INTERNATIONAL ACADEMY OF CARDIOLOGY

17th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, **JULY 27 - 30, 2012**

PROGRAM

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Dear Friend and Colleague,

On behalf of the Organizing Committee, it is my great pleasure to welcome you to Toronto and to the International Academy of Cardiology - 17th World Congress on Heart Disease, Annual Scientific Sessions 2012.

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

Many distinguished cardiologists and scientists have joined the faculty and will take part in this Congress. Papers will be presented in the form of plenary sessions, symposia and posters and will include superb scientific material that was carefully selected by the Scientific Abstract Review committee from over 750 abstracts submitted for presentation at the meeting. These studies, originating from laboratories in 54 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 Toronto, in July 2012.

Yours sincerely,

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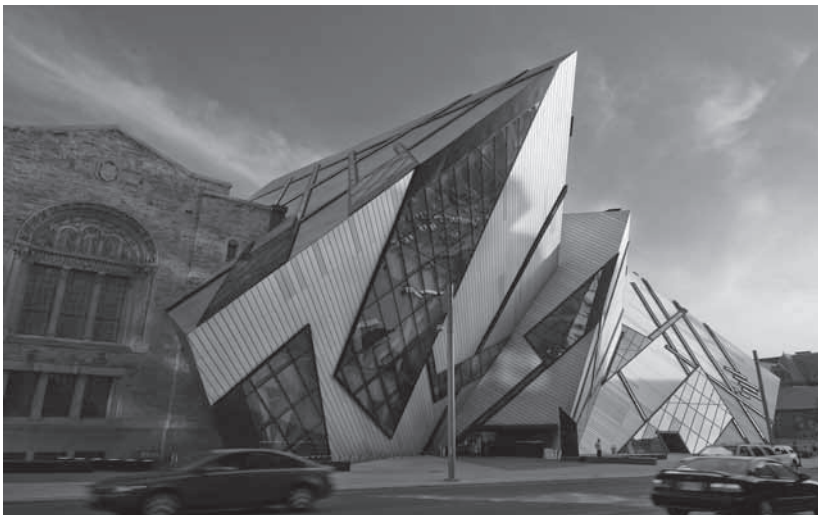

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Jian Ye, Canada
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Wen-Chung Yu, Taiwan-R.O.C.
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INTERNATIONAL ACADEMY OF CARDIOLOGY MEMORIAL AWARDS

The International Academy of Cardiology has established five awards to honor the memory of distinguished colleagues who made a major contribution to Medicine and Cardiology and who were members of the faculty for previous International Academy of Cardiology meetings. As in previous years, the recipients were selected by a very prestigious Awards Committee. The awards for 2012 will be presented at the Opening Ceremony of the Congress.

AWARD RECIPIENTS

The **WALTER BLEIFELD MEMORIAL AWARD** for distinguished work in the field of Clinical Research

1995	William Ganz, USA
1996	John B. Barlow, South Africa
1997	Sidney Goldstein, USA
2000	E. Douglas Wigle, Canada
2002	Uri Elkayam, USA
2003	John A. Elefteriades, USA
2005	James H. Chesebro, USA
2007	Clive Rosendorff, USA
2008	Harisios Boudoulas, Greece
2010	Wilbert S. Aronow, USA
2011	Maryl R. Johnson, USA

The **ALBRECHT FLECKENSTEIN MEMORIAL AWARD** for distinguished work in the field of Basic Research

1995	Lionel H. Opie, South Africa
1996	Peter Ganz, USA
1997	Jutta Schaper, Germany
2000	Naranjan S. Dhalla, Canada
2002	Hani N. Sabbah, USA
2003	Jawahaw L. Mehta, USA
2005	Francis G. Spinale, USA
2007	Thomas Force, USA
2008	Robert Roberts, Canada
2010	Pawan K. Singal, Canada
2011	Dipak K. Das, USA

The **JAN J. KELLERMANN MEMORIAL AWARD** for distinguished work in the field of Cardiovascular Disease Prevention

1995	Nanette Kass Wenger, USA
1996	James S. Forrester, USA
1997	Charles H. Hennekens, USA
2000	Bodh I. Jugdutt, Canada
2002	William T. Abraham, USA
2003	Dean Ornish, USA
2005	Rodolfo Paoletti, Italy
2007	Gerald S. Berenson, USA
2008	Philip R. Liebson, USA
2010	Elizabeth L. Barrett-Connor, USA
2011	Nathan D. Wong, USA

AWARD RECIPIENTS (cont'd)

The **HANS-PETER KRAYENBUEHL MEMORIAL AWARD** for distinguished work in the field of Research in Cardiac Function

1995	Edmund H. Sonnenblick, USA
1996	Harold J.C. Swan, USA
1997	William H. Gaasch, USA
2000	Ralph Shabetai, USA
2002	Jeffrey S. Borer, USA
2003	Sergio Dalla-Volta, Italy
2005	Michael E. Cain, USA
2007	Lewis C. Becker, USA
2008	Sherif F. Nagueh, USA
2010	Gerd Heusch, Germany
2011	Martin A. Alpert, USA

The **MELVIN L. MARCUS MEMORIAL AWARD** for distinguished contribution as a Gifted Teacher

1995	Kanu Chatterjee, USA
1996	Shahbudin H. Rahimtoola, USA
1997	Robert A. O'Rourke, USA
2000	A. Jamil Tajik, USA
2002	Daniel S. Berman, USA
2003	David H. Spodick, USA
2005	Shlomo Stern, Israel
2007	George W. Vetrovec, USA
2008	Udho Thadani, USA
2010	Navin C. Nanda, USA
2011	Michael H. Criqui, USA

INTERNATIONAL ACADEMY OF CARDIOLOGY DISTINGUISHED FELLOWSHIP AWARDS

The International Academy of Cardiology has established Distinguished Fellowship Awards, to honor colleagues who have made a profound contribution Cardiovascular Medicine and provided important service to the Academy. The Awards will be presented each year to Faculty Members of the World Congress on Heart Disease at the Opening Ceremony of the Congress.

DISTINGUISHED FELLOWSHIP AWARD RECIPIENTS

2005	Jeffrey S. Borer, USA
2005	Kanu Chatterjee, USA
2005	Hani N. Sabbah, USA
2007	James H. Chesebro, USA
2007	Uri Elkayam, USA
2007	Francis G. Spinale, USA
2008	Martin Alpert, USA
2008	Naranjan S. Dhalla, Canada
2008	John A. Elefteriades, USA
2010	Anne B. Curtis, USA
2011	Lewis C. Becker, USA
2011	Daniel S. Berman, USA
2011	Bodh I. Jugdutt, USA

INTERNATIONAL ACADEMY OF CARDIOLOGY OPENING LECTURES

Since 2005, the Opening Lecture has been presented as the J.H.C Swan Memorial Lecture.

1989 HEART FAILURE: ETIOLOGICAL MODELS AND THERAPEUTIC IMPLICATIONS
Edmund H. Sonnenblick, USA

1993 THE MOLECULAR BIOLOGY OF CARDIAC HYPERTROPHY AND FAILURE: THE POTENTIAL FOR MOLECULAR INTERVENTION
Robert Roberts, USA

1995 CARDIOMYOPATHY OF OVERLOAD: AN UNNATURAL GROWTH RESPONSE IN THE FAILING HEART
Arnold M. Katz, USA

1996 PREVENTION OF HEART FAILURE - FEASIBLE AND DESIRABLE
Kanu Chatterjee, USA

1997 MORPHOLOGICAL AND FUNCTIONAL TRANSFORMATION OF THE LEFT VENTRICLE IN HEART FAILURE
Sidney Goldstein, USA

1998 PREVENTION OF CORONARY DISEASE EVENTS: MYTHS AND OPPORTUNITIES
Harold J.C. Swan, USA

1999 NEW CONCEPTS CONCERNING THE CELL BIOLOGY OF VULNERABLE PLAQUES
James S. Forrester, USA

2000 THE CELLULAR AND MOLECULAR BASIS OF HEART FAILURE IN VALVULAR REGURGITATION: RELATION TO CLINICAL OUTCOME
Jeffrey S. Borer, USA

2001 MODERN PERSPECTIVES ON DISEASES OF THE THORACIC AORTA
John A. Elefteriades, USA

2002 GENETIC MECHANISMS OF HEART FAILURE
Jeffrey A. Towbin, USA

2003 HEART FAILURE AND THE NEED FOR DEVICE THERAPY
William T. Abraham, USA

2005 INTEGRATION OF CARDIAC MRI, CARDIAC CT SCANNING, AND NUCLEAR CARDIOLOGY IN CLINICAL ASSESSMENT OF PATIENTS WITH KNOWN OR SUSPECTED CHRONIC CAD: WHICH TEST IN WHICH PATIENT?
D.S. Berman, USA

2007 HOW BEST TO IDENTIFY PATIENTS AT RISK FOR SUDDEN CARDIAC DEATH
M.E. Cain, USA

2008 WOMEN AND HEART DISEASE IN THE POST-WHI ERA
E.L. Barrett-Connor, USA

2010 VOODOO DEATH REVISITED: THE MODERN LESSONS OF NEUROCARDIOLOGY
M.A. Samuels, USA

2011 ANGIOGENESIS IN ATHEROSCLEROSIS: MECHANISM, ROLE AND THERAPEUTIC IMPLICATION
J.L. Mehta , USA

ACKNOWLEDGEMENTS

We would like to offer very special thanks to the following companies and organizations for their unrestricted educational grants.

Boston Scientific Corporation

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The International Academy of Cardiology expresses its sincere thanks to our dedicated staff who helped bring this meeting to reality.

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GENERAL INFORMATION

VENUE AND HEADQUARTERS HOTEL
The Fairmont Royal York is the venue and headquarters hotel of the
International Academy of Cardiology
17th World Congress on Heart Disease
Annual Scientific Sessions 2012

Hotel Address:
100 Front Street West, Toronto, ON, Canada
Tel: +1 416 368 2511; Fax: +1 416 368 9040

LANGUAGE
The official language of the Congress is English.

REGISTRATION DESK
The Registration Desk will operate as follows:

Friday, July 27, 2012	16:00 - 20:00 hours
Saturday, July 28, 2012	08:00 - 18:00 hours
Sunday, July 29, 2012	08:00 - 18:00 hours
Monday, July 30, 2012	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 Speaker Ready Room, at least 1 hour before the start of your session. You may bring your own computer as back up but please check it together with the technician in the session hall where your lecture will take place, during the break prior to 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 Speaker Ready Room.**

Please note that the congress' computers in the session halls are supplied with Office 2010.

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

Please note that VHS video projection, 35 mm slide projection and overhead projection will not be available.

POSTER PRESENTATIONS
Please see the program for the exact date of your poster presentation. Presenters must put up their posters by 07:45 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:

Friday, July 27, 2012	18:30 - 20:00 hours
Saturday, July 28, 2012	10:00 - 17:00 hours
Sunday, July 29, 2012	10:00 - 17:00 hours
Monday, July 30, 2012	10:00 - 13:00 hours

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

GET-TOGETHER RECEPTION
Registered participants are invited to the Get-Together Reception, which will take place in the Exhibition Area (Concert Hall) of the Fairmont Royal York on Friday, July 27, 2012.

FAREWELL DINNER (Optional)
The Farewell Dinner will take place on Sunday, July 29, 2012 at 20:00. Tickets to the dinner are sold-out and no more tickets may be purchased.

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 17th World Congress on Heart Disease. Participants should make their own arrangements with respect to health and travel insurance.

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International Academy of Cardiology
17th World Congress on Heart Disease
Annual Scientific Sessions 2012
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SOCIAL PROGRAM

FRIDAY, JULY 27, 2012

GET –TOGETHER RECEPTION 18:30 – 20:00

Get-Together Reception in the Exhibition Area (Concert Hall) of the Fairmont Royal York at 18:30

SUNDAY, JULY 29, 2012

FAREWELL DINNER (Optional) 20:00

The Farewell Dinner will take place on Sunday, July 29, 2012 at 20:00.
Tickets to the dinner are sold-out and no more tickets may be purchased.

LIST OF EXHIBITORS

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

- ADINSTRUMENTS INC
  2205 Executive Circle
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  Scisense and Transonic Systems Inc. have combined to offer a full range of instrumentation to assess cardiac function and output, including pressure catheters to measure both vessel and chamber pressure, flowprobes to measure blood flow and pressure-volume systems to measure ventricular PV Loops and cardiac contractility. We have regional offices located in The Netherlands, Canada, USA, Taiwan and Japan.

LIST OF EXHIBITORS (cont'd)

- SPARTAN BIOSCIENCE INC
  6 Gurdwara Rd, Suite 204
  Ottawa, ON, K2E 8A3
  Canada
  Tel: 1 613 228 7756
  Fax: 1 613 228 8636
  Email: info@spartanbio.com

  Spartan Bioscience Inc. is a privately held molecular diagnostics company that provides DNA testing for decentralized and point-of-care (POC) applications. The Spartan RX CYP2C19 system is the first sample-to-result POC genetic testing system for the CYP2C19 *2 allele. It is an easy to use system and provides genetic testing results in 1 hour for personalized anti-platelet therapy, and has CE IVD Mark.

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  Thoratec is the world leader in mechanical circulatory support with the broadest product portfolio to treat patients suffering from advanced heart failure. The company's products include the HeartMate LVAS and Thoratec VAD, with more than 20,000 devices implanted in patients suffering from heart failure. Thoratec also manufactures and distributes the CentriMag and PediMag / PediVAS product lines.

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INTERNATIONAL ACADEMY OF CARDIOLOGY

17th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, , JULY 27 – 30, 2012

SCIENTIFIC PROGRAM

Saturday, July 28, 2012

SCIENTIFIC PROGRAM

SATURDAY, JULY 28, 2012

09:00 – 10:15 **Hall A**

OC: **OPENING CEREMONY**

Chair: **Jeffrey. S Borer**, USA

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

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

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

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

William Bommer, USA
Member, Scientific Executive Committee
International Academy of Cardiology

Nathan D. Wong, USA
Member, Scientific Executive Committee
Chairman, Section of Preventive Cardiology
International Academy of Cardiology

Michael E. Farkouh, Canada
Member, Scientific Executive Committee
International Academy of Cardiology

PRESENTATION OF 2012 AWARDS
Jeffrey S. Borer, USA
John A. Elefteriades, USA

SATURDAY, JULY 28, 2012

09:40 – 10:15 **Hall A**

OL: OPENING LECTURE – SIXTH H.J.C. SWAN MEMORIAL LECTURE

Chair: **J.L. Mehta,** Little Rock, AR, USA

Abstract No.

09:40 INTRODUCTION
J.L. Mehta, Little Rock, AR, USA

09:45 PERIPARTUM CARDIOMYOPATHY: NEW CONCEPTS IN PATHOPHYSIOLOGY AND MANAGEMENT (Opening Lecture) 081
U. Elkayam, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15 **Hall A**

PL01 Plenary Session
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

Chairs: **K. Maiese**, Newark, NJ, USA
M.A. Rossi, Ribeirao Preto, Sao Paulo, Brazil

10:45 CELL LONGEVITY PATHWAYS GOVERN VASCULAR AND INFLAMMATORY RESPONSES TO OXIDANT STRESS (Invited Lecture) 001
K. Maiese, New Jersey Medical School, Newark, NJ, USA

11:00 CALPAIN-MEDIATED DYSTROPHIN DISRUPTION MAY BE A POTENTIAL STRUCTURAL CULPRIT BEHIND CHRONIC DOXORUBICIN-INDUCED CARDIOMYOPATHY (Invited Lecture) 002
M.A. Rossi, University of Sao Paulo, Sao Paulo, Brazil

11:15 STEM CELLS AND VASCULAR DISEASE (Invited Lecture) 003
Q. Xu, Kings College London, UK

11:30 THE EFFECTS OF RISK FACTORS ON ENDOTHELIAL PROGENITOR CELLS IN CARDIOVASCULAR DISEASES (Invited Lecture) 004
S-J. Lin, National Yang-Ming University and Taipei Veterans General Hospital, Taipei, Taiwan

11:45 THE CONUNDRUM OF MYOCARDIAL REGENERATION (Invited Lecture) 005
W. Mohl, Medizinische Universität Wien, Vienna, Austria

12:00 CO-ORDINATED AUTOPHAGY WITH RESVERATROL AND -TOCOTRIENOL CONFERS SYNERGETIC CARDIOPROTECTION (Invited Lecture) 006
D.K. Das, University of Connecticut School of Medicine, Farmington, CT, USA

PL01 **Plenary Session**
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE (cont)

Abstract No.

12:15 MYOCARDIN ACTIVITY IS REGULATED BY PROTEASOMAL DEGRADATION (Invited Lecture) 007
X-L. Zheng, The University of Calgary, AL, Canada

12:30 HIV-1 INFECTION IS ASSOCIATED WITH IMPAIRED ENDOTHELIAL PROGENITOR CELL FUNCTION 008
K.J. Diehl, O.J. MacEneaney, J.J. Greiner, B.L. Stauffer, E. Connick, C.A. DeSouza
University of Colorado, Boulder, CO, USA

12:45 GINSENOSIDE RE ENHANCES THE SURVIVAL OF H9C2 CARDIAC MUSCLE CELLS THROUGH REGULATION OF AUTOPHAGY 009
Z-L. Zhang, Y. Fan, **M-L. Liu**
Peking University First Hospital, Beijing, China

13:00 CARDIAC SPECIFIC OVER-EXPRESSION OF MEMBRANE-ASSOCIATED HUMAN STEM CELL FACTOR IMPROVES CARDIAC FUNCTION IN DIABETIC MICE 010
F-L. Xiang, Y. Liu, X.R. Lu, M.R. Liu, Q.P. Feng
Western University, and Lawson Health Research Institute, London, ON, Canada

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15 **Hall B**

PL02 **Plenary Session**
CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION

Chairs: **S.F. Nagueh,** Houson, TX, USA
N.C. Nanda, Birmingham, AL, USA

10:45 PROGRESS IN ECHOCARDIOGRAPHY (Invited Lecture) 011
N.C. Nanda, University of Alabama at Birmingham, Birmingham, AL, USA

11:00 VALVULAR HEART DISEASE: CAN MRI TRUMP THE ECHOCARDIOGRAM? (Invited Lecture) 012
R.W.W. Biederman, University Allegheny General Hospital, Pittsburgh, PA, USA

11:15 NOVEL ECHOCARDIOGRAPHIC INDICES OF LEFT VENTRICULAR DIASTOLIC FUNCTION (Invited Lecture) 013
S.F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houson, TX, USA

11:30 EVALUATION OF CHEST PAIN IN THE EMERGENCY DEPARTMENT: A PATIENT-CENTERED IMAGING APPROACH (Invited Lecture) 014
J.J. Mahmarian, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

PL02 **Plenary Session**
CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION (cont)

Abstract No.

11:45 USEFULNESS OF OPTICAL COHERENCE TOMOGRAPHY IN CLINICAL PRACTICE IN PATIENTS WITH CORONARY ARTERY DISEASE (Invited Lecture) 015
T. Akasaka, Wakayama Medical University, Japan

12:00 REVIEW OF MOVAHED'S SIGN (D SHAPED LEFT VENTRICLE SEEN ON GATED SPECT) SUGGESTIVE OF RIGHT VENTRICULAR OVERLOAD (Invited Lecture) 016
M-R. Movahed, University of Arizona Sarver Heart Center, Tucson, AZ, USA

12:15 STRESS ECHOCARDIOGRAPHY: DIAGNOSIS, PROGNOSIS AND RECENT ADVANCES (Invited Lecture) 017
A. Elhendy, Marshfield, WI, USA

12:30 VULNERABLE PLAQUE AND VULNERABLE PATIENT: INSIGHTS FROM IVUS AND OCT (Invited Lecture) 018
H. Okura, Kawasaki Medical School, Kurashiki, Japan

12:45 DIAGNOSTIC ACCURACY OF EXERCISE ECHOCARDIOGRAPHY (Invited Lecture) 019
M. Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

13:00 CARDIAC MAGNETIC RESSONANCE IMAGING IN PERIPARTUM CARDIOMYOPATHY 020
N.P. Arora, N. Mahajan, R. Danrad, A. Kottam, T. Li, T. Mohamad, L.C. Afonso
Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15 **Hall C**

S21 **Session**
VALVULAR HEART DISEASE, DISEASES OF THE THORACIC AORTA, CONGENITAL HEART DISEASE, PEDIATRIC CARDIOLOGY

Chairs: **N.E. Bowles,** Salt Lake City, UT, USA
N.M. Rajamannan, Rochester, MN, USA

10:45 IDENTIFYING THE MOST COST EFFECTIVE METHOD OF RISK ASSESSING ASYMPTOMATIC WOLFF-PARKINSON-WHITE PATIENTS 021
C.S. Snyder, P.E. Thomas, J. Steinberg
Rainbow Babies and Children's Hospital, Cleveland, OH, USA

S21 **Session**
VALVULAR HEART DISEASE, DISEASES OF THE THORACIC AORTA, CONGENITAL HEART DISEASE, PEDIATRIC CARDIOLOGY (cont)

Abstract No.

11:00 UNPREDICTABLE "DE NOVO" ATRIAL FIBRILLATION OCCURRENCE AFTER MITRAL VALVE REPAIR VS REPLACEMENT — 022
G. Peretto, A. Durante, N. Cristell, C. Meloni, A. Laricchia, M. Spartera, F. Ancona, S. Benussi, O. Alfieri, D. Cianflone
Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy

11:15 HEART VALVE TISSUE REGENERATION WITH EXTRACELLULAR MATRIX BIO-SCAFFOLD: A NEW SURGICAL TECHNIQUE — 023
W.D. Boyd, J.N. Young, J. Sullivan, H.K. Bhullar, S. Mayberg, S. Kim, W.J. Bommer
University of California, Davis, Sacramento, CA, USA

11:30 INTRACARDIAC CAVOPULMONARY CONNECTION IN PATIENTS WITH UNIVENTRICULAR HEART USING INTRA-ATRIAL LATERAL TUNNEL AND INTRA-ATRIAL CONDUIT TECHNIQUES — 024
M.A. Maluf
Cardiovascular Division, Universidade Federal de São Paulo, São Paulo, Brazil

11:45 LONG TERM FOLLOW-UP OF TRANSCATHETER DEVICE CLOSURE OF PM-VSD — 025
M.S. Alhabdan, A.N. Alomrani
College of Medicine, Al-Imam University, Riyadh, Saudi Arabia

12:00 PECULIARITIES OF CONGENITAL HEART DISEASES IN ADULTS — 026
Y. Pya, S. Alimbaev, M. Freund, M. Aripov, **S. Kadirova**, R. Murzabaeva
National Research Cardiac Surgery Center, Astana, Kazakhstan

12:15 INSIGHTS INTO THE AORTIC WALL — 027
J.A. Elefteriades, Yale University School of Medicine, New Haven, CT, USA

12:30 BRAIN NATRIURETIC PEPTIDE AS A PREDICTOR OF VOLUME-OVERLOAD IN CHILDREN WITH SHUNT LESION — 028
I.A. Saad, T.S. Ibrahim, Cairo University, Egypt

12:45 THROMBOSIS FOLLOWING CLOSURE OF LARGE DISTAL CORONARY ARTERY FISTULA - TO CLOSE OR NOT CLOSE LARGE DISTAL CAF? — 029
S.G. Gowda, T.F. Forbes, H.S. Singh, L.L. Latson, L.P. Prieto, D.T. Turner
The Children's Hospital of Michigan, MI, USA

13:00 THE OUTCOME OF TRANSCATHETER PATENT DUCTUS ARTERIOSUS CLOSURE IN PATIENTS WEIGHING ≤ 8kg — 030
Y. Alheraish, A. Alomrani, M. Aljoufan
King Faisal Specialist Hospital and Research Center, Heart Institute, Riyadh, Saudi Arabia

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:30 **Hall D**

S22 **Session**
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

Chairs: **U. Forstermann,** Mainz, Germany
F. Gao, Xi'an, China

Abstract No.

10:45 DIMINISHED ENDOTHELIAL FIBRINOLYTIC CAPACITY IN ADULTS WITH IMPAIRED FASTING GLUCOSE 031
K.J. Diehl, B.R. Weil, D.L. Templeton, J.J. Greiner, B.L. Stauffer, C.A. DeSouza, University of Colorado, Boulder, CO, USA

11:00 ASSOCIATION OF GLYCATED HEMOGLOBIN WITH LONG-TERM ADVERSE CARDIAC EVENTS AFTER PERCUTANEOUS CORONARY INTERVENTION IN NON DIABETES PATIENTS (WITH CORONARY ARTERY DISEASE): AN OBSERVATIONAL STUDY FROM THE KOREAN COACT REGISTRY 032
J-H. Jang, S.H. Her, M.W. Park, C.J. Kim, J.B. Kwon
Daejeon St. Mary's Hospital, Daejeon, South Korea

11:15 PROGNOSTIC IMPACT OF DIABETES MELLTIUS ON A WELL-DEFINED MULTI-ETHNIC ASIAN CLINICAL HEART FAILURE POPULATION: A ONE-YEAR FOLLOW-UP FOR A THREE-YEAR COHORT 033
S.C. Chai, Y. Cao, P.P. Goh, G. Leong
Changi General Hospital, Singapore

11:30 THE INFLUENCE OF DIABETES ON CARDIOVASCULAR OUTCOMES IN ACUTE HEART FAILURE PATIENTS IN SINGAPORE 034
Y.Y. Go, N. Shanmugam, L.L. Sim, S.Y. Chia, F.R. Jaufeerally, D. Sim, B. Kwok, F. Gao, R. Liew
National Heart Center Singapore, Singapore

11:45 CD36 PROMOTES ADIPOCYTE DIFFERENTIATION AND ADIPOGENESIS 035
R.H. Lijnen, V. Christiaens, I. Scroyen
Center for Molecular and Vascular Biology, KU Leuven, Leuven, Belgium

12:00 ASPIRIN RESISTANCE IN WELL CONTROLLED TYPE II DIABETES MELLITUS 036
S. Khosropanah, A. Shadmehr
Shiraz University of Medical Sciences, Shiraz, Iran

12:15 INDRISK: A TYPE 2 DIABETES SCREENING TOOL FOR PRIMARY HEALTH CARE PROVIDERS IN RURAL INDIA 037
T. Sathish, S. Kannan, P.S. Sarma, K.R. Thankappan
Monash University, VIC., Australia

12:30 PHARMACOLOGICAL STUDIES ON THUNBERGIA ALATA BOJER EX SIMS: A PLANT ALONG WITH THE NUMEROUS POTENCIES 038
M.A.H. Mollik
Practical Academy on Wise Education and Research Foundation, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, PA, USA

S22 METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS (cont)

		Abstract No.
12:45	RANDOMIZED 30-DAYS TRIAL WITH GRANULATED GYMNEMA GREEN TEA TO REDUCE BLOOD SUGAR **A.K.M. Alamgir** St Michael's Hospital, Toronto, ON, Canada	039
13:00	BODY SURFACE AREA-INDEXED LEFT ATRIAL VOLUME PARADOX AFTER SURGICAL TREATMENT FOR MORBID OBESITY G.H. Yao, L. Navaravong, J. Abboud, J. D'Amours, A. King, **L. Jiang** Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA	040
13:15	PARENTAL PERCEPTION OF CHILDHOOD OBESITY AND POTENTIAL DETERMINANTS IN THE UNITED ARAB EMIRATES **A. Abdulle**, A. Aljunaibi, N. Nagelkerke Faculty of Medicine, UAE University, Al-Ain, UAE	041
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

08:00 – 13:00 **Poster Hall**

P101 Poster Session
INTERVENTIONAL CARDIOLOGY I

Board No		Abstract No.
1	ACUTE VERSUS CHRONIC CORONARY DISEASE OUTCOMES IN OCTOGENARIANS WITH CHRONIC KIDNEY DISEASE **D. Bhatt**, G. Trivedi, M.U. Saqlain, M. Gibb, S. Mehta, P. Kansara University of Illinois College of Medicine, Urbana-Champaign, IL, USA	042
2	IMPACT OF STENT LENGTH ON NEOINTIMAL HYPERPLASIA AFTER RESOLUTE ZOTAROLIMUS ELUTING STENT IMPLANTATION **R. Yamada**, T. Kume, K. Waseda, P.G. Yock, I.T. Meredith, M.B. Leon, L. Mauri, A.C. Yeung, P.J. Fitzgerald, Y. Honda Stanford University Medical Center, CA, USA	043
3	SAPHENOUS VEIN GRAFT PCI VIA RADIAL ARTERY ACCESS: SAFE AND EFFECTIVE WITH REDUCED HOSPITAL LENGTH OF STAY **S.S. Bundhoo**, P. Freeman, V. Kunadian, S. Vijayan, R. Edwards, T.D. Kinnaird, A. Zaman, R.A. Anderson	044
4	IN-HOSPITAL MORTALITY OF OBESE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION HAS BEEN DECLINING FROM 1994 TO 2006 **M-R. Movahed**, M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, Tucson, AZ, USA	045
5	COMPARISON OF BASELINE CHARACTERISTICS AND OUTCOMES BETWEEN EARLY AND LATE STAGED PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE CORONARY SYNDROME N. Balasubramaniyam, W.S. Aronow, C. Palaniswamy, H.M. Lai, J. Doshi, L.J. Cuomo, **S. Khera**, S. Sule, S.J. Peterson New York Medical College, Valhalla, NY, USA	046
6	TECHNIQUE AND PROCEDURAL OUTCOME OF PERCUTANEOUS CORONARY INTERVENTION FOR CHRONIC TOTAL OCCLUSION S Sehlli, **T. Nantsupawat**, A Velasco, N Nantsupawat, A Kumar Texas Tech University Health Sciences Center, Lubbock, TX, USA	047
7	BRACHYTHERAPY FOR IN-STENT RESTENOSIS: OUTCOMES AT 90 DAYS **G.N. Srinivas**, A. Singh, B. Kaplan, B.M. Arkonac, D. Jauhar, S. Singal, R. Jauhar Long Island Jewish Medical Center New Hyde Park, NY, USA	048

08:00 – 13:00 **Poster Hall**

P102 **Poster Session**
CARDIOMYOPATHIES: VARIOUS ETIOLOGIES

Board No		Abstract No.
8	FEATURES OF PRIMARY DILATED CARDIOMYOPATHY AMONG EGYPTIAN HEART FAILURE PATIENTS **B.S. Ibrahim**, R.N. Hanna, M. Aboelenein, R.H. Aziz, M. Abdelhady, M. Fahmy, M. Ali National Heart Institute, Cairo, Egypt	049
9	UNRECOGNIZED ISOLATED LEFT VENTRICULAR NONCOMPACTION PRESENTING AS STROKE IN A YOUNG WOMAN G.A. Baquero, D.J. Colegrove, **J.E. Banchs** Penn State College of Medicine. Hershey, PA, USA	050
10	PERIPRATUM HEART FAILURE WITH NORMAL EJECTION FRACTION: A NOVEL ENTITY IN THE SPECTRUM OF PERIPARTUM CARDIOMYOPATHY **N.P. Arora**, N. Mahajan, K. Ballapuram, A. Kottam, M. Toosi, L.C. Afonso Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA	051
11	CLINICAL CHARACTERISTICS OF PERIPARTUM CARDIOMYOPATHY IN EGYPTIAN WOMEN: A REPORT OF 10 PATIENTS **B.S. Ibrahim**, R.N. Hanna, M. AboEleinen National Heart Institute, Cairo, Egypt	052

P103 **Poster Session**
CONSTRICTIVE PERICARDITIS

12	OCTOPUS BEYOND CORONARY ARTERY BYPASS SURGERY **S.K. Singh**, V. Tewarson, A. Kumar, T. Goyal, D. Kaushal, S. Kumar, V. Devenraj, N. Rajput, S. Kumar CSM Medical University, Lucknow, India	053
13	SIGNIFICANT CORONARY FLOW IMPAIRMENT SECONDARY TO EFFUSIVE CONSTRICTIVE PERICARDITIS A.R. AL Emam, **W.I. Khalife**, G. Abu Said, M. Morsy University of Texas Medical Branch, Galveston, TX, USA	054

08:00 – 13:00 **Poster Hall**

P104 **Poster Session**
ECHOCARDIOGRAPHY

Board No		Abstract No.
14	IS ECHOCARDIOGRAPHY RELIABLE IN EVALUATING THE ASCENDING AORTA COMPARED TO COMPUTED TOMOGRAPHY IN PATIENTS WITH BICUSPID AORTIC VALVE? A. Raizada, M.Q. Najib, J. Ganji, **M. Kumar**, H.P. Chaliki May Clinic, Scottsdale, AZ, USA	055
15	PREDICTION OF RECURRENT VENTRICULAR ARRHYTHMIAS AFTER MYOCARDIAL INFARCTION BY SPECKLE TRACKING ECHOCARDIOGRAPHY **B.L. Nguyen**, L. Capotosto, G. D'Alessandro, A. Rafique, E.S. Gang, F. Barilla, R.J. Siegel, A. Vitarelli, Sapienza University, Rome, Italy	056
16	CLINICALLY UNRECOGNIZED MITRAL REGURGITATION IS PREVALENT IN LONE ATRIAL FIBRILLATION AND MAY BE ETIOLOGICALLY RELATED TO DEVELOPMENT OF LONE ATRIAL FIBRILLATION S. Sharma, **S. Singh**, R. Sandhu, N. Bhambi, R. Sharma, B.K. Bhambi Bakersfield Heart Hospital, Bakersfield, CA, USA	057
17	MOVING BEYOND THE ABSTRACT: OBJECTIVE DETERMINANTS OF RIGHT HEART FAILURE M.M. Ahmed, J. Petersen, A. Szady, **J.M. Aranda Jr.**, R. Schofield UF College of Medicine, University of Florida, Gainesville, FL, USA	058
18	COMPARISON OF CARDIAC OUTPUT DETERMINED BY THERMODILUTION, THE FICK METHOD, AND TRANSTHORACIC ECHOCARDIOGRAPHY A.A. Khanfar, W.I. Khalife, M. Morsy, P. Nalabothu, R. Merla, H.K. Kuo, **M. Aldeiri**, University of Texas Medical Branch, Galveston, TX, USA	059
19	ASSESSMENT OF RIGHT ATRIAL FUNCTION COMPARED TO INTERATRIAL SEPTUM AND LEFT ATRIUM: A DOPPLER MYOCARDIAL IMAGING STUDY IN HEALTHY SUBJECTS **Z. Ojaghi-Haghighi**, A. Alizadehasl, M. Maleki, N. Naderi, M. Esmaeilzadeh, F. Noohi, H. Moladoust, H. Bakhshandeh, P. Nakhostin Davari, R. Azarfarin Tehran University of Medical Sciences, Tehran, Iran	060
20	ECHOCARDIOGRAPHIC EVALUATION OF PATIENTS WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION BEFORE AND AFTER PULMONARY ARTERY ENDARTERECTOMY M. Shojaeifard, G.H. Omrani, **M. Esmaeilzadeh**, H. Bakhshandeh Abkenar Tehran University of Medical Sciences, Tehran, Iran	061
21	EFFECT OF ECHO CONTRAST ON WALL THICKNESS MEASUREMENTS: COMPARISON WITH MRI R. Bhardwaj, P. Sharma, T. Kazmi**, J. Roy**, A.P. Morise, G. Hobbs, A.C. Jain, C.F. Failinger, West Virginia University, Morgantown, WV, USA	062
22	ECHOCARDIOGRAPHIC FINDINGS IN PULMONARY EMBOLISM **R. Cohen**, P. Loarte, V. Navarro, B. Mirrer Woodhull Medical Center, NYU School of Medicine. Brooklyn, NY, USA	063

08:00 – 13:00 **Poster Hall**

P105 **Poster Session**
CAD: PROGNOSIS, RISK STRATIFICATION

Board No		Abstract No.
23	EVALUATION OF A NOVEL ALGORITHM FOR CARDIAC RISK ASSESSMENT IN PATIENTS REFERRED FOR KIDNEY TRANSPLANT **K.K. Mogali**, J.R. Vilaro, M.M. Ahmed, M.C. Karam Demori, J.M. Aranda,Jr. University of Florida College of Medicine, Gainesville, FL, USA	064
24	CARDIOMETABOLIC RISK FACTORS, REVEALED IN HEALTH CENTERS, AND PROLONGATION OF QT-INTERVAL **M.V. Avdeeva**, A.B. Shapovalova, L.V. Shcheglova St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia	065
25	SERIAL MEASUREMENTS OF TROPONIN AFTER AN ACUTE CORONARY SYNDROME **E.M. Macin**, M. Onocko, M. Arevalo, R. Zoni, E.R. Perna, L. Reyes, J.M. Lange, B. Gonzalez Arjol, L. Peña, M. Brizuela Instituto de Cardiologia JFCabral, Corrientes, Argentina	066
26	THE RELATIONSHIPS BETWEEN SELF-RATED HEALTH AND SERUM LIPIDS ACROSS TIME A. Shirom, S. Toker, S. Melamed, **I. Shapira** Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel	067
27	ATRIAL FIBRILLATION AND MYOCARDIAL INFARCTION: A COMMON FINDING? **E.M. Macin**, R. Zoni, M. Onocko, M. Arevalo, C. Burgos, S. Popilosky, E.R. Perna, F. Echeverria Instituto de Cardiologia JFCabral, Corrientes, Argentina	068
28	ASSESSING THE ROLE OF HOMOCYSTEIN IN NUMBER AND SEVERITY OF CORONARY ARTERY DISEASE (CAD), IN PATIENTS WITH AND WITHOUT MAJOR CORONARY RISK FACTORS THAT UNDERWENT ELECTIVE CORONARY ANGIOGRAPHY M. Sadeghi, **B. Elahi** Rajayi Heart Center, Tehran, Iran	069

08:00 – 13:00 **Poster Hall**

P106 **Poster Session**
SYSTEMIC HYPERTENSION: BASIC AND CLINICAL

Board No		Abstract No.
29	PRE-DIABETES IN HYPERTENSIVE PATIENTS WITH VITAMIN D DEFICIENCY N.K. Agarwal, **S.K. Agarwal** St. George's University, St. George's, Grenada, West Indies, Agarwal Health Center, East Orange, NJ, USA	070
30	ANTHROPOMETRIC MEASURES AS PREDICTORS OF PREHYPERTENSION IN ADOLESCENTS **M. Bracho**, C. Esis, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez, G. Calmon, Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela	071
31	12-WEEK TREATMENT WITH VALSARTAN ON CENTRAL AORTIC SYSTOLIC PRESSURE MEASURED BY BPRO DEVICE IN HYPERTENSIVE ASIANS **H.H. Teong**, A. Chin, A.A. Sule, V. Chadachan, P. Handa, J.C. Tay Tan Tock Seng Hospital, Singapore	072
32	EFFECT OF PRIOR ANTI-HYPERTENSIVE USE ON MORTALITY IN PATIENTS WITH CARDIOGENIC SHOCK REQUIRING INTRAAORTIC BALLOON PUMP USAGE **J.H.J. See**, J. Chow, Changi General Hospital, Singapore	073
33	SUBCLINICAL DEPRESSION IN A HYPERTENSIVE POPULATION **S.K. Agarwal,** Agarwal Health Center, East Orange, NJ, USA	074
34	THE ASSOCIATION BETWEEN PHYSICAL ACTIVITY LEVELS AND BLOOD PRESSURE **D. Wijesena**, J. Liu, Brock University, ON, Canada	075
35	RENAL SYMPATHETIC DENERVATION: A SYSTEMATIC ANALYSIS S. Sontineni, **O. Bansal**, Creighton University, Omaha, NE, USA	076
36	PREVALENCE OF HYPERTENSION AND FACTORS ASSOCIATED AMONG HIGH SCHOOL STUDENTS IN ZAHEDAN, IRAN **F. Khoshkhou**, A. Arbabisarjou Islamic Azad University of Zahedan Branch, Zahedan, Iran	077
37	INVESTIGATIONS OF PLANTS USED FOR THE HYPERTENSION IN THE DAGANBHUIYAN UPAZILA WTHIN FENI DISTRICT OF BANGLADESH **M.A.H. Mollik** Peoples Integrated Alliance, Mirpur, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, PA, USA	078

14:00 – 16:15 **Hall A**

PL03 **Plenary Session**
NEW INSIGHTS INTO THE PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES

Chairs: **K. Chatterjee,** San Francisco, CA, USA
N.S. Dhalla, Winnipeg, MB, Canada

Abstract No.

14:00 MECHANISMS OF CARDIAC DYSFUNCTION IN DIABETIC CARDIOMYOPATHY (Invited Lecture) 079
N.S. Dhalla, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada

14:15 ARE THERE DIFFERENCES IN PATHOPHYSIOLOGY AND VENTRICULAR REMODELING BETWEEN SYSTOLIC AND DIASTOLIC HEART FAILURE? (Invited Lecture) 080
K. Chatterjee, Medicine University of Iowa, Medicine University of California San Francisco, CA, USA

14:30 PERIPARTUM CARDIOMYOPATHY: AN UPDATE ON CLINICAL PROFILE IN THE UNITES STATES
U. Elkayam, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA

14:45 APTAMERS BIND AND NEUTRALIZE BETA1-RECEPTOR AUTOANTIBODIES: BASICS FOR A NEW TREATMENT OPTION IN CARDIOMYOPATHY (Invited Lecture) 082
I. Schimke, Pathobiochemie and Medizinische Chemie Charite - Universitatsmedizin Berlin, Germany

15:00 CARDIOTOXICITY IN CANCER THERAPY (Invited Lecture) 083
J. Liu, Memorial Sloan Kettering Cancer Center, New York, NY, USA

15:15 IRON-OVERLOAD CARDIOMYOPATHY: PATHOPHYSIOLOGY, DIAGNOSIS, AND TREATMENT (Invited Lecture) 085
G.Y. Oudit, Mackenzie Health Sciences Centre Edmonton, Alberta, Canada

15:30 THE DEGRADATION SYSTEM IN CARDIOMYOCYTES (Invited Lecture) 086
O. Yamaguchi, Osaka University Graduate School of Medicine, Japan

15:45 ALCOHOL SEPTAL ABLATION VS. SEPTAL MYECTOMY FOR HOCM: WHEN TO DO WHICH (Invited Lecture) 084
M.A. Fifer, Massachusetts General Hospital, Boston, MA, USA

16:00 A SYSTEMATIC REVIEW FOR SUDDEN CARDIAC DEATH IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS WITH MYOCARDIAL FIBROSIS: A CMR LGE STUDY 087
R.W.W. Biederman, N.J. Silva, A.T. Paladino, M. Doyle, S.T. Reddy, G. Rayarao, J. Yamrozik, R.B. Williams, D.A. Vido
Gerald McGinnis Cardiovascular Institute, Allegheny General Hospital, Pittsburgh, PA, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:30 **Hall B**

PL04 **Plenary Session**
SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT

Chairs: **M.E. Cain,** Buffalo, NY, USA
A.B. Curtis, Buffalo, NY, USA

Abstract No.

14:00 CARDIAC ARRHYTHMIAS IN THE ELDERLY-MANAGEMENT ISSUES 088
(Invited Lecture)
K.A. Adarsh, Govt. Medical College/G.N.D. Hospital, Amritsar, Punjab, India

14:15 NEW INSIGHTS INTO IDENTIFICATION OF PATIENTS AT RISK FOR SUDDEN CARDIAC DEATH 089
(Invited Lecture)
M.E. Cain, University at Buffalo, Buffalo, NY, USA

14:30 IS CARDIAC RESYNCHRONIZATION THERAPY PROARRHYTHMIC? 090
(Invited Lecture)
A. Curtis, University of Buffalo, Buffalo, NY, USA

14:45 THE PREVALENCE AND PROGNOSTIC SIGNIFICANCE OF EARLY REPOLARIZATION (J WAVE) IN BRUGADA SYNDROME (Invited Lecture) 091
M. Takagi, Osaka City University Graduate School of Medicine**,** Osaka, Japan

15:00 ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY: DISEASE OF THE DESMOSOME WITH MULTIPLE CLINICAL PRESENTATIONS 092
(Invited Lecture)
F. Duru, University Hospital of Zurich, Switzerland

15:15 HEART FAILURE AND AICD'S: TIME TO GO BEYOND THE INITIAL SHOCK 093
(Invited Lecture)
J.M. Aranda Jr., University of Florida College of Medicine, Gainesville, FL, USA

15:30 DIAGNOSTIC SIGNIFICANCE OF TC-99M-PYP RADIONUCLIDE MYOCARDIAL SCINTIGRAPHY, EVALUATING POSSIBLE PRESENCE, SEVERITY OF SARCOID CARDIOMYOPATHY AND SUDDEN CARDIAC DEATH RISK PREVENTION IN 178 SYSTEMIC SARCOIDOSIS PATIENTS STUDIED 094
(Invited Lecture)
N.I. Angomachalelis, Aristotle University School of Medicine, Thessaloniki, Greece

15:45 BENEFIT OF AV- AND VV-DELAY OPTIMIZATION IN PATIENTS TREATED WITH CARDIAC RESYNCHRONIZATION THERAPY: A META-ANALYSIS 095
D. Auger, U. Hoke, J.J. Bax, E. Boersma, V. Delgado
Centre Hsopitalier de l'Universite de Montreal, Montreal, QC, Canada

16:00 THERAPEUTIC HYPOTHERMIA IS ASSOCIATED WITH A GOOD NEUROLOGIC OUTCOME IN PATIENTS WHO SURVIVED AN IN-HOSPITAL CARDIAC ARREST 096
S.U. Nair, T. Macatangay, J.B. Lundbye
Hartford Hospital, Hartford, CT, USA

PL04 **Plenary Session**
SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT (cont.)

Abstract No.

16:15 CLINICAL VARIABLES ASSOCIATED WITH THE DEVELOPMENT OF ELECTRICAL STORM IN PATIENTS WITH CHAGAS' DISEASE AND AN ICD — 097
W.F. McIntyre, M. Valentino, A. Treggia W.M. Hopman, A. Baranchuk
Kingston General Hospital, Queen's University, Kingston, ON, Canada

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:15 **Hall C**

S23 **Session**
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

Chairs: **Y. Charuzi,** Los Angeles, CA, USA
C. Rosendorff, New York, NY, USA

14:00 INDEPENDENT PREDICTORS OF MORTALITY, REHOSPITALIZATION, AND CARDIAC SYNCOPE IN THE ELDERLY: A RETROSPECTIVE STUDY — 098
S. Khera, W.S. Aronow, C. Palaniswamy, S. Sule, J.V. Doshi, S. Adapa, N. Balasubramaniyam, C. Ahn, S.J. Peterson, C. Nabors
New York Medical College, Valhalla, NY, USA

14:15 FRAILTY IS INDEPENDENTLY ASSOCIATED WITH SHORT-TERM OUTCOMES FOR ELDERLY PATIENTS WITH NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION — 099
N.G. Ekerstad, E. Swahn, M. Janzon, J. Alfredsson, R. Lofmark, M. Lindenberger, P. Carlsson
The Centre for Medical Technology Assessment/IMH, Linkoping University and Trollhattan-Vanersborg-Uddevalla, Sweden

14:30 MICROVASCULAR RETINOPATHY PREDICTS FUTURE CARDIAC EVENTS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE — 100
S.K. Chew, A. Hutchinson, D. Colville, J. Savige
The Northern Hospital, Melbourne, VIC, Royal Melbourne Hospital, Melbourne, VIC, Australia

14:45 LIPID PROFILE IN 3 DIFFERENT ETHNIC GROUPS IN THE VERY ONSET OF ST SEGMENT ELEVATION MYOCARDIAL INFARCTION (STEMI) — 101
F. Ancona, M. Spartera, N. Cristell, A. Durante, A. Laricchia, **G. Peretto**, D. Hu, Uren Ng, A. Maseri, D. Cianflone
Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy

15:00 ASSOCIATION BETWEEN PNEUMOCOCCAL VACCINATION AND MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION — 102
B. Kaseer, J. Chahin, R. Weyandt, **M. Zahid**, ExcelaHealth Cardiology, Greensburg, PA, USA, University of Pittsburgh, Pittsburgh, PA, USA

S23 SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION (cont)

Abstract No.

15:15 APPLYING THE CADILLAC RISK SCORE IN ASIAN PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION WHO UNDERWENT PRIMARY PERCUTANEOUS CORONARY INTERVENTION — 103
B.W.M. Liew, J. Chow, S.H. Ong, C.H. Tan, P.P. Goh
Changi General Hospital, Singapore

15:30 EFFECT OF XUEZHIKANG, AN EXTRACT FROM RED YEAST CHINESE RICE, ON CORONARY EVENTS IN A CHINESE POPULATION WITH PRIOR MYOCARDIAL INFARCTION — 104
Z. Lu, W. Kou, B. Du, Y. Wu, S. Zhao, **D.M. Capuzzi**
Thomas Jefferson University, Philadelphia, PA, Lankenau Institute for Medical Research, Wynnewood, PA, USA

15:45 CIGARETTE SMOKING INCREASES ASPIRIN RESISTANCE IN STABLE ANGINA — 105
S. Khosropanah, A. Azad
Shiraz University of Medical Sciences, Shiraz, Iran

16:00 BLOOD GLUCOSE LEVEL ON ADMISSION AS A SIMPLE PREDICTOR OF CORONARY OCCLUSION DEGREE IN ACUTE CORONARY SYNDROME — 106
C.K. Simanjuntak, F. Liwang, B. Aprilia, W.J. Iskandar, G. Lilihata, R. Kurniawan, F.C Fredy, S.A. Nasution
Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:00 **Hall D**

S24 **Session**
NEW DIRECTIONS IN CARDIAC SURGERY: SURGICAL REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION

Chairs: **M.E. Bowdish,** Los Angeles, CA, USA
W. Mohl, Vienna, Austria

Abstract No.

14:00 CASE SERIES USING THE ROTAFLOW SYSTEM FOR TEMPORARY RIGHT VENTRICUALR ASSIST DEVICE FOLLOWING HEARTMATE II IMPLANTATION — 107
A. Khani-Hanjani, G. Loor, M. Mountis, T. Chameogeorgakis, A. Shafii, M. Hanna, E. Soltesz, G.V. Gonzalez-Stawinski
Cleveland Clinic, Cleveland, OH, USA

14:15 COMBINED HEART AND LIVER TRANSPLANTATION – THE CLEVELAND CLINIC EXPERIENCE — 108
A. Dave Nagpal, T. Chamogeorgakis, A.E. Shafii, M. Hanna, C.M. Miller, J. Fung, G.V. Gonzales-Stawinski, Cleveland Clinic, Cleveland, OH, USA

14:30 DEVELOPMENT OF SEVERE CHRONIC KIDNEY DISEASE AFTER ORTHOTOPIC HEART TRANSPLANTATION — 109
H. Yerebakan, M. Ji, A. Kossar, **S. Khalid**, S. Jones, L. Soni, M. Argenziano, H. Takama, Y. Naka, F.H. Cheema
University of Connecticut Health Center, Farmington, CT, USA

14:45 SURGICAL TREATMENT OF MYOCARDIAL BRIDGING IN 46 PATIENTS — 110
Q. Y. Wu, Z.H. Xu, H.Y. Li, B. Yuan, **L. Wang**
Heart Center, First Hospital of Tsinghua University, Beijing, China

15:00 SAFETY AND PREDISPOSITION FOR INFECTIONS AFTER DENTAL PROCEDURES IN MECHANICAL ASSIST DEVICES (LVADS) RECIPIENTS — 111
K.C. McCants, J.B. McCants, P.S. Combs, P. Raheja, E. Birks, M.S. Slaughter
University of Louisville & Jewish Hospital, Louisville, KY, USA

15:15 INTRA-AORTIC BALLOON PUMP COUNTERPULSATION HAS NO EFFECT ON IN-HOSPITAL MORTALITY IN ACUTE CORONARY SYNDROMES COMPLICATED BY CARDIOGENIC SHOCK — 112
C.N. Ionescu, P. ElAzoury, T.J. Donohue, A. Ghantous
Hospital of Saint Rapahel, New Haven, CT, USA

15:30 CORRELATION BETWEEN HYPOMAGNESEMIA AND CORONARY VASCULOPATHY POST HEART TRANSPLANT — 113
W.I. Khalife, M. Morsy, S. Garikipati, P. Nalabothu
University of Texas Medical Branch, Galveston, TX, USA

15:45 EXERCISE RESPONSE AFTER CARDIAC TRANSPLANTATION — 114
E. Abiodun Oluwatosin
Renaissance Consultant, Lagos, Nigeria

16:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

16:45 – 19:15 **Hall A**

PL05 **Plenary Session**
A GLIMPSE TO THE FUTURE – GENETICS OF HEART DISEASE
Joint Session with the American College of Cardiology / California Chapter

Chairs: **K.N. Pandey,** New Orleans, LA, USA
R. Roberts, Ottawa, ON, Canada

Abstract No.

16:45 GENE DELIVERY TO REGULATE VASCULAR SMOOTH MUSCLE FUNCTION (Invited Lecture) 115
J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA

17:00 GENETICS OF CORONARY ARTERY DISEASE (Invited Lecture) 116
R. Roberts, University of Ottawa Heart Institute, ON, Canada

17:15 NEW APPROACHES TO IDENTIFY THE GENETIC CAUSES OF CONGENITAL HEART DEFECTS (Invited Lecture) 117
N.E. Bowles, S.B. Bleyl, M.F. Leppert, C.B. Arrington
University of Utah School of Medicine, Eccles Institute of Human Genetics, Salt Lake City, UT, USA

17:30 MULTIDISCIPLARY APPROACH TO GWAS FOR HEART FAILURE BASED ON THE VARIOUS ETIOLOGY AND ETHNICITY (Invited Lecture) 118
T. Toyo-Oka, University of Tokyo, Japan

17:45 GENETIC-DISRUPTION OF *NPR1* LEADS TO CARDIAC HYPERTROPHY AND REMODELING: ROLE OF PRO-INFLAMMATORY CYTOKINES (Invited Lecture) 119
K.N. Pandey, Tulane University Health Sciences Center, School of Medicine, New Orleans, LA, USA

18:00 CARDIOVASCULAR CONTRIBUTIONS TO NEUROLOGICAL DISEASE (Invited Lecture) 120
Y. Li, College of Medicine University of Florida, Gainesville, FL, USA

18:15 GENETIC FACTORS INFLUENCING LEFT VENTRICULAR HYPERTROPHY (Invited Lecture) 121
J.N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

18:30 IMPACT OF BETA-ADRENERGIC RECEPTOR POLYMORPHISM ON NON-INVASIVE CAD TESTING (Invited Lecture) 122
J. Shirani, St. Luke's Hospital and Health Network, Philadelphia, PA, USA

18:45 CRITICAL REGULATORY ROLES OF TGFBETA/BMP SIGNALING PATHWAYS DURING MYOCARIDAL WALL DEVELOPMENT (Invited Lecture) 123
K. Jiao, C. Harmelink, The University of Alabama at Birmingham, AL, USA

19:00 IMPAIRED SIRT1 NUCLEOCYTOPLASMIC SHUTTLING IN THE SENESCENT HEART IN RESPONSE TO ISCHEMIC STRESS 124
C. Tong, A. Morrison, S. Mattison, S. Qian, M. Bryniarski, B. Rankin, J. Wang, D. Thomas, **J. Li**
SUNY at Buffalo, Buffalo, NY, USA

16:45 – 19:00 **Hall B**

PL06 **Plenary Session**
ADVANCES IN CARDIOVASCULAR SURGERY, CORONARY REVASCULARIZATION AND HEART TRANSPLANTATION

Chairs: **M.R. Johnson,** Madison, WI, USA
L.P. Perrault, Montreal, QC, Canada

Abstract No.

16:45 ANTIBODY MEDIATED REJECTION IN HEART TRANSPLANTATION – A CLINICIAN'S PERSPECTIVE (Invited Lecture) 125
M.R. Johnson, University of Wisconsin, Madison, WI, USA

17:00 ROLE OF CMV IN CARDIAC ALLOGRAFT VASCULOPATHY (Invited Lecture) 126
N. Nair, Texas A&M HSC College of Medicine, Temple, TX, USA

17:15 MANAGEMENT OF EARLY POSTOPERATIVE CORONARY BYPASS GRAFT FAILURE (Invited Lecture) 127
L.P. Perrault, Montreal Heart Institute, Montreal, QC, Canada

17:30 DESIGN OF FUTURE REVASCULARIZATION EVALUATION IN PATIENTS WITH DIABETES MELLITUS: OPTIMAL MANAGEMENT OF MULTIVESSEL DISEASE (FREEDOM TRIAL) (Invited Lecture) 128
M. Farkouh, University of Toronto, ON, Canada

17:45 OFF-PUMP CORONARY ARTERY BYPASS GRAFTING: THE MYTH, THE REALITY (Invited Lecture) 129
S.G. Raja, Harefield Hospital, London, UK

18:00 DESTINATION THERAPY: BARRIERS TO IMPLEMENTATION AND ACCEPTANCE (Invited Lecture) 130
M.E. Bowdish, Keck School of Medicine of USC,
University of Southern California, Los Angeles, CA, USA

18:15 SURGICAL VENTRICULAR RESTORATION FOR DILATED ISCHEMIC CARDIOMYOPATHY IN THE ELDERLY 131
C.L. Athanasuleas, G.D. Buckberg, The RESTORE Group
University of Alabama at Birmingham, AL, USA

18:30 OUTCOMES FOLLOWING PCI IN PATIENTS WITH PREVIOUS CABG: A MULTI CENTRE EXPERIENCE 132
S.S. Bundhoo, M. Kalla, R. Anantharaman, K. Morris, A. Chase, D. Smith, R.A. Anderson, T.D. Kinnaird

18:45 4-YEAR OUTCOME ANALYSIS OF ENDOSCOPIC VEIN HARVESTING FOR CORONARY ARTERY BYPASS GRAFTING 133
S.G. Raja, M. Navaratnarajah, M. Rochon, C.D. Ilsley, J.A. Gaer, M. Amrani, T.T. Bahrami
Harefield Hospital, London, UK

16:45 – 19:30 **Hall C**

S25 **Session**
ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT

Chairs: **A.L. Klatsky,** Oakland, CA, USA
R. Manfredini, Ferrara, Italy

Abstract No.

16:45 HOW DO ANTHROPOMETRIC MEASUREMENTS AND GENDER RELATE TO RACIAL DIFFERENCES IN EPICARDIAL FAT THICKNESS? 134
S. Salami, M. Tucciarone, R. Bess, A. Kolluru, S. Szpunar, H. Rosman, G. Cohen
St. John Hospital and Medical Center, Detroit, MI, USA

17:00 DEVELOPMENTAL COORDINATION DISORDER, LEG LENGTH TO HEIGHT RATIO, AND CHILDHOOD OBESITY 135
K.A. Quattrini, J. Liu, B. Faught, J. Hay, J. Cairney
University of Saskatchewan College of Dentistry, Saskatoon, Saskatchewan, Canada

17:15 LIPID PROFILE IN A STUDENT POPULATION OF THE CITY OF CAMPINAS, BRAZIL 136
A. Avezum, A. Timerman, **J.F.K. Saraiva**, D.J.B. Saraiva, J.R.Z. Mendes
Sao Paulo State Cardiology Society, Brazil

17:30 PREVALENCE AND PREDICTORS OF CONCOMITANT CAROTID AND CORONARY ARTERY ATHEROSCLEROTIC DISEASE 137
A. Steinvil, **B. Sadeh**, A. Arbel, D. Justo, A. Belei, N. Borenstein, S. Bana, A. Halkin, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

17:45 HIGHLY SENSITIVE C-REACTIVE PROTEIN AND VITAMIN D3 AS CARDIOVASCULAR RISK FACTORS IN CHILDREN 138
S.R. Bovet, P.M. Bovet, S.J. Hetzel, K. Olson, K.J. O'Connell, D.K. Murdock
Aspirus Wausau Hospital, Wausau, WI, USA

18:00 CORRELATION BETWEEN HDL CHOLESTEROL LEVEL AND SEVERITY OF CORONARY ARTERY DISEASE IN ASIAN PEOPLE 139
S-H. Kim, Y-J. Sung, H-L. Lee, G-J. Ahn, I-H. Chae, G-R. Han, M-S Hyon
Boramae Medical Center, Seoul National University College of Medicine, Korea

18:15 IMPACT OF HS-CRP & DYSLIPIDEMIA IN CHRONIC PERIDONTITIS AMONG CAD PATIENTS IN SOUTH INDIA 140
V. Kumar, **S. Banu**, C.N. Manjunath, V. Ranganath, R. Naik
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore, India

18:30 PREVALENCE OF EXCESS BODY WEIGHT IN A STUDENT POPULATION OF THE CITY OF CAMPINAS, BRAZIL 141
J.F.K Saraiva, A. Timerman, D.J.B. Saraiva, A. Avezum, J.R.Z. Mendes
Sao Paulo State Cardiology Society, Brazil

18:45 HYPERLIPIDEMIA DOUBLES THE RISK OF MULTIVESSEL INVOLVEMENT IN PERIPHERAL ARTERIAL DISEASE DESPITE BEING ON STATINS 142
A. Alani, M. Hettiarachch, T. Mohamad, S.K. Zalawadiya, M. Shamiya, M.F. Alnahhas, E. Salem, M. Elder
Wayne State University, Detroit, MI, USA

S25 ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT (cont)

Abstract No.

19:00 PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN 1000 URBAN EGYPTIANS — 143

B.S. Ibrahim, H.S. Boulos
National Heart Institute, Cairo, Cairo Kidney Center, Cairo, Egypt

19:15 SERUM CARDIOVASCULAR RISK FACTORS IN OBSTRUCTIVE SLEEP APNEA: A META-ANALYSIS — 144

R. Nadeem, R. Loomba, E.M. Madbouly, S. Aggarwal, M. Nida, M. Kumar, A. Fatima
James A Lovell Federal Health Care Center, North Chicago, IL, and Rosalind Franklin University of Medicine and Science, Chicago Medical School, North Chicago, IL, USA

13:30 – 18:30 **Poster Hall**

P201 **Poster Session**
PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE / ISCHEMIC STROKE

Board No		Abstract No.
1	COMPARISON OF ANGIOGRAPHIC FEATURES OF SUPERFICIAL FEMORAL ARTERY DISEASE IN DIABETICS AND NON-DIABETICS PRESENTING WITH LIFE-STYLE LIMITING CLAUDICATION **A. Mohammad**, G. Pershwitz, D. Tran, W. Warshauer, E. Brilakis, S. Banerjee Veterans Affairs North Texas Medical Center, Dallas, TX, USA	145
2	PREVALENCE OF CORONARY ARTERY DISEASE WITH BOTH CEREBRAL VASCULAR ACCIDENT & PERIPHERAL ARTERIAL DISEASE **R. Alvi**, N.C. Bhalodkar, J.N. Bella, C. McCaleb, M. Afshar Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA	146
3	THE OUTCOME OF DIFFERENT ENDOVASCULAR REVASCULARIZATION METHODS USED TO TREAT CRITICAL PERIPHERAL ARTERIAL DISEASE M.S. Hettiarachchi, **A. Alani**, T. Mohamad, C. Arsene, D.H. Rustom, H. Aurakzai, A. Kassier, M. Elder Wayne State University, Detroit, MI, USA	147
4	ANATOMIC ORIENTATION OF THE BRACHIOCEPHALIC VESSELS: ARCH **R. Tayal**, B. LeSar, V. Spektor, A. Garg, M. Cohen, N. Wasty Newark Beth Israel Medical Center, Newark, NJ, USA	148
5	MANAGEMENT OF COMBINED SEVERE CAROTID STENOSIS AND CORONARY ARTERY DISEASE IN THE SOUTHERN REGION POPULATION OF SAUDI ARABIA **R.B. Birudugadda**, H. Aliter, E. Hassan, R.E. Gallo, M. Al-Murayeh Armed Forces Hospital Southern Region, Khamis Mushayt, Saudi Arabia	149

13:30 – 18:30 **Poster Hall**

P202 **Poster Session**
MEDICAL AND INTERVENTIONAL THERAPY FOR ATRIAL FIBRILLATION

Board No		Abstract No.
6	CIRCULATING HEAT SHOCK PROTEIN 70 AND ANTI-HEAT SHOCK PROTEIN 70 ANTIBODIES IN ATRIAL FIBRILLATION J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, H. Hindricks, V. Adams, D. Husser, **A. Bollmann,** Heart Center Leipzig, Germany	150
7	OUTCOMES OF DIRECT CURRENT CARDIOVERSION OF ATRIAL FIBRILLATION IN A MULTI-ETHNIC ASIAN POPULATION **J.B. Ng**, V.H. Tan Changi General Hospital, Singapore	151
8	RESPONSE OF HIGH-SENSITIVE C-REACTIVE PROTEIN TO CATHETER ABLATION OF ATRIAL FIBRILLATION AND ITS RELATION WITH RHYTHM OUTCOME J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, G. Hindricks, V. Adams, **D. Husser**, A. Bollmann Heart Center Leipzig, Germany	152
9	LEFT ATRIAL MIXOMA FOLLOWING TRANSCATHETER RADIOFREQUENCY ABLATION **J. Rubio-Alvarez**, B. Adrio, J. Sierra, L. Reija, J. Garcia-Carro University Hospital, Santiago de Compostela, Spain	153
10	IS QRS DURATION ASSOCIATED WITH ATRIAL FIBRILLATION IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION? **M.S. Sidhu**, A.M. Robert, J. Zipursky, J. Gigliotti, J.R. Brown, D.J. Malenka, M.L. Greenberg, A.T. Kono Dartmouth Hitchcock Medical Center, Lebanon, NH, USA	154
11	DIGOXIN IN A-FIB RVR: SLOW AND STEADY MAY WIN THE RACE IN SOME **T. Mirza**, D.S. Dabiesingh, E.F. Aziz St. Luke's-Roosevelt Hospital Center and Columbia University College of Physicians and Surgeons, New York, NY, USA	155
12	ATRIAL FIBRILLATION IS A CHRONIC INFLAMMATORY STATE: A SUPPORT TO THE THEORY **U.N. Srivatsa**, J. Rogers, UC Davis Medical Center, Sacramento, CA, USA	156
13	STROKE PREVENTION IN ATRIAL FIBRILLATION IN SAUDI (SPAF-SAUDI): A PHASE IV TRIAL **N.A Alanazi**, A.S. Hersi, KKUH, Riyadh, KSA	157
14	INCIDENCE AND PREDICTIVE FACTORS OF POSTOPERATIVE ATRIAL FIBRILLATION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING **A. Gonzalez**, J. Castellano, C. Esis, E. Silva, M. Bracho, J.J. Villasmil, G. Calmon, S. Briceno Instituto de Investigaciones en Enfermedades Cardiovasculares de La Universidad del Zulia, Maracaibo, Venezuela	158

P203 **Poster Session**
CARDIAC PACING, DEFIBRILLATION AND RESYNCHRONIZATION THERAPY

Board No		Abstract No.
15	SUPERIOR VENA CAVA (SVC) ECHOCARDIOGRAPHY AS A SCREENING TOOL TO PREDICT CARDIOVASCULAR IMPLANTABLE DEVICE (CIED) LEAD FIBROSIS **S.J. Yakish**, A. Narula, A. Kohut, R. Foley, S. Kutalek Drexel University College of Medicine, Philadelphia, PA, USA	159
16	ROLE OF GLOBAL 2D STRAIN IN PREDICTION OF VENTRICULAR ARRYTHMIA IN PATIENTS WITH INTRACARDIAC DEFIBRILATOR A. Sadeghpour, A. Shirafkan, M. Haghjoo, A. Azhari, **B. Elahi** Tehran University of Medical Science, Iran	160
17	FLUOROSCOPY GUIDED AXILLARY VEIN PUNCTURE AS A RELIABLE METHOD FOR PACEMAKER, DEFIBRILLATOR AND CRTD INSERTION **M.S. Hettiarachchi**, A. Faraj, S. Fares, A. Saulitis, M. Siddiqui Detroit Medical Center, Sinai-Grace Hospital, Wayne State University, Detroit, MI, USA	161
18	RATES OF INSIDE-OUT ABRASION LEADING TO LEAD EXTERNALIZATION AS DIAGNOSED BY STANDARD CHEST X-RAYS J. Raber, L. Wolf, J.S. Snow, J.J. Germano, **S.P. Parekh** Winthrop University Hospital, Garden City, NY, USA	162
19	CARDIAC RESYNCHRONIZATION THERAPY REDUCES VENTRICULAR HIGH RATE EPISODES BUT NOT ATRIAL ARRHYTHMIAS **R. Somani**, K.A. Michael, K. Stuart, K. Aldworth-Gaumond, H. Abdollah, C. Simpson, A. Baranchuk, D. Redfearn Queen's University, Kingston General Hospital, Kingston, ON, Canada	163
20	WILL ALTERNATE VECTORS YIELD ADDITIONAL INFORMATION WHEN MEASURING INTRATHORACIC IMPEDANCE **R. Small**, V. Sharma, Z. Song, D. Hettrick, L. Rathman, P. VanBuren The Heart Group of LGHealth, Lancaster, PA, USA	164
21	A NOVEL APPROACH TO LEFT VENTRICULAR LEAD PLACEMENT IN CRT-D C. Macias, **M.B. West** University of New Mexico, HSC, Albuquerque, NM, USA	165
22	GEOGRAPHIC VARIATIONS IN PATIENTS RECEIVING PERMANENT PACEMAKERS- DO INDIANS AGE EARLIER? **U.N. Srivatsa**, S. Sola, B. Barooah, B. Hoppe, UC Davis, CA, USA	166
23	SINGLE SITE PERFORMANCE OF THE ST. JUDE RIATA 1581 LEAD: AN INCREASED FAILURE RATE S.S. McCearley, K.A. Ellenbogen, F.E. Fyke, D.B. Trussell, D.A. Wolfe, E.M. Quin, M.H. Roach, L.L. McNeil, **S.M. Borganelli** University of Mississippi, Jackson, MS, USA	167

SATURDAY, JULY 28, 2012

P204 **Poster Session**
ACUTE MYOCARDIAC INFARCTION: MEDICAL AND INTERVENTIONAL THERAPY

Board No		Abstract No.
24	RADIAL VERSUS FEMORAL ARTERY ACCESS FOR PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS WITH ST SEGMENT ELEVATION MYOCARDIAL INFARCTION – A SINGLE CENTER EXPERIENCE A. Deshmukh, P. Turner, S. Kanuri, R. Gangi, **O. Bansal**, A. Smer, M. DelCore, C. Hunter, A. Mooss, D. Esterbrooks The Cardiac Center of Creighton University, Omaha, NE, USA	168
25	CORONARY STENT DIAMETER VARIABILITY AMONG ETHNIC GROUPS UNDERGOING REVASCULARIZATION FOR STEMI H. Heretis, **E. Shlofmitz**, M. Balek, C. Park, A.J. Buda New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA	169
26	ELEVATED LEFT VENTRICULAR END-DIASTOLIC PRESSURE DOES NOT PREDICT MORTALITY IN ACUTE MYOCARDIAL INFARCTION TREATED WITH PRIMARY ANGIOPLASTY AND OPTIMAL MEDICAL THERAPY **J.D. Ascenzo**, M. El-Hajjar, M. Torosoff Albany Medical College, Albany, NY, USA	170
27	FRAGMENTED QRS COMPLEX IN ACUTE ANTERIOR MYOCARDIAL INFARCTION AND CORONARY SINUS BLOOD FLOW: IS THERE ANY RELEVANCE? A. Alizadehasl, **B. Mohebbi**, M. Toufan, M. Esmaeilzadeh, A. Hosseinsabet, R. Azarfarin, Tehran University of Medical Sciences, Tehran, Iran	171
28	THE SAFETY AND EFFECTIVENES OF DOUBLE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM BLICKADE IN ACUTE MYOCARDIAL INFARCTION H.G. Hayrapetyan, **F.H. Muradyan**, Erebouni MC, Yerevan, Armenia	172
29	DECLINE IN THE IN-HOSPITAL MORTALITY OF TYPE 2 DIABETES PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION **M-R. Movahed**, M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, Tucson, AZ, USA	173
30	HOW IS RIGHT VENTRICULAR INVOLVEMENT RELATED WITH MORTALITY AND REHOSPITALIZATION RATES IN ACUTE INFERIOR MYOCARDIAL INFARCTION WITH ST SEGMENT ELEVATION? H.G. Hayrapetyan, K.G. Adamyan, **F.H. Muradyan** Erebouni MC, Yerevan, Armenia	174
31	EARLY PRESCRIPTION OF TIROFIBAN AND ANGIOGRAPHIC TIMI 3 FLOW OF PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION **M. Mousavi**, M. Salarifar, S.E. Kassaian, E. Nematipour, M. Alidousti, H. Poorhosseini, A. Hajizeinali, N. Yousefpour Sadatmahele, Y. Genab, A. Bozorgi Tehran University of Medical sciences, Tehran Heart Center, Tehran, Iran	175

P205 Poster Session
EXERCISE PHYSIOLOGY

Board No		Abstract No.
32	STUDY THE EFFECT OF EXERCISE ON SYSTOLIC PULMONARY ARTERY PRESSURE IN HEALTHY SUBJECTS F. Ahmadi, M. Seiedian, M. Nourizadeh, A. Lalvand, **M. Hassan Adel** Imam Hospital, Ahvaz, Iran	176
33	CORRELATION BETWEEN BODY MASS INDEX AND FUNCTIONAL CAPACITY IN PATIENTS WITH IMPAIRED RELAXATION W. Khalife, M. Morsy, **P. Nalabothu**, A. Khan, H. Van, S. Onguti, S. Hussein University of Texas Medical Branch (UTMB), Galveston, TX, USA	177
34	ASSESSMENT OF ENERGY EXPENDITURE DURING PILATES EXERCISES L.D.H. Gomes, M.C.C. Tenorio, A.M. Mendonca, **C.K.C. Sa** ActivePilates, EBMSP, Salvador, Bahia 3UEFS, Feira de Santana, Bahia, Brasil	178

P206 Poster Session
CAD: SECONDARY PREVENTION, CARDIAC REHAB

35	THE EFFECT OF SECONDARY PREVENTION IN ACUTE CORONARY SYNDROME: A 3-YEAR FOLLOW-UP RESULT W.Z. Han, **W. Fang**, H. Chen, X.B. Qiu, X.M. Hou, S.F. Guan Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China	179
36	EFFECTS OF CARDIAC REHABILITATION AND EXERCISE TRAINING PROGRAMS ON BODY COMPOSITION IN CORONARY PATIENTS B. Moradi, **M. Esmaeilzadeh**, M. Maleki, M. Nalini, S.H. Jafari Tehran University of Medical Sciences, Tehran, Iran	180

INTERNATIONAL ACADEMY OF CARDIOLOGY

17th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, , JULY 27 – 30, 2012

SCIENTIFIC PROGRAM

Sunday, July 29, 2012

SCIENTIFIC PROGRAM

08:30 – 10:45 **Hall A**

PL07 **Plenary Session**
CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROME

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

Abstract No.

08:30 CAN VULNERABLE PLAQUE BE IDENTIFIED AND TREATED TO PREVENT FUTURE ADVERSE CV EVENTS? (Invited Lecture) 181
J. Ambrose, UCSF, Fresno, CA, USA

08:45 WHAT IS CONSIDERED TO BE THE OPTIMAL TREATMENT FOR STABLE ANGINA IN THE YEAR 2012? (Invited Lecture) 182
U. Thadani, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA

09:00 EFFICIENT CHEST PAIN EVALUATION IN THE ED: ADDITIONAL VALUE OF HIGH SENSITIVITY TROPONIN (Invited Lecture) 183
J.H. Chesebro, UMASS Memorial Medical School and Medical Center, Worcester, MA, USA

09:15 ROBOTIC ASSISTED PCI: RESULTS OF THE PRECISE TRIAL USING THE CORPATH, REMOTE DELIVERY SYSTEM (Invited Lecture) 184
G.W. Vetrovec, VCU Pauley Heart Center, Richmond, VA, USA

09:30 FILLING IN THE GAPS IN THE TREATMENT OF LEFT MAIN DISEASE (Invited Lecture) 185
B. Uretsky, University of Arkansas, Little Rock, AR, USA

09:45 ATHEROSCLEROSIS AS A CAUSE OF VERY LATE STENT THROMBOSIS (Invited Lecture) 186
Y. Ueda, Osaka Police Hospital, Tennoj-ku, Osaka, Japan

10:00 EMBOLIC PROTECTION IN STEMI: WHEN AND HOW? (Invited Lecture) 188
E. Kaluski, NJ Medical School & University Hospital, Newark, NJ, USA

10:15 A NOVEL APPLICATION OF EXERCISE TREADMILL TESTING IN A CARDIOLOGY PRACTICE (Invited Lecture) 189
Y. Charuzi, UCLA School of Medicine, Los Angeles, CA, USA

10:30 OUTCOMES OF ANTI-PLATELET THERAPY DIRECTED BY POST PCI PLATELET FUNCTION TESTING IN A REAL WORLD SETTING 190
E. Asher, M. Mayuga, M. Bradley, P. Anarado, G. Stefano, D.I. Simon, T. Lassar
Harrington Heart & Vascular Institute, Case Medical Center, University Hospitals, Cleveland, OH, USA

10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

08:30 – 11:00 **Hall B**

PL08 **Plenary Session**
PLATELETS AND INFLAMMATION IN ISCHEMIC HEART DISEASE

Chairs: **L.C. Becker**, Baltimore, MD, USA
J.G. Filep, Montreal, QC, Canada

Abstract No.

08:30 C-REACTIVE PROTEIN AND CORONARY VASOMOTOR REGULATION (Invited Lecture) 191
L. Kuo, Texas A&M Health Science Center, Temple, TX, USA

08:45 CIGARETTE SMOKE INDUCES FRACTALKINE-DEPENDENT MONONUCLEAR CELL ARREST TO THE ARTERIAL ENDOTHELIUM: POTENTIAL CONSEQUENCES IN COPD (Invited Lecture) 192
M.J. Sanz, Universidad de Valencia, Spain

09:00 PLATELET FUNCTION AND CLINICAL ISCHEMIC OUTCOMES (Invited Lecture) 193
L.C. Becker, Johns Hopkins University School of Medicine, Baltimore, MD, USA

09:15 C-REACTIVE PROTEIN-MEDIATED ENDOTHELIAL DYSFUNCTION AND ACUTE CORONARY ARTERY DISEASE (Invited Lecture) 194
J.G. Filep, University of Montreal, QC, Canada

09:30 MEASUREMENT AND MANIPULATION OF LOX-1 LIGAND LEVEL TO PREDICT AND TO PREVENT CVD (Invited Lecture) 195
T. Sawamura, National Cerebral and Cardiovascular Center, Osaka, Japan

09:45 CARBAMYLATION VERSUS OXIDATION OF LDL: COMPETITION, MECHANISMS AND ROLE IN CARDIOVASCULAR DISEASE (Invited Lecture) 196
A.G. Basnakian, University of Arkansas for Medical Sciences, Little Rock, AR, USA

10:00 SMALL INTESTINE APPEARS TO PLAY A MAJOR ROLE IN SYSTEMIC INFLAMMATION AND CARDIOVASCULAR COMPLICATIONS (Invited Lecture) 197
M. Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

10:15 IMMUNIZATIONS AND ACUTE CORONARY SYNDROMES: IS THERE A ROLE? (Invited Lecture) 198
M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA

10:30 CORONARY PLAQUE EROSION AND MYELOPEROXIDASE: INSIGHT FROM A CLINICOPATHOLOGICAL STUDY (Invited Lecture) 199
G. Niccoli, Catholic University of the Sacred Heart, Rome, Italy

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Chairs: **T. Akasaka**, Wakayama, Japan
N.J. Angomachalelis, Thessaloniki, Greece

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Umea University, Umea, Sweden

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S26 **Session**
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY (cont.)

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Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

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HYPERTENSION, BASIC AND CLINICAL

Chairs: **J.N. Bella,** Bronx, NY, USA
C. Desouza, Boulder, CO, USA

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VALVULAR AND CONGENITAL HEART DISEASE
Joint Session with the Heart Valve Society of America

Chairs: **W.J. Bommer,** California, CA, USA
J.S. Borer, New York, NY, USA

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N. Rajamannan, Mayo Clinic, Rochester, MN, USA

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Chairs: **A. Bollmann**, Leipzig, Germany
A. Martinez-Rubio, Barcelona, Spain

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St. Luke's-Roosevelt Hospital Center, University Hospital Columbia University, College of Physicians and Surgeons, New York, NY, USA

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T. Tomaru, Chiba, Japan

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11:15 – 13:15 **Hall D**

S29 **Session**
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Chairs: **N.G. Frangogiannis**, Bronx, NY, USA
S-J. Lin, Taipei, Taiwan

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27	CARDIOPROTECTIVE EFFECT OF ETHANOLIC EXTRACT OF TERMINALIA ARJUNA BARK IN ADRENALINE INDUCED MYOCARDIAL DAMAGE IN RATS M. Rahaman, **Z. Begum** Dhaka Medical College, Dhaka, Bangladesh	280
28	EFFECT OF MELATONIN ON THE HEART OF MICE TREATED WITH ISOPROTERENOL **B. Nieto-Lima**, R. Bautista-Pérez, A. Cano-Martínez Instituto Nacional de Cardiología "Ignacio Chávez", Mexico City, Mexico	281
29	PROAPOPTOTIC PROTEINS BAX AND BAK IN A MYOCARDIUM DAMAGE MODEL MEDIATED THROUGH DIGITALIS INTOXICATION **M.C. Ramirez-Ortega**, I. Cuevas-Escobar, J.F. Carrillo-Hernandez, M.L. Ibarra-Lara, G. Pastelin-Hernandez Instituto Nacional de Cardiologia "Ignacio Chavez", Mexico D. F., Mexico	282

P308 Poster Session
LEFT VENTRICULAR REMODELING AFTER MI

30	PREDICTIVE FACTOR FOR CENTRAL SLEEP APNEA AND EFFECTS OF CSA ON LEFT VENTRICULAR FUNCTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION H. Nakashima, T. Henmi, **Y. Uchida**, Y. Shiraishi, S. Suzuki, K. Maemura Nagasaki Citizens Hospital, Nagasaki, Japan	283
31	LEFT ATRIAL VOLUME IS A PREDICTOR OF LEFT VENTRICULAR REMODELING IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION S. Fukuzawa, M. Inagaki, J. Sugioka, A. Ikeda, **S. Okino** Funabashi Municipal Medical Center, Funabashi, Japan	284

P309 Poster Session
LIPIDS, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA

32	COMPARISON OF POSTPRANDIAL LIPEMIA IN SEDENTARY AND ACTIVE WOMEN USING ORAL CONTRACEPTIVE **A.D. Borges**, D.M.L. Vieira, C.K.C. Sa, J. Petto, L.M.R. Vasques, R.L.S. Pinheiro, B.A. Giesta, A.M.T. Ladeia FTC, Brazil	285
33	PREVENTIVE EFFECT OF EZETIMIBE FOR PROGRESSION OF ARTERIOSCLEROSIS **E. Matsubara**, T. Matsubara, T. Tomaru Japanese Red Cross Medical Center, Japan	286
34	LEFT VENTRICULAR FUNCTIONS & LIPID PEROXIDATION IN CHRONIC KIDNEY DISEASE **N. Nand,** PGIMS, Rohtak, India	287

14:00 – 16:45 **Hall A**

PL11 **Plenary Session**
PATHOPHYSIOLOGY OF CARDIOVASCULAR DISEASE – RISK FACTORS AND PREVENTION

Chairs: **U. Keil,** Muenster, Germany
J.L. Mehta, Little Rock, AR, USA

		Abstract No.
14:00	CARDIOVASCULAR PREVENTION - A GLOBAL PROBLEM (Invited Lecture) **U. Keil**, University of Muenster, Germany	288
14:15	DIURNAL RHYTHMS AND THE PATHOGENESIS OF CARDIOVASCULAR DISEASE (Invited Lecture) **M.J. Sole**, University of Toronto, Toronto, ON, USA	289
14:30	RECONSIDERATION OF THE ROLE OF STATINS IN PRIMARY PREVENTION; POTENTIAL OF ADVERSE EFFECT RELATED TO GENETIC VARIABILITY (Invited Lecture) **J.L. Mehta**, UAMS, Little Rock, AR, USA	290
14:45	COFFEE DRINKING AND RISK OF STROKE (Invited Lecture) **A.L. Klatsky,** Kaiser Permanente Medical Center, Oakland, CA, USA	291
15:00	ACUTE RESPIRATORY INFECTIONS AS TRIGGERS FOR CARDIOVASCULAR EVENTS (Invited Lecture) **M. Madjid**, Texas Heart Institute, Houston, TX, USA	292
15:15	STATINS FOR THE PRIMARY PREVENTION OF CVD IN WOMEN (Invited Lecture) **S. Mora,** Brigham and Women's Hospital, Boston, MA, USA	293
15:30	LIFESTYLE FACTORS AND THE RISK OF STROKE (Invited Lecture) **G. Hu**, Pennington Biomedical Research Center, Baton Rouge, LA, USA	294
15:45	DIET AND SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE: THE CURRENT LEVEL OF EVIDENCE (Invited Lecture) **D.B. Panagiotakos**, Harokopio University of Athens, Greece	295
16:00	FROM SURROGATE BIOMARKERS TO DETECTION OF ATHEROSCLEROSIS: ARE WE READY FOR A PARADIGM SHIFT IN PRIMARY CVD PREVENTION STRATEGIES? (Invited Lecture) **K. Nasir**, Yale University, New Haven, CT, USA	296
16:15	EARLY IDENTIFICATION OF SUBCLINICAL ATHEROSCLEROSIS: THE MOST EFFECTIVE WAY TO REDUCE SIGNIFICANTLY THE INCIDENCE OF CORONARY ARTERY DISEASE (Invited Lecture) **S. Chumburidze**, Scientific Research Clinic of Therapy, Tbilisi, Georgia	297
16:30	NOVEL PROBIOTIC FORMULATION FOR MANAGING CHOLESTEROL: CLINICAL INVESTIGATION OF BSH-ACTIVE LACTOBACILLUS REUTERI NCIMB 30242 YOGURT AND CAPSULE FORMULATIONS IN HYPERCHOLESTEROLEMIC ADULTS **M.L. Jones**, C.J. Martoni, S. Prakash McGill University, and Micropharma, Montreal, Quebec, Canada	298
16:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

14:00 – 16:30 **Hall B**

PL12 **Plenary Session**
PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE

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

Abstract No.

14:00 ACUTE AORTIC DISEASES: TEMPORAL PATTERNS OF ONSET AND CLINICAL OUTCOME (Invited Lecture) 300
R. Manfredini, University of Ferrara, Italy

14:15 THERE IS AN EFFECTIVE MEDICAL TREATMENT FOR THORACIC AORTIC ANEURYSM (Invited Lecture) 299
J.A. Elefteriades, Yale University School of Medicine, New Haven, CT, USA

14:30 CORONARY, CEREBRAL, AND ABDOMINAL AORTIC ANEURYSMS: SIMILARITIES IN PATHOGENESIS AND IMPLICATIONS FOR TREATMENT (Invited Lecture) 301
S.D. Gertz, L.Y. Gavish, R. Beeri, D. Gilon, C. Rubinstein, Y. Berlatzky, A. Bulut, M. Harlev, P. Reissman, L. Gavish
The Hebrew University, Hadassah Faculty of Medicine, Jerusalem, Israel

14:45 PREDICTION OF PROGNOSIS BY VACULAR IMAGINGS IN PERIPHERAL ARTERY DISEASE AFTER ENDOVASCULAR TREATMENT (Invited Lecture) 302
T. Tomaru, Toho University Sakura Hospital, Japan

15:00 ROLE OF IgE IN ANGIOTENSIN II-INDUCED ABDOMINAL AORTIC ANEURYSMS IN APOLIPOPROTEIN E-DEFICIENT MICE (Invited Lecture) 303
G-P. Shi, Brigham and Women's Hospital, Boston, MA, USA

15:15 CRYOPLASTY OR CONVENTIONAL BALLOON POST-DILATION OF NITINOL STENTS FOR REVASCULARIZATION OF PERIPHERAL ARTERIAL SEGMENTS (COBRA TRIAL) (Invited Lecture) 304
S. Banerjee, D. Tran, E.S. Brilakis,
VA North Texas Healthcare System, Dallas, TX, USA

15:30 DA VINCI ROBOT AND VASCULAR SURGERY 305
P. Stadler, L. Dvoracek, P. Vitasek, P. Matous,
Na Homolce Hospital, Prague, Czech Republic

15:45 INTRALUMINAL VERSUS SUBINTIMAL APPROACH TO CHRONIC TOTAL OCCLUSIONS IN PERIPHERAL ARTERIAL DISEASE 306
S. Amruthlal Jain, T. Larsen, F. Alcocer, M. Zughaib, P. Alexander
Providence Hospital and Medical Center, Southfield, MI, USA

16:00 A SIMPLE, FAST AND ACCURATE METHOD TO DETECT PERIPHERAL ARTERIAL DISEASE IN AN OFFICE SETTING 307
H.J. Semler, G.L. Geary, R. McRae, N. Santos
Oregon Health Science University, Portland, OR, USA

PL12 **Plenary Session**
PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE (cont)

Abstract No.

16:15 CAROTID INTIMA MEDIA THICKNESS PROVIDES EVIDENCE THAT ASCENDING AORTIC ANEURYSM PROTECTS AGAINST SYSTEMIC ATHEROSCLEROSIS 308
A. Hung, M. Zafar, S. Mukherjee, M. Tranquilli, L. Scoutt, J.A. Elefteriades
Yale University School of Medicine, New Haven, CT, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:30 **Hall C**

S30 **Session**
ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY

Chairs: **K. Seidl,** Ingolstadt, Germany
M. Takagi, Osaka, Japan

14:00 DOES PHYSICIAN REVIEW IMPROVE THE ACCURACY OF NATIONAL CARDIOVASCULAR DATA REGISTRY (NCDR) ICD REGISTRY DATA SUBMISSION? THE WAKE FOREST BAPTIST MEDICAL CENTER (WFBMC) EXPERIENCE 309
M. Jain, N. Shah, R. Henderson, B. Rubery, G. Brammer, T. Simmons
Wake Forest Baptist Medical Center, Winston Salem, NC, USA

14:15 RESULTS OF THE LEAD EXTRACTION DEVICE EVALUATION AND RESULTS (LEADER) DATABASE 310
C.J. Love, S.P. Kutalek, C. Starck, E.K. Bowser, B.E. Norlander
The Ohio State University, Columbus, OH, USA

14:30 PACEMAKERS IN PATIENTS WITH HIGH SPINAL INJURY 311
B.R. Porter, H. Jayanthi, A. Money-Kyrle
Buckinghamshire Healthcare Trust, Stoke Mandeville Hospital, Bucks, UK

14:45 USE AND LONG-TERM OUTCOMES OF IMPLANTABLE CARDIOVERTER DEFIBRILLATOR DEVICES IN A POPULATION STUDY 312
P.J. Bradshaw, M.S.T. Hobbs, T.G. Briffa,
University of Western Australia, Perth, WA, Australia

15:00 USING PACEMAKER/IMPLANTABLE CARDIOVERTER DEFIBRILLATOR MODE SWITCH QUANTIFICATION TO ASSESS CLINICAL PREDICTORS OF ATRIAL FIBRILLATION RECURRENCE 313
P. Ruisi, J.N. Makaryus, J.N. Catanzaro, A. Cedrone, A.N. Makaryus, R. Jadonath, S.J. Belner, **S. Desai**, North Shore University Hospital, Manhasset, NY, USA

15:15 COMMUNITY CARDIOVASCULAR SCREENING TO IDENTIFY MIDDLE SCHOOL CHILDREN AT RISK OF SUDDEN CARDIAC DEATH: THE HOUSTON EARLY AGE RISK TESTING AND SCREENING (HEARTS) STUDY 314
J.P. Higgins, S.T. Laing, J.A. Samuels, A. Rajmane, G. Biliciler-Denktas, D.D. Mcpherson, A. Ali
The University of Texas Medical School at Houston, Houston, TX, USA

S30 **Session**
ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY (cont)

Abstract No.

15:30 LONG-TERM SURVIVAL AND AICD THERAPY IN SURVIVORS OF CARDIAC ARREST TREATED WITH THERAPEUTIC HYPOTHERMIA 315
B. Saour, V. Khurana, J. Yong, T. Waters, M. Liakos, M. Torosoff
Albany Medical Center, Albany, NY, USA

15:45 CONTRACTILITY-GUIDED VENTRICULAR LEAD IMPLANT OPTIMIZES PACING AMONG PATIENTS WITH STRUCTURAL HEART DISEASE 316
P.P. Karpawich, K. Zelin, H. Singh
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

16:00 SYSTEMATIC ANALYSIS OF FAILED ATP IN AICD TO ACHIEVE RHYTHM IDENTIFICATION 317
J.C. Caldwell, D.P. Redfearn, A.M. Baranchuk, K.A. Michael, C. Simpson, H. Abdollah, Arrhythmia Service, Kingston General Hospital, Kingston, ON, Canada

16:15 MYOTONIC DYSTROPHY AND CARDIAC CONDUCTION SYSTEM ABNORMALITIES: HOW AWARENESS AFFECTS THE PATIENT OUTCOME? 318
K. Khalighi, S.B. Thapamagar, N. Singh
Easton Hospital, Easton, PA, USA, Drexel University, Philadelphia, PA, USA

16:30 COFFEE, VISIT POSTERS AND EXHIBITION

14:00 – 16:15 **Hall D**

S31 **Session**
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

Chairs: **J.D. Marsh**, Little Rock, AR, USA
T. Toyo-Oka, Tokyo, Japan

14:00 INTERACTION BETWEEN TELOMERASE AND MYOCARDIN A CRITICAL FOR CARDIOMYOGENIC DEVELOPMENT OF MESENCHYMAL STEM CELLS: AN IMPLICATION FOR CARDIOVASCULAR TISSUE REPAIR AND REGENERATION 319
Y-J. Geng, University of Texas Houston Medical School, Houston, TX, USA

14:15 DETRIMENTAL IMPACT OF DIABETES ON EPHA2 KNOCKOUT MICE FOLLOWING MYOCARDIAL INFARCTION 320
M.A. Farooqui, J. Virag, S. Kent, W. O'Neal, F. Faiz, J. Vuncannon, J Hodges, East Carolina University, Greenville, NC, USA

14:30 GENETIC VARIANTS REDUCING MTR GENE EXPRESSION INCREASE RISK OF CONGENITAL HEART DISEASE IN HAN CHINESE POPULATION 321
H.Y. Wang, J.Y. Zhao, X.H. Gong, G.Y. Huang, B. Qiao, W.Y. Duan, H.B. Shen, L Jin, Fudan University, China

S31 **Session**
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES (cont)

Abstract No.

14:45 THE MOLECULAR BASIS OF AUTOSOMAL DOMINANT HYPERCHOLESTEROLEMIA: ASSESSMENT IN A LARGE COHORT OF HYPERCHOLESTEROLEMIC CHILDREN — 322
A. van der Graaf, H.J. Avis, D.M. Kusters, M.N. Vissers, B.A. Hutten, J.C. Defesche, S.W. Fouchier, F.A. Wijburg, J.J.P. Kastelein, **A. Wiegman**
Academic Medical Center, Amsterdam, The Netherlands

15:00 HISTOLOGICAL AND FUNCTIONAL ASSESSMENT OF HUMAN PLACENTAL STEM CELLS IN A MYOCARDIAL RAT INFARCTION — 323
G. Makhoul, Y.T. Ma, M. Duong, R. Chiu, R. Cecere
McGill University, Montreal, QC, Canada

15:15 APICAL HYPERTROPHIC CARDIOMYOPATHY WITH A RARE MYBPC3 GENE MUTATION VARIANT — 324
P.T. Bhattacharya, T.A. Ahmad, M.A. Bataineh
Mercy Catholic Medical Center, Drexel University, Philadelphia, PA, USA

15:30 INFLAMMATION FOLLOWING MYOCARDIAL INFARCTION PLAYS AN IMPORTANT ROLE IN COLLAGEN SYNTHESIS AND CARDIAC REMODELLING — 325
A. Curaj, S Simsekyilmaz, I. Kanzler, A. Schuh, **E. Liehn**
Institute for Molecular Cardiovascular Research (IMCAR), RWTH Aachen University, Aachen, Germany

15:45 A MISSENSE MUTATION IN THE CHRM2 GENE IS ASSOCIATED WITH FAMILIAL DILATED CARDIOMYOPATHY — 326
L. Zhang, A. Hu, H. Yuan, L. Cui, G. Miao, X. Yang, L. Wang, J. Liu, X. Liu, S. Wang
Beijing Chao-Yang Hospital affiliated Capital Medical University, Beijing, China

16:00 GLUCOCORTICOID AMELIORATED EARLY CARDIAC DYSFUNCTION AFTER CORONARY MICROEMBOLIZATION BY SUPPRESSING TGF-BETA1/SMAD3 AND CTGF EXPRESSION — 327
Z.W. Chen, J.Y. Qian, J.Y. Ma, S.F. Chang, Y.Z. Zou, J.B. Ge
Zhongshan Hospital, Fudan University, Shanghai, China

16:15 COFFEE, VISIT POSTERS AND EXHIBITION

16:45 – 19:00 **Hall A**

PL13 **Plenary Session**
EMERGING MOLECULAR PARADIGMS IN MYOCARDIAL ISCHEMIA, INFARCTION AND REMODELING

Chairs: **L.A. Kirshenbaum**, Winnipeg, MB, Canada
C.S. Long, Denver, CO, USA

Abstract No.

16:45 LINEAGE MARKERS IN TRACKING CARDIAC FIBROBLAST FATE IN VIVO AND IN VITRO (Invited Speaker) 328
C.S. Long, University of Colorado Health Sciences Center, Denver, CO, USA

17:00 p90RSK REGULATES CHIP UB LIGASE ACTIVITY VIA ERK5 AND PROMOTES CARDIAC DYSFUNCTION (Invited Speaker) 329
J-I. Abe, University of Rochester School of Medicine and Dentistry, Rochester, NY, USA

17:15 NEGATIVE REGULATION OF TOLL LIKE RECEPTOR (TLR)/INTERLEUKIN-1 (IL-1) SIGNALING IN CARDIAC REPAIR (Invited Speaker) 330
N.G. Frangogiannis, Albert Einstein College of Medicine, Bronx, NY, USA

17:30 CROSS-TALK BETWEEN MITOCHONDRIAL AND ER DEATH PATHWAYS IN THE HEART (Invited Speaker) 331
L.A. Kirshenbaum, University of Manitoba, Winnipeg, MB, Canada

17:45 STEM CELLS FOR CARDIAC REGENERATION IN THE DIABETIC AND NON-DIABETIC HEART (Invited Speaker) 332
D.K. Singla, University of Central Florida, Orlando, FL, USA

18:00 ROLE OF AUTOPHAGY IN THE HUMAN HEART EXPOSED TO IATROGENIC ISCHEMIA/REPERFUSION INJURY (Invited Speaker) 333
T.M. Scarabelli, Wayne State University School of Medicine, Detroit, MI, USA

18:15 HABITUAL SHORT SLEEP DURATION IS ASSOCIATED WITH ENDOTHELIAL FIBRINOLYTIC DYSFUNCTION 334
B.R. Weil, **K.J. Diehl**, J. Greiner, B.L. Stauffer, C.A. DeSouza
University of Colorado, Boulder, CO, USA

18:30 THE MOLECULAR MECHANISM OF GALECTIN-3-STIMULATED CARDIAC FIBROBLAST PROLIFERATION 335
W-R. Hao, J.C. Liu, T.H. Cheng, J-J. Chen
Taipei Medical University, Taipei, Taiwan

18:45 MICRORNA-328 CONTRIBUTES TO ADVERSE REMODELING IN ATRIAL FIBRILLATION 336
Y.J. Lv, H.L. Shan, W.F. Chu, **D-L. Dong**, B.F. Yang
Harbin Medical University, Harbin, China

16:45 – 18:45 **Hall B**

PL14 **Plenary Session**
HYPERTENSION: FROM GENETICS TO RECENT ADVANCES IN THERAPY

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

Abstract No.

16:45 ROLE OF ECHOCARDIOGRAPHY IN PULMONARY ARTERIAL HYPERTENSION: FROM DIAGNOSIS TO PROGNOSIS (Invited Speaker) 337
E. Bossone, Cava de Tirreni & Amalfi Coast Hospital, Italy

17:00 HYPERTENSION IN ELDERLY (Invited Lecture) 338
W.S. Aronow, Cardiology Division, New York Medical College, Valhalla, NY, USA

17:15 BLOOD PRESSURE TARGETS FOR PATIENTS WITH CORONARY ARTERY DISEASE: IS LOWER BETTER? (Invited Lecture) 339
C. Rosendorff, Mount Sinai School of Medicine, New York, NY and James J. Peters VA Medical Center, Bronx, NY, USA

17:30 SLEEP -TIME BLOOD PRESSURE AS A THERAPEUTIC TARGET FOR CARDIOVASCULAR RISK REDUCTION (Invited Lecture) 340
R.C. Hermida, Campus Universitario, Vigo, Spain

17:45 RENAL DENERVATION - STATE OF THE ART (Invited Lecture) 341
S.C. Bertog, Cardiovascular Center Frankfurt, Germany

18:00 PREHYPERTENSION: NOT A BENIGN VASCULAR CONDITION (Invited Lecture) 342
C. DeSouza, University of Colorado, Boulder, CO, USA

18:15 EMERGING MOLECULAR MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION: ARE WE CLOSER TO A CURE? (Invited Lecture) 343
D.J. Stewart, Ottawa Health Research Institute, The Ottawa Hospital, ON, Canada

18:30 HOW IMPORTANT IS WHITE-COAT HYPERTENSION FOR THE APPROPRIATE TREATMENT OF HIGH-RISK PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION? (Invited Lecture) 344
S.S. Franklin, University of California, Irvine, CA, USA

16:45 – 19:15 **Hall C**

S32 **Session**
ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

Chairs: **K.A. Adarsh,** Amritsar, Punjab, India
A. Schade, Bad Neustadt, Germany

Abstract No.

16:45 COMPARATIVE EFFICACY, COST AND RADIATION EXPOSURE DURING TACHYCARDIA ABLATION IN CHILDREN WITH AND WITHOUT FLUOROSCOPIC IMAGING 345
Y. Sanil, H. Singh, P.P. Karpawich
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

17:00 CHROMOSOME 4Q25 VARIANTS AND ATRIAL FIBRILLATION RECURRENCE AFTER CATHETER ABLATION 346
D. Husser, V. Adams, A. Arya, G. Hindricks, A. Bollmann
Heart Center Leipzig, Germany

17:15 NON-INVASIVE ASSESSMENT OF DRONEDARONE EFFECTS ON ATRIAL ELECTROPHYSIOLOGY DURING SINUS RHYTHM AND ATRIAL FIBRILLATION 347
S. John, J. Salmas, S. Lobe, M. Stridh, D. Husser, **A. Bollmann**
Heart Center Leipzig, Germany

17:30 DIMINISHED VALUE OF ADENOSINE REVEALING TRANSIENT PULMONARY VEIN CONDUCTION WHEN PRECEEDED BY RADIOFREQUENCY ABLATION GUIDED BY HIGH OUTPUT PACING INDUCED EXIT CONDUCTION 348
S.J. Pollak, G. Monir
Arrhythmia and Ablation Center, Florida Heart Institute, Orlando, FL, USA

17:45 PROGNOSTIC SIGNIFICANCE OF MINOR TROPONIN ELEVATION IN PATIENTS WITH NEW ONSET ATRIAL FIBRILLATION 349
S.K. Mathias, **A.G. DeNazareth**, J.A. Fernandes, P. Gangi, A. Smer, V.M. Alla, D.J. Esterbrooks
Creighton University, Omaha, NE, USA

18:00 HYBRID APPROACH WITH RADIOFREQUENCY AND CRYOBALLOON ABLATION FOR PAROXYSMAL ATRIAL FIBRILLATION 350
M. Ahmed, J.S. Sussman, T.H. Mahoney, J.H. Curwin, R.F. Coyne, K. Quinlan, S.L. Winters
Gagnon Cardiovascular Institute, Morristown Medical Center, Morristown, NJ, USA

18:15 INTRACARDIAC ECHOCARDIORAPHY DOES NOT INCREASE ABLATION PROCEDURE TIME 351
J.E. Banchs, G.E. Smith, S.M. Samii, E.D. Penny-Peterson, D.L. Wolbrette, G.V. Naccarelli, M.D. Gonzalez
Penn State Hershey Heart & Vascular Institute, Hershey, PA, USA

S32 ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION (cont)

Abstract No.

18:30 EFFECT OF RADIOFREQUENCY CATHETER ABLATION ON ECHOCARDIOGRAPHIC PARAMETERS OF LEFT VENTRICULAR SYNCHRONY IN PATIENTS WITH PRE-EXCITATION DUE TO WOLFF-PARKINSON-WHITE SYNDROME — 352

G.H. Davoodi, H. Ashraf, A, Kazemisaeid, S. Sadeghian, A. Vasheghani-Farahani, M. Sahebjam
Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran

18:45 RELATIONSHIP BETWEEN OBESITY AND COMPLICATIONS IN ATRIAL FIBRILLATION PATIENTS UNDERGOING CATHETER ABLATION — 353

N. Sawaya, N. Abi Hatem, R. Sunna, S.L. Winters, T.H. Mahoney, R.F. Coyne, J.H. Curwin, J.S. Sussman
Morristown Medical Center, Morristown, NJ, USA

19:00 MANAGEMENT OF ATRIAL FIBRILLATION BY CANADIAN ELECTROPHYSIOLOGISTS AFTER DISCONTINUATION OF THE PALLAS STUDY — 354

K. Mohajer, B. Fregeau, V. Garg, A. Skanes, C.S. Simpson, D.P. Redfearn, K.A. Michael, A. Baranchuk
Heart Rhythm Service, Kingston General Hospital, Queen's University Kingston, ON, Canada

13:30 – 18:30 **Poster Hall**

P401 **Poster Session**
DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND ATHEROSCLEROSIS: BASIC AND CLINICAL

Board No		Abstract No.
1	OBESITY, INFLAMMATORY ADIPOKINES AND CARDIOVASCULAR DISEASE **M.J. Hosseinzadeh-Attar**, A. Golpaie, M. Talebpour School of Public Health, Tehran University of Medical Sciences, Tehran, Iran	355
2	ADJACENT QTC DISPERSION IN WELL CONTROLLED TYPE II DIABETES MELLITUS **S. Khosropanah**, M. Bahtoe, Shiraz University of Medical Sciences, Shiraz, Iran	356
3	AGREEMENT BETWEEN DIFFERENT MARKERS FOR THE DIAGNOSIS OF OVERWEIGHT AND OBESITY **D.M.L. Vieira**, A.D. Borges, M.C.C. Tenório, C.K.C. Sá FTC, Salvador - Ba, Brazil	357

P402 **Poster Session**
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

4	ROLE OF BLOOD UREA NITROGEN TO CREATININE RATIO IN THE PREDICTION OF INTRAVASCULAR VOLUME STATUS IN PATIENTS WITH SYSTOLIC HEART FAILURE **M. Aldeiri**, W.I. Khalife, M. Morsy, P. Nalabothu, A. Khanfar University of Texas Medical Branch (UTMB), Galveston, TX, USA	358
5	VALUE OF THE ECG IN THE DIAGNOSIS OF THE DIASTOLIC DYSFUNCTION **M. Morsy**, W.I. Khalife, P. Nalabothu, A. Khan, H. Van, S. Mutnuri, S. Hussein, S. Onguti University of Texas Medical Branch (UTMB), Galveston, TX, USA	359
6	ANEMIA IS A MARKER OF DIASTOLIC DYSFUNCTION IN MEN M. Morsy, W.I. Khalife, **P. Nalabothu**, A. Khan, V. Hoang, S. Onguti University of Texas Medical Branch (UTMB), Galveston, TX, USA	360
7	EFFECTS OF EARLY STAGE DIASTOLIC DYSFUNCTION ON FUNCTIONAL CAPACITY **W.I. Khalife**, M. Morsy, P. Nalabothu, A. Khan, H. Van, S. Mutnuri University of Texas Medical Branch (UTMB), Galveston, TX, USA	361
8	PREDICTORS OF RECOVERY IN PATIENTS WITH SEVERE SYSTOLIC HEART FAILURE **W.I. Khalife**, R. Al-Najjar, A. Al-Emam, A. Khanfar University of Texas Medical Branch (UTMB), Galveston, TX, USA	362
9	THE CARDIOVASCULAR CAPACITY RESERVE CONTROL IS THE NAME OF THE GAME: A NOVEL HYPOTHESIS COMPREHENSIVELY EXPLAINS SHOCK AND HEART FAILURE **U. Gabbay**, B.Z. Bobrovsky, Cardio Scale Ltd., Tel Aviv University, Tel Aviv, Israel	363

P402 **Poster Session**
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

Board No		Abstract No.
10	CORRELATION BETWEEN DIASTOLIC DYSFUNCTION AND BODY MASS INDEX WITH ABNORMAL LIVER FUNCTION TEST (LFT) A.R. Al Emam, **W.I. Khalife**, M. Morsy, P. Nalabothu University of Texas Medical Branch (UTMB), Galveston, TX, USA	364
11	DOES AGE AND SEX PREDICT MORTALITY IN PATIENTS WITH SEVERE SYSTOLIC HEART FAILURE? **W.I. Khalife**, P. Nalabothu, A. Al Emam, M. Morsy University of Texas Medical Branch (UTMB), Galveston, TX, USA	365

P403 **Poster Session**
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

12	T-WAVE REVERSION DURING EXERCISE STRESS TESTING IN PEDIATRIC PATIENTS W. Hoyt, B.C. Cannon, **C.S. Snyder** Rainbow Babies and Children's Hospital, Cleveland, OH, USA	366
13	LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN ASYMPTOMATIC ADOLESCENTS: PREVALENCE AND ASSOCIATED FACTORS **C. Esis**, M. Bracho, A. Gonzalez, E. Silva, G. Bermudez, J. Villasmil, S. Briceno, G. Calmon, E. Clavell Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela	367
14	GERBODE TYPE DEFECT IN ADULTS AFTER REPAIR OF TETRALOGY OF FALLOT **S. Yalonetsky**, A. Lorber, R. Wald, E. Oechslin Rambam Hospital, Haifa, Israel	368
15	TREATMENT AND SEVEN YEAR FOLLOW UP OF A FETUS WITH SUPRAVENTRICULAR TACHYCARDIA AND HYDROPS: A CASE REPORT R.M. Atkins, **S. Baker** University of Oklahoma, Oklahoma City, OK, USA	369
16	CLINICAL PROFILE AND OUTCOMES OF PREGNANT PATIENTS WITH CONGENITAL HEART DISEASE AT THE UNIVERSITY OF THE PHILIPPINES-PHILIPPINE GENERAL HOSPITAL (UP-PGH) **M.J.T. Reyes**, R.B. Capito, F.R. Punzalan, U- Philippine General Hospital, Manila, Philippines	370

SUNDAY, JULY 29, 2012

P404 Poster Session
NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Board No		Abstract No.
17	INCREMENTAL DIAGNOSTIC VALUE OF DYNAMIC CT-BASED MYOCARDIAL PERFUSION IMAGING FOR THE DETECTION OF HEMODYNAMIC RELEVANT CORONARY ARTERY STENOSIS AS DETERMINED BY FRACTIONAL FLOW RESERVE **M. Greif**, F. von Ziegler, J. Tittus, C. Becker, F. Bamberg, A. Becker University of Munich, Department of Cardiology, Munich, Germany	371
18	NON-INVASIVE RESPIRATORY MONITORING IN HEART FAILURE PATIENTS UNDERGOING INTERVENTIONAL PROCEDURES A. Panasyuk, M.J. Lalli, N. Yocum, S. Panasyuk, R. Lew, E.P. Messana **S.C. Morss,** C.J. Voscopoulos, J. E. Freeman Respiratory Motion, Inc., Waltham, MA, USA	372
19	THE ELECTROCARDIOGRAM LACKS SENSITIVITY FOR THE DETECTION OF MYOCARDITIS **S. Jhamnani**, A. Fuisz, J. Lindsay, Washington Hospital Center, Washington DC, USA	373

P405 Poster Session
INTERVENTIONAL CARDIOLOGY II

20	COMPARISON OF INTERVENTION WITH DRUG ELUTING STENT AND MEDICAL TREATMENT IN PATIENT WITH CHRONIC TOTAL OCCLUSION **H. Kim**, E.H. Choo, Y.S. Ko, W.S. Chung, K.B. Seung The Catholic University of Korea, Seoul, Korea	374
21	COMPARISON OF CONTRAST-INDUCED NEPHROTOXICITY OF IODIXANOL AND IOPROMIDE IN PATIENTS WITH RENAL INSUFFICIENCY UNDERGOING CORONARY ANGIOGRAPHY **T. J. Youn**, K.J. Ahn, D.H. Shin, I.H. Chae, D.J. Choi Seoul National University, Seoul, Korea	375
22	NON RANDOMIZED TRIAL COMPARING SAME-DAY DISCHARGE WITH OVERNIGHT HOSPITAL STAY AFTER CORONARY ANGIOPLASTY **J.M. Telayna,** C. Garcia, R.A. Costantini Hospital Universitario Austral, Buenos Aires, Argentina	376
23	CORONARY DISEASE IN PATIENTS WITH BIFURCATION LESIONS **T. Gil-Jimenez,** L.A. Inigo-Garcia, A. Ramirez-Moreno, J.R. Siles-Rubio, C. Medina-Palomo, L. Fernandez-Lopez, O. Sanz-Vazquez, J.F. Munoz-Bellido, M. Pombo-Jimenez, F. Ruiz-Mateas, Hospital Costa del Sol, Marbella, Spain	377
24	EXCELLENT OUTCOMES WITH PERCLOSE IN A LARGE NUMBER OF UNSELECTED PATIENTS UNDERGOING CARDIOVASCULAR PROCEDURES **G.S. Kang,** UPMC Hamot Hospital, Erie, PA, USA	378
25	GRADUAL DECLINE IN IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION IN DIABETES AND NON-DIABETES PATIENTS **M-R. Movahed**, M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, AZ, USA	379

P406 Poster Session
ACUTE CORONARY SYNDROMES: BASIC AND CLINICAL

Board No		Abstract No.
26	ESTABLISHMENT OF CORONARY MICROEMBOLI VOLUME CAUSING VISIBLE MYOCARDIAL MICROINFARCTS ON MDCT AND MRI **M. Saeed**, S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson University of California San Francisco, CA, USA	380
27	A RE-AUDIT ON THE USE AND PRESCRIPTION OF SUPPLEMENTAL OXYGEN IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROME IN THE CORONARY CARE UNIT **K. Ghoorah**, J. Cam, D.P. Ripley, N. Swanson, M.A. de Belder, A. Harper Newcastle University, Newcastle Upon Tyne, UK	381
28	CARDIAC ELECTROPHYSIOLOGY, INJURY BIOMARKERS AND MYOCARDIAL VIABILITY IN VARIOUS TYPES OF ISCHEMIC INSULTS **M. Saeed**, S.W. Hetts, L. Do, M.W. Wilson University of California, San Francisco, CA, USA	382

P407 Poster Session
ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI

29	BLACK RACE A PREDICTOR OF HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY ROOM **R.K. Sharma**, H.K. Reddy, S.W. Erickson, R.K. Sharma, D.J. Voelker, H. Dod, R. Legaspi, V.N. Singh, J.D. Marsh University of Arkansas for Medical Sciences, Little Rock, AR, USA	383
30	A STUDY ON THE EFFICACY AND SAFETY OF A LOW DOSE CLOPIDOGREL USAGE IN CHINESE PEOPLE AFTER DRUG ELUTING STENT IMPLANTATION FOR 3 YEARS **W. Fang**, W.Z. Han, H. Chen, X.B. Qiu, X.M. Hou, Y.J. Xu, S.F. Guan, R.G. Li Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China	384

INTERNATIONAL ACADEMY OF CARDIOLOGY

17th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2012

TORONTO, ON, CANADA, , JULY 27 – 30, 2012

SCIENTIFIC PROGRAM

Monday, July 30, 2012

SCIENTIFIC PROGRAM

08:30 – 11:00 **Hall A**

PL15 **Plenary Session**
HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS

Chairs: **U. Elkayam**, Los Angeles, CA, USA
H.N. Sabbah, Detroit, MI, USA

Abstract No.

08:30 STEPS TO PREVENT HEART FAILURE (Invited Lecture) 385
H.K. Reddy, University of Arkansas for Medical Sciences, Little Rock, AR, USA

08:45 THYROID HORMONE DYSFUNCTION AND HEART FAILURE: FEAR OF OVERTREATMENT MAY BE CAUSING HARM (Invited Lecture) 386
A.M. Gerdes, New York College of Osteopathic Medicine, Old Westbury, NY, USA

09:00 INTERNATIONAL CLINICAL TRIALS: GOOD FOR THE NEW WORLD BAD FOR THE THIRD WORLD (Invited Lecture) 387
S. Goldstein, Henry Ford Hospital, Detroit, MI, USA

09:15 AGING AND HEART FAILURE: ROLE OF HEALING AFTER MYOCARDIAL INFARCTION (Invited Lecture) 388
B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, Alberta, Canada

09:30 BAROREFLEX STIMULATION FOR THE TREATMENT OF HEART FAILURE (Invited Lecture) 389
H.N. Sabbah, Henry Ford Hospital, Detroit, MI, USA

09:45 NOVEL HEMODYNAMIC RISK FACTORS FOR NEW - ONSET HEART FAILURE IN THE GENERAL POPULATION (Invited Lecture) 390
J.A. Chirinos, University of Pennsylvania School of Medicine Philadelphia, PA, USA

10:00 MANAGEMENT OF PATIENT WITH ADVANCED HEART FAILURE (Invited Lecture) 391
M.H. Pitzalis, East Carolina University, The Brody School of Medicine, Greenville, NC, USA

10:15 BLOOD UREA NITROGEN: AN EMERGING BIOMARKER FOR NEUROHORMONAL ACTIVATION IN HEART FAILURE (Invited Lecture) 392
A. Kazory, University of Florida, Gainesville, FL, USA

10:30 DIET IN THE PREVENTION AND MANAGEMENT OF HEART FAILURE (Invited Lecture) 393
C. Chrysohoou, First Cardiology Clinic, University of Athens, Greece

10:45 INCREASED RENAL ENAC SUBUNITS AND SODIUM RETENTION IN RATS WITH CHRONIC HEART FAILURE (Invited Lecture) 394
H. Zheng, University of Nebraska Medical Center, Omaha, NE, USA

11:00 COFFEE, VISIT POSTERS AND EXHIBITION

08:30 – 10:45 **Hall B**

PL16 **Plenary Session**
NOVEL CARDIOPROTECTIVE THERAPIES

Chairs: **Y. Birnbaum**, Houston, TX, USA
P.K. Singal, Winnipeg, MB, Canada

Abstract No.

08:30 EARLY INSULIN TREATMENT AMELIORATES POST-ISCHEMIC HEART FAILURE BY INHIBITION OF MYOCARDIAL CAMKII AND P38 MAPK ACTIVITY (Invited Lecture) 395
F. Gao, The Fourth Military Medical University, Xi'an, China

08:45 THE ROLE OF MYD88 IN THE ANTI-APOPTOTIC EFFECTS OF INTERLEUKIN-10 (Invited Lecture) 396
P.K. Singal, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada

09:00 AMPLIFICATION OF THE MYOCARDIAL INFARCT SIZE LIMITING EFFECTS OF GLP-1 RECEPTOR ACTIVATION BY CILOSTAZOL, A PHOSPHODIESTERASE III INHIBITOR (Invited Lecture) 397
Y. Ye, **Y. Birnbaum**
Baylor College of Medicine, Houston, TX, USA

09:15 MOLECULAR MECHANISMS OF THE BENEFICIAL CARDIOVASCULAR EFFECTS OF TRANS-RESVERATROL (Invited Lecture) 398
U. Forstermann, Johannes Gutenberg University Medical Center, Mainz, Germany

09:30 OXYTOCIN – AN ANTIOBESITY AND CARDIOPROTECTIVE MOLECULE (Invited Lecture) 399
D. Jezova, Institute of Experimental Endocrinology, Bratislava, Slovakia

09:45 LEFT VENTRICULAR FAILURE PRODUCES PROFOUND LUNG REMODELING AND PULMONARY HYPERTENSION: HEART FAILURE CAUSES SEVERE LUNG DISEASE (Invited Lecture) 400
Y. Chen, University of Minnesota, Minneapolis, MN, USA

10:00 THERAPEUTIC POTENTIAL OF TISSUE INHIBITOR OF METALLOPROTEINASES (TIMPS) FOLLOWING MYOCARDIAL INFARCTION (Invited Lecture) 401
Z. Kassiri, University of Alberta, Edmonton, AB, Canada

10:15 TRICYCLIC PSYCHIATRIC ANTIDEPRESSANTS AS ALPHA2A ADRENERGIC RECEPTOR LIGANDS MODULATING RECEPTOR FUNCTION (Invited Lecture) 402
Q. Wang, University of Alabama at Birmingham, AL, USA

10:30 THE INFLUENCE OF ACUTE MATRIX METALLOPROTEINASE ACTIVITY ON MYOCARDIAL DYSFUNCTION ASSOCIATED WITH URGENT CARDIAC SURGERY: CARDIOPROTECTIVE EFFECTS OF INHIBITION 403
E.S. Teh, D.J. Chambers
The Rayne Institute (King's College London), London, UK

10:45 COFFEE, VISIT POSTERS AND EXHIBITION

08:30 – 10:15Hall C

S33 **Session**
INTERVENTIONAL CARDIOLOGY

Chairs: **B.F. Uretsky**, Little Rock, AR, USA
G.W. Vetrovec, Richmond, VA, USA

Abstract No.

08:30 DEDICATED STENT TREATMENT VERSUS STANDARD TREATMENT FOR CORORNARY BIFURCATIONS: LONG-TERM FOLLOW-UP 404
T. Gil-Jimenez, L.A. Inigo-Garcia, J.R. Siles-Rubio, A. Ramirez-Moreno, L. Fernandez-Lopez, C. Medina-Palomo, M. Pombo-Jimenez, J.F. Munoz-Bellido, O. Sanz-Vazquez, F. Ruiz-Mateas, Hospital Costa de Sol, Marbella, Spain

08:45 A MULTIDISCIPLINARY EFFORT TO DECREASE VASCULAR COMPLICATIONS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (PCI) 405
P. Muthusamy, **D. Busman**, D. Wohns
Grand Rapids Medical Education Partners, Grand Rapids, MI, USA

09:00 META-ANALYSIS OF TRIALS INVOLVING CHRONIC TOTAL OCCLUSIONS 406
M. Khan, **M-R. Movahed**
The Southern Arizona VA Health Care System, University of Arizona Sarver Heart Center, Tucson, AZ, USA

09:15 TRANSRADIAL CATHETERIZATION AND M-SIGN 407
G.H. Abusaid, W.I. Khalife,
University of Texas Medical Branch, Galveston, TX, USA

09:30 ADJUNCTIVE USE OF CORONARY EXCIMER LASER FOR LESIONS UNSUCCESSFULLY CROSSED WITH CORONARY BALLOONS 408
A. Singh, **G. Srinivas**, S. Singhal, D. Jauhar, B. Kaplan, R. Jauhar, B. Arkonac
Long Island Jewish Medical Center, New Hyde Park, NY, USA

09:45 GENDER AND AGE PREDICT HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERENCY DEPARTMENT 409
H.K. Reddy, R. Sharma, S.W. Erickson, D.J. Voelker, M. Moazazi, H. Dod, V.N. Singh, J.D. Marsh, R.K. Sharma
University of Arkansas for Medical Sciences, Little Rock, AR, USA

10:00 CLINICALLY RELEVANT COMPOSITE OUTCOMES IN THE TREATMENT OF SYMPTOMATIC CORONARY ARTERY DISEASE (CAD) 410
E.L. Woollard, L.J. Wood, K.V. Woollard, T.G. Briffa
University of Western Australia, Perth WA, Australia

10:15 COFFEE, VISIT POSTERS AND EXHIBITION

11:15 – 14:15 **Hall A**

PL17 **Plenary Session**
OBESITY, METABOLIC SYNDROME AND DIABETES
Joint Session with the American Society for Preventive Cardiology

Chairs: **M.A. Alpert**, Columbia, MO, USA
N.D. Wong, Irvine, CA, USA

Abstract No.

11:15 THE OBESITY PARADOX AND CARDIOVASCULAR DISEASE (Invited Lecture) 411
M.A. Alpert, University of Missouri-Columbia School of Medicine, Columbia, MO, USA

11:30 THE EFFECT OF DIABETES ON SEX/GENDER DIFFERENCES IN CARDIOVASCULAR DISEASE: THE RANCHO BERNARDO STUDY (Invited Lecture) 412
E. Barrett-Connor, University of California San Diego, La Jolla, CA, USA

11:45 ENDOTHELIAL DYSFUNCTION IN HYPERTENSION, DIABETES AND OBESITY (Invited Lecture) 413
T. Malinski, Chemisty and Biochemistry Ohio University, Athens, OH, USA

12:00 SCREENING FOR CVD IN METABOLIC SYNDROME AND DIABETES? (Invited Lecture) 414
N.D. Wong, Heart Disease Prevention Program, Division of Cardiology, University of California, Irvine, CA, USA

12:15 CARDIOVASCULAR DISEASE PREVENTION IN PATIENTS WITH DIABETES (Invited Lecture) 415
G.L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

12:30 REFINING RISK ASSESSMENT IN DIABETIC DYSLIPIDEMIA AFTER ACHIEVING LDL-C GOAL (Invited Lecture) 485
O.P. Ganda, Harvard Medical School, Boston, MA, USA

12:45 NON-INVASIVE ULTRASOUND EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS: PROGRESS AND PITFALLS (Invited Lecture) 416
J.M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA

13:00 GENETIC RISK FACTORS FOR CARDIOVASCULAR DISEASE IN TYPE 2 DIABETES (Invited Lecture) 417
L. Qi, Harvard School of Public Health, Boston, MA, USA

13:15 EFFICACY AND SAFETY OF SAXAGLIPTIN IN PATIENTS WITH TYPE 2 DIABETES AND HISTORY OF CARDIOVASCULAR DISEASE 418
W. Cook, B. Bryzinski, J. Slater, M. Donovan, E. Allen
Medical Affairs, AstraZeneca, Wilmington, DE, USA

13:30 ELEVATED AMBULATORY PULSE PRESSURE IN HYPERTENSIVE PATIENTS WITH TYPE 2 DIABETES: THE HYGIA PROJECT 419
D.E. Ayala, A. Moya, S. Gomara, J.J. Crespo, M.C. Castineira, J.J. Sanchez, M. Dominguez, A. Mojon, J.R. Fernandez, **R.C. Hermida**, University of Vigo, Spain

PL17 **Plenary Session**
OBESITY, METABOLIC SYNDROME AND DIABETES
Joint Session with the American Society for Preventive Cardiology (cont)

Abstract No.

13:45 AMBULATORY BLOOD PRESSURE THRESHOLDS FOR DIAGNOSIS OF HYPERTENSION IN TYPE 2 DIABETES BASED ON CARDIOVASCULAR OUTCOMES — 420
R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez, University of Vigo, Spain

14:00 EFFICACY AND SAFETY OF SAXAGLIPTIN IN PATIENTS WITH TYPE 2 DIABETES STRATIFIED BY CARDIOVASCULAR RISK FACTORS — 421
W. Cook, J. Slater, B. Bryzinski, M. Donovan, E. Allen
Medical Affairs, AstraZeneca, Wilmington, DE, USA

11:15 – 13:45 **Hall B**

S34 **Session**
HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES

Chairs: **B.I. Jugdutt,** Edmonton, AB, Canada
M.H. Pitzalis, Greenville, NC, USA

11:15 BIOIMPEDANCE VECTOR ANALYSIS IN THE DIAGNOSIS OF ACUTE DECOMPENSATED HEART FAILURE IN THE EMERGENCY DEPARTMENT — 422
D.W. Kehl, R. Choudhary, B. Dieffenbach, P. Clopton, P.R. Taub, A.S. Maisel
University of California at San Diego, San Diego, CA, USA

11:30 THE ROLE OF RIGHT VENTRICULAR FUNCTION IN PEDIATRIC IDIOPATHIC DILATED CARDIOMYOPATHY — 423
A. Groner, J. Yu, H. Ko, J. Nielsen, I. Lytrivi, I. Parness, S. Srivastava
Mount Sinai Medical Center, New York, NY, USA

11:45 IS "CHRONOTROPIC INCOMPETENCE" AN ADAPTIVE MECHANISM IN SYSTOLIC HEART FAILURE? — 424
J. Shirani, T.H. LeJemtel
St. Luke's University Health Network, Bethlehem, PA, USA

12:00 PROGNOSTIC UTILITY OF QRS FRAGMENTATION IN PATIENTS WITH NON ISCHEMIC CARDIOMYOPATHY — 425
V.M. Alla, O. Bansal, S. Kanuri, M.B. Jayanna, Y.M. Reddy, **M. Kaushik**, D. Lakkireddy, A. Mooss
Creighton University, Omaha, NE, USA

12:15 TAKOTSUBO CARDIOMYOPATHY AND STROKE — 426
M.L. Young, J. Stoehr, M.I. Aguilar, **F.D. Fortuin**
Midwestern University, Glendale, AZ, USA

12:30 MICRORNAS AS A WINDOW INTO CELLULAR PROCESSES OCCURRING SOON AFTER ACUTE MYOCARDIAL INFARCTION — 427
C. Watt, P. Sirish, N. Chiamvimonvat, J. López
University of California, Davis, Sacramento, CA, USA

S34 **Session**
HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES (cont)

Abstract No.

12:45 EVALUATION OF ATRIAL ASYNCHRONY IN HEART FAILURE PATIENTS BY 2D SPECKLE TRACKING USING VELOCITY VECTOR IMAGING — 428
M. Esmaeilzadeh, M. Nikparvar, M. Maleki, F. Noohi, S.Z.M. Ojaghighi Haghighi, P. Nakhostin Davari, H. Bakhshandeh
Tehran University of Medical Sciences, Rajaie Cardiovascular Medical and Research Center, Tehran, Iran

13:00 FREQUENCY OF IMPLANTABLE DEFIBRILLATOR (ICD) USE IN SEVERE SYSTOLIC HEART FAILURE AND EFFECTS ON MORTALITY — 429
R. Al-Najjar, T. Abu Sharifeh, A. Al Emam, A. Khanfar, **W.I. Khalife**
University of Texas Medical Branch, Galveston, TX, USA

13:15 BETA BLOCKER UPTITRATION POST CRT: A SINGLE CENTER EXPERIENCE — 430
F.A. McGrew, E.E. Johnson, M.A. Coppess, J. Foon, S.B. Charlton, T.A. Charlton, **J.J. Sims**
Stern Cardiovascular Clinic, Germantown, TN, USA

13:30 PROBNP AND TROPONIN COMBINED IS A STRONGER PREDICTOR OF READMISSIONS COMPARED TO PROBNP ALONE IN CHF PATIENTS — 431
N.C. Bhalodkar, A. Alvi, **R. Alvi**, U. Khan, J. N. Bella, M. Afshar
Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA

11:15 – 13:45 **Hall C**

S35 **Session**
ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

Chairs: **M.E. Farkouh**, Toronto, ON, Canada
Y. Ueda, Osaka, Japan

11:15 DIABETES MELLITUS IS A PREDICTOR OF HYPORESPOSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY ROOM — 432
R.K. Sharma, S.W. Erickson, R. Sharma, D.J. Voelker, F. Forsea, H. Dod, V.N. Singh, H.K. Reddy, J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:30 MRI EVALUATION OF LEFT VENTRICULAR FUNCTION POST CORONARY OCCLUSION/REPERFUSION AND EMBOLIZATION IN SWINE MODEL — 433
M. Saeed, S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson
University of California San Francisco, CA, USA

S35 **Session**
ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT (cont)

Abstract No.

11:45 ANTIDEPRESSANT USE, SEROTONIN TRANSPORTER AFFINITY, AND REINFARCTION AMONG PATIENTS RECEIVING CLOPIDOGREL: A POPULATION-BASED STUDY — 434
N. Fnais, M. Alshaikh, Z. Yao, T. Gomes, D. Juurlink, M. Mamdani
King Saud University, Riyadh, Saudi Arabia

12:00 SERUM CORIN IS REDUCED AND PREDICTS ADVERSE OUTCOME IN NON S-T ELEVATION ACUTE CORONARY SYNDROME — 435
A. Peleg, Y. Hasin, Poriya Hospital, Tiberias, Israel

12:15 TRANSRADIAL PERCUTANEOUS CORONARY ANGIOPLASTY IN ACUTE MYOCARDIAL INFARCTION — 436
J.M. Telayna, R.A. Costantini, C. Garcia
Hospital Universitario Austral, Buenos Aires, Argentina

12:30 A SINGLE CENTER REAL WORLD COMPARISON OF PROCEDURE TIMES IN THE TRANSRADIAL AND TRANSFEMORAL APPROACHES TO PRIMARY PCI — 437
M.J. Martinelli, K.M. Forbush, M.E. Sturm, C.L. Lasky, M. Fecko
St. Peter's Hospital, Albany, NY, USA

12:45 DIFFERENCES IN THE USE OF CARDIAC PROCEDURES BETWEEN WOMEN AND MEN FOLLOWING HOSPITAL ADMISSION WITH ACUTE MYOCARDIAL INFARCTION: IS THE GAP GETTING NARROWER? — 438
N.N. Singh, V.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
Suncoast Cardiovascular Research, St Petersburg, FL, USA

13:00 CHALLENGES IN THE MANAGEMENT OF POSTPARTUM SPONTANEOUS CORONARY ARTERY DISSECTION — 439
A.G. Truesdell, J. Li, **G.A. Delgado**, J.D. Abbott, M.K. Atalay, A.K. Singh
Warren Alpert Medical School of Brown University, Providence, RI, USA

13:15 ETHNIC VARIATIONS IN PRESENTATION AND DOOR TO BALLOON TIME IN PATIENTS WITH STEMI — 440
K. Heretis, **E. Shlofmitz**, M. Balek, C. Park, A.J. Buda
New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA

13:30 REVASCULARIZATION WITH PERCUTANEOUS TECHNIQUES OR SURGERY IS ASSOCIATED WITH IMPROVED IN-HOSPITAL SURVIVAL IN ELDERLY PATIENTS HOSPITALIZED WITH ACUTE MYOCARDIAL INFARCTION — 441
V.N. Singh, N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
University of South Florida College of Medicine, Tampa, FL, USA

08:00 – 13:00 **Poster Hall**

P501 **Poster Session**
PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

Board No		Abstract No.
1	ROLE OF DIETARY HABITS AMONG THREE DIFFERENT ETHNIC GROUPS IN ST-SEGMENT ELEVATED MYOCARDIAL INFARCTION (STEMI) **G. Peretto**, A. Durante, A. Laricchia, F. Ancona, M. Spartera, U. NG, D. Hu, N. Cristell, A. Maseri, D. Cianflone Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy	442
2	BORDERLINE HIGH LDL-C AND ENDOTHELIAL VASOCONSTRICTOR TONE **K.J. Diehl**, J.J. Greiner, B.L. Stauffer, C.A. DeSouza University of Colorado, Boulder, CO, USA	443
3	ASSOCIATION OF PHYSICAL ACTIVITY IN A YOUNG STUDENT POPULATION FROM THE CITY OF CAMPINAS, BRAZIL **J.F.K. Saraiva**, D.J.B. Saraiva, A. Avezum, A. Thimerman, L.A.M. Cesar, J.R.Z. Mendes, C.C. Magalhaes Sao Paulo State Cardiology Society, Sao Paulo, SP, Brazil	444
4	A SCHOOL-BASED EDUCATIONAL INTERVENTION ON CARDIOVASCULAR DISEASE RISK FACTOR KNOWLEDGE AMONG IRANIAN HIGH SCHOOL STUDENTS **F. Khoshkhou**, A. Arbabisarjou Islamic Azad University of Zahedan Branch, Zahedan, Iran	445
5	RELATIONSHIP OF CARDIOMETABOLIC RISK FACTORS, REVEALED IN HEALTH CENTERS, AND DATA OF DISPERSION ECG-CARTING **M.V. Avdeeva**, A.B. Shapovalova, L.V. Shcheglova St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia	446
6	INCREASED PSYCHOSOCIAL STRESS IN GREEK MIGRANTS WITH CHD: THE HEALTHY HEART, HEALTHY MIND STUDY **L.A. Kiropoulos**, I. Meredith, A. Tonkin, D. Clarke, P. Antonis, J. Plunkett University of Melbourne, Melbourne and Monash University, Melbourne, Australia	447
7	EFFECT OF SUPPLEMENTATION OF FOLIC ACID & VITAMIN B12 ON CARDIOVASCULAR MORTALITY & HYPERHOMOCYSTEINEMIA IN CHRONIC KIDNEY DISEASE **Nitya Nand** PGIMS, Rohtak, India	448
8	HYPOMAGNESAEMIA IN CARDIO-CEREVROVASCULAR DISEASE IS LINKED OF SOME RISK FACTORS OF ATHEROSCLEROSIS AND OF MISSING TOOTH, IN PATIENTS FROM ROMANIA **I.A. Gutiu**, L.I. Gutiu, F.S. Radulescu, M. Cojocaru Military Emergencies Hospital, Bucuresti, Romania	449

P502 **Poster Session**
VALVULAR HEART DISEASE / HEART VALVE SURGERY

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10	A SINGLE TERTIARY CARE CENTER EXPERIENCE WITH BMV (BALLOON MITRAL VALVOTOMY) IN PREGNANT WOMEN IN INDIA **S.C. Mishra**, A. Banerji Base Hospital Delhi Cantt, New Delhi, Delhi, India	451
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12	IS LEFT ATRIAL SIZE A HIGH RISK FOR POST-OPERATIVE ATRIAL FIBRILLATION AFTER AORTIC VALVE REPLACEMENT G.H. Yao, R. Ali, J. Cui, D. Engelman, D. Deaton, J. Flack III, J.R. Cook, J. Rousou, **L. Jiang** Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA	453
13	DOES PRE-OPERATIVE CHRONIC KIDNEY DISEASE ESTIMATED BY CKD-EPI FORMULA IMPACT LONG-TERM SURVIVAL FOLLOWING AORTIC VALVE SURGERY? **A. Kossar**, M. Ji, H. Yerebakan, S. Jones, L. Soni, T. Raza, B.C. Esrig, M. Argenziano, F.H. Cheema Columbia University, New York, NY, USA	454
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19	VALVE SURGERY IN ENDOCARDITIS AND NON-ST-ELEVATION MYOCARDIAL INFARCTION WITHOUT CORONARY ANGIOGRAM **M.M. Paulpillai**, S. Dadkhah, S. Dowlatshahi, M. Shahreyar, M.A. Furghani, R. Sharain St. Francis Hospital, Evanston, IL, USA	460
20	HIGHER PREVALENCE OF PHYSICAL SYMPTOMS REPORTED IN SUBJECTS WITH MITRAL VALVE PROLAPSE IS RELATED TO HIGHER PREVALENCE OF FEMALE GENDER WITH MITRAL VALVE PROLAPSE AND NOT DUE TO PRESENCE OF MITRAL VALVE PROLAPSE **M.R. Movahed**, S. Bates University of Arizona Sarver Heart Center, Tucson, AZ, USA	461
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25	LATE MYOCARDIAL INVOLVEMENT WITH PERICARDIAL CONSTRICTION CAUSED BY MEDIASTINITIS DUE TO THE DONOR TRANSMITTED KLEBSIELLA INFECTION AFTER HEART TRANSPLANTATION **N. Arat,** E. Pektok, C. Ciftci, N. Yazýcýoglu, S. Kucukaksu Istanbul Bilim University, Istanbul, Turkey	466

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27	ESTIMATION OF GLOMERULAR FILTRATION RATE IN HEART TRANSPLANTATION RECIPIENTS: IS CKD-EPI EQUATION A SUPERIOR PROGNOSTIC INDICATOR THAN THE MDRD EQUATION? **M. Ji**, H. Yerebakan, A. Kossar, S. Jones, L. Soni, M. Argenziano, P.C. Schulze, H. Takayama, Y. Naka, F.H. Cheema Columbia University, New York, NY, USA	468

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33	THE ROLE OF GENE POLYMORPHISM IN FAMILIAR CARDIOMYOPATHY **W.M. Alshaqha**, K.A. Alabdulrahman, D.A. Dizmiri Imam Mohammed Bin Saud University, Riyadh, Saudi Arabia	474

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43 INCREASED MORTALITY RISK DURING GRAVITATIONAL TRANSITION IN HEART DISEASE MODEL 484

P. Rattanawong, W. Vuthikraivit, A. Charoensri, T. Bupha-Intr, T. Ngarmukos, S. Tantiphanwadi, A. Kijtawornra, I. Miyoshi
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