTION</td>
<td>J. Lacalzada, A. Barragan, A. Duque, G. Yanes, C. Enjuanes, I. Hernandez, S. Rodriguez, I. Laynez, F. Bosa, F. Marrero University Hospital, La Laguna, Tenerife, Spain</td>
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</tbody>
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MONDAY, JULY 30, 2007

14:00-18:00 P405(Cont) Poster Hall

Board No. Abstract No.

46  EARLY AND LATE RESULTS OF PERCUTANEOUS BALLOON ANGIOPLASTY OF INFERIOR VENA CAVA IN BUDD-CHIARI SYNDROME. SINGLE CENTER REPORT OF FOUR INTERESTING CASES

M. Ebrahimi, H. Modaghegh
Mashhad University of Medical Sciences, Mashhad, Iran

47  PREDICTORS AND TIME-RELATED IMPACT OF DISTAL EMBOLIZATION DURING DIRECT ANGIOPLASTY

M. Napodano, C. Fraccaro, G. Tarantini, R. Razzolini, S. Iliceto, A. Ramondo, University of Padova, Padova, Italy

48  EFFECTS OF LEVOSIMENDAN VERSUS DOBUTAMINE ON LEFT VENTRICULAR DIASTOLIC FUNCTION IN PATIENTS WITH CARDIOGENIC SHOCK AFTER PRIMARY ANGIOPLASTY

A. Dominguez-Rodriguez, S. Samimi-Fard, M.J. Garcia-Gonzalez, P. Abreu-Gonzalez, University Hospital of Canarias, Tenerife, Spain

49  THROMBUS ASPIRATION WITH EXPORT CATHETER IN ST ELEVATION MYOCARDIAL INFARCTION

Azienda Ospedaliero Universitaria Careggi, Florence, Italy

50  DYNAMICS OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH RECURRENT ISCHEMIA AFTER PERCUTANEOUS REVASCULARIZATION

Tyumen Cardiology Center, Tyumen, Russia

51  PATIENTS UNDERGOING CORONARY ANGIOPLASTY IN 2005 ARE OLDER AND HAVE A HIGHER PREVALENCE OF DIABETES, HYPERTENSION, AND INCREASED BODY MASS INDEX THAN PATIENTS UNDERGOING CORONARY ANGIOPLASTY IN 1996


P406: Poster Session
SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION, CARDIAC REHAB

52  THE PROGNOSTIC VALUE OF C-REACTIVE PROTEIN IN PATIENTS WITH NORMAL OR NON-OBSTRUCTIVE CORONARY ARTERY DISEASE AT ANGIOGRAPHY

M.T. Chou, C.C. Cheng, Z.C. Chen, T.Y. Huang, Chime-Mei Medical Center, Tainan, Taiwan

53  ANTIPLATELET AGENTS USE ASSOCIATED WITH REDUCED SEVERITY OF ACUTE ISCHEMIC STROKE

M. Moonis, L. Busekroos, K. Kane, M. Fisher
UMass Medical Center, Worcester, MA, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>517</td>
<td>STATINS IN INTERMITTENT CLAUDICATION: A META-ANA\LYSIS</td>
<td>A.S. De Guzman, M.F. Luque. Heart Institute, St Lukes Medical Center, Quezon City, Philippines</td>
</tr>
<tr>
<td>55</td>
<td>518</td>
<td>NEUTROPHILS AND INTERLEUKIN-6 PREDICT LONG-TERM SURVIVAL AFTER ACUTE MYOCARDIAL INFARCTIONS</td>
<td>P. Jaremo, O. Nilsson. The Vrinnevi Hospital, Norrkoping, Sweden</td>
</tr>
<tr>
<td>56</td>
<td>519</td>
<td>FACTORS PREDICTIVE OF INPATIENT HOSPITAL MORTALITY AFTER ACUTE ISCHEMIC STROKE</td>
<td>M. Moonis, K. Kane, M. Fisher. UMass Medical Center, Worcester, MA, USA</td>
</tr>
<tr>
<td>57</td>
<td>520</td>
<td>ADVERSE DRUG REACTIONS AND THE TREATMENT OF WOMEN WITH CORONARY ARTERY DISEASE</td>
<td>J.R. Enriquez, P. Pratap, J.P. Zbilut, J.E. Calvin, A.S. Volgman. Rush University Medical Center, Chicago, IL, USA</td>
</tr>
<tr>
<td>58</td>
<td>521</td>
<td>INCREASED SYMPTOMS OF FATIGUE IN THE COURSE OF A 12-MONTH PERIOD PREDICT READMISSION IN CHRONIC HEART FAILURE</td>
<td>O.R.F. Smith, A.A. Schiffer, J.B. Winter, Y. Gidron. Tilburg University, Tilburg, The Netherlands</td>
</tr>
<tr>
<td>61</td>
<td>524</td>
<td>D-DIMER AS A RISK FACTOR FOR OCCULT CANCER AND CARDIOVASCULAR EVENTS IN THE PROLONG STUDY</td>
<td>B. Cosmi, C. Legnani, E. Favaretto, G. Guazzaloca, A. Tripodi, G. Palareti. S. Orsola-Malpighi University Hospital, Dept. of Angiology and Blood Coagulation <em>M.Golinelli</em>, Bologna, Italy</td>
</tr>
</tbody>
</table>
# MONDAY, JULY 30, 2007

## P407: Poster Session
**PRACTICE GUIDELINES, COST CONTAINMENT**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>528</td>
<td>EVALUATION OF THE EFFECT OF ACTIVE EDUCATION ON ANXIETY LEVEL IN PATIENTS WAITING FOR CORONARY ANGIOPLASTY. <strong>A. Tabatabaee</strong>, Islamic Azad University, Quchan, Khorasan, Iran, Medical Science University, Mashhad, Iran</td>
</tr>
<tr>
<td>65</td>
<td>529</td>
<td>DISEASE MANAGEMENT PROGRAMS FOR HEART FAILURE: WHAT ARE THE CRUCIAL CHARACTERISTICS? <strong>D.S.F. Yu</strong>, D.R. Thompson, The Nethersole School of Nursing, The Chinese University of Hong Kong, Hong Kong</td>
</tr>
</tbody>
</table>

## P408: Poster Session
**ANTITHROMBOTIC AND ANTIPLATELET ADJUNCTIVE THERAPY FOR PTCA**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td>530</td>
<td>BLOCKADE OF FIBRINOGEN GAMMA CHAIN C-TERMINUS PREVENTS PLATELET-RICH THROMBUS FORMATION. <strong>C.Z. Liu</strong>, T.F. Huang, P.J. Tsai, Tzu Chi University, Hualien, Taiwan</td>
</tr>
<tr>
<td>67</td>
<td>531</td>
<td>DELAYED BIVALIRUDIN OR HEPARIN ADMINISTRATION FOR TRANSRADIAL CORONARY ANGIOGRAPHY WITH POSSIBLE AD HOC PERCUTANEOUS CORONARY INTERVENTION. <strong>W.J. Cantor</strong>, S. Plante, <strong>L. Goldman</strong>, S. Miner, A. Ganapathy, Southlake Regional Health Centre, Newmarket, Ontario, Canada</td>
</tr>
<tr>
<td>68</td>
<td>532</td>
<td>SAFETY OF EPITAFIBATIDE IN ACUTE CORONARY SYNDROME PATIENTS UNDER GOING EARLY ANGIOPLASTY WITH MILD RENAL INSUFFICIENCY. <strong>J. Maddury</strong>, A. Madhavapeddi, D. KV, Nizam's Institute of Medical Sciences, AP, India</td>
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## P409: Poster Session
**LEFT VENTRICULAR REMODELING AFTER MI**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>69</td>
<td>533</td>
<td>THERAPEUTIC DRUGS DURING HEALING MYOCARDIAL INFARCTS MODIFY INFARCT COLLAGENS, AND VENTRICULAR DISTENSIBILITY. <strong>B.I. Jugdutt</strong>, H. Idikio, R. Uwiera, University of Alberta, Edmonton, Alberta, Canada</td>
</tr>
</tbody>
</table>
## MONDAY, JULY 30, 2007

### P410: Poster Session

**Board No.**

<table>
<thead>
<tr>
<th>#</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>534</td>
<td>MYELOPEROXIDASE CONCENTRATION PREDICTS SYSTEMIC INFLAMMATORY RESPONSE SYNDROME IN ACUTE MYOCARDIAL INFARCTION</td>
<td>M.J. Garcia-Gonzalez, A. Dominguez-Rodriguez, P. Abreu-Gonzalez, S. Samimi-Fard, A. Sanchez-Grande Flecha</td>
<td>Hospital Universitario de Canarias, La Laguna, Tenerife, Spain</td>
</tr>
<tr>
<td>71</td>
<td>535</td>
<td>HIGH-DOSE SINGLE-BOLUS SHORT-INFUSION IIb/IIia INHIBITION WITH TIROFIBAN IN PERIPHERAL INTERVENTIONS</td>
<td>D.E. Allie, C.J. Hebert, M.D. Lirtzman, C.H. Wyatt, V.A. Keller, R. Patlola, E.V. Mitran, C.M. Walker</td>
<td>Cardiovascular Institute of the South, Lafayette, LA, USA</td>
</tr>
<tr>
<td>73</td>
<td>537</td>
<td>TROPONIN INTRODUCTION INCREASED THE NUMBER OF PATIENTS WITH A DISCHARGE DIAGNOSIS OF MYOCARDIAL INFARCTION BUT DID NOT CHANGE OVERALL MORTALITY: A TWELVE-YEAR EXPERIENCE FROM A TERTIARY CARE CENTER</td>
<td>F.J. Al Badarin, R. Hasan, M. Jankawski, S. Khanal, J. McCord</td>
<td>Henry Ford Hospital, Detroit, MI, USA</td>
</tr>
<tr>
<td>74</td>
<td>538</td>
<td>EFFICACY AND SAFETY OF BIVALIRUDIN VERSUS HEPARINS IN REDUCTION OF CARDIAC OUTCOMES IN ACUTE CORONARY SYNDROME AND PCI</td>
<td>S. Singh, J. Molnar, R. Arora, Chicago Medical School, Chicago, IL, USA</td>
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</tr>
<tr>
<td>75</td>
<td>539</td>
<td>ELEVATED CARDIAC TROPONIN I LEVELS IN PATIENTS WITH AND WITHOUT MYOCARDIAL INFARCTION</td>
<td>M. Blich, A. Sebbag, J. Attias, W. Markiewicz, Rambam Medical Center, Haifa, Israel</td>
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</tr>
<tr>
<td>76</td>
<td>540</td>
<td>THE PROGNOSTIC VALUE OF THE 12-LEAD ELECTROCARDIOGRAM (ECG) IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROMES (ACS): INSIGHTS FROM THE GLOBAL REGISTRY OF ACUTE CORONARY EVENTS (GRACE) ECG SUBSTUDY</td>
<td>M. Petrina, K.A. Eagle, J. Lopez-Sendon, P.G. Steg, K.A. Fox, M. Stiles, A. Quill, S.G. Goodman, Michael Reese Hospital, University of Illinois at Chicago, Chicago, IL, USA</td>
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### P411: Poster Session

**Title**

**NEW CONCEPTS IN STRESS TESTING AND ECHOCARDIOGRAPHY**

**Abstract No.**

<table>
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<tr>
<th>#</th>
<th>Title</th>
<th>Authors</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>77</td>
<td>ASSESSMENT OF DOPPLER DERIVED CORONARY FLOW RESERVE ADDS FURTHER DIAGNOSTIC VALUE TO BOTH STANDARD AND STRAIN-RATE DOBUTAMINE STRESS ECHOCARDIOGRAPHY</td>
<td>A. Vitarelli, Y. Conde, E. Cimino, S. D’Orazio, S. Stellato, D. Battaglia, V. Padella, F. Caranci, G. Continanza, O. Dettori, La Sapienza University, Rome, Italy</td>
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</tbody>
</table>
TUESDAY, JULY 31, 2007

08:30-11:15  
Hall A

PL17: Plenary Session
NEW HORIZONS IN THE MANAGEMENT OF HEART FAILURE

Chairpersons:  
R.E. Hobbs, Cleveland, OH, USA  
J.N. Nanas, Athens, Greece

Abstract No.

08:30  
THE ROLE OF HEART FAILURE CASE MANAGEMENT PROGRAM AND OUTCOMES (Invited Lecture)
A. Ducharme, Montreal Heart Institute, Montreal, Quebec, Canada

08:45  
CARDIOVASCULAR DISEASE IN RENAL FAILURE: WHAT'S NEW? (Invited Lecture)
R.R. Wenzel, Clinic of Internal Medicine Cardiology & Nephrology, Teaching Hospital of the Paracelsus University Salzburg, Zell am See, Austria

09:00  
AQUARETIC AGENTS IN HEART FAILURE (Invited Lecture)
R.E. Hobbs, Cleveland Clinic, Cleveland, OH, USA

09:15  
INOTROPES IN ADVANCED HEART FAILURE. A MINORITY OPINION (Invited Lecture)
J.N. Nanas, University of Athens Medical School, Athens, Greece

09:30  
THE (PRO)RENIN RECEPTOR: A NEW ADDITION TO THE RENIN-ANGIOTENSIN SYSTEM? (Invited Lecture)
A.H.J. Danser, Erasmus Medical Center, Rotterdam, The Netherlands

09:45  
CHANGING PARADIGMS OF CARDIOVASCULAR INTERVENTIONS (Invited Lecture)
H.K. Reddy, R.C. Komatireddy, D.J. Voelker, G. Bhatt University of Arkansas for Medical Sciences, Little Rock, AR, USA

10:00  
THE IMPACT OF BETA BLOCKERS ON CENTRAL SLEEP APNEA IN CHRONIC HEART FAILURE (Invited Lecture)
A. Tamura, Oita University, Yufu, Japan

10:15  
METABOLIC THERAPY FOR THE TREATMENT OF HEART FAILURE (Invited Lecture)
G. Rosano, IRCCS San Raffaele Roma, Italy

10:30  
THE ROLE OF TGF-BETA SIGNALING IN HEALING MYOCARDIAL INFARCTS – MECHANISTIC CONCEPTS AND CLINICAL IMPLICATIONS (Invited Lecture)
N.G. Frangogiannis, Baylor College of Medicine, Houston, TX, USA

10:45  
METABOLIC MODULATION IN HEART FAILURE: HOPE OR HYPE? (Invited Lecture)
W.H. Tang, Cleveland Clinic, Cleveland, OH, USA

11:00  
LONG-TERM TRIMETAZIDINE TREATMENT REDUCES MORTALITY AND IMPROVES CLINICAL STATUS OF PATIENTS WITH ISCHEMIC DILATED CARDIOMYOPATHY
P. Di Napoli, P. Di Giovanni, M.A. Gaeta, G. D'Apolito, S. De Iorio, A. Barsotti, Casa di Cura Villa Pini d'Abruzzo, Chieti, Italy

11:15  
COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL18:  
**Plenary Session**  
**CARDIOPROTECTIVE MECHANISMS IN MYOCARDIAL ISCHEMIA**

Chairpersons:  
W. Laskey, Albuquerque, NM, USA  
C. Szabo, Seattle, WA, USA

08:30  
**PEPTIDE-INDUCED CARDIOPROTECTION - INSIGHTS INTO NOVEL MECHANISMS (Invited Lecture)**

**C.L. Wainwright**, S.K. Walsh, K.A. Kane  
The Robert Gordon University, Aberdeen, Scotland, UK

08:45  
**ROLE OF PROTEIN KINASE C IN REPERFUSION ARRHYTHMIAS**  
(Invited Lecture)

**M. Boutjdir**, VA NY Harbor Healthcare System, SUNY Downstate Medical Center and NYU School of Medicine, NY, USA

09:00  
**ISCHEMIC PRE-AND POST-CONDITIONING: CLINICALLY RELEVANT OR NOT? (Invited Lecture)**

**W. Laskey**, University of New Mexico, Albuquerque, NM, USA

09:15  
**CYTOPROTECTIVE AND CARDIOPROTECTIVE EFFECTS OF HYDROGEN SULFIDE (Invited Lecture)**

**C. Szabo**, Ikaria Inc, Seattle, WA, USA

09:30  
**LIMITING MYOCARDIAL ISCHEMIA-REPERFUSION INJURY: PRECONDITIONING, POSTCONDITIONING AND BEYOND**  
(Invited Lecture)

**K. Przyklenk**, UMass Medical School, Worcester, MA, USA

09:45  
**TEMPORARY CORONARY OCCLUSION DURING OFF-PUMP CORONARY ARTERY BYPASS GRAFTING WITH THE NEW POLOXAMER P047 DOES NOT CAUSE ENDOTHELIAL DYSFUNCTION IN EPICARDIAL CORONARY ARTERIES**  
(Invited Lecture)

O. Bouchot, M.C. Aubin, M. Carrier, W.E. Cohn, **L.P. Perrault**  
Montreal Heart Institute, Montreal, QC, Canada

10:00  
**INSULIN-TRIGGERED CELL SURVIVAL SIGNALING AND ITS PROTECTION AGAINST MYOCARDIAL ISCHEMIA/REPERFUSION INJURY (Invited Lecture)**

H.C. Wang, **F. Gao**, Xijing Hospital, Fourth Military Medical University, Xi’an, China

10:15  
**DNAZYMES IN THE TREATMENT OF CARDIOVASCULAR DISEASE**  
(Invited Lecture)

**H.C. Lowe**, L.M. Khachigian, Concord Repatriation General Hospital, NSW, Centre for Vascular Research, NSW, Australia

10:30  
**CARDIOPROTECTIVE ACTIONS OF ADIPONECTIN (Invited Lecture)**

**N. Ouchi**, Boston University School of Medicine, Boston, MA, USA

10:45  
**THE NO-REFLOW PHENOMENON: DIAGNOSIS AND TREATMENT**  
(Invited Lecture)

**L. Galiuto**, Catholic University of the Sacred Heart, Rome, Italy

11:00  
**MITOCHONDRIAL ATP-SENSITIVE POTASSIUM CHANNEL OPENING ATTENUATES POSTISCHEMIC MYOCARDIAL HYPEROXYGENATION**  
S. Zhou, B. Liu, X. Zhu, J.L. Zweier, **G. He**  
The Ohio State University, Columbus, OH, USA

11:15  
**COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
TUESDAY, JULY 31, 2007

08:30 – 11:15

S64 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairpersons: Y. Charuzi, Los Angeles, CA, USA
L.S. Czer, Los Angeles, CA, USA

08:30 ACCURACY OF IN VIVO CORONARY PLAQUE MORPHOLOGY ASSESSMENT: A VALIDATION STUDY OF IN VIVO VIRTUAL HISTOLOGY COMPARED WITH IN VITRO HISTOPATHOLOGY
Toyohashi Heart Center, Toyohashi, Aichi, Japan

08:45 DELAYED ENHANCEMENT MAGNETIC RESONANCE IMAGING AND END-DIASTOLIC WALL THICKNESS IN THE PREDICTION OF RECOVERY OF LEFT VENTRICULAR FUNCTION AFTER CORONARY ARTERY BYPASS SURGERY
R. Krittayaphong, T. Boonyasirinant, P. Saiviroonporn, S. Nakyen, P. Thanapiboonpol, C. Kangkagate, Siriraj Hospital, Mahidol University, Bangkok, Thailand

09:00 NON-INVASIVE DIAGNOSIS OF CORONARY ARTERY DISEASE USING CARDIOGONIOMETRY PERFORMED AT REST
M. Schupbach, B. Emese, P. Loretan, E. Sanz, B. Meier
University Hospital, Bern, Switzerland

09:15 A NEW METHOD FOR THE NON-INVASIVE ASSESSMENT OF PERIPHERAL ARTERY DISEASE
H.J. Semler, J. McNames, S. Semler
Good Samaritan Hospital, Portland, OR, USA

09:30 ECHOCARDIOGRAPHIC CHARACTERISTICS OF PROFESSIONAL FOOTBALL PLAYERS
A.M. Hutter Jr, W.B. Abernathy, J.K. Choo,
Massachusetts General Hospital, Boston, MA, USA

09:45 INCIDENCE OF SIGNIFICANT CORONARY ARTERY DISEASE WITH ZERO CALCIUM SCORES IN A DIVERSE PATIENT POPULATION WITH A CLINICAL SUSPICION OF ISCHEMIC HEART DISEASE: INCREMENTAL VALUE OF 64-SLICE CT CORONARY ANGIOGRAPHY OVER CALCIUM SCAN
T.K. Jarreau, S. Khoobiar, A. Novic, R. Shoenfeld, M. Cohen, C. Chen
Newark Beth Israel Medical Center, Newark, NJ, USA

10:00 MULTISLICE COMPUTER TOMOGRAPHIC ANGIOGRAPHY FOR EVALUATION OF CORONARY ARTERY LESION MORPHOLOGY AND RELATION TO CLINICAL PRESENTATION
G.J. Friedrich, S. Abbrederis, W. Koelli, F. Weidinger, H. Alber, J. Doerler, A. Suessenbacher, W. Grander, O. Pachinger, G.M. Feuchtner, Innsbruck Medical University, Innsbruck, Austria

10:15 IS M-MODE ECHOCARDIOGRAPHY A RELIABLE METHOD FOR V-V OPTIMIZATION DURING CARDIAC RESYNCHRONIZATION THERAPY?
H. Acosta, V.R. Pothula, D. Adams, A.D. Waggoner
Trinity Medical Center Rock Island IL, USA
FRAGMENTED QRS IN BUNDLE BRANCH BLOCK ON A 12-LEAD ECG PREDICTS MYOCARDIAL SCAR

H.S. Suradi, W. Maskoun, M.A. Michael, H. El Masry, M.K. Das
Krannert Institute of Cardiology, Indiana University, Indianapolis, IN, USA

SPECKLE TRACKING ECHOCARDIOGRAPHY (STE) - VARIABILITY AND REPRODUCIBILITY STUDY


STRESS NUCLEAR AND STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH SEVERE BALANCED CORONARY ARTERY DISEASE

Montefiore Medical Center, New York, NY, USA

BAROREFLEX ACTIVATION THERAPY FOR THE TREATMENT OF HEART FAILURE (Invited Lecture)

H. Sabbah, Henry Ford Health System, Detroit, MI, USA

SURGICAL OPTIONS FOR END-STAGE HEART FAILURE (Invited Lecture)

R. Hetzer, C. Knosalla, Deutsches Herzzentrum Berlin, Germany

THE SELECTION OF PATIENTS WITH HEART FAILURE WHO BENEFIT FROM CARDIAC RESYNCHRONIZATION THERAPY (Invited Lecture)

M.H. Pitzalis, The Brody School of Medicine, ECU, USA

HEART RETRANSPANTATION: IS IT A VIABLE OPTION AND IF SO, WHEN? (Invited Lecture)

University of Wisconsin, Madison, WI, USA

PEDIATRIC MECHANICAL CIRCULATORY SUPPORT: NEW DEVICES AND LATEST DEVELOPMENTS (Invited Lecture)

B.W. Duncan, Pediatric and Congenital Heart Surgery, Cleveland Clinic, Cleveland, OH, USA
TUESDAY, JULY 31, 2007

11:15-14:00 PL19(Cont) Hall A

Abstract No. 671

12:30 DONOR CARDIAC ALLOGRAFTS WITH MILD OR MODERATE LVH CAN BE SAFELY USED FOR TRANSPLANTATION
L. Czer, S. Goland, R. Siegel, J. Mirocha, M. De Robertis, J. Lee, B. Coleman, A. Trento, Divisions of Cardiology and Cardiothoracic Surgery, Cedars-Sinai Medical Center, Los Angeles, California, USA

12:45 MANAGEMENT AND EVALUATION OF HEART FAILURE AFTER CARDIAC RESYNCHRONIZATION THERAPY (Invited Lecture)
J.M. Aranda, Jr., University of Florida College of Medicine, Gainesville, FL, USA

13:00 ICD THERAPY IN PATIENTS WITH ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY (Invited Lecture)
F. Duru, University Hospital, Zurich, Switzerland

13:15 PATIENT SELECTION FOR LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION AN ENDLESSLY MOVING TARGET (Invited Lecture)
Y. Naka, Columbia University, New York, NY, USA

13:30 PERCUTANEOUS LEFT VENTRICULAR SUPPORT (Invited Lecture)
J.P.S. Henriques, K.D. Sjauw, Academic Medical Center, Amsterdam, The Netherlands

13:45 CARDIAC RESYNCHRONIZATION THERAPY IN PATIENTS WHO DO NOT CONFORM TO THE OFFICIAL GUIDELINES (Invited Lecture)
I.E. Ovsyshcher, Ben Gurion University, Beer Sheva, Israel

11:15-14:00 PL20: Plenary Session Hall B

ISCHEMIC HEART DISEASE: EPIDEMIOLOGY, RISK ASSESSMENT AND NEW TREATMENT STRATEGIES

Chairpersons: L.C. Becker, Baltimore, MD, USA
U. Thadani, Oklahoma City, OK, USA

11:15 TREATMENT OF STABLE ANGINA: WHAT WORKS AND WHAT IS NEW (Invited Lecture)
U. Thadani, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

11:30 ASPIRIN RESISTANCE: FACT OR FALLACY? (Invited Lecture)
L.C. Becker, N. Faraday, J.E. Herrera-Galeano, L.R. Yanek, M.D. Fallin, T. Moy, A.F. Wilson, P.F. Bray, D.M. Becker, Johns Hopkins University School of Medicine, Baltimore, MD, USA

11:45 SECONDARY PREVENTION OF CORONARY HEART DISEASE IN WOMEN (Invited Lecture)
V. Bittner, University of Alabama at Birmingham, Birmingham, AL, USA

12:00 HEART DISEASE IN AFRICA: IS THERE AN EPIDEMIOLOGIC TRANSITION (Invited Lecture)
P.J. Commerford, University of Cape Town, Cape Town, South Africa

97
TUESDAY, JULY 31, 2007

11:15-14:00 PL20(Cont)  Hall B

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>11:15</td>
<td>PERSONALIZED PROGNOSIS FOR DECISION MAKING: ACTUALIZING THE FRAMINGHAM DREAM IN THE 21ST CENTURY (Invited Lecture)</td>
<td>E.H. Blackstone</td>
<td>Cleveland Clinic, Cleveland, OH, USA</td>
</tr>
<tr>
<td>12:15</td>
<td>WHY DO MEN HAVE MORE HEART DISEASE THAN WOMEN? (Invited Lecture)</td>
<td>K.S. Channer</td>
<td>Royal Hallamshire Hospital, Sheffield, S Yorkshire, UK</td>
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<tr>
<td>12:30</td>
<td>DEVICE MANAGEMENT OF REFRACTORY ANGINA: EFFECTIVE THERAPY OR WASTE OF TIME? (Invited Lecture)</td>
<td>G.W. Barsness</td>
<td>Mayo Clinic, Rochester, MN, USA</td>
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<tr>
<td>12:45</td>
<td>EVIDENCE-BASED ALTERNATIVE AND COMPLEMENTARY THERAPIES FOR CVD (Invited Lecture)</td>
<td>M. Paul-Labrador</td>
<td>Cedars-Sinai Medical Center, Los Angeles, CA, USA</td>
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<tr>
<td>13:00</td>
<td>CORONARY ARTERY DISEASE IN ASIAN INDIANS (Invited Lecture)</td>
<td>N.C. Bhalodkar</td>
<td>Bronx Lebanon Hospital, Bronx, NY, USA</td>
</tr>
<tr>
<td>13:15</td>
<td>EFFECTIVENESS OF CARDIAC DRUGS IN WOMEN (Invited Lecture)</td>
<td>L. Pilote</td>
<td>McGill University Health Center, Montreal, Quebec, Canada</td>
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<tr>
<td>13:45</td>
<td>BIOMARKERS IN UNSTABLE SYNDROMES</td>
<td>D. Tousoulis</td>
<td>Athens University Medical School, Athens, Greece</td>
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<td>Board No.</td>
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<td>1</td>
<td>595</td>
<td>LEFT ATRIAL TRANSPORT FUNCTION AFTER THE MAZE PROCEDUREASSES BY CINE MAGNETIC RESONANCE IMAGING</td>
<td>H. Yasuda, G. Matsumiya, M. Yoshitatsu, H. Matsue, T. Higuchi, K. Kitabayashi, Y. Sawa, S. Hamada, Osaka University School of Medicine, Suita, Osaka, Japan</td>
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<tr>
<td>2</td>
<td>596</td>
<td>POSTMORTEM INSITU MRI OF MYOCARDIAL INFARCTION STAGES CORRELATED TO AUTOPSY AND HISTOLOGY</td>
<td>C. Jackowski, A. Christe, M. Sonnenschein, E. Aghayev, M.J. Thali Institute of Forensic Medicine, University of Bern, Switzerland</td>
</tr>
<tr>
<td>3</td>
<td>597</td>
<td>31P NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY OF THE MYOCARDIUM AT 3 TESLA</td>
<td>G. Nallur Shivu, K. Abozguia, T.T. Phan, M.P. Frenneaux University of Birmingham, Birmingham, West Midlands, UK</td>
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<tr>
<td>4</td>
<td>598</td>
<td>MULTISLICE COMPUTER TOMOGRAPHIC CORONARY ANGIOGRAPHY FOR PREOPERATIVE RISK STRATIFICATION IN PATIENTS UNDERGOING LIVER TRANSPLANTATION</td>
<td>S. Abbrederis, G. Feuchtner, O. Pachinger, W. Vogel, E. Gassner, I. Graziadei, G.J. Friedrich, Innsbruck Medical University, Innsbruck, Austria</td>
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<tr>
<td>5</td>
<td>599</td>
<td>CORONARY AND AORTIC CALCIUM ASSESSMENT: IMPLICATIONS FOR EVALUATING CARDIOVASCULAR DISEASE RISK</td>
<td>N.D. Wong, Heart Disease Prevention Program, Division of Cardiology, University of California, Irvine, CA, USA</td>
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<tr>
<td>6</td>
<td>600</td>
<td>MULTIDETECTOR CT CORONARY ANGIOGRAPHY: EVOLVING NICHE IN ROUTINE UK CLINICAL PRACTICE</td>
<td>J.D.S. Higginson, Ulster Hospital, Belfast, UK</td>
</tr>
<tr>
<td>7</td>
<td>601</td>
<td>BOLD-MRI OF THE SKELETAL MUSCLE DURING ISCHEMIA IN PATIENTS WITH PAOD AND A CONTROL-GROUP</td>
<td>S. Potthast, A.C. Schulte, M. Aschwanden, D. Bilecen University of Basel, Switzerland</td>
</tr>
<tr>
<td>8</td>
<td>602</td>
<td>VALIDITY OF 64-DECTOR MULTISLICE SPIRAL COMPUTE TOMOGRAPHY IN THE DISCRIMINATION BETWEEN ISCHEMIC AND NONISCHEMIC DILATED CARDIOMYOPATHIES</td>
<td>J.H. Koh, M.Y. Kim, J.Y. Do, Kwandong University, Goyang, Gyeonggi, South Korea</td>
</tr>
</tbody>
</table>
P502: Poster Session
DRUG THERAPY IN HEART FAILURE

9 IMPACT OF OLMESARTAN ON PLASMA BRAIN NATRIURETIC PEPTIDE LEVELS IN AMBULATORY PATIENTS WITH HYPERTENSION
A. Duque, A. Barragan, J. Lacalzada, C. Perera, A. De La Rosa, A. Lara, G. Yanes, I. Laynez, Hospital Universitario de Canarias, La Laguna, Santa Cruz de Tenerife, Spain

10 EFFICACY AND SAFETY OF CARVEDILOL IN PATIENT WITH BTA-THALASSEMA MAJOR AND DILATED CARDIOMYOPATHY
G.H. Ajami, H. Amoozgar, M. Borzooee, M. Karimi, F. Piravian, F. Ashrafi, F. Beladi, Shiraz Medical School, Shiraz, Fars, Iran

11 THE EFFECT OF CONCOMITANT USE OF NEBIVOLOL AND SPIRONOLACTONE IN PATIENTS WITH MILD TO MODERATE CONGESTIVE HEART FAILURE
N. Krstic, M. Pavlovic, Z. Perisic, D. Milic, S. Salinger, A. Stojkovic, V. Erakovic, Medical Faculty, Nis, Serbia

12 ENDOTHELIN MEDIATES THE EFFECTS OF ACTIVATION OF BETA-RECEPTOR ON FKBP12.6 AND SERCA2A THAT RELATES TO PKC-EPSILON PATHWAY
N. Li, N. Jia, D.Z. Dai, Y. Dai, China Pharmaceutical University, Nanjing, China

P503: Poster Session
MECHANICAL SUPPORT, LEFT VENTRICULAR ASSIST DEVICES

13 CARDIAC DEVICES-THE FUTURE IS NOW
H.S. Arora, P. Loyalka, B. Kar, R. Delgado
Texas Heart Institute/St Luke’s Episcopal Institute, Houston, TX, USA

14 MECHANICAL CIRCULATORY ASSISTANCE AS A BRIDGE TO HEART TRANSPLANTATION. THE ONASSIS CARDIAC SURGERY CENTRE EXPERIENCE
A. Gkouziouta, P. Sirakis, S. Adamopoulos, A. Manginas, G. Karavolias, L. Tsourelis, Th. Antoniou, G. Theodorakis, D. Cocksinos, P. Alivizatos
Onasis Cardiac Surgery Centre, Athens, Greece

15 ACUTE NECROTIZING EOSINOPHILIC MYOCARDITIS: BRIDGE TO RECOVERY WITH VENTRICULAR ASSIST DEVICE SUPPORT
Lankenau Hospital, Wynnewood, PA, USA
P504: 

**Board No.**

16

**Abstract No.**

610

**Poster Session**

**VALVULAR HEART DISEASE/HEART VALVE SURGERY II**

**Poster Hall**

**Poster No.**

16

**Title:** POSTERIOR PERICARDIAL APPROACH FOR ASCENDING-TO-DESCENDING AORTIC BYPASS FOR ANASTOMOTIC LEAK OF INFECTED INTERPOSITIONAL GRAFT

**Authors:** Y.L. Chua, M. Nakao, S.L. Lim, K.H. Tay

**Institution:** Department of Cardiothoracic Surgery, National Heart Centre, Singapore

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**Poster No.**

17

**Title:** EFFECT OF PATIENT-PROSTHESIS MISMATCH ON LONG-TERM SURVIVAL: ASSESSMENT TO 15 YEARS WITH AORTIC VALVE REPLACEMENT

**Authors:** W.R.E. Jamieson, P. Piobarot, J.G. Dumesnil, J. Ye, A. Cheung, E. Germann, F. Chan, J.S. MacNab, E.A. Stanford, L.A. Bryson

**Institution:** University of British Columbia, Vancouver, Canada

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**Poster No.**

18

**Title:** PERCUTANEOUS MITRAL BALLOON VALVULOPLASTY AFTER SURGICAL COMMISSUROTOMY: A COMPARATIVE STUDY

**Authors:** M. Napodano, C. Fraccaro, G. Tarantini, R. Razzolini, S. Iliceto, A. Ramondo

**Institution:** University of Padova, Padova, Italy

---

**Poster No.**

19

**Title:** DOES STENTLESS BIOPROSTHESIS PERFORMANCES IMPROVE SIGNIFICANTLY AT 1 YEAR FOLLOW UP?

**Authors:** P. Totaro, V. Argano

**Institution:** Civic Hospital, Brescia, Italy

---

**Poster No.**

20

**Title:** ENDOVASCULAR REPAIR OF THORACIC AORTA NECESSITATING LEFT SUBCLAVIAN ARTERY OVERSTENTING: IS THE PRIMARY REVASCULARIZATION MANDATORY?

**Authors:** G. Iannelli, M. Monaco, L. Di Tommaso, G.B. Pinna, A. Pantaleo, G. Samo, G. Scignamiglio, F. Piscione

**Institution:** University of Naples "Federico II", Naples, Italy

---

**Poster No.**

21

**Title:** DIFFERENCES IN MITRAL VALVE ANNULAR FUNCTION UNDER FULL AND PARTIAL RING ANNULOPLASTY

**Authors:** J. Redmond, D. Christiansen, C. Bergin, L. Leuer, T. Ryan, N. Rakow, N. Barka, T. Billstrom, L. Shecterle

**Institution:** J. St. Cyr, Jacqmar, Inc., Minneapolis, MN, USA

---

**Poster No.**

22

**Title:** THROMBOLYTIC THERAPY CAN BE AN EFFECTIVE THERAPEUTIC APPROACH IN PROSTHETIC Valve MALFUNCTION

**Authors:** N. Aslan Abadi, A. Sajjadieh Khajouei, E. Hosein Zadeh, A. Maneshgar

**Institution:** Tabriz University of Medical Sciences, Tabriz, Iran

---

**Poster No.**

23

**Title:** SALVAGE OF THE NEOAORTIC VALVE AFTER FAILURE OF THE PULMONARY AUTOGRAFT IN THE ROSS OPERATION

**Authors:** G. El Khoury, L. de Kerchove, D. Glineur, K. Grammad, P. Noirhomme, J. Rubay

**Institution:** Cliniques Universitaires Saint-Luc, Brussels, Belgium
**P505:** Poster Session  
**SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>618</td>
<td>BONE MARROW MONONUCLEAR CELLS ACTIVATED CONSECUTIVELY IN VIVO AND EX VIVO IMPROVE MYOCARDIAL FUNCTION IN ISCHEMIC HEART FAILURE</td>
<td>V.I. Shumakov, <strong>S.V. Gureev</strong>, A.A. Temnov, N.A. Onishenko</td>
<td>Institute of Transplantology and Artificial Organs, Moscow, Russia</td>
</tr>
<tr>
<td>26</td>
<td>620</td>
<td>THE PROXIMAL ISOVELOCITY SURFACE AREA METHOD IN THE EVALUATION OF MITRAL VALVE AREA IN PATIENTS WITH MITRAL STENOSIS</td>
<td><strong>E.S. Tucay</strong>, G.I. Yap, R.D. Jara</td>
<td>Philippine Heart Center, East Avenue, Quezon City, Philippines</td>
</tr>
<tr>
<td>27</td>
<td>621</td>
<td>LEVOSIMENDAN REVERSING LOW OUTPUT SYNDROME AFTER HEART TRANSPLANTATION</td>
<td><strong>A. Gkouziouta</strong>, S. Adamopoulos, Th. Antoniou, L. Louca, D. Zarkalis, P. Sfirakis, P.A. Alivizatos</td>
<td>Onasis Cardiac Surgery Centre, Athens, Greece</td>
</tr>
<tr>
<td>28</td>
<td>622</td>
<td>AORTIC VALVE REPAIR FOR PURE REGURGITATION: A TAILORED SURGICAL APPROACH TO THE INDIVIDUAL PATHOLOGY</td>
<td><strong>G. El Khoury</strong>, D. Glineur, L. de Kerchove, A. Poncelet, J.C. Funken, J. Rubay, P. Astarci, R. Verhelst, V. Lacroix, P. Noirhomme</td>
<td>University of Louvain Medical School, Brussels, Belgium</td>
</tr>
</tbody>
</table>
### P506: Poster Session

**GENETIC DETERMINANTS OF CORONARY ARTERY DISEASE/CARDIOMYOPATHIES**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>623</td>
<td>AGE-RELATED EFFECTS OF SREBP CLEAVAGE-ACTIVATING PROTEIN (SCAP) GENE POLYMORPHISM ON SEVERITY OF CORONARY ATHEROSCLEROSIS AND OCCURRENCE OF THROMBOSIS: THE HELSINKI SUDDEN DEATH STUDY</td>
<td>Y.M. Fan, P.J. Karhunen, E. Ilveskoski, J. Mikkelsen, O.A. Kajander, M. Perola, R. Laaksonen, T. Lehtimäki</td>
<td>University of Tampere Medical School, Tampere, Finland</td>
</tr>
<tr>
<td>31</td>
<td>625</td>
<td>USEFULNESS OF WHITE BLOOD CELL COUNT AS A PREDICTOR OF ANGIOGRAPHIC FINDINGS IN AN UNSELECTED POPULATION REFERRED FOR CORONARY ANGIOGRAPHY</td>
<td>A. Gupta, V. Chopra, C. Ruwende, S. Yanamadala, C. Eng, L.T. Clark, D.J. Pinsky, J.D. Marmur, E. Cavusoglu</td>
<td>State University of New York-Downstate Medical Ctr, Brooklyn, NY, USA</td>
</tr>
<tr>
<td>32</td>
<td>626</td>
<td>PROCOAGULANT GENE EXPRESSION PROFILE IN VASCULAR SMOOTH MUSCLE CELLS OF SAPHENOUS VEIN, BUT NOT INTERNAL MAMMARY ARTERY</td>
<td>S.K. Payeli, R. Latini, C. Gebhard, A. Patrignani, M. Stalder, U. Wagner, T.F. Luscher, F.C. Tanner</td>
<td>University of Zurich, Switzerland</td>
</tr>
<tr>
<td>33</td>
<td>627</td>
<td>OPPOSITE EFFECTS OF CX3CR1 RECEPTOR POLYMORPHISMS V249I AND T280M ON THE DEVELOPMENT OF ACUTE CORONARY SYNDROME: A POSSIBLE IMPLICATION OF FRACTALKINE IN INFLAMMATORY ACTIVATION</td>
<td>A. Niessner, R. Marculescu, A. Haschemi, G. Endler, C.M. Weyand, G. Maurer, C. Mannhalter, J. Wojta, O.Wagner</td>
<td>Medical University of Vienna, Austria</td>
</tr>
<tr>
<td>34</td>
<td>628</td>
<td>MAPPING OF GENETIC MODIFIER OF CONGENITAL HEART DEFECTS IN TYPE IIA PROCOLLAGEN DEFICIENT MICE</td>
<td>P.L.F. Tang, S.Y.Y. Wong, K.S.E. Cheah, Y.Q. Song</td>
<td>University of Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>35</td>
<td>629</td>
<td>ASSOCIATION OF PHE206LEU ALLELE OF L-SELECTIN GENE WITH CORONARY ARTERY DISEASE</td>
<td>M. Hajilooi, Hamedan University, Hamedan, Iran</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>630</td>
<td>THE ROLE OF GENETIC FACTORS IN THE DEVELOPMENT OF ATHEROSCLEROSIS</td>
<td>M.B. Khelaia, N.N. Kipshidze, K.A. Nadaraia, A.T. Jabauri</td>
<td>National Center of Therapy, Tbilisi, Georgia</td>
</tr>
<tr>
<td>37</td>
<td>631</td>
<td>DYFUNCTIONAL HDL AND APO A-1 POLYMORPHISMS: POSSIBLE CAUSES OF HIGH CAD IN SOUTH ASIAN IMMIGRANTS</td>
<td>S. Dodani, G.Reed, N. Mohammad, V. George, Y. Dong, H. Zhu, L. Marion, S. Reddy</td>
<td>Medical College of Georgia, Augusta, GA, USA</td>
</tr>
</tbody>
</table>
TUESDAY, JULY 31, 2007
08:30 – 12:30
Poster Hall

P507: Poster Session
GENE TRANSFER AND THERAPY

Board No.  Abstract No.
38  MESENCHYMAL STEM CELLS IMPROVE MYOCARDIAL PERFORMANCE IN CHRONIC MYOCARDIAL INFARCTION
K.G. Shyu, B.W. Wang, H. Chang, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

39  MYOCARDIAL GENE TRANSFER OF VASCULAR ENDOTHELIAL GROWTH FACTOR FOR THERAPEUTIC ANGIOGENESIS IN CORONARY ARTERY DISEASE

P508: Poster Session
DRUG THERAPY IN ISCHEMIC HEART DISEASE

40  ASYMPOTOMATIC SIGNIFICANT LEFT MAIN DISEASE PERHAPS SHOULD NOT BE A SURGICAL INDICATION FOR ALL
G. Gyenes, University of Alberta, Edmonton, AB, Canada

41  EFFECT OF TRIMETAZIDINE ON QUALITY OF LIFE IN ELDERLY PATIENTS WITH ISCHEMIC DILATED CARDIOMYOPATHY
G. Marazzi, C. Vitale, G. Rosano, L. Gatta, C. Mammi, M. Volterrani IRCCS San Raffaele Roma, Italy

42  TRIMETAZIDINE IMPROVES SYMPTOMS AND QUALITY OF LIFE IN ISCHEMIC PATIENTS NOT AMENABLE TO REVASCULARIZATION
G. Marazzi, M. Wajngarten, O. Gebara, M. Volterrani, H. Pierri, M. Cabrera, G. Rosano, IRCCS San Raffaele Roma, Italy

43  ORAL SMALL PEPTIDES (TETRAPEPTIDES) AS POTENTIAL THERAPEUTIC AGENTS FOR ATHEROSCLEROSIS
J.T. Yu, M. Navab, G. Hough, UCLA, Los Angeles, CA, USA

44  CAN RESPONSE TO NITROGLYCERIN PREDICT CORONARY ARTERY DISEASE IN PATIENTS PRESENTING WITH CHEST PAIN
V. Jeevanantham, G.I. Parameswaran, V. Tiwari, M. DiSalle, D.H. Hsi Unity Health System, Rochester, NY, USA

45  THE EFFECTS OF TRIMETAZIDINE ON THE VENTRICULAR FUNCTION OF PATIENTS WITH ISCHEMIC CARDIOMYOPATHY:
A.R. Uy, A.S. Galia, R.A. Calata, L.D. Gutierrez
The Heart Station University of Santo Tomas Hospital, Espana St. Sampaloc, Manila, Philippines
P509: Poster Session
NATRIURETIC PEPTIDES, ENDOTHELIN: ROLE IN HEART FAILURE

Board No. Abstract No.
46 MECA-STIMULATED ATRIAL ANTRIURETIC PEPTIDE RELEASE IN HYPERTENSIVE RATS Y. Kuichang, B. Guangyi, K. Jong Hun, P. Woo Hyun, S.H. Kim Chonbuk National University Medical School, Jeonju, South Korea

47 NT-PROBNP IS A GOOD MARKER TO DETECT DIASTOLIC DYSFUNCTION IN SUBJECTS WITH LIMITED EXERCISE CAPACITY WITHOUT OVERT HEART FAILURE G. Yanes, A. Barragan, J. Lacalzada, A. de la Rosa, A. Duque, C. Perera, A. Lara, I. Laynez, University Hospital, La Laguna, Tenerife-Canary Islands, Spain

48 CARPERITIDE PRESERVES HEMOGLOBIN LEVELS IN ACUTE HEART FAILURE S. Kawamura, S. Kobayashi, Y. Nakamura, Y. Wada, T. Okamura, J. Yamada, T. Yamamoto, T. Fujii, M. Matsuzaki Yamaguchi University, Ube, Yamaguchi, Japan

49 SERUM NT-PROBNP LEVELS AND RISK FACTORS FOR CONGESTIVE HEART FAILURE IN KOREAN GENERAL POPULATION BASED ON A LARGE COHORT STUDY B.S. Yoo, K.H. Lee, M.S. Ahn, J.Y. Kim, S.H. Lee, J.H. Yoon, K.H. Choe Wonju College of Medicine, Yonsei University, Wonju, South Korea

50 CORRELATION OF NT-BNP WITH HEMODYNAMIC PARAMETERS OF ECHOCARDIOGRAPHY IN WIDE RANGE OF HEART FAILURE PATIENTS J. Celutkiene, A. Laucevicius, V. Grabauskiene, R. Steponeniene, Z. Kucinskiene, R. Jasaityte, J. Martinkeniene, Z. Majorova Clinic of Heart Diseases, Vilnius University Hospital Santariskiu Klinikos, Lithuania

51 THE PROGNOSTIC VALUE OF N-TERMINAL PRO BRAIN NATRIURETIC PEPTIDE IN NON ST ELEVATION MYOCARDIAL INFARCTION (NSTEMI) A.R. Uy, C.M. Banez, M.E. Yamamoto, E.S. Caguioa, University of Santo Tomas Hospital Espana St. Sampaloc, Manila, Philippines
TUESDAY, JULY 31, 2007

08:30 – 12:30

Poster Hall

P510: Poster Session
ARRHYTHMIAS AND ANTIARRHYTHMIC DRUG THERAPY – BASIC AND CLINICAL

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors &amp; Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>646</td>
<td>ADVERSE TELEMETRY EVENTS IN PATIENTS ADMITTED TO NON-INTENSIVE CARE UNITS</td>
<td>R.N. Bazari, S. Rao, L. Yesayan, J. McCord, Henry Ford Hospital, Detroit, MI, USA</td>
</tr>
<tr>
<td>53</td>
<td>647</td>
<td>ATRIAL FIBRILLATION IN DIVERSE POPULATIONS</td>
<td>L.J. Haywood, LAC+USC Medical Center, Los Angeles, CA, USA</td>
</tr>
<tr>
<td>54</td>
<td>648</td>
<td>ARRHYTHMIA ASSOCIATED WITH CARDIOINHIBITORY SYNCOPE</td>
<td>J. Mehlsen, A.B. Mehlsen, Frederiksberg Hospital, Frederiksberg, Denmark</td>
</tr>
<tr>
<td>55</td>
<td>649</td>
<td>EFFICACY AND SAFETY OF INTRAVENOUS DILTIAZEM THERAPY IN THE ELDERLY WITH FAST ATRIAL FIBRILLATION</td>
<td>V.N. Singh, M. Nelson, R.K. Sharma, University of S. Florida College of Medicine, Tampa, FL, USA</td>
</tr>
<tr>
<td>56</td>
<td>650</td>
<td>TAKOTSUBO CARDIOMYOPATHY: A NOVEL “PROARRHYTHMIC” DISEASE</td>
<td>M.A. Nault, A. Baranchuk, D.P. Redfearn, K. Bally, C.S. Simpson Queen’s University, Kingston, ON, Canada</td>
</tr>
<tr>
<td>57</td>
<td>651</td>
<td>INTRACRANIAL HEMORRHAGE AND ISCHEMIC STROKE RATES IN NONWHITES COMPARED TO WHITES WITH ATRIAL FIBRILLATION</td>
<td>A.Y-J. Shen, J.F. Yao, S. Brar, J. Hsu, M.B. Jorgensen, X. Wang, W. Chen, Kaiser Permanente Medical Center, Los Angeles, CA, UCLA School of Medicine, Los Angeles, CA, USA</td>
</tr>
<tr>
<td>58</td>
<td>653</td>
<td>HIGHER PREVALENCE OF CARDIOVASCULAR EVENTS AMONG PATIENTS WITH ABNORMAL ATRIAL DEPOLARIZATION AND CORONARY ARTERY DISEASE AT EIGHTEEN MONTHS POST EXERCISE TOLERANCE TESTING</td>
<td>D.H. Spodick, V. Ariyarajah, S. Apiyasawat, Saint Vincent Hospital, Columbia University, College of Physicians and Surgeons, New York, NY, USA</td>
</tr>
<tr>
<td>59</td>
<td>654</td>
<td>FREQUENCY OF INTERATRIAL BLOCK IN PATIENTS WITH SINUS RHYTHM HOSPITALIZED FOR STROKE AND COMPARISON TO THOSE WITHOUT INTERATRIAL BLOCK</td>
<td>V. Ariyarajah, S. Apiyasawat, H. Najjar, K. Mercado, P. Puri, D.H. Spodick, St. Boniface General Hospital/University of Manitoba, Winnipeg, Manitoba, Canada</td>
</tr>
<tr>
<td>60</td>
<td>655</td>
<td>THE EFFECT OF IBUTILIDE ON ATYPICAL ATRIAL FLUTTER BEFORE DC CARDIOVERSION</td>
<td>A. Pilip, P.E. Zambito, E.C Palma, Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY, USA</td>
</tr>
</tbody>
</table>
RELATIONSHIP BETWEEN HIGH SERUM FERRITIN LEVELS AND QT/QTC
K. Laudanski, A. Himmel, H. Ali, L. Calvocoressi, N. Pearson, K. Godula, M. Stetmaier, University of Florida College of Medicine, FL, USA

RESTORATION OF NORMAL SINUS RHYTHM IN ACUTE ONSET ATRIAL FIBRILLATION BY A NEW INTRAVENOUS AMIODARONE DOSE REGIMEN
E.A. Hamdy, M. Ridha, R. Gonnha, Tanta University, Tanta, Egypt

APOPTOSIS IS INVOLVED IN EXACERBATED VENTRICULAR FIBRILLATION IN CARDIOMYOPATHY INDUCED BY L-THYROXIN IN ASSOCIATED WITH UPREGULATED LEPTIN AND INOS IN THE MYOCARDIUM
T. Na, D.Z. Dai, X.Y. Tang, China Pharmaceutical University, Nanjing, China

P511: Poster Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE II

RIGHT VENTRICLE HYPERTROPHY AND EARLY FAILURE: A PROTEOMICS STUDY IN A NEONATAL MODEL
A.M. Sheikh, C. Barrett, N. Villamizar, A. Valente, O. Alzate, D. Craig, A. Lodge, J. Lawson, C. Milano, J. Jaggers, Duke University, Durham, NC, USA

BEHAVIOR AND SELF-PERCEPTION IN CHILDREN WITH A SURGICALLY CORRECTED CONGENITAL HEART DISEASE
M. Miatton, D. De Wolf, K. Francois, E. Thiery, G. Vingerhoets Ghent University, Ghent, Belgium

SURGICAL TREATMENT OF CONGENITAL TRACHEAL AND HEART ANOMALIES IN INFANTS AND CHILDREN
T.S. Loukanov, M. Gorenflo, C. Sebening, W. Springer, H. Ulmer, S. Hagl, University of Heidelberg, Germany

SENNING OPERATION FOR TRANSPOSITION OF GREAT ARTERIES: LONG TERM FOLLOW-UP
A. Agnetti, N. Carano, C. Cavalli, B. Tchana, M. Bini, U. Squarcia, A. Frigiola, University Hospital of Parma, Parma, Italy

CLINICAL AND HISTOPATHOLOGIC STUDY OF SURGICALLY EXCISED MITRAL VALVES IN CHILDREN
M.M. Rashed, M.A. Nagem, M.K. Galal, N.M. Ragab Damanhour National Medical Institute, Cairo, Egypt

AORTIC ARCH MORPHOLOGY AND LATE SYSTEMIC HYPERTENSION FOLLOWING CORRECTION OF COARCTATION OF AORTA
D.J. Lashley, J. Curtin, P. Malcolm, A. Clarke, L.J. Freeman Oxford Radcliffe Hospitals, Oxford, Norfolk and Norwich University Hospital NHS Trust, Norwich, Norfolk, UK
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>665</td>
</tr>
<tr>
<td>ECHOCARDIOGRAPHIC DIFFERENTIATION OF ATRIOVENTRICULAR SEPTAL DEFECTS FROM INLET VENTRICULAR SEPTAL DEFECTS AND MITRAL VALVE CLEFTS</td>
<td>665</td>
</tr>
<tr>
<td><strong>S.K.M. Ali, O.R. Tamimi, H.K. Najm, M.J. Godman</strong>&lt;br&gt;Khartoum University and Sudan Heart Centre, Khartoum, Sudan</td>
<td>665</td>
</tr>
<tr>
<td>71</td>
<td>666</td>
</tr>
<tr>
<td>A STUDY ON PREDISPOSING FACTORS OF HYPOMAGNESAEAMIA AFTER OPEN AND CLOSED PEDIATRIC HEART SURGERY&lt;br&gt;P.N. Davari, A. Tabib, A. Shahmomhammadi, M.Y. Arabi, M. Meraji, <strong>M. Shahidi</strong>, Shahid Rajaee Hospital, Tehran, Iran</td>
<td>666</td>
</tr>
<tr>
<td><strong>P512:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Poster Session</strong></td>
<td>667</td>
</tr>
<tr>
<td><strong>VALVULAR HEART DISEASE/HEART VALVE SURGERY</strong></td>
<td>667</td>
</tr>
<tr>
<td>72</td>
<td>667</td>
</tr>
<tr>
<td>BENTALL PROCEDURE USING CRYOPRESERVED VALVED AORTIC HOMOGRAFTS&lt;br&gt;<strong>J. Sierra</strong>, J.T. Christenson, N.H. Lahlaidi, A. Kalangos&lt;br&gt;University Hospital of Geneva, Geneva, Switzerland</td>
<td>667</td>
</tr>
<tr>
<td>73</td>
<td>668</td>
</tr>
<tr>
<td>INFLUENCE OF VALVE TYPE ON PERMANENT IMPAIRMENT &amp; OVERALL SURVIVAL FOR AORTIC &amp; MITRAL VALVE REPLACEMENT – A DISTINCT CONTRAST&lt;br&gt;J. Ye, <strong>W.R.E. Jamieson</strong>, E. Germann, G.J. Fradet, A. Cheung, M.T. Janusz, J.G. Abel, P. Skarsgard, H. Ling, S.V. Lichtenstein&lt;br&gt;University of British Columbia, Vancouver, Canada</td>
<td>668</td>
</tr>
<tr>
<td>74</td>
<td>669</td>
</tr>
<tr>
<td>MANAGEMENT OF THE AORTIC VALVE PROLAPSE&lt;br&gt;<strong>G. El Khoury</strong>, L. de Kerchove, D. Glineur, M. van Dyck, R. Verhelst, A. Poncelet, J.C. Funken, J. Rubay, P. Astarci, P. Noirhomme&lt;br&gt;University of Louvain Medical School, Brussels, Belgium</td>
<td>669</td>
</tr>
<tr>
<td>75</td>
<td>670</td>
</tr>
<tr>
<td>RELATION OF PATIENT AGE ON OUTCOME OF PERCUTANEOUS MITRAL VALVULOPLASTY&lt;br&gt;<strong>M. Napodano</strong>, C. Fraccaro, G. Tarantini, R. Razzolini, S. Iliceto, A. Ramondo, University of Padova, Padova, Italy</td>
<td>670</td>
</tr>
</tbody>
</table>
INDEX