INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010
VANCOUVER, BC, CANADA, July 24-27, 2010

PROGRAM
# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairman’s Letter</td>
<td>5</td>
</tr>
<tr>
<td>Section Chairs</td>
<td>6</td>
</tr>
<tr>
<td>Scientific Executive Committee</td>
<td>7</td>
</tr>
<tr>
<td>Scientific Advisory Board</td>
<td>8</td>
</tr>
<tr>
<td>Scientific Abstract Review Committee</td>
<td>11</td>
</tr>
<tr>
<td>Acknowledgements</td>
<td>13</td>
</tr>
<tr>
<td>General Information</td>
<td>14</td>
</tr>
<tr>
<td>Social Program</td>
<td>17</td>
</tr>
<tr>
<td>List of Exhibitors</td>
<td>18</td>
</tr>
<tr>
<td>Scientific Program</td>
<td></td>
</tr>
<tr>
<td><strong>Sunday, July 25, 2010</strong></td>
<td>21</td>
</tr>
<tr>
<td><strong>Monday, July 26, 2010</strong></td>
<td>49</td>
</tr>
<tr>
<td><strong>Tuesday, July 27, 2010</strong></td>
<td>79</td>
</tr>
<tr>
<td>Index</td>
<td>95</td>
</tr>
</tbody>
</table>
Dear Friend and Colleague,

On behalf of the Organizing Committee, it is my great pleasure to welcome you to Vancouver and to the International Academy of Cardiology, 15th World Congress on Heart Disease, Annual Scientific Sessions 2010.

The Congress has been designed to provide a comprehensive overview of the latest research developments in cardiovascular medicine, primarily in the areas of molecular and cellular cardiology, coronary artery disease, heart failure, cardiac arrhythmias, pediatric cardiology 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 850 abstracts submitted for presentation at the meeting. These studies, originating from laboratories in 44 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 2010.

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Jan A. Staessen, Belgium
Paul Steendijk, The Netherlands
Shlomo Stern, Israel
Ralph Stewart, New Zealand
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Jesper Hastrup Svendsen, Denmark
Csaba Szabo, USA
Masahiko Takagi, Japan
Masafumi Takahashi, Japan
Akira Tamura, Japan
W. H. Wilson Tang, USA
Takanobu Tomaru, Japan
Dimitris Tousoulis, Greece
Steven Tracy, USA
Ronald J. A. Trent, Australia
Masahiko Tsuchiya, Japan
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Hiroshi Watanabe, Japan
W. H. H. Wegen, USA
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ACKNOWLEDGEMENTS

We would like to offer very special thanks to the following companies for their generous educational grants. Their financial support has helped make this congress possible.

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The International Academy of Cardiology expresses its sincere thanks to the following individuals:

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:

Maryam Balouch
Karen H. Burstein
Cirina Catania
Stacy G. Chang
Lisa A. Cowan
Oren Hirschenzone
Bob Kazmer
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Eitan Z. Kimchi, M.D.
Rebeca Kimchi

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Gail Tito
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Tourism Vancouver / John Sinal
GENERAL INFORMATION

VENUE AND HEADQUARTERS HOTEL
The Hyatt Regency Vancouver is the venue and headquarters hotel of the 15th 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 24, 2010  16:00 - 20:00 hours
Sunday, July 25, 2010  08:00 - 18:00 hours
Monday, July 26, 2010  08:00 - 18:00 hours
Tuesday, July 27, 2010  08:00 - 14:00 hours

PROJECTION EQUIPMENT
If using a Powerpoint (or any other computer) presentation, please note you need to provide the presentation on a CD, DVD or memory stick (using the USB port in the computer) and load it onto one of the congress’ computers in the Speakers Ready Room, at least 1 hour before the start of your session.

If combining video film with PowerPoint, please make sure to check your presentation in the session hall where your lecture is taking place during a coffee or lunch break prior to your session, at least 30 minutes before the start of the session – even after checking it in the Speakers Ready Room.

Please note that the congress’ computers in the session halls are supplied with Windows XP and Office 2003.
You may supply your own laptop computer as back-up.

Important note for Macintosh users!
If using a Macintosh laptop computer, please confirm that it has a VGA socket for external signal. On arrival at the Congress please check your computer in the Speakers’ 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 VHS 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 08:00 if presenting in the morning session, on the relevant day of their presentation and remove them by 13:00. If presenting in the afternoon session, posters should be put up by 13:30 and dismantled by 18:30 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 24, 2010  18:30 - 20:00 hours
- Sunday, July 25, 2010   10:00 - 17:00 hours
- Monday, July 26, 2010   10:00 - 17:00 hours
- Tuesday, July 27, 2010  10:00 - 13:00 hours

AMA DESK
An AMA desk will be available for participants wishing to apply for AMA PRA Category 1 Credits™. The desk will be open during the following hours:
- Sunday, July 25  08:00 – 09:30 and 12:30 – 14:00 hours
- Monday, July 26  07:30 – 08:30 and 12:30 – 14:00 hours
- Tuesday, July 27  07:30 – 08:30 and 12:30 – 14:00 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 Regency C Hall of the Hyatt Regency Vancouver on Saturday, July 24 between 18:30 – 20:00 hours.
GENERAL INFORMATION (cont’d)

FAREWELL DINNER (Optional)
Tickets for the Farewell Dinner, Monday, July 26, 2010 at 20:00, may be purchased at the Registration Desk for US$ 95 per person, no later than noon on Sunday, July 25, 2010. Please note that the number of seats is 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 15th World Congress on Heart Disease. Participants should make their own arrangements with respect to health and travel insurance.

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15th WORLD CONGRESS ON HEART DISEASE
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SOCIAL PROGRAM

SATURDAY, JULY 24, 2010

GET-TOGETHER RECEPTION    18:30 – 20:00
Get-Together Reception in the Regency C Hall of the
Hyatt Regency Vancouver on
Saturday, July 24 at 18:30 hours.

MONDAY, JULY 26, 2010

FAREWELL DINNER (Optional)    20:00
Tickets for the Farewell Dinner, Monday, July 26, 2010 at 20:00,
may be purchased at the Registration Desk for US$ 95 per person,
no later than noon on Sunday, July 25, 2010. Please note that the
number of seats is limited and will be sold on a “first come first
served” basis.
LIST OF EXHIBITORS

We would like to acknowledge the following companies for contributing their financial support and educational exhibits to this congress:

- **GENEDX**
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  Medtronic is the global leader in medical technology - alleviating pain, restoring health, and extending life for people with chronic conditions around the world. Medtronic develops and manufactures a wide range of products and therapies with emphasis on providing a complete continuum of care to diagnose, prevent and monitor chronic conditions. Each year, Medtronic therapies help more than seven million people.
SCIENTIFIC PROGRAM
Sunday, July 25, 2010
SUNDAY, JULY 25, 2010

09:00 – 09:35  

OC: OPENING CEREMONY  
Chairperson: John A. Elefteriades, New Haven, CT, USA

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

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

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

Naranjan S. Dhalla, Canada  
Member, Scientific Executive Committee  
Chairman, Section of Cellular Biology of the Heart  
International Academy of Cardiology

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

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

PRESENTATION OF 2010 AWARDS  
John A. Elefteriades, USA  
Jeffrey S. Borer, USA

09:35 – 10:15  

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

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

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

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

10:45 – 13:00

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

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

Abstract No.

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

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

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

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

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

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

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

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

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

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

10:45 – 13:00

**PL: 02 Plenary Session**

**NOVEL TREATMENT AVENUES IN HEART FAILURE**

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

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

---

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

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

---

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

---

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

---

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

---

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

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

---

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

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

10:45 – 12:45

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

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

Abstract No.

10:45 CANDESARTAN SUPPRESSES INCREASE IN SECRETED FRIZZLED RELATED PROTEIN 2 AND FIBROSIS DURING HEALING AFTER REPERFUSED MYOCARDIAL INFARCTION IN THE RAT MODEL
B.I. Jugdutt, A. Palaniyappan, H. Idikio, University of Alberta, Edmonton, Alberta, Canada

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

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

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

11:45 IMPACT of Random Plasma Glucose on Admission in Diabetic Patients with Acute ST Elevation Myocardial Infarction

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

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

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

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

10:45 – 12:00

S22 Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/ CONGENITAL HEART DISEASE

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

Abstract No.

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

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

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

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

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

12:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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**P101 Poster Session**

**VASCULAR BIOLOGY, BASIC RESEARCH I**

1. RESISTIN CONTRIBUTES TO NEOINTIMAL FORMATION VIA OXIDATIVE STRESS AFTER VASCULAR INJURY  
   **K.G. Shyu, B.W. Wang**  
   Shin Kong Wu H-Su Memorial Hospital, Taipei, Taiwan

2. ENDOTHELIAL CELL INJURY IN CARDIOVASCULAR SURGERY: THE PATHOPHYSIOLOGY OF VASOMOTOR DYSFUNCTION  
   **P.P. Pollice, S.E. Saad, F.P. Pollice, A.F. Fabiani**  
   University of Berne, Switzerland

3. OXIDATIVE STRESS INDUCES DNA DOUBLE-STRAND BREAKS AND DNA DAMAGE RESPONSE  
   **M. Ishida, T. Ishida, K. Abe, C. Sakai, H. Uchida, Y. Kihara, M. Yoshizumi**  
   Hiroshima University, Hiroshima, Japan

4. PRIMARY CILIA ARE MECHANOSENSORY ORGANELLES IN VASCULAR TISSUES  
   **S.M. Nauli**, The University of Toledo, Toledo, OH, USA

**P103 Poster Session**

**BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE**

5. ISCHEMIA-MODIFIED ALBUMIN LEVELS NOT AFFECTED BY ALBUMIN CONCENTRATIONS DURING EXERCISE SESTAMIBI  
   **H.R. Lee, A.E. McCullough, R.P. Umfrid, S.J. Lester**  
   Mayo Clinic Arizona, Scottsdale, AZ, USA

6. AUTOANTIBODIES TO CARDIAC TROPONIN T IN NORMAL BLOOD DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS  
   **M. Adamczyk, R.J. Brashear, P.G. Mattingly**  
   Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA

7. PROBNP PROGNOSTIC VALUE OF PATIENTS WITH ACUTE MYOCARDIAL SEGMENT ELEVATION  
   Instituto de Cardiologia J.F. Cabral, Corrientes, Argentina
<table>
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<th>Board No.</th>
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**P104 Poster Session**

**NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
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<tbody>
<tr>
<td>8</td>
<td>CORONARY FLOW RESERVE AS A MEASURE OF EARLY CARDIOVASCULAR DISEASE IN PATIENTS WITH RHEUMATOID ARTHRITIS. CORRELATION BETWEEN CAROTID INTIMA MEDIA THICKNESS, ADMA AND CORONARY FLOW RESERVE</td>
<td>S. Sitia, L. Tomasoni, F. Atzeni, L. Gianturco, P. Sarzi-Puttini, V. De Gennaro Colonna, M. Turiel</td>
<td>IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy</td>
</tr>
<tr>
<td>9</td>
<td>A NEW EXTRACTION METHOD OF FETAL ELECTROCARDIOGRAM FROM MATERNAL ABDOMINAL SIGNALS</td>
<td>Y. Kimura, T. Ito, C. Chisaka, A. Aoyagi, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi</td>
<td>Tohoku University, Sendai, Miyagi, Japan</td>
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<td>10</td>
<td>LOW DOSE HEPARIN CAN SAFELY BE ADMINISTERED DURING ROUTINE IVUS SHORTLY FOLLOWING ENDOMYOCARDIAL BIOPSY</td>
<td>R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed</td>
<td>The Southern Arizona VA Health Care System, Tucson, AZ, USA</td>
</tr>
<tr>
<td>12</td>
<td>AN INTRAVASCULAR ULTRASOUND ANATOMICAL STUDY OF DISTAL LEFT MAIN STEM AND PROXIMAL LEFT ANTERIOR DECENDING ARTERIES IN A NORTHERN IRISH POPULATION</td>
<td>J.A. Shand, S.J. Walsh, C. Hanratty, I.B. Menown, A.J. McClelland, M. Spence</td>
<td>Craigavon Area Hospital, Belfast, UK</td>
</tr>
<tr>
<td>13</td>
<td>CASE REPORTS OF FETAL BRADYCARDIA DIAGNOSED BY FETAL ELECTROCARDIOGRAM VIA MATERNAL ABDOMEN</td>
<td>A. Aoyagi, Y. Kimura, T. Ito, C. Chisaka, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi</td>
<td>Tohoku University, Sendai, Miyagi, Japan</td>
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<td>14</td>
<td>EFFECT OF FLUVASTATIN ON PROGRESSION OF CORONARY Atherosclerotic Plaque Evaluated by Intravascular Ultrasound Virtual Histology</td>
<td>K. Nasu, E. Tsuchikane, O. Katoh, Y. Kinoshita, T. Suzuki</td>
<td>Toyohashi Heart Center, Toyohashi, Aichi, Japan</td>
</tr>
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</table>
P105 Poster Session  
DIABETES MELLITUS, THE METABOLIC SYNDROME AND Atherosclerosis: Basic and Clinical I

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<td>046</td>
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**EFFECT OF DIABETES MELLITUS ON SHORT TERM MORTALITY IN PATIENTS WITH FIRST ACUTE ST-ELEVATION MYOCARDIAL INFARCTION: TEN YEARS RESULTS FROM A HOSPITAL WITH NO INVASIVE FACILITIES**  
*C. Pop, L. Pop, M. Roman, L. Mos*  
Vasile Goldis - West University, Arad, Romania

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<th>Board No.</th>
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<td>16</td>
<td>047</td>
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**METABOLIC SYNDROME IN INDIVIDUALS WITH NORMAL CONCENTRATIONS OF LIVER ENZYMES**  
*I. Shapira, A. Steinvil, S. Berliner, O. Rogowski*  
Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

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<td>17</td>
<td>048</td>
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</tbody>
</table>

**CONTINUOUS RELEASE OF THE PEPTIDE AIP18AA MARKEDLY REDUCES THE REQUIRED DOSE FOR IMPROVING PLASMA INFLAMMATORY INDEX**  
*K. Navab, C. Chyu, S. Hama, G. Hough, R. Yu*  
David Geffen School of Medicine, UCLA, Los Angeles, CA, USA

<table>
<thead>
<tr>
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<td>18</td>
<td>049</td>
</tr>
</tbody>
</table>

**ROSIGLITAZONE AMELIORATES ENDOTHELIAL DYSFUNCTION AND REDUCES LDL OXIDATION POSTPRANDIALLY IN PATIENTS WITH DIABETES MELLITUS**  
First Department of Cardiology, Evangelismos Hospital, Athens, Greece

<table>
<thead>
<tr>
<th>Board No.</th>
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<td>050</td>
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</tbody>
</table>

**EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN OVERWEIGHT AND MORBIDLY OBESE PATIENTS**  
*P.F. Burgos, A.J. Leal, A.R. Gagliardi*  
Clinica de Cirurgia Cardiovascular de Santos, Santos, SP, Brazil

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<thead>
<tr>
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<td>20</td>
<td>051</td>
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</tbody>
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**P WAVE DISPERSION IN PATIENTS WITH METABOLIC SYNDROME**  
*A. Kassem, A. Boghdady, M. Atia, Sohag Faculty of Medicine, Egypt*
P106 Poster Session
CARDIAC PACEMAKERS AND IMPLANTABLE CARDIOVERTER - DEFIBRILLATOR THERAPY

Board No. Abstract No.
21 052
ATRIAL TACHYARRHYTHMIAS NOT MORE FREQUENT AFTER EXPOSURE TO MRI IN PATIENTS WITH A SPECIALLY MODIFIED PACING SYSTEM

22 053
ROUTINE DFT TESTING: IS IT NECESSARY DURING ICD GENERATOR REPLACEMENT?
H.H. Modi, A. Aeriachaipanich, A. Bhan, M. Duggal
Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA

23 054
IMPACT OF ACUTE RENAL IMPAIRMENT IN THE ABSENCE OF CHRONIC RENAL FAILURE ON ICD SHOCKS AND SUBSEQUENT MORTALITY
D. Chong, K.L. Ho, R. Liew, W.S. Teo, C.K. Ching
National Heart Centre, Singapore

24 055
IS VDD PACING AN ACCEPTABLE OPTION IN PATIENTS WITH ISOLATED AV BLOCK AND INTACT SINOATRIAL NODE FUNCTION?
P.J. Parwani, D.R. Frisch, B.B. Pavri, University of Connecticut Health Center, Farmington, CT, USA

25 056
TEMPORARY TRANSVENOUS CARDIAC PACING: BALLOON FLOTATION TECHNIQUE OR SEMI RIGID ELECTRODES, DOES IT MATTER?
W. Taggu, R.A. Gamma, Essex Cardiothoracic Centre, Basildon & Thurrock University, Chelmsford, Essex, UK

26 057
PACING AFTER CARDIAC SURGERY: HOW AND WHAT IS THE BEST?
J. Rubio, J. Sierra, D. Sanchez, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reiha, University Hospital Santiago de Compostela, Santiago de Compostela, Spain

27 058
RETAINED CARDIAC LEAD REMOVAL WITH THE COOK EVOLUTION SYSTEM: PRELIMINARY EXPERIENCE
Hospital General Universitario de Alicante, Alicante, Spain

28 059
IS TEMPORARY PACEMAKER NECESSARY DURING PULSE GENERATOR REPLACEMENT IN PACEMAKER DEPENDENT PATIENTS?
H.H. Modi, B. Rehan, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA

29 060
SERIAL CHANGE OF STIMULATION THRESHOLD OF VENTRICULAR SCREW-IN LEADS AT IMPLANTATION AND THE RELATIONSHIP BETWEEN THE ACUTE AND CHRONIC STIMULATION THRESHOLD
E. Nakagawa, T. Oosawa, K. Ito, Y. Abe, R. Komatsu, K. Haze, T. Naruko, A. Ito
Osaka City General Hospital, Osaka, Japan

30 061
IS IT SAFE TO DISCHARGE PATIENTS THE SAME DAY AFTER DEVICE IMPLANTATION? A PROSPECTIVE, RANDOMIZED PILOT STUDY
M. Ortmann, G. Mark, E. Rhim, U. Patel, W. Ojeda, A.J. Greenspon, R.T. Ho, D. Frisch, B.B. Pavri, Thomas Jefferson University Hospital, Philadelphia, PA, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>31</td>
<td>062</td>
<td>MODERATE TRICUSPID REGURGITATION ACCOMPANYING LEFT-SIDED HEART VALVE DISEASE: TO REPAIR OR NOT TO REPAIR? J.L. Navia, N. Brozzi, E.R. Nowicki, F.A. Atik, S. Al-Ruzzeh, L. Batizy, J. Zhong E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA</td>
</tr>
<tr>
<td>32</td>
<td>063</td>
<td>THE 5-LIPOXYGENASE PATHWAY CORRELATES WITH THE ECHOCARDIOGRAPHIC PARAMETERS QUANTIFYING AORTIC STENOSIS SEVERITY E. Nagy, K. Caidahl, M. Eriksson, A. Franco-Cereceda, G.K. Hansson, M. Back Karolinska Institute, Karolinska University Hospital, Stockholm, Sweden</td>
</tr>
<tr>
<td>33</td>
<td>064</td>
<td>RADIOLOGIC DISTORTION OF THE BIOPROSTHESIS RING AND EARLY CALCIFICATION J. Rubio, J. Sierra, A. Martinez de Alegria, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reiha University Hospital Santiago de Compostela, Santiago de Compostela, Spain</td>
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<tr>
<td>34</td>
<td>065</td>
<td>CANDIDA ALBICANS ISOLATED FROM HUMAN FUNGEMIA INDUCE APOPTOSIS IN EXPERIMENTAL ENDOCARDITIS J.K. Olague Franco, M. Dominguez-Hernandez, I. Hernandez Canaveral, A. Plascencia-Hernandez, O.M. Meilhac University of Guadalajara, Guadalajara, Jalisco, Mexico</td>
</tr>
<tr>
<td>35</td>
<td>066</td>
<td>INFECTIVE ENDOCARDITIS MORTALITY; HAS IT CHANGED SECONDARY TO THE CURRENT MANAGEMENT GUIDELINES W. Taggu, D.R. Turner Essex Cardiothoracic Centre, Basildon &amp; Thurrock University, Chelmsford, Essex, UK</td>
</tr>
<tr>
<td>36</td>
<td>067</td>
<td>BIOGLUE DOES NOT PREDISPOSE TO ANASTOMOTIC PSEUDOANEURYSM IN THORACIC AORTIC SURGERY J. Weiner, S.A. Widman, Z. Golek, M. Tranquilli, J.A. Elefteriades Yale University, New Haven, CT, USA</td>
</tr>
<tr>
<td>37</td>
<td>068</td>
<td>PREVALENCE OF MITRAL REGURGITATION BY ETIOLOGY IN THE US ADULT POPULATION A.P. Badiye, G. Robalino, J. Junttila, S. Atapatu, M. Nakamura, E. de Marchena, Department of Medicine, University of Miami, Miami, FL, USA</td>
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SUNDAY, JULY 25, 2010

14:00 – 16:30  

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

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

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**Abstract No.**

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

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

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

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

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

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

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

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

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

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

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

14:00 – 16:15

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

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

Abstract No.

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

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

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

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

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

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

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

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

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

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

14:00 – 16:15

S23 Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

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

Abstract No.

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

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

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

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

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

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

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

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

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

14:00 – 16:30

S24 Session
NEW APPROACHES TO SURGICAL REvascularization/MECHANICAL SUPPORT/LEFT VENTRICULAR ASSIST DEVICES, CARDIAC TRANSPLANTATION

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

Abstract No.

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

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

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

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

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

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

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

Hall D
15:45 THE NO TOUCH HARVESTING TECHNIQUE FOR VEIN GRAFTS IN CORONARY ARTERY BYPASS SURGERY PRESERVES AN INTACT VASA VASORUM
Orebro University Hospital, Orebro, Sweden

16:00 THE CHINESE CORONARY ARTERY BYPASS GRAFT REGISTRY:
ANALYSIS OF MULTICENTER DATABASE
Fu Wai Hospital, Peking Union Medical College, Beijing, China

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

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

16:45 – 18:00  Hall D

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

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

Abstract No.

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

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

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

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

17:45  INDUCTION OF MICRORNA-1 BY MYOCARDIN IN SMOOTH MUSCLE CELLS INHIBITS CELL PROLIFERATION (Invited Lecture)
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<th>Abstract No.</th>
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<tr>
<td>16:45</td>
<td>112</td>
<td>PERIPHERAL ARTERIAL DISEASE (Invited Lecture)</td>
<td>W.S. Aronow, New York Medical College, Valhalla, NY, USA</td>
</tr>
<tr>
<td>17:00</td>
<td>113</td>
<td>PULMONARY PRESSURE RESPONSE TO EXERCISE: FROM PHYSIOLOGY TO PATHOLOGY (Invited Lecture)</td>
<td>E. Bossone, F. Ferrara, R. Citro, Cava de Tirreni &amp; Amalfi Coast Hospital, Amalfi Coast, Italy</td>
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<tr>
<td>17:15</td>
<td>114</td>
<td>NEURAL MECHANISMS OF HYPERTENSION: FROM THE VIEW OF THE CENTRAL NERVOUS SYSTEM (Invited Lecture)</td>
<td>Y. Hirooka, Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan</td>
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<tr>
<td>17:30</td>
<td>115</td>
<td>CHRONIC THROMBO-EMBOLIC PULMONARY HYPERTENSION: EVALUATION AND TREATMENT (Invited Lecture)</td>
<td>O. Ben-Yehuda, University of California, San Diego, CA, USA</td>
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<tr>
<td>17:45</td>
<td>116</td>
<td>ENDOTHELIAL PROGENITOR CELLS: ROLE IN VASCULAR BIOLOGY AND IMPLICATIONS OF THE RENIN-ANGIOTENSIN SYSTEM (Invited Lecture)</td>
<td>S. Wassmann, Lady Davis Institute and Jewish General Hospital, Montreal, Canada</td>
</tr>
<tr>
<td>18:00</td>
<td>117</td>
<td>INFRA POPLITEAL INTERVENTION FOR LIMB SALVAGE (Invited Lecture)</td>
<td>O. Kawarada, Stanford University Medical Center, Stanford, CA, USA</td>
</tr>
<tr>
<td>18:15</td>
<td>118</td>
<td>THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE IN HIV PATIENTS</td>
<td>N. Gupta, C. Lau, R. Parikh, I. Gupta, S. Bajaj, A. Agarwal, W. Dhillon, A. Al-dehneh, M. Lange, M. Bikkina, Saint Joseph Regional Medical Center, Paterson, NJ, USA</td>
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<td>18:30</td>
<td>119</td>
<td>HYPOTENSIVE RESPONSES TO THE ALPHA2-ADRENERGIC AGONISTS ARE ENHANCED AND ACCOMPANIED BY INCREASED G PROTEIN COUPLING IN SPINOPHILIN NULL MICE</td>
<td>R. Lu, Y. Chen, N. Peng, K. Jiao, L.E. Limbird, J.M. Wyss, Q. Wang, University of Alabama at Birmingham, Birmingham, AL, USA</td>
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</tbody>
</table>
**S25 Session**  
**VASCULAR BIOLOGY, BASIC RESEARCH**

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

<table>
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<th>Time</th>
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<th>Institution(s)</th>
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<tbody>
<tr>
<td>16:45</td>
<td>120</td>
<td>CELL SURFACE GRP78 CONTRIBUTES TO THE DEVELOPMENT AND PROGRESSION OFATHEROTHROMBOSIS</td>
<td>A. Al-Hashimi, J. Caldwell, M. Gonzalez-Gronow, J.I. Weitz, H. Al-Bayati, J.G. Dickhout, R.C. Austin</td>
<td>McMaster University and St. Joseph’s Healthcare, Hamilton, ON, Canada, Duke University, Durham, NC, USA</td>
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<tr>
<td>17:00</td>
<td>121</td>
<td>CYTOKINE SIGNALING AND THE REGULATION OF MACROPHAGE GENE EXPRESSION AND FOAM CELL FORMATION</td>
<td>J.E. McLaren, N. Li, R. Salter, D. Michael, T. Ashlin, D.P. Ramji</td>
<td>Cardiff University, Cardiff, UK</td>
</tr>
<tr>
<td>17:15</td>
<td>122</td>
<td>HEME-ARGINATE ENHANCES ATRIAL Natriuretic Peptide AND ADIPOnectin, BUT DEPLETED ENDOTHELIN-1 WITH REDUCTION OF KIDNEY LESIONS IN MINERALOCORTICOID-INDUCED HYPERTENSION</td>
<td>J.F. Ndisang, A. Jadhav</td>
<td>University of Saskatchewan College of Medicine, Dept of Physiology, Saskatoon, Saskatchewan, Canada</td>
</tr>
<tr>
<td>17:30</td>
<td>123</td>
<td>GLUCOSAMINE REDUCE ATHEROSCLEROTIC BURDEN IN APOPROTEIN E KNOCK-OUT MICE</td>
<td>S-W. Jeong, D-E. Kim, W-K. Kim, Dongguk University, Goyang City, South Korea</td>
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<td>17:45</td>
<td>124</td>
<td>GAMBOGIC ACID INHIBITS ADHESION MOLECULE EXPRESSION AND NF-kB ACTIVATION IN HUMAN AORTIC ENDOTHELIAL CELLS W-J. Zhang, C. Li, J. Ding, B. Frei, Oregon State University, Corvallis, OR, USA</td>
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<td>18:00</td>
<td>125</td>
<td>VASCULAR REMODELING IN TRANSGENIC MICE WITH CRE RECOMBINASE UNDER THE CONTROL OF THE PDGFRB PROMOTER A.S. Cuttler, R.J. LeClair, D. Venkatesh, Q. Wang, C.M. Sorenson, L. Liaw, V. Lindner, Maine Medical Center Research Institute, Scarborough, ME, USA</td>
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<td>18:15</td>
<td>126</td>
<td>TEN-YEAR CLINICAL FOLLOW-UP RESULTS OF INTRACORONARY RADIATION THERAPY USING RHENIUM-188-DTPA-FILLED BALLOON SYSTEM</td>
<td>I.H. Chae, M.A. Kim, H.S. Kim, M.M. Lee, Y.B. Park</td>
<td>Seoul National University College of Medicine, Seoul, Korea</td>
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<td>18:30</td>
<td>127</td>
<td>THE SUPPLEMENTATION OF CYANIN-3-O-GLUCOSIDE PROMOTES MACROPHAGE REVERSE CHOLESTEROL TRANSPORT IN C57BL/6J MICE W-H. Ling, D-L. Wang, Z-W. Zhang, Wenhua Ling Sun Yat-sen University, Guangzhou, China</td>
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<td>18:45</td>
<td>128</td>
<td>ASSOCIATION OF PLASMA THROMBIN-ACTIVATABLE FIBRINOLYSIS INHIBITOR ACTIVITY WITH THE OCCURRENCE, SEVERITY AND EXTENT OF THE DISEASE, AND WITH PLASMA C-REACTIVE PROTEIN AND FIBRINOGEN LEVELS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE I. Konukcu, M.N. Akkus, S. Seyis, I.T. Ozcan, D. Cicek, V.G. Cin</td>
<td>Mersin University School of Medicine, Mersin, Turkey</td>
<td></td>
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</table>
19:00  ANTI-PHOSPHATIDYL SERINE AUTOANTIBODY EXPRESSION AS A POTENTIAL BIOMARKER FOR PATIENTS WITH PREMATURE CORONARY EVENTS WITH ANTI-PHOSPHOLIPID SYNDROME
H.Y. Ali, Z.A. Abdullah, Technical & Health Institute, Zakho, Zakho-Kurdistan Region, Iraq

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

16:45 – 19:00  Hall D

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

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

Abstract No.

16:45  INCIDENCE OF MYOCARDITIS IN PATIENTS WITH DIABETIC CARDIOMYOPATHY  131
C. Chimenti, C. Centurion, P. Severino, R. Verardo, F. Toscano, F. Fedele
La Sapienza University, Rome, Italy

17:15  ECHOCARDIOGRAPHIC FEATURES OF ACUTE CARDIORENAL SYNDROME IN PATIENTS WITH ADVANCED HEART FAILURE  133
S. Dadfarmay, E. Alhaj, R.L. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA

17:30  DISTINCT TRAJECTORIES OF FATIGUE IN CHRONIC HEART FAILURE AND THEIR ASSOCIATION WITH PROGNOSIS  134
O.R.F. Smith, N. Kupper, P. De Jonge, J. Denollet
Tilburg University, Tilburg, The Netherlands and University of Bergen, Bergen, Norway

17:45  THE ROLE OF ANGIOTENSIN ON MITOCHONDRIAL ATP PRODUCTION AND THE EFFECT OF ANGIOTENSIN ON ADRIAMYCIN-INDUCED CARDIOMYOPATHY  135
N. Dursun, E. Taskin, M.B. Yerer Aycan, K. Ozdogan, E. Kunduz
University of Erciyes, Kayseri, Turkey

18:00  PREDICTING EFFECTS OF EXERCISE TRAINING IN PATIENTS WITH HEART FAILURE SECONDARY TO ISCHEMIC OR IDIOPATHIC DILATED CARDIOMYOPATHY  136
Maxima Medical Centre, Veldhoven, The Netherlands

18:15  EFFICACY AND SAFETY OF CARPERITIDE FOR ACUTE HEART FAILURE: A MULTICENTER RANDOMIZED CONTROLLED DOSE-FINDING STUDY  137
G. Wang, W. Liu, J. Zhang
Fu Wai Hospital and Chinese Academy of Medical Sciences, China

18:30  FRACTIONAL EXCRETION OF SODIUM (FENA) AND WORSENING RENAL FUNCTION IN HEART FAILURE (HF) EXACERBATION  138
F.T. Alattar, N. Imran, V.A. DeBar, K.N. Mallah, F.E. Shamoon
Trinitas Regional Medical Center, Elizabeth, NJ, USA

18:45  MOLECULAR HETEROGENEITY OF NATRIURETIC PEPTIDES: EFFECTS ON DIAGNOSTIC RESULTS  139
# P200 Poster Session

**PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tr>
<td>1</td>
<td>140</td>
</tr>
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**Plasmin induces endothelium-dependent relaxation in the porcine coronary artery**

*T. Fujiyoshi, K. Hirano, H. Kanaide*
National Kyushu Medical Center, Japan

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<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<td>2</td>
<td>483</td>
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</table>

**Prodrugs of astaxanthin for inflammatory manifestations of oxidative stress in cardiovascular disease**

Cardax Pharmaceuticals, Inc., Aiea, John A Burns School of Medicine, Honolulu, HI, USA

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# P201 Poster Session

**CONTRAST ECHOCARDIOGRAPHY**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>3</td>
<td>141</td>
</tr>
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</table>

**Reliable myocardia contrast echocardiography by using values of intensity difference**

*R. Kakihara, C. Naruse, H. Hironaka, T. Tsuzuku*
Kakihara Clinic, Toyohashi, Aichi, Japan

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# P202 Poster Session

**STRESS ECHOCARDIOGRAPHY**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>4</td>
<td>142</td>
</tr>
</tbody>
</table>

**Atrial fibrillation during dobutamine stress echocardiography: patient characteristics and outcomes**

*Y. Acharya, J. Bhattarai, K. Cope, A. Qureshi, J. Shirani*
Geisinger Medical Center, Danville, PA, USA

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tr>
<td>5</td>
<td>143</td>
</tr>
</tbody>
</table>

**Value of combining left atrial size and E/E’ index during dobutamine stress echocardiography**

*S. Enar, L. Sarac, Turkiye Hospital, Istanbul, Turkey*

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>6</td>
<td>144</td>
</tr>
</tbody>
</table>

**Quantitative exercise stress echocardiography in patients with left bundle branch block**

*P. Kozlov, M. Prokudina, E. Maley, E. Shlyakhto, Federal Center of Heart, Blood and Endocrinolgy named V.A. Almazov, St. Petersburg, Russia*

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# P203 Poster Session

**TISSUE DOPPLER IMAGING**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
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<td>7</td>
<td>145</td>
</tr>
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</table>

**Diagnostic accuracy of exercise echocardiography with visual estimation and tissue doppler imaging**

*M. Prokudina, E. Maley, P. Kozlov, E. Klokova, N. Tsai, I. Konstantinov, E. Shlyakhto, Federal Center of Heart, Blood and Endocrinolgy, St.Petersburg, Russia*
### P204 Poster Session
**THE PLAQUE AND ACUTE CORONARY SYNDROMES**

<table>
<thead>
<tr>
<th>Board No.</th>
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<td>P204</td>
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</table>

**8**  IMPACT OF EPICARDIAL FAT ON THE COMPONENTS OF atheromatous plaque of coronary artery in patients with angina  
*J-H. Shin*, J-S. Park, S-Y. Choi, H-M. Yang, H-S. Lim, B-J. Choi, M-H. Yoon, G-S. Hwang, S-J. Tahk, Ajou University Hospital, Suwon, South Korea

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

**10**  SMOKING-RELATED LOW HDL-C LEVEL AND REGRESSION OF coronary atherosclerosis during statin therapy  

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

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

**13**  TRIMETAZIDINE IN ACUTE MYOCARDIAL INFARCTION: THE INFLUENCE ON ISCHEMIC AND ECHOCARDIOGRAPHIC PARAMETERS  

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

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

<table>
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<td>P205</td>
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**15**  PREDICTION OF LENGTH OF STAY FOLLOWING PERCUTANEOUS CORONARY INTERVENTION  
*A. Negassa*, E.S. Monrad, Albert Einstein College of Medicine, Bronx, NY, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Poster Session</th>
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<tbody>
<tr>
<td>P206</td>
<td>PRIMARY PREVENTION OF CORONARY ARTERY DISEASE/ RISK FACTORS FOR ATEROTHROMBOTIC DISEASE</td>
</tr>
</tbody>
</table>
| 16        | A MULTI-CENTER PROSPECTIVE RANDOMIZED STUDY TO DETERMINE THE EFFECTS OF EXERCISE-MANAGED INTERVENTION: COMPARISON OF BASELINE DATA IN RURAL AND URBAN CENTERS  
S. Shapiro, M. Stuckey, K. Sabourin, K. Draudt, K. Shoemaker,  
A. Fleischhauer, C. Munoz, R. Petrella  
Aging, Rehabilitation, and Geriatric Care Research Centre, ON, Canada |
| 17        | BODY IMAGE DISSATISFACTION AND BARRIERS TO WEIGHT LOSS AMONG OVERWEIGHT AND OBESE WOMEN  
J. Decolongon, J.K. Rodriguez, E.G.V. Giardina  
Center for Women’s Health Columbia University Medical Center, New York, NY, USA |
| 18        | EFFECTS OF ACUTE LOW DIET AND HIGH VOLUME EXERCISE ON ANTHROPOMETRIC INDEXES IN OBESE ADULTS  
C.K.C. Sa, R.M. Galdino, M.C.C. Tenorio, A.M. Mendonca  
Universidade Estadual de Feira de Santana, Feira de Santana, Brazil |
| 19        | ANTHROPOMETRIC INDICATORS OF CENTRAL OBESITY IN PREDICTING HIGH CORONARY RISK IN BRAZILIAN WOMEN  
Universidade Estadual de Feira de Santana, Feira de Santana, Bahia, Brazil |
| 20        | PHYSICAL ACTIVITY AND REMOTE BLOOD PRESSURE MONITORING TO REDUCE THE RISK OF CARDIOVASCULAR DISEASE IN A RURAL POPULATION  
M.I. Stuckey, E. Russell-Minda, R. Fulkerson, E. Read, C. Munoz,  
R.J. Petrella, The University of Western Ontario, School of Kinesiology, ON, Canada |
| 21        | EFFECT OF OPIUM ADDICTION ON NUTRITIONAL PATTERN OF PATIENTS WITH CARDIOVASCULAR DISEASES  
H. Derakhshanian, M. Zabihi, A. Amin, M. Maleki  
Tehran University, Tehran, Iran |
| P207      | LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC CARDIOMYOPATHY |
| 22        | COLLEGIATE FOOTBALL LINEMEN HAVE LARGER CARDIAC SIZE RELATIVE TO BODY SIZE COMPARED WITH OTHER FOOTBALL POSITIONS  
J. Sadik, M.J. Lipinski, V.F. Froelicher, Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA |
| 23        | AMP ACTIVATED PROTEIN KINASE-Á2 PROTECTS HEART FROM LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE  
University of Minnesota, Minneapolis, MN, USA |
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>24</td>
<td>162</td>
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<td>EFFECT OF SPIRONOLACTONE, TELMISARTAN AND THEIR COMBINATION ON ISOPRENALINE INDUCED CARDIAC HYPERTROPHY</td>
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<td>B.R. Goyal, <strong>R.K. Goyal</strong>, A.A. Mehta, Institute of Pharmacy-Nirma University, Ahmedabad, India</td>
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<td>25</td>
<td>163</td>
</tr>
<tr>
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<td>LEPTIN INDUCES INTERLEUKIN-18 VIA ENDOTHELIN-1-RHO/RHO-KINASE-PPAR/NF-KB PATHWAY IN CARDIOMYOCYTES</td>
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<td>T. Doi, T. Sakoda, T. Akagami, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi, Division of Coronary Heart Disease, Japan</td>
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<tr>
<td>26</td>
<td>164</td>
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<td>HIGH DENSITY LIPOPROTEIN FROM CARDIOMYOPATHY PATIENTS IS NOT ANTI INFLAMMATORY</td>
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<td>J.B. Kim, G. Hough, G.C. Fonarow, <strong>M. Navab</strong> David Geffen School of Medicine, University of California Los Angeles, CA, USA</td>
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<td>27</td>
<td>165</td>
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<td>SPECTRUM OF FRACTIONATION IN THE LEFT ATRIUM DURING ATRIAL FIBRILLATION</td>
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<td>G. Monir, S. Pollak, Florida Hospital, Orlando, Florida, USA</td>
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<td>28</td>
<td>166</td>
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<td>IMPACT OF LEFT ATRIAL ANATOMY ON FREQUENCY OF COMPLEX FRACTIONATED ELECTROGRAMS</td>
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<td>S. Verma, N. Garg, E. Charaf, Cardiology Consultants, Pensacola, FL, USA</td>
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<td>29</td>
<td>167</td>
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<td>SEASONAL AND INFLUENZA A (H1N1) VACCINATION COVERAGE AMONG ADULTS WITH HEART DISEASE, UNITED STATES, 2009-2010 SEASON</td>
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<td>A. Gonzalez-Feliciano, N. Keenan, G. Euler Science Applications International Corporation, Centers for Disease Control and Prevention, Atlanta, GA, USA</td>
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<td>30</td>
<td>168</td>
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<td>EVIDENCE BASED USE OF THE ESE - DOES IT ADD TO A NEGATIVE ETT?</td>
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<td>J. Southard, <strong>S. Schaefer</strong>, Universitry of California, Davis, CA, USA</td>
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<tr>
<td>31</td>
<td>169</td>
</tr>
<tr>
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<td>CLINICAL PRACTICE GUIDELINES: AMIODARONE FOR ATRIAL FIBRILLATION FOLLOWING CARDIAC SURGERY</td>
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<td><strong>U. Khanderia</strong>, P.C. Walker, D. Wagner, University of Michigan Hospitals and College of Pharmacy, Ann Arbor, MI, USA</td>
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<tr>
<td>32</td>
<td>170</td>
</tr>
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<td>DAY CASE PERCUTANEOUS CORONARY INTERVENTION IN SELECTED PATIENTS – A PILOT STUDY IN NORTHERN IRELAND</td>
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<td>E.C. Hodkinson, J.C. Murphy, H. Douglas, I.B.A. Menown, A.J. McClelland, M.S. Spence, C.G. Hanratty, <strong>S.J. Walsh</strong> Cardiology Department, Belfast Health and Social Care Trust, Belfast, UK</td>
</tr>
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SUNDAY, JULY 25, 2010

13:30 – 18:00

Board No. | Abstract No.
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33 | 171

PREVALENCE OF USE OF ADVANCE DIRECTIVES, HEALTH CARE PROXY, LEGAL GUARDIAN, AND LIVING WILL IN 512 PATIENTS HOSPITALIZED IN A CARDIAC CARE UNIT IN 2 COMMUNITY HOSPITALS

B. Bhushan, A. Kumar, W.S. Aronow, M. Alexa, R. Gothwal, S. Jesmajian, P. Gaba, J. Catevenis, Prince George’s Hospital Center, Cheverly, MD, USA

P211 Poster Session

COMPUTERS IN CARDIOLOGY

34 | 172

PARTIALLY EXTRACTED DEFIBRILLATOR COILS AND PACING LEADS ALTER DEFIBRILLATION THRESHOLDS

T.A. Pilcher, J.D. Stinstra, J.G. Tate, E.V. Saarel, M.D. Puchalski, R.S. MacLeod, University of Utah, Salt Lake City, UT, USA

35 | 173

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


36 | 174

HOW ACCURATE IS REAL TIME LEFT VENTRICULAR VOLUME ESTIMATION FROM 2D ECHO USING AUTOMATED BORDER DETECTION SOFTWARE?

J.A. Karl, S. Ghosh, D. Spevack, Y. Goldberg

Montefiore Medical Center, New York, NY, USA

37 | 175

CLINICAL UTILITY OF CARDIOBIP IN REMOTE DETECTION OF 12-LEAD ECGS IN PATIENTS WITH EXERCISE-INDUCED ISCHEMIA

S. George, V. Vukcevic, B. Bojovic, I. Gussak, V. Giga, I. Stankovic

NewCardio, Inc., Santa Clara, CA, USA

38 | 176

NONINVASIVE ANALYSIS OF STROKE VOLUME VARIABILITY BY RECORDING OF CARDIAC MECHANICAL VIBRATIONS ON THE CHEST

K. Tavakolian, A.P. Blaber, H.K. Symonds, A. Akhbardeh, W. Lee, B. Kaminska, Simon Fraser University, Burnaby, BC, Canada
MONDAY, JULY 26, 2010

08:30 – 10:15

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

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

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

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

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

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

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

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

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

10:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter and Details</th>
</tr>
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<tbody>
<tr>
<td>08:30</td>
<td>Deducing the Mechanism of Diseases Through Experimental Therapy (Invited Lecture)</td>
<td>M. Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA</td>
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<tr>
<td>08:45</td>
<td>Role of Inflammasome in Cardiovascular Diseases (Invited Lecture)</td>
<td>M. Takahashi, Jichi Medical University, Tochigi, Japan</td>
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<tr>
<td>09:00</td>
<td>Novel Mechanisms of Macrophage Activation and Cardiometabolic Disorders (Invited Lecture)</td>
<td>M. Aikawa, Brigham and Women's Hospital, Boston, MA, USA</td>
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<tr>
<td>09:15</td>
<td>Deficiency of TDAG51 in APOE-Deficient Mice Reduces Atherogenesis (Invited Lecture)</td>
<td>G.S. Hossain, J. Zhou, E. Lynn, K. Maclean, B. Trigatti, D. Tang, S. Lhotak, J. Dickhout, R.C. Austin, McMaster University, Hamilton, Ontario, Canada</td>
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<tr>
<td>09:30</td>
<td>The Role of DNA Damage Response in Atherosclerosis and Vascular Smooth Muscle Cell Apoptosis (Invited Lecture)</td>
<td>T. Ishida, Hiroshima University Graduate School of Biomedical Sciences, Hiroshima, Japan</td>
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<tr>
<td>09:45</td>
<td>Modulation of the Atherosclerotic Plaque by Shear Stress (Invited Lecture)</td>
<td>S. Lehoux, Lady Davis Institute McGill University, Montreal, QC, Canada</td>
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<tr>
<td>10:15</td>
<td>The Role of Plasmacytoid Dendritic Cells in Plaque Destabilization (Invited Lecture)</td>
<td>A. Niessner, Medical University of Vienna, Austria</td>
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<tr>
<td>10:30</td>
<td>C-Reactive Protein Mediated Vascular Injury Requires Complement</td>
<td>A.J. Szalai, M.A. McCrory, F.G. Hage, S. Oparil, D. Xing, Y.F. Chen</td>
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<td>10:45</td>
<td>Coffee Break, Visit Posters and Exhibition</td>
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MONDAY, JULY 26, 2010

08:30 – 10:30

S27 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

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

Abstract No.

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

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

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

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

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

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

10:00 ROBOTIC-ASSISTED LOCOMOTION TRAINING IMPROVES LEFT VENTRICLE DIASTOLIC FUNCTION AND ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH LOST SENSORIMOTOR FUNCTION: AN ECHOCARDIOGRAPHIC STUDY
S. Sitia, L. Tomasoni, I. Bo, L. Gianturco, V. Magagnin, E. Caiani, M. Turiel
Cardiology Unit, Department of Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy

10:15 QTC PROLONGATION DURING VASODILATOR NUCLEAR STRESS TEST (NST) AND ITS ASSOCIATION WITH ABNORMAL SCAN AND ALL CAUSE MORTALITY IN AN INNER-CITY HOSPITAL
N.C. Bhalodkar, M. Atoui, R. Alvi, A. Gardezi, U. Khan, N. Paladugu, S. Blum
Bronx-Lebanon Hospital Center, Bronx, NY, USA; Affiliated with Albert Einstein College of Medicine, Bronx, NY, USA

10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S28 Session
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

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

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

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

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

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

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

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

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

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

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

08:30 – 11:00    S28 (cont.)

Abstract No.

10:45 EFFECT OF LOW DENSITY LIPOPROTEIN APHERESIS ON PLASMA LEVELS OF APOLIPORPTEIN E4
P.M. Moriarty, J.P. Luyendyk, C.A. Gibson, J.M. Backes
University of Kansas, Kansas City, KS, USA

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

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

Abstract No.

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

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

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

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

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

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

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

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

12:45  ABLATION OF ATRIAL FIBRILLATION USING A NOVEL UNI- AND BIPOLAR RADIOFREQUENCY ENERGY ABLATION SYSTEM (Invited Lecture)

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

13:15  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
### PL: 10  
**Plenary Session**  
**OXIDATIVE STRESS AND INFLAMMATION IN CARDIOVASCULAR DISEASE**  

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
</tr>
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<tbody>
<tr>
<td>10:45</td>
<td>221</td>
<td>PATHOPHYSIOLOGY OF AORTIC STENOSIS: ROLE OF OXIDATIVE STRESS</td>
<td><strong>D.D. Heistad</strong>, University of Iowa College of Medicine, Iowa City, IA, USA</td>
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<td>11:00</td>
<td>222</td>
<td>LOX-1 IN CARDIOVASCULAR DYSFUNCTION</td>
<td><strong>T. Sawamura</strong>, National Cardiovascular Center Research Institute, Suita, Osaka, Japan</td>
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<tr>
<td>11:15</td>
<td>223</td>
<td>REGULATION OF NAD(P)H OXIDASE BY HEMODYNAMIC FORCES: IMPACT ON</td>
<td><strong>H. Morawietz</strong>, Dresden University of Technology, Dresden, Germany</td>
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<td>ARTERIOSCLEROSIS</td>
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<td>VASODILATATION</td>
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<td>11:45</td>
<td>225</td>
<td>CRP AND CARDIOVASCULAR DISEASE: USE IN CLINICAL PRACTICE?</td>
<td><strong>B.G. Nordestgaard</strong>, Copenhagen University, Denmark</td>
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</tr>
<tr>
<td>12:00</td>
<td>226</td>
<td>HSP60, INFLAMMATION AND CARDIOVASCULAR DISEASE</td>
<td><strong>A.A. Knowlton</strong>, University of California, Davis, CA, USA</td>
<td></td>
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<tr>
<td>12:15</td>
<td>227</td>
<td>SIGNAL TRANSDUCTION PATHWAYS IMPLICATED IN THE DEVELOPMENT OF</td>
<td><strong>S. Amar</strong>, Boston University, Boston, MA, USA</td>
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<td>ATHEROSCLEROSIS</td>
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<td>ATHEROSCLEROSIS IN PARAOXONASE-2 DEFICIENCY MICE</td>
<td>The University of Texas Southwestern Medical Center, Dallas, TX, USA</td>
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<td>12:45</td>
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<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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MONDAY, JULY 26, 2010

10:45 – 13:30

S29 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF CARDIOMYOPATHIES

Chairperson: R.K. Goyal, Gujarat, India

Abstract No.

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

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

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

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

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

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

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

12:30 ACCURACY OF ECG CRITERIA FOR THE DIAGNOSIS OF LEFT VENTRICULAR HYPERTROPHY
R. Krittayaphong, V. Nomsawadi, M. Muenkaew, M. Miniphan Siriraj Hospital, Bangkok, Thailand
12:45  COMPLICATIONS OF LOW-DOSE, ECHO-GUIDED ALCOHOL SEPTAL ABLATIONS FOR OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY

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

13:00  PREDICTORS OF LEFT VENTRICULAR MASS AMONG PREDOMINANTLY HISPANIC AND AFRICAN AMERICAN PATIENTS WITH DIABETES MELLITUS IN AN INNER CITY HOSPITAL

N.C. Bhalodkar, H. Chelimilla, A. Garg, L. Vicioso, S. Srikakarlapudi, A.M. Limaye, S. Blum, J.N. Bella, Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, Bronx, NY, USA

13:15  THE EFFECT OF ETHNICITY ON COMPUTERIZED ELECTROCARDIOGRAM MEASUREMENT OF COLLEGE ATHLETES

J. Sadik, M.G. Gademan, M.J. Lipinski, D. Sedehi, E.A. Ashley, V.F. Froelicher
Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
### S30 Session
**ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT**

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

<table>
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<th>Time</th>
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<tr>
<td>10:45</td>
<td>IMPACT OF KIDNEY DISEASE AND BLOOD PRESSURE ON THE DEVELOPMENT OF CARDIOVASCULAR DISEASE: RESULTS FROM THE JAPAN ARTERIOSCLEROSIS LONGITUDINAL STUDY</td>
<td><strong>T. Ninomiya</strong>, Y. Kiyohara, Y. Tokuda, Y. Doi, H. Arima, A. Harada, Y. Ohashi, H. Ueshima, Kyushu University, Fukuoka, Japan</td>
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<td>11:00</td>
<td>RELATIONSHIP BETWEEN DEPRESSION AND C-REACTIVE PROTEIN LEVELS AND FIRST CORONARY HEART DISEASE EVENT</td>
<td><strong>K.W. Davidson</strong>, J.A. Shaffer, J.E. Schwartz, S.A. Kirkland, E. Mostofsky, D. Fink, D. Guernsey, D. Schimbo, Department of Medicine, Columbia University Medical Center, NY, USA</td>
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<td>11:15</td>
<td>CAROTID DIAMETER IMPROVES THE CAROTID IMT CAPACITY TO PREDICT CORONARY EVENTS: DATA FROM THE IMPROVE STUDY</td>
<td><strong>D. Baldassarre</strong>, M. Amato, E. Tremoli, on behalf of the IMPROVE study group Department of Pharmacological Sciences, University of Milan, Italy</td>
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<td>11:30</td>
<td>MORTALITY AND MORBIDITY FROM CORONARY HEART DISEASE IN GERMANY ATTRIBUTABLE TO PASSIVE SMOKING</td>
<td><strong>J. Heidrich</strong>, J. Wellmann, P. Heuschmann, <strong>U. Keil</strong> University of Muenster, Germany, Charite Universitaetsmedizin Berlin, Germany</td>
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<td>11:45</td>
<td>CAROTID INTIMA MEDIAL THICKNESS (CIMT) AND SMALL ARTERY ELASTICITY (C2) AS A POWERFUL TOOL FOR CARDIOVASCULAR DISEASE (CVD) RISK STRATIFICATION AS COMPARED WITH HIGH-SENSITIVITY C-REACTIVE PROTEIN (HCRP) REGARDLESS OF SEX</td>
<td><strong>M. El Shahawy</strong>, M. Entcheva, J.N. Cohn Sarasota Memorial Hospital, Sarasota, Fl, USA</td>
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<td>12:00</td>
<td>HOUSEHOLD FOOD INSECURITY AND OCCURRENCE OF CARDIAC RISK FACTORS IN YOUNG: WHO IS AT RISK?</td>
<td><strong>A. Bajaj</strong>, D.D. Ramdath, M. Moghadasian, P.K. Singal St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, MB, Canada</td>
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<tr>
<td>12:15</td>
<td>AGGRESSIVE TREATMENT OF CARDIOVASCULAR RISK FACTORS RESULTS IN THE REDUCTION OF ATHEROSCLEROSIS GROWTH AS MEASURED BY CAROTID INTIMA MEDIA THICKNESS: EXPERIENCE FROM AN ATHEROSCLEROSIS PREVENTION CLINIC</td>
<td><strong>D.M. Eldringhoff</strong>, J.M. Backes, J.F. Ruisinger, J.S. Dutton, B.J. Barnes, J.M. Belmont, P.M. Moriarty Kansas University Medical Center, Kansas City, KS, USA</td>
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12:45 HDL/APO B RATIO EQUAL OR GREATER THAN 1 AS A POTENTIAL TARGET FOR PREVENTION AND REVERSAL OF CARDIOVASCULAR DISEASE?
Reddy Cardiac Wellness, Sugarland, TX, USA

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

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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<th>Board No.</th>
<th>Abstract No.</th>
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<th>Authors</th>
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<tbody>
<tr>
<td>1</td>
<td>251</td>
<td>STATURE, GUIDE CATHETER SIZE, AND ENZYME LEAKS FOLLOWING PERCUTANEOUS CORONARY INTERVENTIONS</td>
<td>C. Fuller, T. Dewhurst, R. Fletcher, M. Gregg, R. Salazar, J. Jesurum Swedish Medical Center, Seattle, WA, USA</td>
</tr>
<tr>
<td>2</td>
<td>252</td>
<td>PLATELET ACTIVATION PROFILE IN PATIENTS WHO UNDERWENT CAROTID VERSUS CORONARY STENT REVASCULARIZATION</td>
<td>M. Camera, D. Trabattoni, E. Tirloni, A.S. Ghulam, M. Brambilla, P. Canzano, A. Bartorelli, E. Tremoli, P. Montorsi, Centro Cardiologico Monzino IRCCS, Milan, Italy</td>
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<tr>
<td>3</td>
<td>253</td>
<td>ACETYLTRANSFERASE ACTIVITY AS A PREDICTOR OF IN-STENT STENOSIS IN THE FOLLOW-UP AFTER CORONARY STENTING</td>
<td>D.G. Iosseliani, I.E. Kuznetzova, S.P. Semitko Moscow City Center of Interventional Cardioangiology, Moscow, Russia</td>
</tr>
<tr>
<td>4</td>
<td>254</td>
<td>THE USE OF A STENT DELIVERY SYSTEM (HEARTRAIL II CATHETER) AS A THROMBECTOMY DEVICE IN SAPHENOUS VEIN GRAFT INTERVENTION; A NOVEL NEW TOOL IN INTERVENTIONAL CARDIOLOGY</td>
<td>H. Hadi, V. Frooq, T. Hamid, R. Khattar, D. Fraser, M. Mamas Manchester Heart Centre, Manchester Royal Infirmary, Oxford Road, UK</td>
</tr>
<tr>
<td>5</td>
<td>255</td>
<td>EVALUATION OF PERCUTANEOUS CORONARY INTERVENTION WITH STENTING ON IMPROVEMENT OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH SINGLE VESSEL CORONARY ARTERY DISEASE</td>
<td>M. Nourizadeh, M. Adel, A. Hosseinzadeh Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Russia</td>
</tr>
<tr>
<td>6</td>
<td>256</td>
<td>DOES OPERATOR EXPERIENCE HAVE AN IMPACT ON LONG-TERM RESULTS AFTER IVUS - GUIDED BARE-METAL STENT IMPLANTATION? RESULTS OF THE RANDOMIZED TRAIL DESIVUS</td>
<td>J. Rzezak, D.I. Vassilev, S. Golebiowski, T. Pawlowski, T. Kulawik, R.J. Gil Central Hospital of the Internal Affairs and Adminstration Ministry, Warsaw, Poland</td>
</tr>
<tr>
<td>7</td>
<td>257</td>
<td>PREDICTING ATHEROSCLEROSIS: AN EXAMINATION OF THE INTIMA-MEDIA THICKNESS OF THE CAROTID AND CORONARY ARTERIES</td>
<td>T. Brittain, N. Gloyeske Kansas City University of Medicine and Biosciences, Kansas City, MO, USA</td>
</tr>
<tr>
<td>8</td>
<td>258</td>
<td>LOW-DOSE ADMINISTRATION OF ATORVASTATIN CAN PREVENT PROGRESSION OF CAROTID ARTERIOSCLEROSIS</td>
<td>T. Hirohashi, E. Tomaru, K. Nakamura, T. Tomaru Toho University, Sakura, Japan</td>
</tr>
<tr>
<td>9</td>
<td>259</td>
<td>THE EPIDEMIOLOGY OF PERIPHERAL ARTERIAL DISEASE (PAD) IN HIV-INFECTED PATIENTS</td>
<td>A. QaQa, N. Mohammad, A. Isbitan, V. Debari, K. El-Kersh, R. Sison, M. Bisharat, J. Slim, G. Perez, F. Shamoon Seton Hall University/St Michaels Medical Center, Newark, NJ, USA</td>
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</table>
### P305 Poster Session
**PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR Atherosclerotic DISEASE**

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<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<tbody>
<tr>
<td>10</td>
<td>260</td>
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<td>264</td>
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<td>265</td>
</tr>
</tbody>
</table>

#### 10 THE ROLE OF CARDIOVASCULAR RISK FACTORS ON LONG-TERM MORTALITY FOLLOWING LIVER TRANSPLANTATION
Westchester Medical Center/ New York Medical College, Valhalla, New York, USA

#### 11 ACUTE EFFECT OF HIGH INTENSITY PHYSICAL EXERCISE ON POSTPRANDIAL HYPERLIPIDEMIA IN YOUNG SEDENTARY SUBJECTS
Escola Bahiana de Medicina e Saude Publica, Salvador, Bahia, Brazil

#### 12 ENDOTHELIAL DYSFUNCTION AND CORONARY MICROCIRCULATION IN YOUNG RENAL TRANSPLANT RECIPIENTS
**S. Sitia**, L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel
IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy

#### 13 DIASTOLIC BLOOD PRESSURE REDUCTION AS A PRIMARY MARKER OF STEP IN METABOLIC SYNDROME
**K.J. Sabourin**, M.I. Stuckey, S. Shapiro, K. Draudt, C. Munoz, R.J. Petrella, University of Western Ontario, School of Kinesiology, ON, Canada

#### 14 INTEGRATED PRIMARY CARDIOVASCULAR PREVENTION PROGRAMME – EXPERIENCES AND POSITIVE RESULTS FROM THE SLOVENIAN MODEL
**Z. Fras**, M.F. Kenda, University Medical Centre Ljubljana, Division of Internal Medicine, Prev Cardiology Unit, Slovenia

#### 15 RISK FACTORS OF ACUTE MYOCARDIAL INFARCT DATA OF HEALTH IN THE PARI SP-SP
Medicine College of Cidade de Sao Paulo University, Sao Paulo, SP, Brasil

### P306 Poster Session
**PULMONARY ASPECTS, PULMONARY HYPERTENSION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>266</td>
</tr>
<tr>
<td>17</td>
<td>267</td>
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<td>18</td>
<td>268</td>
</tr>
<tr>
<td>19</td>
<td>269</td>
</tr>
</tbody>
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#### 16 EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON TEI INDEX IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME
Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

#### 17 PULMONARY HYPERTENSION IN IPF: DOES SEVERITY MATTER?
**O. Minai**, F. Santacruz, K. McCarthy, J. Alster
Cleveland Clinic, Cleveland, Ohio, USA

#### 18 PNEUMONIA AND PULMONARY HYPERTENSION
**T.M. Abu Sharifeh**, W.I. Khalife, V.K. Mukku
UTMB, Galveston, TX, USA

#### 19 ELECTROCARDIOGRAPHIC ABNORMALITIES IN SEVERE VersUS MILD OR MODERATE CHRONIC OBSTRUCTIVE PULMONARY DISEASE
**D. Holtzman**, W.S. Aronow, M. Mellanna, M. Sharma, N. Mehta, D. Chandy
New York Medical College, Valhalla, NY, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
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<td>20</td>
<td>270</td>
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<tr>
<td>P308</td>
<td>Poster Session</td>
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<td>Atherosclerosis: Renal Aspects</td>
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<td>21</td>
<td>271</td>
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<td>272</td>
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<tr>
<td>P309</td>
<td>Poster Session</td>
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<td>Cardiac Arrest and Sudden Cardiac Death</td>
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<tr>
<td>23</td>
<td>273</td>
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<td>24</td>
<td>274</td>
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<td>26</td>
<td>276</td>
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<td>277</td>
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</table>

**Board No.**

20

**Abstract No.**

270

**P308**

**Poster Session**

Atherosclerosis: Renal Aspects

21

Prevalence of Renal Artery Stenosis in Multivessel Coronary Artery Disease in Iranian Population

M. Nourizadeh, M. Adel, E. Hashemi, M. Jadbabaei

Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran

22

Relationship Between Distribution of Coronary Artery Lesions and Renal Artery Stenosis in Patients Undergoing Simultaneous coronary and Renal Angiography

N. Salehi, A. Gholoobi, A. Firouzi, F. Shakerian, H.R. Sanati, M. Madani, Iran University, Tehran, Iran

**P309**

**Poster Session**

Cardiac Arrest and Sudden Cardiac Death

23

First Documented Rhythm and Predictors of Survival Following In-Hospital Cardiopulmonary Resuscitation at the Medical City

M.S. Avelino, R.E. Ramboyong, A.P. Bautista

The Medical City Cardiovascular Center, Pasig City, Philippines

24

Clinical Characteristics and Electrocardiography Features of Black African Elite Athletes: The Cameroon Soccer Registry

H. Djoumessi, F. Ngoh, S. Mandengue, I. Ditah, A. Bonny

University Hospital, University of Douala, Detroit, MI, USA

25

Brugada Syndrome in Pure Black Africans

A. Bonny, J. Tonet, G. Fontaine, J. Lacotte, G. Duthoit, F. Hidden-Lucet, P. Brugada, R. Frank, Hospital Ptitie Salpetriere, Unite de Rythmologie, Paris, France

26

Performance of an Automated External Defibrillator in a Moving Ambulance Vehicle


Chonnam National University Hospital, Gwangju, South Korea

27

Reproducibility and Diagnostic Value of Sodium Channel Blocker Test at Higher Precordial ECG Recording in Patients with Brugada Syndrome: Case Report

E. Nakagawa, K. Murai, N. Kino, A. Furukawa, K. Oosawa, Y. Abe, R. Komatsu, T. Naruko, K. Haze, A. Ito

Osaka City General Hospital, Osaka, Japan
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Poster Session</th>
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<tr>
<td>P310</td>
<td><strong>SYNCOPE</strong></td>
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</tr>
<tr>
<td>28</td>
<td>ETIOLOGIES OF SYNCOPE IN 325 CONSECUTIVE PATIENTS HOSPITALIZED FOR SYNCOPE</td>
<td>278</td>
</tr>
<tr>
<td></td>
<td>S. Sule, C. Palaniswamy, W.S. Aronow, C. Ahn, S.J. Peterson, S. Adapa, L. Mudambi, <strong>H. Lai</strong></td>
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<td>New York Medical College, Valhalla, NY, USA</td>
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<td>P311</td>
<td><strong>MISCELLANEOUS</strong></td>
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</tr>
<tr>
<td>29</td>
<td>QTC AND QT DISPERSION IN MORBID OBESITY: ROLE OF LEFT VENTRICULAR MASS</td>
<td>279</td>
</tr>
<tr>
<td></td>
<td>R. Mukerji, <strong>M.A. Alpert</strong></td>
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<tr>
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<td>University of Missouri Health Sciences Center, Columbia, MO, USA</td>
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<tr>
<td>30</td>
<td>CARDIOVASCULAR COMPLICATIONS FOLLOWING LIVER TRANSPLANTATION</td>
<td>280</td>
</tr>
<tr>
<td></td>
<td>Westchester Medical Center/ New York Medical College, Valhalla, NY, USA</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>USEFULNESS OF BLOOD ARTERIAL CALCIUM ON MAMMOGRAPHY FOR PREDICTING CORONARY ARTERY DISEASE OR CARDIOVASCULAR EVENTS IN WOMEN WITH ANGINA PECTORIS AND/OR POSITIVE STRESS TESTS</td>
<td>281</td>
</tr>
<tr>
<td></td>
<td>N. Penugonda, S.S. Billecke, M.W. Yerkey, M. Rebner, <strong>P. Marcovitz</strong></td>
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<td>Willam Beaumont Hospital, Royal Oak, MI, USA</td>
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<tr>
<td>32</td>
<td>TMPG AND OUTCOMES IN TAKO-TSUBO CARDIOMYOPATHY</td>
<td>282</td>
</tr>
<tr>
<td></td>
<td>C.N. Ionescu, C.A. Agular Lopez, A. Sakr, A.E. Ghantous, M.P. Chrissoheris, T.J. Donohue, <strong>S. Reddy</strong></td>
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<td>Hospital of Saint Raphael, New Haven, CT, USA</td>
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<tr>
<td>33</td>
<td>EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON RENAL FUNCTION IN OBSTRUCTIVE SLEEP APNEA SYNDROME</td>
<td>283</td>
</tr>
<tr>
<td></td>
<td>Nagasaki University, Nagasaki, Japan</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>THE FULL IMPACT OF CHRONIC CARDIOVASCULAR DISEASES CANNOT BE MEASURED WITHOUT AN ASSESSMENT OF LIFE DECISIONS</td>
<td>284</td>
</tr>
<tr>
<td></td>
<td><strong>Z.U. Bhatti</strong>, A.Y. Finlay, M.S. Salek, J.J. Halcox</td>
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<td>Department of Dermatology, School of Medicine, Cardiff University, Cardiff, UK</td>
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<tr>
<td>35</td>
<td>PREOPERATIVE SERUM CREATININE IS ASSOCIATED WITH POSTOPERATIVE ATRIAL FIBRILLATION AFTER CORONARY BYPASS SURGERY</td>
<td>285</td>
</tr>
<tr>
<td></td>
<td>VA Ann Arbor Healthcare System, Ann Arbor, MI, USA, University of Verona, Verona, Italy</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>ACUTE CORONARY SYNDROME IN YOUNG</td>
<td>286</td>
</tr>
<tr>
<td></td>
<td>Coronary Intensive Unit, Corrientes, Argentina</td>
<td></td>
</tr>
</tbody>
</table>
MONDAY, JULY 26, 2010

14:00 – 16:15

**PL: 11 Plenary Session**

NEW CONCEPTS IN CARDIAC REMODELING AND MYOCARDIAL PROTECTION

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

---

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

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

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

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

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

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

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

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

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

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

14:00 – 15:45

PL: 12  Plenary Session

NOVEL RISK FACTORS AND CARDIOVASCULAR DISEASE

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

Abstract No.

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

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

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

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

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

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

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

15:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
14:00 – 16:15

S31  Session  
VALVULAR HEART DISEASE / HEART VALVE SURGERY  

Chairpersons:  
R.W.W. Biederman, Pittsburgh, PA, USA  
J.A. Elefteriades, New Haven, CT, USA  

Abstract No.

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

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

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

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

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

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

15:30  DESCRIPTION OF A NOVEL EX-VIVO IMAGING AND INVESTIGATION TECHNIQUE TO RECORD, ANALYZE AND VISUALIZE HEART VALVE MOTION UNDER PHYSIOLOGICAL CONDITIONS  
M. Kondruweit, S. Friedl, T. Wittenberg, R. Tandler, M. Weyand  
University-Hospital Erlangen, 2Fraunhofer-Institute for Integrated Circuits IIS, Erlangen, Germany

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

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

14:00 – 16:45  Hall D

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

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

Abstract No.

14:00  VICTIMS OF SUDDEN CARDIAC DEATH WITH AMBIGUOUS AUTOPSIES: POTENTIAL FOR ERRONEOUS INTERPRETATION?  312
       St George’s University of London, UK

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

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

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

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

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

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

15:45  OLDER AGE AND ANEMIA MAY PREVENT LEFT ATRIAL REVERSE REMODELING AFTER CARDIAC RESYNCHRONIZATION THERAPY  319
       A.S. So, H.B. Mukhtar, T. McConnell, V. Cotarlan, C. Wenger, F. Maguire,
       J. Shirani, Geisinger Medical Center, Danville, PA, USA
       M. Simon, J. Sperzel, Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany
16:00 ONE-YEAR CHRONIC PERFORMANCE OF A 1.1MM ELECTRODE SPACING ATRIAL LEAD IN ICD RECIPIENTS (ASTER STUDY)  
Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany

16:15 RISK FACTORS FOR REHOSPITALIZATION FOR SYNCOPE AND FOR LONG-TERM MORTALITY IN 325 CONSECUTIVE PATIENTS HOSPITALIZED FOR SYNCOPE  
S. Sule, C. Palaniswamy, W.S. Aronow, C. Ahn, S.J. Peterson, S. Adapa, L. Mudambi, H. Lai  
New York Medical College, Valhalla, NY, USA

16:30 DIAGNOSIS OF UNEXPLAINED CARDIAC ARREST: ROLE OF LONG QT SYNDROME GENETIC SCREENING  
L. Tercedor-Sanchez, J. Jimenez-Jaimez, M. Alvarez-Lopez, R.S. Galdeano, R. Melgares-Moreno, Virgen de las Nieves Hospital, Granada, Spain

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 26, 2010

16:45 – 18:45

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

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

Abstract No.

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

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

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

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

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

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

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

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

16:45 – 18:45

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

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

Abstract No.

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

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

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

17:30  VASOMOTOR SYMPTOMS AND CORONARY ARTERY CALCIUM (Invited Lecture)
       M.A. Allison, J.E. Manson, A. Aragaki, R.D. Langer, J. Rossouw,
       M.L. Stefanick, B.B. Cochrane, M.J. O'Sullivan, K.C. Johnson,
       M. Trevisan
       University of California, San Diego, La Jolla, CA, USA

17:45  MECHANISM OF ACS ONSET - INSIGHT FROM ANGIOSCOPY (Invited Lecture)
       Y. Ueda, K. Matsuo, K. Kashiwase, A. Hirata, M. Nishio, T. Nemoto,
       M. Wada, T. Kashiyama, K. Kodama
       Osaka Police Hospital, Osaka, Japan

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

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

18:30  REMOTE NOCICEPTOR-INDUCED CONDITIONING: PROTECTING THE HEART VIA THE SKIN
       X. Ren, T. Helmy, M. Leesar, J. Rubenstein, Y. Liu, L. Haar, T. Forde, M. Tranter,
       N.L. Weintraub, W.K. Jones, University of Cincinnati, Cincinnati, OH, USA
MONDAY, JULY 26, 2010

16:45 – 18:00  

S33  
GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH  

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

Abstract No.  

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

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

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

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

17:45  
REGENERATION OF INFRACTED MYOCARDIUM WITH NUTRITIONALLY MODIFIED CARDIAC STEM CELLS  
D.K. Das, Cardiovascular Research Center, University of Connecticut, CT, USA
MONDAY, JULY 26, 2010

16:45 – 18:15

S34 Session
ARRHYTHMIA II: DIAGNOSES, DRUG THERAPY/ABLATION

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

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

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

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

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

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

18:00 DO ALL ATRIAL FIBRILLATION PATIENTS REQUIRE IN-HOSPITAL LOADING OF DOFETILIDE AND SOTALOL?
K. Agusala, A. Oesterle, T. Caprio, R. Passman, Northwestern Memorial Hospital, Chicago, IL, USA
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<th>Board No.</th>
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<td>P401</td>
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<td>Poster Session</td>
<td>MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH</td>
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<td>SRC TYROSINE KINASE FAMILY IS A NOVEL UPSTREAM MODULATOR OF STAT3 ACTIVATION IN UROCORTIN-MEDIATED SIGNAL TRANSDUCTION Z. Yuan, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, <strong>C. Chen-Scarabelli</strong>, L. Saravolatz, T.M. Scarabelli St John Hospital &amp; Medical Center, Wayne State University, USA</td>
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<td>THE ANTI-OXIDATIVE EFFECT OF PROPOFOL ON ANGIOTENSIN-II INDUCED APOPTOSIS IN NEONATAL RAT CARDIOMYOCYTES <strong>K.L. Wong</strong>, C.W. Cheung, Y.M. Leung, D.Y. Lu, T.H. Cheng Department of Anesthesiology, and Institute of Clinical Medical Sciences, and Research Group of Cardiovascular Biology, China Medical University and Hospital, Taichung, Taiwan</td>
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<td>GPRE-CONDITIONING H IN MICE FETAL HEART AFFECTED BY MATERNAL MALNUTRITION <strong>T. Ito</strong>, K. Tanabe, K. Funamoto, C. Aoyagi, H. Chisaka, N. Yaegashi, K. Okamura, Y. Kimura, Tohoku University, Japan</td>
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<td>HUMAN CARDIAC KV4.3 CHANNELS ARE REGULATED BY EGFR KINASE AND SRC-FAMILY KINASES <strong>Y.H. Zhang</strong>, C.P. Lau, G.R. Li, The University of Hong Kong, Hong Kong</td>
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<td>482</td>
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<td>HYPOXIC STRESS IN CYSTATHIONINE GAMMA-LYASE-DEFICIENT SMOOTH MUSCLE CELLS S.A. Bryan, G. Yang, R. Wang, <strong>N. Khaper</strong> Lakehead University, Thunder Bay, ON, Canada</td>
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<td>P402</td>
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<td>Poster Session</td>
<td>VASCULAR BIOLOGY, BASIC RESEARCH II</td>
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<td>FCGR-DEFICIENCY ON HEMATOPOIETIC CELLS LIMITS INFLAMMATORY RESPONSES AND PROTECTS AGAINST ATEROGENESIS IN MICE <strong>B. Mallavia</strong>, O. Lopez-Franco, G. Ortíz-Munoz, V. Lopez-Parra, P. Fernandez-Vizarra, P. Hernandez-Vargas, J. Egido, Y. Suzuki, C. Gomez-Guerrero, IIS-Fundacion Jimenez Diaz, Autonoma University, Madrid, Spain</td>
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**P404 Poster Session**

**ECHOCARDIOGRAPHY**

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

- **A NOVEL TWO-DIMENSIONAL ECHOCARDIOGRAPHIC FINDING IN CARDIAC AMYLOIDOSIS**
  New York Medical College and Westchester Medical Center, Valhalla, NY, USA

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

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

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

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

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

**P405 Poster Session**

**SYSTEMIC HYPERTENSION: BASIC AND CLINICAL**

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

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

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

**13:30 – 18:00**

**Poster Hall**

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

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

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

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

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

**P406** Poster Session
LIPID, LIPOPROTEIN DISORDERS AND CAD/ TREATMENT OF DYSLIPOPROTEINEMIA I

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

**P407** Poster Session
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

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

**26** HEAT ENERGY IN THE TREATMENT OF HEART FAILURE
**T. Mussivand**
University of Ottawa Heart Institute, Ottawa, Ontario, Canada
<table>
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<td>27</td>
<td>375</td>
<td>PREVALENCE OF EARLY RHEUMATIC HEART DISEASE IN RURAL GUYANESE AMERINDIAN CHILDREN AS DETECTED BY ECHOCARDIOGRAPHIC SCREENING</td>
<td>S.N.L. Roth, L. Aronson, L. Craw, F. Fernandes, E. Koelink, J. Longtin, N. Musewe, B. Ortuoste, N.R. Saunders, M. Silverman, University of Toronto, Toronto, ON, Canada</td>
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<td>28</td>
<td>376</td>
<td>PATHOPHYSIOLOGY OF CORONARY BLOOD FLOW IN CONGENITAL HEART DISEASE - TRANSTHORACIC DOPPLER ECHOCARDIOGRAPHY STUDY</td>
<td>E.H. Aburawi, E. Pesonen United Arab Emirates University, Faculty of Medicine and Health Science, Al-Ain, UAE</td>
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<td>29</td>
<td>377</td>
<td>INTRA CRANIAL BYPASS OF AN AORTIC ARCH INTERRUPTION WITHOUT COMPENSATORY CARDIAC ANOMALY</td>
<td>B. Leobon, D. Roux, S. Bonnet, V. Chabbert, Y. Aggoun, G. Brierre, Y. Dulac, P. Acar, Hopital des Enfants, France</td>
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<td>30</td>
<td>378</td>
<td>THE CHOICE OF NORMATIVE BASE FOR THE ASSESSMENT OF THE AORTIC VALVE’S DIAMETER</td>
<td>L.A. Bockeria, O.A. Makhachev, T.Y. Philipkina, M.S. Panova, T.L. Berezina, S.B. Zaets, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia</td>
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<td>31</td>
<td>379</td>
<td>HEART VALVE REPLACEMENT AFTER SURGICAL INTERVENTIONS ON VALVES</td>
<td>V.P. Podzolkov, A.M. Nosachev, I.I. Kagramanov, I.A. Yurlov, I.S. Solyanik, T.Y. Danilov, T.O. Astrakhantseva, S.B. Zaets Bakoulev Center for Cardiovascular Surgery, Moscow, Russia</td>
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SCIENTIFIC PROGRAM

Tuesday, July 27, 2010
TUESDAY, JULY 27, 2010

08:30 – 11:00         Hall A

PL: 15  Plenary Session

WHAT IS NEW IN CARDIOMYOPATHIES?

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

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

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

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

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

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

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

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

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

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

10:45 ADIPOnectin EXPRESSION IN PATIENTS WITH INFLAMMATORY
       CARDIOMYOPATHY INDICATES FAVOURABLE OUTCOME AND
       INFLAMMATION CONTROL
       C. Skurk, P. Bobbert, A. Jenke, J. Stehr, S. Wilke, U. Eriksson,
       H.P. Schultheiss, C. Scheibenbogen, Charite, Berlin, Germany

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

08:30 – 10:30

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

Chairpersons:  M.H. Criqui, La Jolla, CA, USA
               A. Klatsky, Oakland, CA, USA

Abstract No.

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

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

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

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

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

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

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

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

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

S35 Session
INTERVENTIONAL CARDIOLOGY
Chairpersons: D. Jain, Lubeck, Germany
             B.F. Uretsky, Little Rock, AR, USA

Abstract No.  

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

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

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

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

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

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

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

10:15 RADIATION DOSE DURING CORONARY ANGIOGRAPHY: CORRELATION TO BMI
A. Shah, P.K. Das, E. Subkovas, M. Payne, A. Azzu, Rees M, C.M. Bellamy
Glan Clwyd Hospital, Bodelwyddan, UK
TUESDAY, JULY 27, 2010

08:30 – 11:00  S35 (cont.)  Hall C

Abstract No.

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

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

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION

Tourism Vancouver/Dannielle Hayes
TUESDAY, JULY 27, 2010

11:00 – 13:15         Hall A

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

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

11:00 TREATMENT OF STABLE ANGINA: UPDATE 2010 (Invited Lecture)  408
U. Thadani, University of Oklahoma, Oklahoma City, OK, USA

11:15 CHEST PAIN EVALUATION IN THE EMERGENCY DEPARTMENT (Invited Lecture)  409
J.H. Chesebro, Umass Memorial Medical School and Medical Center, Worcester, MA, USA

11:30 PCI IN THE MANAGEMENT OF PATIENTS WITH IMPAIRED LEFT VENTRICULAR FUNCTION  410
G.W. Vetrovec
Virginia Commonwealth University, Richmond, VA, USA

11:45 CURRENT STATUS OF ELECTIVE LEFT MAIN STENTING (Invited Lecture)  411
B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA

12:00 SERUM SRAGE, A PREDICTOR OF RESTENOSIS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (Invited Lecture)  412
University of Saskatchewan, Saskatoon, Canada

12:15 TIPS, TRICKS AND PITFALLS IN ACUTE PERCUTANEOUS CORONARY INTERVENTIONS (Invited Lecture)  413
D. Jain, Medizinische Klinik II Universitatsklinikum, Lubeck, Germany

12:30 CARDIO CEREBRAL RESUSCITATION FOR WITNESS CARDIAC ARREST VICTIMS (Invited Lecture)  414
M.R. Movahed, University of Arizona Sarver Heart Center, Tucson, AR, USA

12:45 ACUTE MYOCARDIAL INFARCTION IN CHILE BEFORE AND AFTER THE CHILEAN HEALTH REFORM (Invited Lecture)  415
R.A. Diaz, University of Valparaiso, Chile

13:00 THE SUCCESS OF REGIONALIZED STEMI RECEIVING CENTER NETWORKS (Invited Lecture)  416
I.C. Rokos, Geffen School of Medicine at UCLA, Los Angeles, CA, USA

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
TUESDAY, JULY 27, 2010

11:00 – 13:30   Hall B

PL: 18   Plenary Session
VALVULAR HEART DISEASE

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

Abstract No.

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

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

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

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

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

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

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

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

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

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

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION

84
85

TUESDAY, JULY 27, 2010

11:00 – 12:30         Hall C

S36 Session
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

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

Abstract No.

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

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

11:30 RELATIONSHIP BETWEEN FASTING PLASMA GLUCOSE AND
HEMOGLOBIN A1C AND PREDICTING DIABETES: THE STRONG
HEART STUDY
J.W. Wang, E.T. Lee
Center for American Indian Health Research, College of Public Health,
University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

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

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

12:15 CAN EVIDENCE BASED THERAPY REDUCE DISPARITY OF OUTCOMES
BETWEEN DIABETIC MEN AND WOMEN?
A.S. Volgman, A. Khandelwal, L. Fogg, G.L. Schaer, L. Li, S. Sahota,
T. Bornstein, E. Frankel, P. Patel, J.E. Calvin
Rush University Medical Center, Chicago, IL, USA

12:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
### P501 Poster Session
**NUCLEAR CARDIOLOGY/ POSITRON EMISSION TOMOGRAPHY/ CARDIAC CT AND MRI**

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<th>Board No.</th>
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<tr>
<td>1</td>
<td>433</td>
<td>EVALUATION OF CORONARY ARTERY DISEASE COMPLICATED BY THORACIC AORTIC DISEASE BY WIDE-VOLUME SCAN USING 320-ROW CT</td>
<td>K. Morishige, T. Yamawaki, H. Tashiro, St. Mary's Hospital, Kurume, Japan</td>
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<td>2</td>
<td>434</td>
<td>RELATION OF LEFT ATRIAL BODY AND LEFT ATRIAL APPENDAGE VOLUMES WITH CLINICAL PATTERN OF AF</td>
<td>S. Verma, E. Charaf, N. Garg, Cardiology Consultants, Pensacola, FL, USA</td>
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<td>3</td>
<td>435</td>
<td>IS IT SAFE TO USE REGADENOSON FOR PHARMACOLOGIC STRESS MYOCARDIAL PERFUSION IMAGING IN END STAGE RENAL DISEASE PATIENTS ON DIALYSIS? FIRST CLINICAL REPORT OF 12 PATIENTS</td>
<td>Z. Husain, G. Palani, A. Karthikeyan, V. Karthikeyan, K. Ananthasubramaniam St Joseph Mercy Oakland, Pontiac, MI, USA</td>
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<td>5</td>
<td>437</td>
<td>DOES PERIPROCEDURAL MYONECROSIS AFTER MAIN VESSEL STENTING OF CORONARY BIFURCATIONS OCCUR? ASSESSMENT BY MEANS OF MRI DELAYED ENHANCEMENT</td>
<td>A. Michalek, D.I. Vassilev, R.J. Gil, T. Pawlowski, T. Kulawik Central Hospital of the Internal Affairs and Administration Ministry, Poland</td>
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### P502 Poster Session
**ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY**

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<tr>
<td>6</td>
<td>438</td>
<td>EFFECT OF EARLIER DOOR TO BALLOON TIMES ON USE OF ADJUNCTIVE MEDICATIONS, AND RESULTANT PROCEDURAL SUCCESS IN STEMI</td>
<td>J.R. Cook, L.W. Klein, J. Chow, R. Marok, P.J. Stecy, K. Magurany Illinois Masonic Medical Center, Chicago, IL, USA</td>
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<tr>
<td>7</td>
<td>439</td>
<td>MECHANISM OF ELECTRICAL STIMULATION-INDUCED PRE- AND POST-CONDITIONING</td>
<td>X. Ren, Y. Liu, M. Tranter, M. Wilhide, T. Forde, L. Haar, K. Jones University of Cincinnati, OH, USA</td>
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<td>8</td>
<td>440</td>
<td>THROMBUS ASPIRATION IN AMI PATIENTS AFTER SYSTEMIC TLT COMBINED WITH EMERGENCY PCI</td>
<td>D.G. Iosseliani, A.G. Koledinsky, D.G. Gromov, N.V. Kuchkina, R.V. Zeynalov Moscow City Center of Interventional Cardioangiology, Moscow, Russia</td>
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<td>9</td>
<td>441</td>
<td>NEIGHBORHOOD VARIATION IN RATE OF REVASCULARIZATION AMONG ACUTE MYOCARDIAL INFARCTION PATIENTS IN NEW YORK CITY</td>
<td>A. Negassa, Albert Einstein College of Medicine, Bronx, NY, USA</td>
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<td>442</td>
<td>PREDICTORS OF CORONARY INTERVENTION-RELATED MYOCARDIAL INFARCTION IN STABLE ANGINA PATIENTS PRETREATED WITH STATINS</td>
<td>J. Veselka, P. Hajek, M. Maly, D. Zemanek, R. Adlova, D. Tesar, L. Martinkovicova, P. Tomasov, CardioVascular Center, University Hospital Motol, Prague, Czech Republic</td>
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<td>11</td>
<td>443</td>
<td>OUTCOMES OF PCI IN NONAGENARIANS</td>
<td>C.N. Ionescu, M. Amuchastegui, S.C. Ionescu, C.B. Marcu, A. Ghaitous, S. Reddy Hospital of Saint Raphael, New Haven, CT, USA</td>
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<td>12</td>
<td>444</td>
<td>CLINICAL AND ELECTROCARDIOGRAPHIC CORRELATES OF NORMAL CORONARY ANGIOGRAPHY IN PATIENTS REFERED FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION</td>
<td>S.B. Prasad, D.A. Richards, N. Sadick, A.T. Ong, A. Narayan, P. Kovoor Westmead Hospital, Sydney, Australia</td>
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<tr>
<td>13</td>
<td>445</td>
<td>IMPACT OF RISK FACTORS ON VASCULAR COMPLICATIONS AFTER PRECUTANEOUS CORONARY INTERVENTIONS IN SHAHEED RAJAAE HEART CENTER</td>
<td>A.A. Yusefi, H. Farshidi, M. Madani, F. Shakeryan, H.R. Sanati, A. Firooz, N. Salehi, Hormozgan University, Bandar Abbass, Hormozgan, Iran</td>
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<td>14</td>
<td>446</td>
<td>THE FACTORS ASSOCIATED WITH STENOSIS DEGREE IN CORONARY BIFURCATIONS INFLUENCE RESTENOSIS RATES AFTER SINGLE STENT IMPLANTATION IN CORONARY BIFURCATION LESIONS</td>
<td>D.I. Vassilev, R.J. Gil, A. Michalek, T. Kulawik, T. Pawlowski Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland</td>
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**P504 Poster Session**  
**DIABETES MELLITUS, THE METABOLIC SYNDROME AND Atherosclerosis: Basic and Clinical II**

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<th>Board No.</th>
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<tr>
<td>16</td>
<td>448</td>
<td>THE EFFECT OF INSULIN ON INTRACELLULAR Na+ HOMEOSTASIS IN ISOLATED CARDIOMYOCYTES FROM DIABETIC RATS</td>
<td>A. Bilginoglu, H.B. Kandilci, B. Turan, Ankara University, Ankara, Turkey</td>
</tr>
<tr>
<td>17</td>
<td>449</td>
<td>ASSOCIATION OF ADIPOnectin AND THE HYPERTRIGlycerideMIC-WAIST PHENOTYPE WITH IMPAIRED GLUCOSE TOLERANCE IN WOMEN</td>
<td>J. Methot, Y. Loucif, D. Brisson, D. Gaudet, Université de Montréal, Montréal, Canada</td>
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<tr>
<td>18</td>
<td>450</td>
<td>RELATIONSHIP BETWEEN SLEEP QUALITY AND METABOLIC SYNDROME AND INFLAMMATORY MARKERS IN MIDDLE-AGED MEN IN KOREA</td>
<td>J.H. Cho, S.G. Kang, E.J. Lee, S.W. Song St.Vincent's Hospital, The Catholic University of Korea, Suwon, Gyeonggido, South Korea</td>
</tr>
<tr>
<td>19</td>
<td>451</td>
<td>ERYTHROCYTE FRAGILITY IS INCREASED IN THE LDL RECEPTOR DEFICIENT MOUSE MODEL</td>
<td>K Navab, S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA</td>
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<td>20</td>
<td>452</td>
<td>EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME</td>
<td>S.H. Kim, H.L. Lee, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim Seoul Metropolitan Boramae Hospital, Seoul National University, Seoul National University Hospital, Seoul, Korea</td>
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<tr>
<td>21</td>
<td>453</td>
<td>CARDIOVASCULAR HEALTH PROFILE OF PATIENTS ENROLLED IN A CLINIC BASED DIABETES PREVENTION PROGRAM</td>
<td>F.D. Fortuin, C. Kendall, J. Wisbey, R.T. Hurst, S.J. Lester, S.B. Chism, R. Burke, M. Orban, D.E. Steidely, S. Bersoux, C. Cook, Mayo Clinic Arizona, Phoenix, AZ, USA</td>
</tr>
<tr>
<td>22</td>
<td>484</td>
<td>GENDER AND INFLAMMATION IN INDIVIDUALS WITH THE METABOLIC SYNDROME</td>
<td>I. Shapira, S. Berliner, O. Rogowski Tel Aviv Sourasky Medical Center, Tel Aviv, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel</td>
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**P505 Poster Session**  
**Lipid, Lipoprotein Disorders and CAD/ Treatment of Dyslipoproteinemia II**

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<tr>
<td>23</td>
<td>454</td>
<td>EXPERIMENTS ON THE MECHANISM OF FORMATION OF THE FATTY ACID HYDROPEROXIDES (HPODE AND HPETE)</td>
<td>D. Golchian, G. Hough, L. Vakili, S. Safarpour, S. Hama David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA</td>
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<td>24</td>
<td>EFFICACY ON LIPOPROTEIN PROFILE AND TOLERABILITY OF SUSTAINED RELEASE FORMULATION OF SIMVASTATIN; IS THERE ANY DIFFERENCE BETWEEN MORNING INTAKE OR NIGHTTIME GROUP?</td>
<td>S.H. Kim, H.Y. Lee, J.B. Seo, J.H. Zo, M.A. Kim</td>
<td>Seoul Metropolitan Boramae Hospital, Seoul Metropolitan Bukbu Geriatric Hospital, Seoul National University, Seoul, Korea</td>
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<td>25</td>
<td>ANTI-INFLAMMATORY PEPTIDE COMBINATION ADDITIVELY RENDERS CARDIOMYOPATHY PATIENT PLASMA ANTI-INFLAMMATORY</td>
<td>O. Elboudwarej, J.B. Kim, S. Hama, G. Hough, G. Fonarow</td>
<td>David Geffen School of Medicine, Los Angeles, CA, USA</td>
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<td>26</td>
<td>ACUTE REDUCTION OF LIPOPROTEIN A FOLLOWING LDL-APHERESIS MAY IMPROVE SYMPTOMS OF ANGINA</td>
<td>D.G. Bulchandani, P. Moriarty</td>
<td>University of Kansas School of Medicine, Kansas City, KS, USA</td>
</tr>
<tr>
<td>27</td>
<td>THE DETERMINANTS OF RIGHT VENTRICULAR FAILURE IN PATIENTS ADMITTED WITH ACUTE RIGHT HEART FAILURE</td>
<td>R.B. Berkowitz, E. Alhaj, K. Satya, R.B. Manchikalapudi, S. Dadfarmay</td>
<td>Hackensack University Medical Center, Hackensack, NJ, USA</td>
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<td>28</td>
<td>CEREBRAL HEMORRHAGE: PRECIPITATING EVENT FOR A TAKO-TSUBO-LIKE CARDIOMYOPATHY</td>
<td>A.R. Rahimi, M. Katayama, J. Mills, Mercer U. School of Medicine, Savannah, Georgia, USA</td>
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<td>31</td>
<td>TREATMENT WITH L-CARNITINE SIGNIFICANTLY IMPROVES DIASTOLIC HEART FAILURE AND SYMPTOMS</td>
<td>A.R. Serati, M.R. Motamedi, S. Emami, P. Varedi, M.R. Movahed</td>
<td>The Southern Arizona VA Health Care System, AZ, USA</td>
</tr>
<tr>
<td>32</td>
<td>THIAMIN SUPPLEMENTATION IN PATIENTS WITH CHRONIC HEART FAILURE RECEIVING FULL MEDICAL TREATMENT</td>
<td>M. Mousavi, S. Namazi, M.R. Avadi</td>
<td>Khatam-al-Anbia Hospital, Iran</td>
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TUESDAY, JULY 27, 2010

08:30 – 12:30                  Poster Hall

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

Board No.                Abstract No.
33 464

A STRUCTURED AMIODARONE PROTOCOL FOR THE MANAGEMENT OF POST OPERATIVE ATRIAL FIBRILLATION IS EQUIVALENT TO INDIVIDUALIZED PHYSICIAN MANAGEMENT
M.J. Shih, M.G. Parikh, A. Khandelwal, R.S.D. Higgins, K. Krishnan
Rush University Medical Center, Chicago, IL, USA

34 465

THE PREVALENCE OF INTRA-VENTRICULAR CONDUCTION DELAY IN ATRIAL FIBRILLATION
E.A. Charaf, B.S. Abi-Saleh, P. Sultani, B. Omar, S. Verma
University of South Alabama, Mobile, Alabama, USA

35 466

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

36 467

ORAL ASCORBIC ACID IS EFFECTIVE IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CORONARY ARTERY BYPASS GRAFTING
M. Mousavi, M. Eslami, R. Sattarzadeh Badkoubeh, H. Radmehr, M. Salehi, N. Tavakoli, M.R. Avadi, Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran

37 468

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

38 469

MULTIFACTORIAL QT INTERVAL PROLONGATION: THE RISK OF POLYPHARMACY
G.C. Digby, A.R. Perez Riera, R. Barbosa Barros, L. de Sousa Belem, C. Fong, M. Methot, F. Femenia, A. Baranchuk
Department of Cardiology, Kingston General Hospital, Queen's University, Kingston, ON, Canada

39 470

WHAT ARE THE RISK FACTORS FOR DEVELOPING ATRIAL FIBRILLATION IN HIV INFECTED PATIENTS?
Y. Elnahar, J. Dao, N. Gupta, F. Shammoon, A. Al-dehneh, Seton Hall University, Newark, NJ, USA

P509  Poster Session
ADVANCES IN CARDIAC SURGERY

40 471

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

**08:30 – 12:30**

### Poster Session

#### Cardiac Transplantation

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**COMPARISON OF CORONARY ARTERY BYPASS GRAFTING VERSUS DRUG-ELUTING IMPLANTATION**

P.P. Pollice, S.E. Saad, **P.F. Pollice**, F.A. Fabiani  
University of Berne, Switzerland

**LOWER TRENDS IN THE NATIONWIDE IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING CORONARY BYPASS SURGERY (CABG) IN THE UNITED STATES**

**M.R. Movahed**, R.Ramaraj, M. Hashemzadeh, University of Arizona Sarver Heart Center, Tucson, AR, USA

**CAROTID INTIMA-MEDIA THICKNESS BY B-MODE ULTRASOUND AS A SURROGATE OF CORONARY ATHEROSCLEROSIS**

**M. Amato**, P. Montorsi, A.L. Ravanl, S. Galli, P.M. Ravagnani, E. Tremoli, D. Baldassarre, Monzino Cardiology Center, IRCCS, Italy

**PREVIOUS PERCUTANEOUS CORONARY STENTING: A NEW RISK FACTOR IN CARDIAC SURGERY**

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

**EFFECT OF CABG ON QT INTERVAL DISPERSION AS A MEASURE OF INHOMOGENEITY IN VENTRICULAR REPOLARIZATION**

**M. Nourizadeh**, M. Alasti, S. Bahadoran, M. Asadmoghadam  
Department of Cardiology, Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Iran

**REVASCULARIZATION OUTCOMES ON THE JOINT CARDIOLOGY-CARDIOTHORACIC MULTIDISCIPLINARY TEAM (MDT) MEETING**

**W.K. Choo**, R.A. Amersey, Whips Cross University Hospital, London, UK

**ASSESSMENT OF KIDNEY FUNCTION BY CYSTATIN C IN PATIENTS AFTER CORONARY ARTERY BYPASS GRAFTING**

University Medical Centre, Ljubljana, Slovenia

**THE USE OF IVUS FOR DIAGNOSIS AND MONITORING OF CARDIAC ALLOGRAFT VASCULOPATHY BY CARDIAC TRANSPLANT CENTERS IN THE UNITED STATES**

E. Panczyk, J.C. Copeland, **M.R. Movahed**, University of Arizona Sarver Heart Center, Tucson, AR, USA

**PROTAMINE CAN BE SAFELY ADMINISTERED FOR HEPARIN REVERSAL FOLLOWING IVUS IN CARDIAC TRANSPLANT PATIENTS**

R. Arsanjani, A. Khitri, M. Hashemzadeh, **M.R. Movahed**  
The Southern Arizona VA Health Care System, Tucson, AZ, USA

**CNI - FREE IM IN CARDIAC TRANSPLANTATION - A SINGLE CENTER EXPERIENCE**

**M. Kondruweit**, R. Tandler, M. Weyand, University of Erlangen, Bavaria, Germany