



INTERNATIONAL ACADEMY OF CARDIOLOGY
16th WORLD CONGRESS ON HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2011
VANCOUVER, BC, CANADA, JULY 23-26, 2011

ADVANCE PROGRAM

SUNDAY, JULY 24, 2011

09:00 – 10:15

Hall A

OPENING CEREMONY

09:35 – 10:15

Hall A

OPENING LECTURE

10:45 – 12:45

Hall A

PL:01 Plenary Session
APOPTOSIS, TISSUE REGENERATION AND CARDIAC REMODELLING IN
HEART DISEASE

10:45 MECHANISMS OF GENDER DIFFERENCES IN CARDIAC REMODELING IN
CONGESTIVE HEART FAILURE (Invited Lecture)
N.S. Dhalla, St Boniface Hospital Research Centre, Winnipeg, MB, Canada

11:00 EXTENDING VASCULAR LONGEVITY THROUGH SIRTUIN MEDIATED
SIGNALING (Invited Lecture)
K. Maiese, University of Medicine & Dentistry of New Jersey, New Jersey Medical
School, Newark, NJ, USA

11:15 GETTING THERE IS HALF THE FUN: CYTOKINE MODULATION OF CARDIAC
FIBROBLAST MIGRATION (Invited Lecture)
C. S. Long, University of Colorado and Denver Health Medical Center,
Denver, CO, USA



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- 11:30 NOVEL ALTERNATIVE SPLICING OF DEATH GENE BNIP3 PROMOTES CELL SURVIVAL OF POST-NATAL VENTRICULAR MYOCYTES (Invited Lecture)
L.A. Kirshenbaum, Research Development Institute of Cardiovascular Sciences St. Boniface General Hospital Research Centre, Winnipeg, MB, Canada
- 11:45 OCCURRENCE OF AUTOPHAGY AND BRIDGING OF THE AUTOPHAGIC PROCESS TO APOPTOTIC AND NECROTIC CELL DEATH IN THE HUMAN HEART WITH END-STAGE HEART FAILURE (Invited Lecture)
T.M. Scarabelli, FTA of Internal Medicine and Pharmacology Wayne State University School of Medicine, Detroit, MI, USA
- 12:00 INDUCED PLURIPOTENT STEM CELLS IN CARDIAC REGENERATION (Invited Lecture)
D.K. Singla, University of Central Florida, Orlando, FL, USA
- 12:15 ROLE OF CARDIOMYOCYTE APOPTOSIS IN THE PATHOGENESIS OF CARDIAC REMODELING (Invited Lecture)
S. Hikoso, Osaka University Graduate School of Medicine, Suita, Japan
- 12:30 CANDESARTAN ATTENUATES AGING-INDUCED INCREASE IN MATRICELLULAR PROTEINS AND MATRIX PROTEASES AND LIMITS REMODELING DURING HEALING AFTER REPERFUSED MYOCARDIAL INFARCTION
B.I. Jugdutt, A. Palaniyappan, H. Idikio
University of Alberta, Edmonton, Alberta, Canada

10:45 – 13:30

Hall B

PL:02

Plenary Session

HEART FAILURE: MANAGEMENT, THERAPY, OUTCOMES

- 10:45 HARNESSING TECHNOLOGY FOR PATIENT MANAGEMENT OF CARDIOVASCULAR DISEASES (Invited Lecture)
S.A. Lear, Providence Health Care Simon Fraser University Harbour Centre Campus, Vancouver, BC, Canada
- 11:00 CLINICAL PRESENTATION, MANAGEMENT AND OUTCOMES IN THE ACUTE HEART FAILURE GLOBAL SURVEY OF STANDARD TREATMENT (ALARM-HF) (Invited Lecture)
F. Follath, University Hospital, Zürich, Switzerland
- 11:15 HEART RATE REDUCTION IN HEART FAILURE: THE LESSONS OF IVABRADINE IN SHIFT (Invited Lecture)
J. Borer, SUNY Downstate Medical Center and College of Medicine, Brooklyn and New York, NY, USA



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- 11:30 CAN WE STOP THE IMPENDING FLOOD OF HEART FAILURE?
(Invited Lecture)
P.A. Heidenreich, Stanford University, VA Palo Alto Health Care System,
Palo Alto, CA, USA
- 11:45 MANAGEMENT OF ADVANCED HEART FAILURE IN THE COMMUNITY
(Invited Lecture)
M.H. Pitzalis, The Brody School of Medicine at ECU East Carolina Heart Institute,
Greenville, NC, USA
- 12:00 REGENERATIVE POTENTIAL OF PICSO IN HEART FAILURE PATIENTS: THE
ATOS TRIAL (Invited Lecture)
W. Mohl, Medizinische Universität Wien, Austria
- 12:15 DIRECTED APPROACH TO THE THERAPY OF PULMONARY ARTERIAL
HYPERTENSION (Invited Lecture)
R.C. Bourge, UAB Division of Cardiovascular Disease, Birmingham, AL, USA
- 12:30 VENTRICULAR ASSIST DEVICE RELATED INFECTIONS INCREASE ONE-YEAR
MORTALITY (Invited Lecture)
S.V. Pamboukian, University of Alabama at Birmingham, AL, USA
- 12:45 AMINO TERMINAL PRO BRAIN NATRIURETIC PEPTIDE SERUM VALUES IN
THE DIFFERENTIAL DIAGNOSIS AND CLASSIFICATION OF DYSPNEA
PATIENTS WITH PULMONARY HYPERTENSION: IS IT THE TIME TO CONTROL
THE NECESSITY OF THE CURRENT SPECIFIC PHARMACOLOGIC
OVERTREATMENT? (Invited Lecture)
N. Angomachalelis, Aristotle University of Thessaloniki, School of Medicine,
Thessaloniki, Macedonia, Greece
- 13:00 THE ROLE OF STATIN THERAPY IN THE MANAGEMENT OF HEART FAILURE
(Invited Lecture)
S. Chumburidze, National Center of Therapy, Georgia
- 13:15 CARDIORENAL SYNDROME: AN UPDATE FOR 2011 (Invited Lecture)
A. Kazory, University of Florida, Gainesville, FL, USA

10:45 – 14:00

Hall C

S21

Session

METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

- 10:45 NT-PROBNP HAS A HIGH NEGATIVE PREDICTIVE VALUE TO RULE-OUT
SHORT-TERM CARDIOVASCULAR EVENTS IN DIABETES MELLITUS
S. Neuhold, M. Huelsmann, G. Strunk, I. Brodnjak, C. Adlbrecht, C. Rath,
M. Clodi, M. Resl, **R. Pacher**, Medical University Vienna, Vienna, Austria
- 11:00 CALPASTATIN OVER-EXPRESSION REDUCES FIBROSIS IN DIABETIC
CARDIOMYOPATHY IN A TYPE II MURINE MODEL
M. Singh, Y. Li, S Chakrabarti, T Peng
University of Western Ontario, London, ON, Canada and Lawson Health Research
Institute, London, Ontario, Canada



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- 11:15 EFFECT OF WEIGHT LOSS ON VARIOUS CARDIOVASCULAR RISK FACTORS (HYPERTENSION, GLYCEMIC CONTROL, LIPID PROFILE, CRP AND HOMOCYSTEINE) IN OBESE SUBJECTS TREATED WITH BARIATRIC SURGERY
J.P.S.S. Sawhnay, M.K. Sharma, B.K. Mishra, B.K. andpal, A. Makhija, B.S. Vivek, A. Mehta, R. Passey, S.C. Manchanda, A. Mohnaty
Sir Ganga Ram Hospital, Delhi, India
- 11:30 THE ASSOCIATION BETWEEN VENTRICULAR ARRHYTHMOGENEITY AND CARDIAC AUTONOMIC NEUROPATHY IN SUBJECTS WITH TYPE 2 DIABETES MELLITUS ASSESSED BY NEW ECG MARKERS
C. Voulgari, **I. Moyssakis**, D. Kyriaki, N. Katsilambros, N. Tentolouris
Athens University Medical School, Athens, Greece
- 11:45 DOES ELECTROCARDIOGRAPHY DEFINED SILENT MYOCARDIAL ISCHEMIA NEED FURTHER CARDIAC TESTS IN DIABETIC MEN AND WOMEN? A COHORT STUDY IN A MIDDLE EASTERN POPULATION
F. Hadaegh, **R. Mohebi**, M. Hatami, M. Hasheminia, F. Sheikholeslami, F. Azizi
Endocrine Research Center, Shahid Beheshti University of Medical Science, Tehran, Iran
- 12:00 CIRCADIAN BLOOD PRESSURE PATTERN AND PREVALENCE OF NOCTURNAL HYPERTENSION IN SUBJECTS WITH AND WITHOUT DIABETES
M.C. Castineiras, A. Moya, J. Perez-de-Lis, L. Pousa, J.L. Salgado, S. Hernaiz, A. Mojon, D.E. Ayala, **R.C. Hermida**, for the Hygia Project Investigators
Bioengineering & Chronobiology Labs., University of Vigo, Vigo, Spain
- 12:15 CARDIOVASCULAR SYSTEM IN TYPE 2 DIABETIC FEMALES WITH NEPHROPATHY AND HYPERTENSION
O.S. Elsukova, S.G. Onuchin, Kirov State Medical Academy, Kirov, Russia
- 12:30 EFFECTS OF DIABETES ON SMALL AORTIC ANEURYSMS IN SURVEILLANCE: SUBGROUP ANALYSIS FROM A RANDOMIZED TRIAL
P. De Rango, P. Cao, F. Verzini, G. Parlani, E. Cieri, G. Simonte
Vascular Endovascular Surgery, Hospital S.M. Misericordia, Italy
- 12:45 BENEFICIAL ROLE OF SPIRONOLACTONE ON CARDIAC COMPLICATIONS ASSOCIATED WITH TYPE 2 DIABETIC RATS
B.R. Goyal, J.V. Kakadiya, A.A. Mehta, R.K. Goyal
Institute of Pharmacy-Nirma University, Ahmedabad, Gujarat, India
- 13:00 DEPRESSION AND WAIST CIRCUMFERENCE INDEPENDENTLY PREDICT THE COSTS OF CARDIO-METABOLIC MEDICATIONS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS
D. Young, J. Hii, J. Furler, I. Blackberry, **D. Liew**, J.D. Best
The University of Melbourne, Victoria, Australia
- 13:15 TRIGLYCERIDES ARE AN INDEPENDENT PREDICTOR OF DIABETES IN SOUTH ASIAN FEMALES UNLIKE IN SOUTH ASIAN MALES IN THE UNITED STATES
P. Manocha, **R.A. Nanjundappa**, D.J. Eapen, I. Kassas, Y.X. Liu, S. Koduru, A.M. Ahmed, S. Raddawi, L. Sperling, A.A. Quyyumi
Cardiovascular Division, Dept. of Medicine, Emory University Hospital, Atlanta, GA, USA



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- 13:30 ASSESSMENT OF RIGHT VENTRICULAR FUNCTION BY MYOCARDIAL PERFORMANCE INDEX IN DIABETIC PATIENTS
A.A. Abdelaziz, E.M. Daoud, Mansoura University, Mansoura, Dakhalia, Egypt
- 13:45 DERIVATION OF A DIABETES RISK SCORE AND VALIDATION OF EXISTING SCREENING TOOLS IN RURAL KERALA, INDIA
T. Sathish, S. Kannan, P.S. Sarma, K.R. Thankappan
Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Thiruvananthapuram, Kerala, India

10:45 – 13:45

Hall D

S22 Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE

- 10:45 PREVALENCE AND IMPACT OF ANEMIA ON OUTCOMES OF SURGICALLY TREATED INFANTS WITH AV CANAL OR VENTRICULAR SEPTAL DEFECTS
Z. Khan, G. Natarajan, S. Sallaam, I. Bondarenko, R.E. Delius, H.L. Walters, S. Aggarwal, Children's Hospital of Michigan, Detroit, MI, USA
- 11:00 LIVER DYSFUNCTION AND CARDIAC FUNCTION IN THE EARLY TERM AFTER FONTAN OPERATION
T. Oka, R. Kato, K. Toiyama, S. Ozawa, T. Itoi, M. Yamagishi, K. Hamaoka
Kyoto Prefectural University of Medicine, Kyoto, Japan
- 11:15 ECHOCARDIOGRAPHIC ASSESSMENT OF MORPHOLOGY AND BLOOD FLOW PATTERNS IN CONGENITAL BICUSPID AORTIC VALVE IN CHILDREN
B. Cerovic, J. Dojcinovic, J. Juloski, R. Ivanisevic
Belgrade KBC, Belgrade, Serbia
- 11:30 LONG-TERM OUTCOME OF CONGENITAL SINUS OF VALSALVA ANEURYSMS: A 25-YEAR EXPERIENCE
S. Sarikaya, A. Elibol, H. Sacli, O. Kocamaz, M. Dedemoglu, M. Akbulut, A. Arslan, M. Balkanay, M. Alp, **K. Kirali**, Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey
- 11:45 SURVIVAL IN PATIENTS WITH CLASSIC HYPOPLASTIC LEFT HEART SYNDROME VS. DOUBLE OUTLET RIGHT VENTRICLE VARIANTS
G.K. Gallardo, R.T. Fedderly, M. Krolkowski, J.S. Tweddell
Medical College of Wisconsin, Milwaukee, WI, USA
- 12:00 COMPLETE HEART BLOCK IN CHILDREN AND ADOLESCENTS – SEQUENTIAL PACING ADDS RELEVANT TO CARDIAC OUTPUT
C. Pees, J. Hauser, I. Michel-Behnke
Dept. of Pediatric Cardiology, Pediatric Heart Center, University Hospital of Vienna, Austria
- 12:15 MATERNAL MTHFR C677T POLYMORPHISM COULD BE A RISK FOR SEPTAL DEFECTS ONLY IN DOWN SYNDROME
S.M. Elsayed, G.M. Elsayed, Pediatrics Dept., Ain Shams University, Cairo, Egypt



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- 12:30 MORPHOLOGY OF PATENT DUCTUS ARTERIOSUS; A PREDICTOR OF THE OUTCOME OF STENTING IN DUCT-DEPENDENT PULMONARY CIRCULATION AN EXPERIENCE IN CHILDREN HOSPITAL, CAIRO UNIVERSITY, EGYPT
H. Agha, H. Hamza, A. Esmat, Y. Hussein
Faculty of Medicine, Cairo University, Cairo, Egypt
- 12:45 TRANSCATHETER DEVICE CLOSURE OF VENTRICULAR SEPTAL DEFECT: A META-ANALYSIS
S.C. Quek, L.W. Khin, B.C. Tai, W. Yip, National University of Singapore, Singapore
- 13:00 ECHOCARDIOGRAPHIC MYOCARDIAL PERFORMANCE (TEI INDEX) ASSESSMENT OF RIGHT VENTRICLE IN HEALTHY NEWBORNS
S.S. Sheta, Cairo University Children Hospital, Faculty of Medicine, Cairo, Egypt
- 13:15 CARDIAC CATHETERIZATION PROCEDURES AFTER CONGENITAL HEART SURGERY IN CHILDREN: DO THEY IMPACT OUTCOMES?
A. Bharmanee, S. Aggarwal, Children's Hospital of Michigan, Detroit, MI, USA
- 13:30 ANTI-TACHYCARDIA PACEMAKERS IN CONGENITAL HEART DISEASE
A.N. Kamp, M.J. LaPage, G. Serwer, M. Dick, D.J. Bradley
University of Michigan, Ann Arbor, MI, USA

08:00 – 13:00

Poster Hall

P101 VASCULAR BIOLOGY, BASIC RESEARCH I

EFFECTS OF PIOGLITAZONE ON PREVENTION AND REGRESSION OF ATHEROSCLEROSIS IN EXPERIMENTAL RABBITS

A. Zhang, S. Wang, X. Ji, A. Zhang
WeiFang People's Hospital, WeiFang, ShangDong, China

IN VITRO HEMORHEOLOGICAL EFFECTS OF RED WINE, ALCOHOL FREE RED WINE EXTRACT AND ALCOHOL

A. Toth, M. Rabai, P. Kenyeres, H.J. Meiselman, K. Toth
Medical School, University of Pecs, Hungary

RELAXATION OF INTERNAL MAMMARY ARTERY BY THE DIAZENIUM DIOLATE NITRIC OXIDE DONOR DETA NONOATE

N. Rahimi, A.R. Dehpour, M. Javadi-Paydar, H. Sohanaki, S. Rabbani, A. Karimi, K. Abbasi, S. Sadeghian, **S.H. Ahmadi Tafti**
Tehran Heart Center, Tehran University of Medical Sciences, Iran

EXPRESSION INCREASE OF TRANSCRIPTION FACTORS KLF4 IN DIFFERENTIATED ENDOTHELIAL PROGENITOR CELLS

D. Hongmei, H. Lan, D. Meng, S. Ming
Institute of Cardiovascular Disease, XinQiao Hospital, Third Military Medical University, ChongQing, China



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P102 BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

ENDOGENOUS GRANULOCYTE COLONY-STIMULATING FACTOR:
A BIOMARKER IN ACUTE ISCHEMIC STROKE

C.L. Kuo, S.C. Yu, C.S. Huang, C.S. Chang, C.S. Liu

Vascular & Genomic Center, Changhua Christian Hospital, Taiwan

ANTIPHOSPHATIDYL SERINE ANTIBODIES ARE INDEPENDENTLY
ASSOCIATED WITH PREMATURE CORONARY EVENTS

H.Y. Ali, Z.A. Abdullah

Technical & Health Institute-Zakho, Kurdistan Regional Government, Iraq, College
of Medicine, University of Mosul, Iraq

P103 NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES I

MICROVASCULAR RESISTANCE INDEX IMMEDIATELY AFTER
PERCUTANEOUS CORONARY INTERVENTION PREDICTS THE PRESENCE
OF MICROVASCULAR OBSTRUCTION IN PATIENTS WITH ST-ELEVATION
ACUTE MYOCARDIAL INFARCTION ACHIEVING TIMI FLOW GRADE 3
REPERFUSION

T. Masuno, H. Kitabata, K. Komukai, T. Tanimoto, Y. Ino, K. Hirata,

K. Kimura, M. Mizukoshi, T. Imanishi, T. Akasaka

Wakayama Medical University, Wakayama, Japan

INDEX OF MICROCIRCULATORY RESISTANCE AS PREDICTOR FOR
MICROVASCULAR FUNCTIONAL RECOVERY IN PATIENTS WITH ANTERIOR
MYOCARDIAL INFARCTION: COMPARISON BETWEEN INTRACORONARY
WEDGE PRESSURE, ECHOCARDIOGRAPHY AND CARDIAC MAGNETIC
RESONANCE IMAGING

J.H. Koh, S.H. Rheu, S.K. Lim

Kwandong University, Goyang, South Korea

THE CAROTID INTIMA-MEDIA THICKNESS IS A USEFUL PREDICTOR FOR
CARDIOVASCULAR EVENTS IN PATIENTS WITH METABOLIC SYNDROME

J.H. Koh, S.H. Yoo

Kwandong University, Goyang-Si, South Korea

2-VIEW QUANTITATIVE CORONARY ANGIOGRAPHY (QCA) IN MODERATE
LESIONS PREDICTS SEVERE OBSTRUCTION BY CORONARY ULTRASOUND

C.L. Laham, M.S. Chandra, M.J. McMahon, R. Venzon, M. Jerin, N.W. Shamma
St. Lukes Hospital, Cedar Rapids, IA, USA

EVALUATION OF RIGHT VENTRICULAR DEFORMATION IN PATIENTS WITH
COPD AND METABOLIC SYNDROME

S. Stanciu, S. Dumitrescu, C. Cohen, G. Roul, M.A. Bogdan

Central Military Hospital, Bucharest, Romania

PREVALENCE OF LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN
ASYMPTOMATIC TYPE-II DIABETIC NORTH INDIAN PUNJABI POPULATION
AND ITS CORRELATION WITH METABOLIC RISK FACTORS

R. Kapoor, V. Sardana, D. Singh, S. Chopra

Carewell Heart and Super Speciality Hospital, Amritsar, Punjab, India



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FEASIBILITY AND SAFETY OF TRANSRADIAL APPROACH IN A FELLOWSHIP TRAINING PROGRAM

W.I. Khalife, Q. Cai, **V.K. Mukku**, S.A. Gilani
University of Texas Medical Branch, Galveston, TX, USA

CLASSIFICATION AND DIAGNOSTIC IMAGING METHODS OF VASCULAR ACCESS COMPLICATION BY CLOSURE DEVICE

M. Alipour, D. Masri, A. Mofazzali, N. Alipour
Hoag Hospital, Vascular Lab, Newport Beach, CA, USA

CORONARY ARTERY ANGIOGRAPHIC CHANGES IN VETERANS INTOXICATED BY MUSTARD GAS

M.M. Shabestari, F. Jabari, B. Gohari, N. Moazen, H. Azizi, T. Moghiman, S. Ibrahimzadeh, A. Amirabadi
Dept. of Interventional Cardiology, Imam Reza Hospital affiliated to Mashhad University of Medical Sciences, Mashhad, Iran

CARDIOVASCULAR SCREENING USING EXERCISE STRESS ECHOCARDIOGRAPHY IN OBESE PATIENTS UNDERGOING BARIATRIC SURGERY

W.M. Tarhuni, S. Khan, G. Shamim, M.S. Lubanski
University of Saskatchewan, Saskatoon, Saskatchewan, Windsor Cardiac Centre, Windsor, Ontario, Canada

DISTAL COMMON CAROTID ARTERY INTIMA-MEDIA THICKNESS IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY

M. Alipour, D. Masri, A. Mofazzali, N. Alipour
Hoag Hospital, Vascular Lab, Newport Beach, CA, USA

EVALUATING CORONARY ARTERY ECTASIA IN ANGIOGRAPHY OF CHEST PAIN PATIENTS DURING ONE YEAR IN THE CITY OF MASHHAD, IRAN

M.M. Shabestari, F. Jabari, M. Ahmadi, I. Kashani, H. Azizi, T. Moghiman
Dept. of Interventional Cardiology, Imam Reza Hospital affiliated to Mashhad University of Medical Sciences, Mashhad, Iran

P205 THE PLAQUE AND ACUTE CORONARY SYNDROMES

1493 THROMBOPHILIA RELATED MARKERS (INCLUDING MOLECULAR) AND PREVALENCE OF METABOLIC SYNDROME IN INDIAN PATIENTS WITH EARLY ONSET CORONARY ARTERY DISEASE AGED ≤ 45 YEARS

R. Avasthi, A. Wadhwa, S. Dwivedi, S. Sharma, J.K. Gambhir
UCMS & GTB Hospital, Delhi, India

INTRACORONARY THROMBUS AGE AND HOSPITAL OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROME WITH ST SEGMENT ELEVATION

F. Bosa Ojeda, G. Yanes Bowden, A. Sanchez-Grande Flecha, M.J. Vargas Torres, **C. Hernandez Garcia**, J.J. Ferrer Hita, A. Rodriguez Gonzalez, M.D. Ravina Cabrera, R.A. Juarez Prera, C. Enjuanes Grau
Hospital Universitario de Canarias, La Laguna, Santa Cruz de Tenerife, Spain

NEOPTERIN, MYELOPEROXIDASE AND C-REACTIVE PROTEIN LEVELS IN ACS PATIENTS

M. Adamczyk, R.J. Brashear, S.C. Hsu, P.G. Mattingly
Abbott Laboratories, Abbott Park, IL, USA



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EFFECTS OF DYSLIPIDEMIA ON PLAQUE CHARACTERISTICS IN CULPRIT LESIONS OF ACUTE CORONARY SYNDROME

K. Otagiri, **H. Hioki**, S. Kumazaki, Y. Miyashita, S. Asoh, H. Kasai, A. Izawa, T. Tomita, J. Koyama, U. Ikeda
Shinshu University, Matsumoto, Japan

DIRECT RENIN INHIBITOR ALISKIREN IN ACUTE PHASE OF THE LEFT VENTRICULAR MYOCARDIAL INFARCTION: SAFETY AND EFFICIENCY

H.G. Hayrapetyan, **F.H. Muradyan**, MC Erebouni, Yerevan, Armenia

CLINICAL CHARACTERISTICS, MODE OF PRESENTATION AND HOSPITAL OUTCOME IN YOUNG EGYPTIAN PATIENTS (PTS.) WITH ACUTE CORONARY SYNDROMES (ACS)

G.M. Aboul Nasr, A.F. El-Desouky, M.A. Ramadan, T.A El-Khayat
National Heart Institute (NHI), Cairo, Egypt

P503 ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY

TIMING OF INTERVENTION IMPACTS ON ONE-YEAR OUTCOMES IN NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

B.W. Kim, K.S. Cha, J.H. Cho, H.W. Lee, M.J. Yang, J.H. Oh, J.H. Choi, H.C. Lee, T.J. Hong, M.H. Jeong
Pusan National University Hospital, Busan, Korea

IMPACT OF PRE-HOSPITAL ACTIVATION ON REVASCULARIZATION TIME, LEFT VENTRICULAR EJECTION FRACTION, INFARCT SIZE AND MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION

S. Horvath, R. Chan, F. Nwanyanwu, P.A. Vignola, R.J. Cubeddu
Aventura Hospital and Medical Center, Miami, FL, USA

ALPHA-1 ANTITRYPSIN PROTECTS MYOCARDIUM FROM REPERFUSION INJURY

Z. El-Akawi, **S. Khatib**
Jordan University of Science and Technology, Irbid, Jordan

WEEKEND VERSUS WEEKDAYS HOSPITAL ADMISSION FOR CARDIOVASCULAR EVENTS: IS MORTALITY DIFFERENT?

R. Salmi, D. Imberti, M. Gallerani, **R. Manfredini**
Dept. of Internal Medicine, University of Ferrara, Italy

RETROSPECTIVE ANALYSIS OF STEMI PATIENTS WHO RECEIVED SINGLE INTRAVENOUS BOLUS DOSE ENOXAPARIN PRIOR TO EMERGENT PERCUTANEOUS INTERVENTION

M. Flisak, J. Cwik, H. Saudye, P. Patel
Advocate Lutheran General Hospital, Park Ridge, IL, USA

TREATMENT MYOCARDIAL INFARCTION BY BONE MARROW AUTOLOGOUS STEM CELLS CD 133+

Z. Rakhimov, N. Olimov, **N. Navjuvonov**, M. Khidirov, S. Muminjonov, A. Didary, J. Irgasheva, A. Barotov, E. Rizojev, M. Mirshahi
Republican Scientific Center of Cardiology, Dushanbe, Tajikistan



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C-REACTIVE PROTEIN (CRP) GENE POLYMORPHISMS: IMPLICATION IN CRP PLASMA LEVELS AND SUSCEPTIBILITY TO ACUTE MYOCARDIAL INFARCTION

S.M.H. Ghaderian, R. Akbarzadeh Najar, A.S. Tabatabaei Panah
Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran

GENDER AND ADVANCE AGE DISPARITIES ON ACUTE MYOCARDIAL INFARCTION MANAGEMENT: THE PUERTO RICO HEART ATTACK STUDY

H.L. Banchs, J.C. Zevallos, J. Yarzebski, J.A. Gonzalez, M. Garcia-Palmieri, L.R. Pericchi, P.I. Altieri, J. Quevedo, R.J. Goldberg
University of Puerto Rico, Medical Sciences Campus, Puerto Rico

P104 **DIABETES MELLITUS, THE METABOLIC SYNDROME AND ATHEROSCLEROSIS: BASIC AND CLINICAL I**

INFLUENCE OF NIGHTTIME BLOOD PRESSURE IN THE PREVALENCE OF MASKED HYPERTENSION IN DIABETES

A. Moya, E. Sineiro, M.C. Castineira, S.M. Gomara, A. Mojon, M.J. Fontao, S. Lorenzo, **D.E. Ayala**, R.C. Hermida, for the Hygia Project Investigators
Bioengineering & Chronobiology Labs, University of Vigo, Vigo, Spain

EFFECTS OF FENOFIBRATE THERAPY ON CIRCULATING ADIPOCYTOKINES IN PATIENTS WITH PRIMARY HYPERTRIGLYCERIDEMIA

K.K. Koh, M.J. Quon
Gachon University Gil Medical Center, Incheon, Korea

THE RELATIONSHIP BETWEEN CARDIOVASCULAR RISK FACTORS-SECRETORY PHOSPHOLIPASE A2 (SPLA2)-ARTERIAL STIFFNESS IN METABOLIC SYNDROME (MS) PATIENTS

D.T. Zdrengeha, A.V. Sitar-Taut, A. Cozma, M. Cebanu, G. Bodisz, D. Pop
Rehabilitation Hospital, University of Pharmacy and Medicine, Cluj-Capoca, Romania

A COMPARISON BETWEEN INSULIN RESISTANCE SCORES PARAMETERS IN IDENTIFYING METABOLIC SYNDROME (MS) PATIENTS

D. Pop, A. Siat-Taut, M. Cebanu, O.M. Penciu, G. Bodisz, D.T. Zdrengeha
University of Pharmacy and Medicine Cluj-Napoca, Romania

EFFECT OF HIGH FIBER AND LOW – GLYCEMIC DIET IN TYPE II DIABETIC PATIENTS ON HYPERTENSION AND CARDIOVASCULAR RISK MARKERS IN NORTH INDIAN PUNJABI POPULATION

R. Kapoor, S. Chopra
Carewell Heart & Super Speciality Hospital, Amritsar, Punjab, India

DEPLETED LEUKOCYTE MITOCHONDRIAL DNA COPY NUMBER IN METABOLIC SYNDROME

C.S. Liu, C.H. Huang, S.L. Su, W.L. Cheng, C.C. Chang, C.L. Kuo, T.T. Lin
Changhua Christian Hospital, Changhua, Taiwan

PREDICTORS OF 90DAY MORTALITY IN DIABETIC PATIENTS WHO PRESENT WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

B.W. Liew, V.H. Tan, P.P. Goh, C.H. Tan, J. Chow
Changi General Hospital, Singapore



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THE PREVALENCE OF METABOLIC SYNDROME IN ACUTE CORONARY SYNDROME PATIENTS WITHOUT A PREVIOUS DIAGNOSIS OF DIABETES

R.F. Al-Aqeedi, A.A. Gehani, W.K. Abdulatif, W.K. Dabdoob, A. Bener, H.A. Albinali
Hamad Medical Corporation, Doha, Qatar

OBESITY, VASPIN, AND CARDIOVASCULAR RISK FACTORS (CVD)

A. Golpaie, M.J. Hosseinzadeh-Attar, Z. Karbaschian, N. Tajik
Tehran University of Medical Sciences, School of Public Health, Tehran, Iran

P105 CARDIAC PACEMAKERS AND IMPLANTABLE CARDIOVERTER – DEFIBRILLATOR THERAPY

CHANGE IN PULMONARY ARTERY SYSTOLIC PRESSURE FOLLOWING CARDIAC RESYNCHRONIZATION THERAPY HELPS PREDICT FUTURE HOSPITAL ADMISSIONS FOR CONGESTIVE HEART FAILURE

P.K. Yadav, J.B. Skibba, J.E. Banchs, L.N. Linton-Frazier, E.D. Penny-Peterson, S.M. Samii, D.L. Wolbrette, M.D. Gonzalez, E.J. Lengerich, G.V. Naccarelli
Penn State University, Milton S. Hershey Medical Center, Hershey, PA, USA

INAPPROPRIATE SHOCKS WITH IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH

P. Menaria, K. Axtell, C. Kolibash, J. Sra, M. Akhtar, V. Nangia
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

OCCURRENCE OF ATRIAL FIBRILLATION IN NON-ISCHEMIC DILATED CARDIOMYOPATHY

V. Marino, **S.L. D'Ascia**, G. Santulli, Federico II University, Naples, Italy

TIME TO FIRST INTERVENTION: IS IT A MORTALITY PREDICTOR IN ICD FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH?

P. Menaria, K. Axtell, C. Kolibash, N. Mori, J. Sra, M. Akhtar, V. Nangia¹
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

POLARIZATION POTENTIALS INHIBITING DETECTION OF VENTRICULAR FIBRILLATION

P.C. Voukydis, D.M. Farmer, K.E. Thomas
Harvard Medical School, Cambridge, MA, USA

CLINICAL OUTCOMES OF ICD IMPLANTATION IN DISTRICT HOSPITAL SETTING: COMPARISON OF PRIMARY AND SECONDARY PREVENTION

J.S. Shome, A. Tickle, B. Roomallah, A. Hailan, S. Green, L. Lovedale, **M. Asgari**, K. Kamalvand
William Harvey Hospital, East Kent NHS Trust, Ashford, UK

PROGNOSTIC IMPACT ON MORTALITY OF MALIGNANT VENTRICULAR TACHYARRHYTHMIA WITHIN 48 HOURS OF ACUTE MYOCARDIAL INFARCTION IN THE SETTING OF INDIVIDUALLY OPTIMIZED THERAPY: THE CAMI MULTICENTER REGISTRY

K. Seidl, T. Becker
Klinikum Ingolstadt, Med. Klinik IV, Ingolstadt, Germany



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ERRONEOUS AUTOMATED IMPEDANCE MEASUREMENTS BY ST JUDE
ANTHEM RF 3210

M. Shaaraoui, V. Levin, Lehigh Valley Hospital, Allentown, PA, USA

SELECTIVE SEROTONIN REUPTAKE INHIBITOR SAFETY IN PATIENTS WITH
IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS

A. Kundra, A. Elkhartbotly, **M. Fatima**, M. Torosoff
Albany Medical Center, Albany, NY, USA

THE POTENTIAL USE OF ATRIAL ELECTROGRAM MORPHOLOGY AS A
SUPRAVENTRICULAR TACHYCARDIA DISCRIMINATOR

J. Kim, W. Sauer, **S. Desai** M. Magday, E. Altman, R. Jadonath, S. Beldner
North Shore University Hospital, Manhasset, NY, USA

CORONARY SINUS PACING AS AN ALTERNATIVE TO RV PACING IN A
PATIENT WITH PERSISTENT LEFT SVC AND ABSENT RIGHT SVC

G. Baljepally, R. Baljepally, J. Hirsh
University of Tennessee Medical Center, Knoxville, TX, USA



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14:00 – 16:30

Hall A

PL:03 Plenary Session
NEW MANAGEMENT STRATEGIES FOR CARDIAC ARRHYTHMIAS

- 14:00 TOWARD MORE OPTIMAL USE OF PRIMARY PREVENTION IMPLANTABLE
CARDIOVERTER DEFIBRILLATORS (Invited Lecture)
S.M. Al-Khatib, Duke Clinical Research Institute, Durham, NC, USA
- 14:15 PACING IN THE MAGNETIC RESONANCE IMAGING ENVIRONMENT: CLINICAL
AND TECHNICAL CONSIDERATIONS ON COMPATIBILITY
(Invited Lecture)
F. Duru, University Hospital of Zurich, Switzerland
- 14:30 ABSENCE OF REMODELING BENEFIT OF LV-CRT OVER BIV-CRT IN
PATIENTS WITH HEART FAILURE AND WIDE QRS: INSIGHT FROM THE
EVALUATION OF RESYNCHRONIZATION THERAPY FOR HEART FAILURE
(EARTH) TRIAL (Invited Lecture)
A. Ducharme, Institut de Cardiologie de Montreal, Quebec, Canada
- 14:45 MODIFIED ALTERNATING CURRENT DEFIBRILLATION - A NEW HOME-
DEFIBRILLATION TECHNIQUE FOR SUDDEN DEATH (Invited Lecture)
A.T. Weiss, Hadassah University Hospital, Jerusalem, Israel
- 15:00 SHOULD ICD TESTING BE PERFORMED AT IMPLANT? (Invited Lecture)
A. Fischer, Mount Sinai Medical Center, New York, NY, USA
- 15:15 CONDUCTION DELAY IN THE RIGHT VENTRICLE AS A MARKER FOR RISK
STRATIFICATION IN BRUGADA SYNDROME (Invited Lecture)
M. Takagi, Osaka City University Graduate School of Medicine, Osaka, Japan
- 15:30 UPDATE ON MRI COMPATIBLE PACING: WHO IS IT RIGHT FOR, AND WHO'S
LEFT OUT? (Invited Lecture)
J. R. Gimbel, Parkwest Hospital, Knoxville, TN, USA
- 15:45 IS ELECTROPHYSIOLOGIC STUDY MANDATORY TO INDICATE PERMANENT
PACING FOR PATIENTS WITH SYNCOPE, BIFASCICULAR BLOCK AND NO
SIGNIFICATIVE STRUCTURAL HEART DISEASE? (Invited Lecture)
M. Álvarez, Hospital Universitario Virgen de las Nieves, Granada, Spain
- 16:00 MORTALITY BENEFITS OF CRT- DO PATIENTS WITH ISCHEMIC AND NON-
ISCHEMIC CARDIOMYOPATHY DIFFER?
P. Dominic Swaminathan, A. Purohit, B. Olshansky
Division of Cardiology, Dept of Internal Medicine, University of Iowa Hospitals &
Clinics, Iowa City, IA, USA
- 16:15 REPOLARIZATION ALTERNANS AND TORSADES DE POINTES IN THE
ABSENCE OF ISCHEMIA: AN UNUSUAL PHENOMENON
M. Rahman, A. Bhatia, R. Cooley, J. Sra, M. Akhtar, V. Nangia
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers,
University of Wisconsin School of Medicine & Public Health, Milwaukee, WI, USA



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Hall B

PL:04 Plenary Session
ATHEROSCLEROSIS IMAGING IN PRIMARY DETECTION AND PREVENTION
OF CORONARY EVENTS

- 14:00 DETECTION OF MYOCARDIAL VIABILITY: MYOCARDIAL CONTRAST
ECHOCARDIOGRAPHY (Invited Lecture)
R. Senior, Royal Brompton Hospital, London, UK
- 14:15 CLINICAL ROLE OF ATHEROSCLEROSIS IMAGING IN PREDICTING
CHD EVENTS (Invited Lecture)
D.S. Berman, Cedars Sinai Medical Center, Los Angeles, CA, USA
- 14:30 IMAGING SUBCLINICAL ATHEROSCLEROSIS (Invited Lecture)
J.M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA
- 14:45 IMAGING FOR PREVENTION: WHAT IS THE ROLE IN CARDIOVASCULAR
RISK ASSESSMENT? (Invited Lecture)
N.D. Wong, University of California, Irvine, CA, USA
- 15:00 CORONARY ARTERY CALCIUM SCORING TO STRATIFY CHEST PAIN
PATIENTS PRESENTING TO THE EMERGENCY DEPARTMENT
(Invited Lecture)
J.J. Mahmarian, Methodist DeBakey Heart & Vascular Center,
The Methodist Hospital, Houston, TX, USA
- 15:15 HYDROGEN SULFIDE, A GASEOUS BIOLOGICAL MEDIATOR WITH
CARDIOPROTECTIVE EFFECTS (Invited Lecture)
C. Szabo, University of Texas Medical Branch, Galveston, TX, USA
- 15:30 PROGNOSTIC VALUE OF NEGATIVE ADENOSINE CARDIAC MAGNETIC
RESONANCE MYOCARDIAL PERFUSION IMAGING IN PATIENTS WITH ACUTE
CHEST PAIN
R.R. Macwar, G. Yost, A. Marwaha, J. Sartorius, J. Shirani
Geisinger Medical Center, Danville, PA, USA
- 15:45 PREVALENCE AND SIGNIFICANCE OF ELECTROCARDIOGRAPHIC CHANGES
WITH REGADENOSON-BASED MYOCARDIAL PERFUSION IMAGING STRESS
TESTS
M. Zahid, C.E. Eagan, D.A. Yurko, E.D. Miller, C.D. Missendra
University of Pittsburgh, and ExcelsiorHealth System, Greensburg, PA, USA
- 16:00 MYOCARDIAL PERFUSION IMAGING IN PRE-OPERATIVE RISK
ASSESSMENT OF CANCER PATIENTS UNDERGOING NON-CARDIAC
SURGERY
N. Sthalekar, S. Chandra, A.T. Tong, S.W. Yusuf, W. Wei, D.J. Lenihan,
P. Diamond, C. Hanis, Sparrow Hospital, East Lansing, MI and Michigan State
University, East Lansing, MI, USA



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14:00 – 16:45

Hall C

S23

Session

**NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF
CARDIOMYOPATHIES**

- 14:00 IN THE SETTING OF LVH WITH HYPERTROPHIC CARDIOMYOPATHY SHOULD WE EXPECT TO SEE RVH? A CARDIOVASCULAR MRI STUDY
R.W. Biederman, S.B. Grant, J.A. Yamrozik, R.B. Williams, M. Doyle
Allegheny General Hospital, Pittsburgh, PA, USA
- 14:15 THERAPEUTIC EFFECTS OF MAPK INHIBITORS ON DILATED CARDIOMYOPATHY IN LMNA N195K MICE
T. Tsubouchi, S. Amina, G. Song, R.C. Balijepalli, T.A. Hacker, M.R. Wolff
University of Wisconsin-Madison, Madison, WI, USA
- 14:30 DETERIORATED HEART FUNCTION AFTER MYOCARDIAL INFARCTION IN GHRELIN KNOCKOUT MICE
Y. Mao, T. Tokudome, K. Otani, I. Kishimoto, K. Kangawa
National Cerebral and Cardiovascular Center, Osaka, Japan
- 14:45 CORONARY ARTERY DISEASE AND TAKOTSUBO CARDIOMYOPATHY: CULPRIT OR INNOCENT BYSTANDER?
G.A. Delgado, A.G. Truesdell, R.M. Kirchner, R.W. Zuzek, E.V. Pomerantsev, P.C. Gordon, R.A. Regnante, Warren Alpert Medical School of Brown University, Providence, RI, USA
- 15:00 RELATIONSHIP OF SERUM ASYMMETRIC ARGININE LEVEL, LEFT VENTRICULAR HYPERTROPHY AND FUNCTION IN PATIENTS ON CHRONIC HEMODIALYSIS
M.A. Bhariya, **O.A. Rifaie**, G.M. Abolazaim, Y.M. ElShahawy
AinShams University, Cairo, Egypt
- 15:15 ELECTROCARDIOGRAM IN THE ASSESSMENT OF LEFT ATRIAL ENLARGEMENT AND LEFT VENTRICULAR HYPERTROPHY: COMPARISON WITH TWO-DIMENSIONAL ECHOCARDIOGRAM AND CARDIAC MAGNETIC RESONANCE IMAGING
S. Kumar, R.S. Marfatia, M. Rai, R. Feinn, E. Kaloudis, C. Yang, E. Avelar
University of Connecticut Health Center, Farmington, CT, USA
- 15:30 VERAPAMIL AMELIORATES SEPTIC CARDIOMYOPATHY INDUCED BY CECAL LIGATION AND PUNCTURE IN MICE
M.R.N. Celes, C.M. Prado, E.C. Campos, L.M. Malvestio, V. Blefari, F.Q. Cunha, H.B. Tanowitz, **M.A. Rossi**
Faculty of Medicine of Ribeirao Preto, USP, Brazil
- 15:45 PATTERN AND SIGNIFICANCE OF DISTRIBUTION OF LEFT VENTRICULAR HYPERTROPHY IN HYPERTROPHIC CARDIOMYOPATHY: COMPARISON BETWEEN ECHOCARDIOGRAPHY AND CARDIAC MAGNETIC RESONANCE IMAGING
P.F. Pollice, P.P. Pollice, B.L. Leclercq, Private Clinic, Andria, BT, Italy



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- 16:00 SUPPRESSION OF LEFT VENTRICULAR HYPERTROPHY BY PHOSPHODIESTERASE - 5 INHIBITORS: THE ROLE OF CALCINEURIN AND P38 MAPK
S.Y. Khatib, A. Zeidan
Department of Physiology, Faculty of Medicine, Jordan University of Science & Technology, Irbid, Jordan
- 16:15 CLINICAL AND ECHOCARDIOGRAPHIC PROFILE AND OUTCOMES OF PERIPARTUM CARDIOMYOPATHY: THE PGH EXPERIENCE
V.I. Samonte, Q.G. Ngalob, G.D. Mata, F.B. Punzalan, E.B. Reyes
UP-Philippine General Hospital, Manila, Philippines
- 16:30 RIGHT VENTRICULAR IMPAIRMENT IN PECTUS EXCAVATUM BY 2D-ECHOCARDIOGRAPHY: A RED HERRING?
R.L. Narayan, P. Vaishnava, J. Sanz, V. Fuster
The Zena and Michael A. Wiener Cardiovascular Institute, Mount Sinai School of Medicine, New York, NY, USA

14:00 – 16:30

Hall D

S24

Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH

- 14:00 ISCHEMIA-REPERFUSION INJURY IS A STRONGER TIME-DEPENDENT STIMULATOR OF CARDIAC PROGENITORS THAN PERMANENT MYOCARDIAL INFARCTION AND PREGNANCY
R. Genead, H. Fischer, A. Hussain, M. Jaksch, A. Franco-Cereceda, E. Elsheikh, M. Corbascio, C.I.E. Smith, C. Sylven, K.H. Grinnemo
Karolinska Institutet, Stockholm, Sweden
- 14:15 INHIBITION OF MITOCHONDRIAL OXIDATIVE STRESS PREVENTS ANGIOTENSIN II MEDIATED ARRHYTHMIC DEATH
A.A. Sovari, S. Iravanian, L. Gu, D. Mitchell, E. Jeong, M.G. Bonini,
S.C. Dudley, Jr.
University of Illinois, Chicago, IL, Emory University, Atlanta, GA, USA
- 14:30 THE CORONARY ARTERY DISEASE CAUSING MUTATION IN LDL RECEPTOR RELATED PROTEIN 6 (LRP6) IMPAIRS ITS ANTIPROLIFERATIVE EFFECT
A.R. Keramati, R. Singh, A. Lin, S. Faramarzi, Z. Ye, S. Mane, G. Tellides, R.P. Lifton, A. Mani
Yale University School of Medicine, New Haven, CT, USA
- 14:45 PLASMIN-ACTIVATED DENDRITIC CELLS PRODUCE IL-12 AND PROMOTE A TYPE 1 RESPONSE IN T HELPER CELLS
T. Syrovets, X. Li, F. Genze, T. Simmet
Ulm University Medical Center, Ulm, Germany
- 15:00 SINGLE CHANNEL BEHAVIOUR OF LKS AND LQT1 MUTATIONS IN THE S3 HELIX OF KCNQ1
D. Werry, Z. Wang, J. Eldstrom, N. Wong, **D. Fedida**
University of British Columbia, Vancouver, BC, Canada



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- 15:15 SUBCELLULAR BASIS OF VITAMIN C PROTECTION AGAINST DOXORUBICIN INDUCED CHANGES IN CARDIOMYOCYTES
A. Ludke, A.K. Sharma, A.K. Bagchi, A. Bajaj, P.K. Singal
Institute of Cardiovascular Sciences, St Boniface Hospital Research Centre,
Department of Physiology, Faculty of Medicine, University of Manitoba,
Winnipeg, Canada
- 15:30 REGULATION OF PTEN IN RESPONSE TO HYPOXIA
Y. Ye, J. Qian, A.C. Castillo, J.R. Pere-Polo, **Y. Birnbaum**
University of Texas Medical Branch, TX, USA
- 15:45 IS LATE ONSET OF CORONARY ARTERY DISEASE IN NORTH INDIANS ASSOCIATED WITH 3'APOB-VNTR POLYMORPHISM?
H. Rai, N. Singh, S. Kumar, A. Kapoor, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India
- 16:00 LACK OF ASSOCIATION BETWEEN GLU298ASP POLYMORPHISM AND CORONARY ARTERY DISEASE IN NORTH INDIANS
H. Rai, S. Kumar, S. Mastana, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, India
- 16:15 THE ROLE OF K⁺ CHANNELS IN THE REGULATION OF EXCITABILITY AND CONTRACTILITY OF RAT PULMONARY AND MESENTERIC ARTERIES
M.M. Rahman, M.I. Harhun, A.J. McNeish, V.S. Telezkin, S.V. Smirnov
University of Bath, Bath, UK



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Hall A

PL:05

Plenary Session

GENES, GENETICS AND GENOMICS - FRIENDS AND FOES

- 16:45 CLINICAL APPLICATION OF GENETIC AND MOLECULAR MEDICINE IN ACUTE CORONARY SYNDROME (Invited Lecture)
L.C. Becker, Johns Hopkins University School of Medicine, Baltimore, MD, USA
- 17:00 NPR1 GENE PROVIDES THE PROTECTIVE MECHANISMS IN CARDIOVASCULAR EVENTS (Invited Lecture)
K.N. Pandey, Tulane University School of Medicine, New Orleans, LA, USA
- 17:15 GENETICS OF CAD - WHERE DO WE STAND? (Invited Lecture)
M.P. Reilly, University of Pennsylvania Medical Center, Philadelphia, PA, USA
- 17:30 ECONOMIC ANALYSIS OF THE FAILING HUMAN HEART (Invited Lecture)
J.L. Hall, Heart Institute University of Minnesota, MN, USA
- 17:45 MICRORNA-1 INHIBITS MYOCARDIN-INDUCED CONTRACTILITY OF HUMAN VASCULAR SMOOTH MUSCLE CELLS (Invited Lecture)
X.-L. Zheng, The University of Calgary, Calgary, AB, Canada
- 18:00 FUTURE MEDICINE, SYSTEM BIOLOGY, AND MICROCIRCULATION (Invited Lecture)
M. Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
- 18:15 REGULATION OF THE INDEPENDENT CARDIOVASCULAR RISK FACTOR ADMA: LESSON FROM MULTIPLE DDAH1 GENE DEFICIENT MOUSE STRAINS (Invited Lecture)
Y. Chen, University of Minnesota, Minneapolis, MN, USA
- 18:30 HYPOXIA-INDUCED INHIBITION OF ANGIOGENESIS - THE ROLE OF RGC-32 (Invited Lecture)
J. Li, BIDMC/ Harvard Medical School, Boston, MA, USA
- 18:45 PI3K SIGNALING AND HEART DISEASE (Invited Lecture)
G.Y. Oudit, University of Alberta, Edmonton, Canada
- 19:00 ROLE OF CCR5 GENE POLYMORPHISM IN CORONARY ARTERY DISEASE AMONG NORTH INDIANS
H. Rai, N. Singh, S. Kumar, A. Kapoor, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India
- 19:15 IL-1 BETA -511 C/T POLYMORPHISM AS A RISK FACTOR FOR CORONARY ARTERY DISEASE IN NORTH INDIAN POPULATION
H. Rai, S. Kumar, S. Agrawal, N. Sinha, Sanjay Gandhi PGIMS, Lucknow, UP, India



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Hall B

- PL:06 Plenary Session**
REVASCULARIZATION IN HIGH-RISK POPULATIONS / ENDOVASCULAR INTERVENTIONS
- 16:45 NEW TREATMENT OPTIONS FOR TREATING PATIENTS WITH STABLE ANGINA (Invited Lecture)
U. Thadani, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA
- 17:00 ROBOTIC PCI: EARLY EXPERIENCE USING THE CORPATH, REMOTE DELIVERY SYSTEM (Invited Lecture)
G.W. Vetrovec, Virginia Commonwealth University, Richmond, VA, USA
- 17:15 CURRENT STATUS OF PERCUTANEOUS TREATMENT OF LEFT MAIN DISEASE (Invited Lecture)
B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 17:30 THE CREST STUDY: UNEXPECTED LESSONS ON STROKE PREVENTION AND LARGE CLINICAL TRIALS (Invited Lecture)
J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 17:45 REMOVAL OF IODINE CONTRAST FROM CORONARY SINUS FOR PREVENTION OF CONTRAST INDUCED NEPHROPATHY (Invited Lecture)
M-R. Movahed, University of Arizona Sarver Heart Center, AZ, USA
- 18:00 BLEEDING AND ISCHEMIA AFTER PCI - MORE CONNECTED THAN YOU THINK (Invited Lecture)
S.J. Brener, Cardiac Catheterization Laboratory NY Methodist Hospital, Brooklyn, NY, USA
- 18:15 PROGNOSTIC IMPACT OF CTO IN PATIENTS WITH REFRACTORY ANGINA (Invited Lecture)
G. Barsness, Mayo Clinic, Rochester, MN, USA
- 18:30 ENDOVASCULAR TREATMENT OF PERIPHERAL ARTERIAL DISEASE (Invited Lecture)
S. Banerjee, VA North Texas Healthcare System, Dallas, TX, USA



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16:45 – 19:45

Hall C

S25

Session

SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL

16:45 DIETARY NITRATE, VIA BIOACTIVATION TO NITRITE, LOWERS BLOOD PRESSURE IN ESSENTIAL HYPERTENSION
V. Kapil, A.B. Milsom, V. Pearl, S. Maleki-Toyserkani, M. Yousuf, R. MacAllister, N. Benjamin, A.J. Webb, A.J. Hobbs, **A. Ahluwalia**
Barts & The London Medical School, London, UK

17:00 PULMONARY ARTERIAL HYPERTENSION: CHANGES IN SURVIVAL OVER TIME
C.M. Larsen, R.J. Le, R.P. Frantz, M.D. McGoon, G.C. Kane
Mayo Clinic, Rochester, MN, USA

17:15 DISCORDANT IDENTIFICATION OF MASKED HYPERTENSION BASED ON DAYTIME OR NIGHTTIME PRESSURE IN CHRONIC KIDNEY DISEASE
R.C. Hermida, A. Otero, L. Piñeiro, D.E. Ayala, A. Moya, E. Sineiro, M.J. Fontao, A. Mojón, J.R. Fernández, for the Hygia Project Investigators
Bioengineering & Chronobiology Labs., Univ. Vigo, Vigo, Spain

17:30 NEBIVOLOL AND ATENOLOL HAVE DISTINCT EFFECTS ON HYPERTENSION-INDUCED ALTERATIONS IN MICR-RNA LEVELS IN THE AORTA
Y. Birnbaum, J. Qian, J.R. Perez-Polo, Y. Ye
University of Texas Medical Branch, Galveston, TX, USA

17:45 NATRIURETIC PEPTIDES PREVENT THE PULMONARY HYPERTENSION & RIGHT VENTRICULAR HYPERTROPHY ASSOCIATED WITH PULMONARY FIBROSIS
R.S. Baliga, C.J. Scotton, S.L. Trinder, R.C. Chambers, R.J. MacAllister, **A.J. Hobbs**, University College London, UK

18:00 ENDOTHELIAL DYSFUNCTION IN HYPERTENSIVE PATIENTS WITH AND WITHOUT CAROTID ARTERY ATHEROSCLEROSIS
A. Rekhviashvili, O. Samuel, N. Papapietro
Beth Israel Medical Center, Albert Einstein College of Medicine, New York, NY, USA

18:15 EFFECTS ON AMBULATORY BLOOD PRESSURE OF ADDING ASPIRIN AT BEDTIME IN TREATED HYPERTENSIVE SUBJECTS
D.E. Ayala, **R.C. Hermida**
Bioengineering & Chronobiology Labs., University of Vigo, Vigo, Spain

18:30 LEFT VENTRICULAR MASS CORRELATES WITH ABNORMAL PEAK FILLING RATE BY CARDIAC MAGNETIC RESONANCE IMAGING IN HYPERTENSIVE PATIENTS WITH NORMAL ECHOCARDIOGRAPHIC DIASTOLIC PARAMETERS
R.S. Marfatia, S. Kumar, M. Rai, R. Feinn, E. Kaloudis, C. Yang, E. Avelar
University of Connecticut Health Center, Farmington, CT, USA



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SUNDAY, JULY 24, 2011

- 18:45 PULMONARY HYPERTENSION REMAINS A DEADLY DISEASE: INSIGHTS FROM THE ARADALE ECHO STUDY
G.A. Strange, D.A. Playford, S. Stewart, A. Kent, J.A. Deague, E. Gabbay
Monash University, Melbourne, Victoria, Australia
- 19:00 AUTONOMIC IMBALANCE AND CIRCADIAN DISRUPTION IN RESISTANT HYPERTENSIVE PATIENTS WITH OBESITY AND TYPE 2 DIABETES
L. Boer-Martins, V.N. Figueiredo, C. Demacq, L.C. Martins, F. Consolin-Colombo, M.J. Figueiredo, F.P.S. Cannavan, **H. Moreno Jr**
Faculty of Medical Sciences and Clinic Hospital, State University of Campinas (UNICAMP), Campinas, Sao Paulo, Brazil
- 19:15 ALISKIREN ALONE OR IN COMBINATION WITH HYDROCHLOROTHIAZIDE IN PATIENTS WITH THE LOWER RANGES OF STAGE 2 HYPERTENSION: THE ACQUIRE RANDOMIZED, DOUBLE-BLIND STUDY
H.R. Black, **F.A. Aguirre Palacios**, M. Bijarnia, A.K. Laflamme, F. Baschiera
Hospital Militar de Guayaquil HD-II-DE "Libertad", Guayaquil, Guayas, Ecuador
- 19:30 THE INFLUENCE OF METEOROLOGICAL PARAMETERS ON THE OCCURENCE OF HYPERTENSIVE URGENCY AND EMERGENCY
C. Koppe, J. Ghafoor, S. Springer, D. Arndt, H. Schilling, A. Muegge, **J. Boergel**, Katharinen Hospital, Unna, Germany

13:30 – 18:30

Poster Hall

P301 INTERVENTIONAL CARDIOLOGY I

ONE-YEAR OUTCOMES OF TRANSRADIAL VERSUS TRANSFEMORAL INTERVENTION IN ACUTE MYOCARDIAL INFARCTION

K.S. Cha, H.W. Lee, M.J. Yang, B.W. Kim, J.H. Choi, J.H. Oh, J.H. Choi, H.C. Lee, T.J. Hong, M.H. Jeong
National University Hospital, Busan, Korea

CLINICAL OUTCOME, PROCEDURAL SUCCESS AND COMPLICATIONS OF OCTOGENARIANS UNDERGOING CORONARY INTERVENTIONS

H.R. Pourhoseini, **M. Mousavi**, M. Salarifar, AM. Hajzeinali, S.E. Kassaian, M. Alidoosti, E. Nematipour, K. Hoseini

Tehran Heart Center Hospital, Tehran University of Medical Sciences, Tehran, Iran

LONG-TERM OUTCOMES OF CORONARY ARTERY STENTING IN OCTOGENARIANS WITH CHRONIC KIDNEY DISEASE

D.V. Bhatt, F. Saeed, M.U. Saqlain, S. Arora, M.D. Gibb, S.S. Mehta
University of Illinois College of Medicine, Urbana, IL, USA



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A RANDOMIZED COMPARISON OF THE EFFICACY AND SAFETY OF ZOTAROLIMUS-ELUTING STENTS VERSUS SIROLIMUS-ELUTING STENTS FOR PERCUTANEOUS CORONARY INTERVENTION IN CHRONIC TOTAL OCCLUSIONS

H.Y. Kim, H.J. Park, Y.S. Choi, D.B. Kim, S.H. Her, J.M. Lee, W.S. Chung, K.B. Seung
The Catholic University of Korea, Bucheon, South Korea

HALF A DECADE OF PRIMARY PERCUTANEOUS INTERVENTION IN THE ELDERLY FROM A SINGLE CENTRE: ARE WE THERE YET?

V. Sharma, M. Srinivasan, D. Swamydass, D. Smith
Morrison Hospital Cardiac Centre, Swansea, UK

COMPLICATIONS OF THE SZABO TECHNIQUE: CAN WE AVOID IT?

R.M. Valdesuso, F.J. Lacunza, J.R. Gimeno, J. Garcia, J. Hurtado, E. Pinar, M. Valdes
Hospital Universitario Virgen de la Arrixaca, Murcia, Spain

SAFETY AND FEASIBILITY OF SZABO TECHNIQUE IN PERCUTANEOUS CORONARY INTERVENTION OF OSTIAL LESIONS

S.L. Yang, H.L. Liu, Y. Liu, J. Zhang, J.H. Shen, Z.G. Jin, T. Fu
The General Hospital of Chinese People's Armed Police Forces, Beijing, China

CLINICAL OUTCOMES AFTER HYBRID USE OF BARE METAL AND DRUG-ELUTING STENTS IN PATIENTS WITH MULTI VESSEL CORONARY ARTERY DISEASE

A. Ramirez Moreno, J.R. Siles Rubio, C. Pera Rojas, J. Munoz Bellido, L. Inigo Garcia, **T. Jimenez Gil**, C. Medina Palomo, L. Fernandez Lopez, F.J. Martinez Garcia
Hospiten, Estepona, Spain

A RETROSPECTIVE STUDY ON TRANSRADIAL VERSUS TRANSFEMORAL APPROACH FOR CORONARY ANGIOGRAPHY AND INTERVENTION AT A TERTIARY HOSPITAL IN THE PHILIPPINES

G.R.T. Mercadal, J.A. Prado, R.E. Ramboyong
The Medical City, Pasig City, Philippines

P302 PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE / ISCHEMIC STROKE

OUR EXPERIENCE OF TREATMENT OF OCCLUSIVE DISEASES OF LOWER LIMB USING AUTOLOGOUS STEM CELLS

A. Gaibov, U. Kurbanov, B. Karimzade, T. Gulmuradov, M. Khidirov, S. Muminjonov, A. Didory, J. Irgasheva, M. Rakhmatov, M. Mirshahi
Avicenna Tajik State Medical University, Dushanbe, Tajikistan

IMPACT OF EXTRACARDIAC VASCULAR DISEASE ON LONG-TERM MORTALITY IN OLDER PATIENTS WITH NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION (NSTEMI)

S. Subherwal, M.R. Patel, S. Li, D.L. Bhatt, T.Y. Wang, K.P. Alexander, E.M. Ohman, W.B. Gibler, E.D. Peterson, M.T. Roe
Duke University, Durham, NC, USA



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IS AORTIC SCLEROSIS ASSOCIATED WITH ARTERIAL STIFFNESS OR CAROTID ARTERIOSCLEROSIS?

T. Kon, T. Hirohashi, T. Kurosu, K. Sasaki, T. Tabata, T. Ogawa, T. Tomaru
Toho University Medical Center Sakura Hospital, Japan

DIAGNOSTIC ACCURACY OF BRAIN NATRIURETIC PEPTIDE IN DISTINGUISHING CARDIOEMBOLIC ISCHEMIC STROKE FROM OTHER SUBTYPES

L. Kashani Amin, S. Haj Sadeghi, H. Bakhshandeh, A. Azizian, M. Rohani
Tehran University of Medical Sciences, Tehran, Iran

EFFICACY AND SAFETY OF PROTECTED ENDOVASCULAR TREATMENT IN HIGH RISK PATIENTS WITH SEVERE CAROTID STENOSIS (EARLY AND LONG TERM FOLLOW-UP)

M. Ghasemi, B. Heidari-Aghdam, A. Kaboli, R. Abulfazli, S. Hashemi-Fesharaki
Research Center of Endovascular Intervention, Tehran, Iran

CLINICAL OUTCOMES IN PATIENTS WITH CVA AND TYPE 2 MYOCARDIAL INFARCTION

H. Khawaja, A. Shah, M. Fatima, A. Makarian, M. Torosoff
Albany Medical College, NY, USA

P506 **LIPID, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA**

ISOLATED LOW HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN INDIANS: A COMPARATIVE DRUG TRIAL

S. Kumar, H. Rai, S. Tewari, A. Kapoor, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, Sahara Hospital, Lucknow, UP, India

ARRAY-BASED RESEQUENCING FOR MUTATIONS CAUSING FAMILIAL HYPERCHOLESTEROLEMIA

M.J. Charng, K.R. Chiou
Taipei Veterans General Hospital, Taipei, Taiwan

ASSOCIATION BETWEEN CORONARY LOCAL OXIDIZED LDL LEVELS AND SMOKING IN PATIENTS WITH CORONARY HEART DISEASE IN CHINESE MEN

D. Hongmei, H. Lan, S. Yao, Z. Gang
Xinqiao Hospital, Third Military Medical University, Chongqing, China

TOTAL PLASMA ANTIOXIDANT CAPACITY IN LDL RECEPTOR NULL MICE FOLLOWING ORAL ADMINISTRATION OF HDL MIMETIC PEPTIDES BACKGROUND

L. Vakili, G. Vakili, M. Haghnegahdar, S. Vazirian, S. Safarpour, S. Hama, G. Hough, UCLA, Los Angeles, CA, USA

OXIDIZED LDL AUTOANTIBODIES IN ACUTE MYOCARDIAL INFARCTION PATIENT AFTER PRIMARY BALLOON ANGIOPLASTY

C.S. Huang, C.H. Huang, C.L. Kuo, C.S. Liu
Vascular and Genomic Center, Changhua Christian Hospital, Changhua, Taiwan



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CAN LDL-APHERESIS ALTER KINETIC PARAMETERS OF LDL METABOLISM?
A CASE STUDY

T. Dabous

The University of Kansas Medical Center, Kansas City, KS, USA

INFLAMMATORY PROPERTIES OF LDL AND HDL FROM PATIENTS WITH
CHRONIC RENAL DISEASE CAN BE IMPROVED BY HDL MIMETIC PEPTIDES

M. Shabihkhani, L. Vakili, S. Safarpour, S. Vazirian, M. Haghnegahdar,
S.Y. Hama, G.P. Hough

Geffen School of Medicine, University of California, Los Angeles, CA, USA

LIPID-RELATED RESIDUAL RISK FOR OCCURRENCE AND SURVIVAL AMONG
PATIENTS WITH FIRST-EVENT ACUTE CORONARY SYNDROME AND
NORMAL LDL CHOLESTEROL

K.L. Chien, H.J. Lin, H.C. Hsu, F.T. Chiang, M.F. Chen

National Taiwan University, Taipei, Taiwan

DEPRIVATION AND SERUM LIPIDS IN PEOPLE ATTENDING PRIVATE
MEDICAL SCREENING: A RETROSPECTIVE ANALYSIS

L. Guo, A. Ogunleye, G. Sandercock, D. Brodie

Buckinghamshire New University, Uxbridge, Middlesex, UK

EFFECTS OF PITAVASTATIN ON HIGH DENSITY LIPOPROTEIN
CHOLESTEROL, OTHER LIPOPROTEIN PROFILES AND CHOLESTEROL
ESTER TRANSFER PROTEIN IN PATIENTS WITH METABOLIC SYNDROME

S.H. Kim, H.L. Lee, M.G. Seo, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim,
H.S. Kim

Boramae Medical Center, Seoul, Korea

P206 CAD: SECONDARY PREVENTION, CARDIAC REHAB

PREOPERATIVE STATIN TREATMENT IN CARDIAC SURGERY IS MORE
EFFECTIVE IN PATIENTS WITH PREVIOUSLY ACTIVATION OF THE
INFLAMMATORY SYSTEM

J. Martinez-Comendador, **J. Rubio Alvarez**, J. Sierra, E. Teijeira, B. Adrio
University Hospital, Santiago de Compostela, Spain

THE EFFECT OF LIFESTYLE CHANGES ON FUNCTIONAL CAPACITY:
CARDIOPULMONARY EXERCISE TESTING OF PATIENTS TREATED BY
PRIMARY PERCUTANEOUS CORONARY INTERVENTIONS

I.P. Nedeljkovic, M.C. Ostojic, S. Mazic, V. Giga, D. Trifunovic, M. Banovic,
A. Djordjevic-Dikic, J. Stepanovic, B. Beleslin, M. Nedeljkovic

Division of Cardiology, Clinical Center of Serbia, Belgrade Medical School,
Belgrade, Serbia

OMEGA-3 DIET OR PROBIOTICS ADDITION IS BENEFICIAL TO REDUCE
DEPRESSION AFTER MYOCARDIAL INFARCTION

K. Gilbert, J.A-Breard, F.F. Monaco, A. Beaudoin, R. Godbout,
G. Rousseau

Centre de Biomedicine, Montreal's Sacre-Coeur Hospital, Montreal, QC, Canada



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EFFICACY AND SAFETY OF NEBIVOLOL IN PATIENTS WITH CHRONIC STABLE ANGINA IN COMPARISON TO METOPROLOL

S. Kumar, H. Rai, A. Kapoor, S. Tewari, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India

SEXUAL COUNSELING SERVICE FOR CARDIAC PATIENTS

K.K. Wong, K.B. Lam, Y.Y. Ho, L. Li, K.W. Cheng, S.M. Wong, S.F. Yau
Cardiac Rehabilitation & Prevention Center, Tung Wah Hospital, Hong Kong

SPIRITUAL ACTIVATION CAN IMPROVE INFLAMMATORY REFLEX AND PARASYMPATHETIC TONE IN ELDERLY CARDIAC PATIENTS

A. Kurita, B. Takase, E. Kodani, Y. Kusama, H. Atarashi
National Defense Medical College, Saitama, Japan

HOME-BASED ARM CARDIAC REHABILITATION: A PILOT STUDY IN DISABLED VETERANS

A.K. Chan, L. Christianson, M.B. Jhavar, A. Mehra, K.B. Aggarwal, K.C. Dellsperger, **A. Chockalingam**
Harry S Truman Memorial Veterans' Hospital, University of Missouri, Columbia, MO, USA

FACTORS INFLUENCE LIFESTYLE RISK BEHAVIORS ASSOCIATED WITH CARDIOVASCULAR DISEASES AMONGST QATARI WOMEN

T.T. Donnelly, J.A. Suwaidi, N.R. Al Enazi, A.M. Albulushi, A.M. Rehman, K. Yassin, Z. Idris, A.H. Hassan
University of Calgary-Qatar, Hamad Medical Corporation, Doha, Qatar

EFFECTS OF A TELEMEDICINE PROGRAM ON CARDIAC RISK FACTORS IN PATIENTS AFTER ACUTE CORONARY SYNDROME

R.S. Tawil, V. Ortiz, M.L. Ruby, E.C. Marshall, S.C. Denardo, I.C. Doyle, J.R. Perez, R.S. Schofield, C.M. Schmalfluss
Malcom Randall VA Medical Center, University of Florida College of Medicine, Gainesville, FL, USA

WHICH PATIENTS WITH CARDIOVASCULAR DISEASE REFUSE TO PARTICIPATE OR WITHDRAW FROM AN EDUCATIONAL PREVENTION INTERVENTION

(PROJECT FUNDED BY FISCAM, WITH FILE NUMBER PI-2007/40)

L. Alajarin, G. Vega, V. Ruiz, C. Lazaro, M. Serrano, T. Ruiz
Complejo Hospitalario Universitario, Albacete, Albacete, Spain

CARDIAC REHABILITATION BASED ON VIRTUAL REALITY - PRELIMINARY STUDY

R. Medeiros, J. Leandro, **R. Traballi**, T. Lopes, C. Guerra, B. Muller
UNIP, Sao Apulo, Sao Aulo, HLP, MOGI Das Cruzes, Sao Paulo, Brazil



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P309 RHEUMATIC HEART DISEASE / INFECTIVE ENDOCARDITIS

INFECTIVE ENDOCARDITIS IN THE ADULT FILIPINO: A SIX YEAR REVIEW AT THE PHILIPPINE GENERAL HOSPITAL (2004-2009)

A.D.C. Javier, F.E. Punzalan, N.S. Abelardo, E.M. Salvana, K.D. Leyritana
Philippine General Hospital, Manila, Philippines

BACTERIOLOGICAL OUTCOME OF COMBINATION TREATMENT FOR STAPHYLOCOCCAL ENDOCARDITIS

F. Fayaz, H. Ghassemian, P. Pourmalek, F. Faridnia
Shaheed Beheshti University of Medical Sciences, Faculty of Medicine, Tehran, Iran

RHEUMATIC HEART DISEASE IS STILL A MAJOR KILLER IN DEVELOPING COUNTRIES: A STATISTICAL STUDY

S. Naureen, M. Shakeel, A. Nazir, S. Afshan
Punjab Institute of Cardiology, Lahore, Pakistan

INFECTIVE ENDOCARDITIS IN THE FILIPINO

A.D.C. Javier, F.E. Punzalan, K.D. Leyritana, E.M. Salvana
Section of Cardiology, Philippine General Hospital, Philippines

UNUSUAL CARDIAC MANIFESTATIONS IN A PATIENT WITH LISTERIA BACTEREMIA

P.C. Voukydis, K. Daniello, A. Fang, R. Spencer, S. Page, I. Belhau
Harvard Medical School, Cambridge, MA, USA

PRESENTATION OF RHEUMATIC HEART DISEASE IN A SPECIALIST CLINIC IN SUDAN

A. Karrar, R. Al-Khalifa, I. Ali
Dept. of Cardiology, Ahmed Gasim Hospital, Khartoum, Sudan

P211 QUALITY IMPROVEMENT AND OUTCOMES / PRACTICE GUIDELINES

COST EFFECTIVENESS OF TARGETED STATIN THERAPY FOLLOWING GENOTYPE TESTING AMONG ACUTE CORONARY SYNDROME PATIENTS

A.G. Parthan, **O.A. Iakoubova**, K.J. Leahy, A.K. O'Sullivan, L.A. Bare, J.J. Devlin, M.C. Weinstein
Celera Inc., Alameda, CA, USA

AN AUDIT OF CURRENT UK PRACTICE IN THE PREVENTION AND MANAGEMENT OF NEW ONSET POST-CABG ATRIAL FIBRILLATION

Y.A. Yigzaw, W.I. Awad
London Chest Hospital, London, UK

ECONOMIC IMPACT OF SAME DAY DISCHARGE AFTER ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

P. Muthusamy, D. Busman, D. Berndt, A. Beekman, D. Wohns
Spectrum Health, Grand Rapids, MI, USA

CLINICAL MANAGEMENT OF A HIGH RISK DIABETIC POPULATION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION

P.F. Pollice, P.P. Pollice, B.L. Leclercq
Private Clinic, Andria, BT, Italy



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CLINICAL PRACTICE AND WORKUP OF THE SYNCOPE PATIENT:
APPLICATION OF THE AHA/ACC GUIDELINES AND EVIDENCE BASED
PRACTICE TO CLINICAL MEDICINE: ARE WE PASSING THE GRADE?

F.A. Fakorede, B.A. Waldman, T.B. Cartwright, A.K. Patel, E.L. Iliadis
Division of Cardiology, Cooper University Hospital, Camden, NJ, USA

A TIME-INSENSITIVE MULTINOMIAL PREDICTIVE MODEL FOR DIAGNOSIS OF
ACUTE HEART FAILURE SYNDROME

J.P. Contreras, C.H. Schmid, J. Beshansky, H.P. Selker
Tufts University, Tufts Medical Center, Boston, USA

ACUTE CORONARY SYNDROME AND GUIDELINES-EDUCATION DOES NOT
NECESSARILY CHANGE PRACTICE

V. Sharma, S. Vijayan, P. Thomas
Morrison Hospital Cardiac Centre, Swansea, UK

A RELIABLE, CONFIRMATORY MARKER OF CLINICAL RESPONSE TO
AQUAPHERESIS THERAPY

D. Gajanana, M. Aradhya, S. Silparshetty, H. Polimera, E. Amedeo, P. Sugathan
St Luke's Hospital and Health Network, Bethlehem, PA, USA

DETERMINING LONG-TERM QUALITY OF LIFE IN PATIENTS WHO HAVE
SUFFERED AN ACUTE MYOCARDIAL INFARCTION (AMI)

T. Ruiz, M.A. Vega, S. Martinez, G. Vega
Complejo Hospitalario Universitario, Albacete, Spain

IS P WAVE DURATION ON 12-LEADS ECG USEFUL TO SELECT ISCHEMIC
STROKE PATIENTS FOR 24 HOURS AMBULATORY HOLTER MONITORING?

K. Chee, D. Coles, D. McGill
The Prince Charles Hospital, Brisbane, Queensland, Australia

UNCLAIMED ELECTROCARDIOGRAM REPORTS AT THE INPATIENT CHARITY
AREAS OF A TERTIARY HOSPITAL (THE ERICA STUDY)

J.D.A. Magno, M.O. Matulac, E.B. Reyes
Department of Medicine, UP-Philippine General Hospital, Manila, Philippines

SECURING FOLLOW-UP APPOINTMENTS FOR ACUTE CONGESTIVE HEART
FAILURE (CHF) PATIENTS TO PREVENT READMISSIONS

W. Htun, **O. Al-Awwad**, A. Saxena
Lutheran Medical Center, Brooklyn, NY, USA



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Hall A

- PL:07. Plenary Session**
ADVANCED DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY
- 08:30 ASSESSMENT OF CARDIAC IRON OVERLOAD BY MAGNETIC RESONANCE (Invited Lecture)
R. Krittayaphong, Siriraj Hospital, Mahidol University, Bangkok, Thailand
- 08:45 NEW OPTIONS IN NONINVASIVE ASSESSMENT OF LEFT VENTRICULAR TORSION (Invited Lecture)
J.N. Bella, Bronx -Lebanon Hospital Center, NY, USA
- 09:00 HEMODYNAMIC ASSESSMENT BY ECHOCARDIOGRAPHY (Invited Lecture)
S.F. Nagueh, Methodist DeBakey Heart Center, Houston, TX, USA
- 09:15 RECENT ADVANCES IN ECHOCARDIOGRAPHY (Invited Lecture)
N. Nanda, University of Alabama, Birmingham, AL, USA
- 09:30 THE ROLE OF TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN ACUTE AORTIC SYNDROMES (Invited Lecture)
E. Bossone, Cava de Tirreni & Amalfi Coast Hospital, Italy
- 09:45 X-RAY FUSED WITH MRI FOR DELIVERY OF STEM CELLS TO THE PERICARDIAL SAC (Invited Lecture)
D.L. Kraitichman, Johns Hopkins University School of Medicine, Baltimore, MD, USA
- 10:00 ADVANCE APPLICATIONS OF CARDIOVASCULAR MRI: FOCUS ON CONTRAST IMAGING OF THE MYOCARDIUM (Invited Lecture)
R.W. Biederman, Allegheny General Hospital, Pittsburgh, PA, USA
- 10:15 EMERGING NONINVASIVE METHODS FOR ASSESSMENT OF MYOCARDIAL VISCO ELASTICITY (Invited Lecture)
C. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA
- 10:30 ECHOCARDIOGRAPHY IN THE CATH LAB - A TEAM APPROACH TO PERCUTANEOUS VALVULAR INTERVENTIONS (Invited Lecture)
S.V. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA
- 10:45 STRESS ECHOCARDIOGRAPHY IN CLINICAL PRACTICE (Invited Lecture)
M. Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia
- 11:00 TWO-DIMENSIONAL INTRAVASCULAR NEAR-INFRARED FLUORESCENCE MOLECULAR IMAGING (Invited Lecture)
M.A. Calfon, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA



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Hall B

PL:08 Plenary Session
ATHEROSCLEROSIS: PATHOGENESIS AND NOVEL THERAPEUTIC TARGETS

- 08:30 THE PIVOTAL ROLE OF ENDOTHELIAL DYSFUNCTION IN CARDIOVASCULAR DISEASES - A NANOMEDICAL APPROACH (Invited Lecture)
T. Malinski, Ohio University, Athens, OH, USA
- 08:45 HEMODYNAMIC FORCES IN THE PATHOGENESIS OF ABDOMINAL AORTIC ANEURYSM (Invited Lecture)
S.D. Gertz, Hebrew University Hadassah Medical School, Jerusalem, Israel
- 09:00 ANGIOGENESIS IN ATHEROSCLEROSIS: MECHANISM, ROLE AND THERAPEUTIC IMPLICATION (Invited Lecture)
J.L. Mehta, Molecular Cardiology University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 09:15 MICRORNA IN THE REGULATION OF OXIDATIVE STRESS AND INFLAMMATION ASSOCIATED WITH CAD (Invited Lecture)
P. Holvoet, Katholieke Universiteit Leuven, Belgium
- 09:30 REGULATION OF CORONARY VASOMOTOR FUNCTION BY OXIDATIVE STRESS (Invited Lecture)
L. Kuo, Texas A&M Health Science Center, Temple, TX, USA
- 09:45 ASSOCIATIONS OF MODIFIED LDLs WITH ATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE IN PATIENTS WITH END-STAGE KIDNEY DISEASE (Invited Lecture)
A.G. Basnakian, University of Arkansas for Medical Sciences Department of Pharmacology & Toxicology, Little Rock, AR, USA
- 10:00 NOVEL ROLE OF IMMUNOGLOBULIN E IN ATHEROSCLEROSIS (Invited Lecture)
G-P. Shi, Brigham and Women's Hospital, Boston, MA, USA
- 10:15 INTERLEUCIN - 6: A STRONG PREDICTOR OF CORONARY ATHEROSCLEROSIS EXTENT AND SEVERITY (Invited Lecture)
S.N. Koulouris, Evangelismos Hospital, Athens, Greece
- 10:30 BLOCKADE OF THE RENIN-ANGIOTENSIN SYSTEM INHIBITS C-REACTIVE PROTEIN MEDIATED VASCULAR INJURY
A.J. Szalai, C. Pierce, W. Zhang, D. Xing, Y-F. Chen, M.A. McCrory, S. Oparil, F.G. Hage, University of Alabama at Birmingham, Birmingham, AL, USA
- 10:45 PLAQUE MORPHOLOGY OF ACUTE CORONARY SYNDROME ASSESSED BY OCT
T. Akasaka, T. Kubo, M. Mizukoshi, K. Hirata, H. Kitabata, Y. Ino, T. Tanimoto, K. Komukai, K. Ishibashi, T. Imanishi
Wakayama Medical University, Wakayama, Japan



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Hall C

S26

Session

NEW DIRECTIONS IN CARDIAC SURGERY

- 08:30 PERICARDIECTOMY VERSUS MEDICAL TREATMENT FOR THE MANAGEMENT OF RELAPSING PERICARDITIS
M.H. Khandaker; K.L. Greason, N.S. Anavekar; R.E. Espinosa; S.N. Hayes; R.A. Nishimura; H.V. Schaff; J.K. Oh
Mayo Clinic and Mayo Foundation, Rochester, MN, USA
- 08:45 IMPROVING CORONARY SURGERY FOR DIABETICS: ADDING A RADIAL ARTERY GRAFT INCREASES LONG TERM SURVIVAL
D.M. Hoffman, H. De Castro, K.R. Dimitrova, C.M. Geller, P. Friedmann, R.F. Tranbaugh, Beth Israel Medical Center, New York, NY, USA
- 09:00 IMPACT OF RENAL INJURY ON CLINICAL OUTCOMES FOLLOWING TRANSAPICAL AORTIC VALVE IMPLANTATION
J.M. Kim, J.L. Soon, A. Cheung, S.V. Lichtenstein, D. Wood, J.G. Webb, J. Ye
St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada
- 09:15 CORONARY ARTERY BYPASS SURGERY IN WOMEN: THE ROLE OF RADIAL ARTERY GRAFTING
K.R. Dimitrova, D.M. Hoffman, C.M. Geller, P. Friedmann, H. DeCastro, W. Ko, R.F. Tranbaugh, Beth Israel Medical Center, New York, NY, USA
- 09:30 RESULTS OF URGENT CABG AFTER CLOPIDOGREL LOADING DOSE IN ACUTE CORONARY SYNDROMES
G.B. Blossom, J. Lehoux, R. Soans, L. Shaffer, D.R. Watson
Riverside Methodist Hospital, Columbus, OH, USA
- 09:45 SUCCESSFUL TWELVE HOURS OF CARDIAC PRESERVATION WITH CUSTODIOL-N, A NOVEL ORGAN PROTECTION SOLUTION IN AN ORTHOTOPIC HEART TRANSPLANTATION MODEL
G. Szabo, G. Veres, T. Radovits, B. Schmack, A. Weymann, M. Karck, F. Horkay, I. Hartyanszky
Department of Cardiac Surgery, University of Heidelberg, Heidelberg, Germany
- 10:00 ROBOT-ASSISTED VASCULAR SURGERY TODAY
P. Stadler, L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic
- 10:15 WHICH IS BETTER: SKELETONIZED OR PEDICLED IMA-HARVESTING TECHNIQUES
A. Erkin, S. Sarikaya, A. Elibol, E. Aksoy, A. Ak, H. Sacli, M. Dedemoglu, I. Mataraci, **M. Sismanoglu**, K. Kirali, Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey



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- 10:30 QUALITY OF LIFE AND LONG TERM SURVIVAL OF HIGH RISK PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY WITH EJECTION FRACTION OF 25% OR LESS
A. Chirumamilla, M.F. Wilson, **H. Ashraf**
University of Albert Einstein College of Medicine, Montefiore Medical Center, New York, NY, USA
- 10:45 EVIDENCE FOR IMPROVEMENTS IN LV FUNCTION IMMEDIATELY FOLLOWING THE IMPLANTATION OF TANDEMHEART FOR REFRACTORY CARDIOGENIC SHOCK
M.W. Tempelhof, L. Klein, P.M. McCarthy, C.J. Davidson, N. Beohar
Northwestern University, Chicago, IL, USA
- 11:00 PREVALENCE AND DETERMINANTS OF ELECTRICAL ALTERNANS IN PATIENTS WITH CARDIAC TAMPONADE
A. Kumar, A. Broferrio, **J. Shirani**, Geisinger Medical Center, Danville, PA, USA
- 11:15 OUTCOMES OF AORTIC VALVE REPLACEMENT VIA RIGHT MINI-THORACOTOMY VS. MEDIAN STERNOTOMY AFTER PRIOR CARDIAC SURGERY
A.M. Pineda, O. Santana, J. Reyna, A. Sarria, G.A. Lamas, J. Lamelas
Mount Sinai Heart Institute, Miami Beach, FL, USA
- 11:30 INDUCTION IMMUNOSUPPRESSION WHEN DRIVELINE INFECTION IS THE INDICATION FOR CARDIAC TRANSPLANTATION
A.J. Voelkel, K.C. McCants, U. Sharma, M.L. Williams, S.D. Prabhu, E.J. Birks, M.S. Slaughter, University of Louisville, Louisville, KY, USA

08:30 – 11:30

Hall D

S27

Session

SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

- 08:30 ADHERENCE TO DRUGS THAT PREVENT CARDIOVASCULAR DISEASE: A META-ANALYSIS
H. Naderi, J.P. Bestwick, D.S. Wald
Queen Mary University of London, London, UK
- 08:45 CAROTID PLAQUE THICKNESS IS SUPERIOR TO CAROTID INTIMA-MEDIA THICKNESS IN PREDICTING CORONARY ARTERY DISEASE SEVERITY IN A MIDDLE - AGED PATIENT POPULATION
K. Triantafyllou, P. Symeonides, S. Pastromas, H. Anninos, **S. Koulouris**
Evangelismos Hospital, Athens, Greece
- 09:00 COPES II RANDOMIZED CONTROLLED TRIAL – 1-YEAR NON-FATAL MYOCARDIAL INFARCTION AND MORTALITY RESULTS
K.W. Davidson, N. Rieckmann, I. Kronish, S. Ye, C. Batres, J.E. Schwartz, M.M. Burg, Columbia University Medical Center, New York, NY, USA



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- 09:15 IMPACT OF EPICARDIAL ADIPOSE TISSUE VOLUME ON CARDIAC SIZE DETERMINED BY CHEST ROENTGENOGRAM
N.C. Baker, C. Assal, J. Shirani
Geisinger Medical Center, Danville, PA, USA
- 09:30 AFRICAN-ANCESTRY PATIENTS WITH HYPERLIPIDEMIA HAVE A HIGH PREVALENCE OF HYPERTENSION AND TYPE II DIABETES; RESULTS FROM THE CEPHEUS SOUTH AFRICA STUDY
C.L. Schamroth, D. Raal, G. Vandenhoven, A-M. Temmerman
Dept. of Cardiology, Milpark Hospital, Johannesburg, Gauteng, South Africa
- 09:45 GRACE VERSUS TIMI RISK SCORES FOR RISK STRATIFICATION IN FILIPINO PATIENTS WITH ACUTE CORONARY SYNDROMES AT THE PHILIPPINE HEART CENTER
H.J.M. Brown, J.S. Jumangit, Philippine Heart Center, Quezon City, Philippines
- 10:00 MAINTAINING PHYSICAL FITNESS OF PATIENTS WITH CHRONIC HEART FAILURE: A RANDOMIZED CONTROLLED TRIAL
P.J.M. Beckers, J. Denollet, N.M. Possemiers, K. Wuyts, C.J. Vrints, V.M. Conraads, Antwerp University Hospital, Edegem, Antwerp, Belgium
- 10:15 INFLUENCE OF COMORBIDITIES ON ONE-YEAR OUTCOMES IN NON-ST-SEGMENT ELEVATION ACUTE CORONARY SYNDROME
C. Bonanad, J. Sanchis, J. Nunez, E. Nunez, V. Bodi, A. Garcia Alvarez, A. Regueiro, M. Heras, X. Bosch, A. Llacer, Clinic Hospital from Valencia, Spain
- 10:30 PREDICTORS OF HOSPITAL MORTALITY IN CORONARY ARTERY BYPASS GRAFT SURGERY PATIENTS REQUIRING INTRA-AORTIC BALLOON PUMP SUPPORT
C. Chen-Scarabelli, L. Il Saravolatz, L. Saravolatz, G. Faggian, A. Mazzucco,
T.M. Scarabelli
Center for Heart and Vessel Preclinical Studies, St John Hospital/Wayne State University, Detroit, MI, USA
- 10:45 CONTROL OF HYPERLIPIDEMIA AND PRESENCE OF CARDIOVASCULAR RISK FACTORS IN SOUTH AFRICAN WOMEN; RESULTS FROM THE CEPHEUS SOUTH AFRICA STUDY
N. Rapeport, C.L. Schamroth, Milpark Hospital, Johannesburg, South Africa
- 11:00 PATTERNS AND DETERMINANTS OF DYSLIPIDEMIA IN “YOUNG” VERSUS “NOT SO YOUNG” PATIENTS OF CAD IN NORTH INDIAN POPULATION
N. Sinha, **S. Kumar**, H. Rai, R.K. Saran, R.K. Bansal, P.C. Saxena, P.R. Sinha, P.R. Gupta, M. Mishra, P. Jain, Sahara Hospital, Lucknow, UP, India
- 11:15 UTILIZATION OF PHASE II CARDIAC REHABILITATION IN VA PATIENTS: A RETROSPECTIVE SINGLE CENTER EXPERIENCE
M.B. Jhawar, A.K. Chan, A. Mehra, L. Christianson, K. Aggarwal, K.C. Dellsperger,
A. Chockalingam, Department of Internal Medicine, Division of Cardiovascular Medicine, University of Missouri School of Medicine and Harry S. Truman VA Medical Center, Columbia, MO, USA



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Hall A

PL:09

Plenary Session

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

- 10:45 FAMILY BASED STUDIES OF THE GENETICS OF CONGENITAL HEART DEFECTS (Invited Lecture)
N.E. Bowles, University of Utah School of Medicine Eccles Institute of Human Genetics, Salt Lake City, UT, USA
- 11:00 THE IMPACT OF OBESITY AND OTHER CARDIOVASCULAR RISK FACTORS IN ADULTS WITH CONGENITAL HEART DEFECTS (Invited Lecture)
A.T. Yetman, University of Utah, Salt Lake City, UT, USA
- 11:15 BOVINE AORTIC ARCH - A MARKER FOR THORACIC AORTIC DISEASE (Invited Lecture)
J.A. Elefteriades, Yale University School of Medicine, New Haven, CT, USA
- 11:30 ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture)
L. Daliento, University of Padua, Italy
- 11:45 THE US HEALTH CARE REFORM ACT: WHAT IT WILL MEAN FOR THE PEDIATRIC CARDIOLOGIST (Invited Lecture)
T.F. Feltes, The Ohio State University, Columbus, OH, USA
- 12:00 SEMISUPINE CYCLE STRESS ECHOCARDIOGRAPHY IN PAEDIATRIC CARDIOLOGY: A SUPERIOR METHOD OF EXERCISE TESTING (Invited Lecture)
G. Sandor, University of British Columbia, Vancouver, BC, Canada
- 12:15 LEFT VENTRICULAR NONCOMPACTION IN CHILDHOOD: VARIABLE CLINICAL PRESENTATIONS (Invited Lecture)
P.R.A. Gaskin, University of Maryland, Baltimore, MD, USA
- 12:30 THE IMPACT OF NON-INVASIVE MAGNETIC RESONANCE IMAGING ON PEDIATRIC CARDIAC CARE
E.L. Heathfield, T. Hussain, S. Qureshi, T. Witter, A. Bell, P. Beerbaum, R. Razavi, G.F. Greil
King's College London BHF Centre, Division of Imaging Science, Biomedical Research Centre of Guy's and St. Thomas' NHS Foundation Trust, London, UK
- 12:45 A DOSE-RESPONSE STUDY OF VASOPRESSIN IN SYSTEMIC AND REGIONAL HEMODYNAMICS IN ASPHYXIATED NEWBORN PIGS
D.C. Cheung, R.S. Gill, J.Q. Liu, N. Manoucherhri, D.L. Bigam, P.Y. Cheung, B. Dicken, University of Alberta, Edmonton, Canada
- 13:00 ECHOCARDIOGRAPHIC DETECTION OF CARDIAC ALLOGRAFT REJECTION IN CHILDREN
S.C. West, C.H. Saunders, K.A. Jayakumar
University of Virginia, Charlottesville, VA, USA



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Hall B

PL:10

Plenary Session

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

- 10:45 DIFFERENTIATING STEMI FROM NON-ISCHEMIC ST ELEVATION IN PATIENTS PRESENTING WITH CHEST PAIN (Invited Lecture)
Y. Birnbaum, Baylor College of Medicine, Houston, TX, USA
- 11:00 C-REACTIVE PROTEIN AND ACUTE CORONARY ARTERY DISEASE: CRP'S STRUCTURE AFFECTS FUNCTION (Invited Lecture)
J.G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada
- 11:15 EFFICIENT, COST-SAVING, AND SAFE CHEST PAIN EVALUATION IN THE ED WITH TESTS TO MINIMIZE RADIATION (Invited Lecture)
J.H. Chesebro, Umass Memorial Medical School and Medical Center, Worcester, MA, USA
- 11:30 PRESENT STATUS AND FUTURE PERSPECTIVE OF OPTICAL COHERENCE TOMOGRAPHY (Invited Lecture)
T. Akasaka, Wakayama Medical University, Japan
- 11:45 PROLONGATION OF STEM CELL SURVIVAL WITH RESVERATROL: A MICRO RNA STUDY (Invited Lecture)
D.K. Das, University of Connecticut School of Medicine, Farmington, CT, USA
- 12:00 ERYTHROPOIETIN IN PATIENTS WITH ACUTE ST-SEGMENT-ELEVATION MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: TWO-YEAR RESULTS OF THE REVIVAL-3 TRIAL (Invited Lecture)
I. Ott, Deutsches Herzzentrum, Munchen, Germany
- 12:15 EFFECTIVE MANAGEMENT STRATEGIES FOR COMPLICATED MI PATIENTS (Invited Lecture)
H.K. Reddy, University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 12:30 NOVEL APPROACH TO ECG ANALYSIS OF ISCHEMIA - BEYOND THE ST SEGMENT (Invited Lecture)
G.L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA
- 12:45 FRACTIONAL FLOW RESERVE IN CONSECUTIVE 'REAL-WORLD' PATIENTS (Invited Lecture)
A. Puri, CSM Medical University, Lucknow, India
- 13:00 REDUCED MICROVASCULAR DENSITY IN NON-ISCHEMIC MYOCARDIUM OF PATIENTS WITH RECENT NON-ST-SEGMENT MYOCARDIAL INFARCTION (Invited Lecture)
D.J. Campbell, St. Vincent's Institute of Medical Research, Fitzroy, Victoria, Australia



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Hall C

S28

Session

ARRHYTHMIA I: SUDDEN CARDIAC DEATH/ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

- 10:45 EFFECT OF GENDER AND AGE ON DEFIBRILLATION INTERVENTION WITH ICDs FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH
P. Menaria, K. Axtell, C. Kolibash, J. Sra, M. Akhtar, V. Nangia
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA
- 11:00 SIMPLIFIED SUBCUTANEOUS MULTI-COIL ARRAY IMPLANTATION FOR HIGH DEFIBRILLATION THRESHOLD
S.A. Kakodkar, M.J. Shih, C. Madias, K. Krishnan, R.G. Trohman
Rush University Medical Center, Chicago, IL, USA
- 11:15 DEFIBRILLATION USING PULSED LOW-ENERGY FAR-FIELD STIMULATION: APPLICATIONS FOR TERMINATION OF ATRIAL AND VENTRICULAR FIBRILLATION
F.H. Fenton, S. Luther, B.G. Kornreich, A. Squires, P. Bittihn, D. Hornung, E.M. Cherry, N. Otani, E. Bodenschatz, **R.F. Gilmour Jr.**
Dept. of Biomedical Sciences, Cornell University, Ithaca, NY, USA
- 11:30 PATIENT REFUSAL IS COMMON AMONG ELIGIBLE ICD CANDIDATES FOR PRIMARY PREVENTION OF SUDDEN DEATH
H. Li, S. Sturm, University of Minnesota Physicians Heart, Eden Prairie, MN, USA
- 11:45 CHRONIC BIPHASIC VERSUS CATHODAL PACING IN ACUTE MI
R. Hall, D. Hepp, M. Mower
University of Minnesota Law School, Minneapolis, MN, USA
- 12:00 THE USE OF SINGLE COIL ICD LEAD SYSTEMS IN OBESE PATIENTS: A SINGLE CENTER EXPERIENCE
R. Mokabberi, A. Haftbaradaran M, R. Storm, J. Oren, P. Vijayaraman, G. Dandamudi, Geisinger Medical Center, Danville, Abu Dhabi, United Arab Emirates
- 12:15 SURVIVAL ANALYSIS OF EXISTING IMPLANTABLE CARDIOVERTER DEFIBRILLATOR LEADS: THE SAFE ICD LEADS VA FDA PILOT STUDY
L. Barrington, H. Moore, K. Selzman, E. Keung, B. Lewis
Veterans Affairs Medical Center, Washington, DC, USA
- 12:30 ATRIOVENTRICULAR NODE ABLATION IMPROVES RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY BY MECHANISMS OTHER THAN RATE CONTROL ALONE IN PATIENTS WITH ATRIAL FIBRILLATION
M.N. Nazmul, B. Powell, C. Miyazaki, W. Shen, Y.M. Cha, S. Nelson, J. Oh, R. Rea, M. Redfield, Mayo Clinic, Rochester, MN, USA



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- 12:45 THERAPUTIC HYPOTHERMIA FOR OUT-OF-HOSPITAL CARDIAC ARREST PATIENTS: SINGLE TERTIARY CARE CENTER EXPERIENCE
A.B. Catino, **R. Dhingra**, C.L. Grigel, A.T. Kono
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA
- 13:00 DIAGNOSIS OF BACTERIAL INFECTIONS DUE TO PACEMAKER AND DEFIBRILLATOR IMPLANTATION
F. Fayaz, H. Ghassemian, P. Pourmalek, F. Faridnia
Shaheed Beheshti University, Tehran, Iran
- 13:15 PROARRHYTHMIC CHARACTERISTICS OF AUTOMATED IMPLANTABLE CARDIOVERTER DEFIBRILLATORS
A. Kannan, S. Satti, I. Friedlander, G. Bonavita
Canton Medical Education Foundation, Canton, OH, USA
- 13:30 SEVERE SINUS ARRHYTHMIA RESULTING IN RECURRENT ASYSTOLE AND SYNCOPE
F. Mehmood, C. Gilbert, A. Dhala, J. Sra, V. Nangia
Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's, Milwaukee, WI, USA
- 13:45 SUSTAINABLE GRASSROOTS SCREENING PROGRAM TO REDUCE SUDDEN CARDIAC DEATH IN UNIVERSITY STUDENTS
A.C. Argianas, J. Marek, J. Davis, Midwest Heart Foundation, Oakbrook Terrace, IL, USA

10:45 – 14:00

Hall D

S29

Session
VASCULAR BIOLOGY, BASIC RESEARCH

- 10:45 HUMANIZED MOUSE MODEL OF THROMBOSIS IS PREDICTIVE OF THE CLINICAL EFFICACY OF ANTIPLATELET AGENTS
J. Magallon, J. Chen, L. Rabbani, G. Dangas, J. Yang, J. Bussel, T. Diacovo
Columbia University, New York, NY, USA
- 11:00 PROGRESSION OF CORONARY CALCIFICATION RELATED TO SERUM OSTEOPROTEGRIN LEVELS
I.G. Poornima, L.H. Kuller
Gerald McGinnis Institute of Cardiovascular Diseases at Allegheny General Hospital, Pittsburgh, PA, USA
- 11:15 HYPERLIPIDEMIC DISRUPTION OF VASCULAR IMMUNE HOMEOSTASIS AND ATHEROGENESIS
A.J. Merched, Baylor College of Medicine, Houston, TX, USA
- 11:30 CONTROL OF MACROPHAGE FOAM CELL FORMATION BY CYTOKINES
D.R. Michael, J.E. McLaren, N. Li, R.C. Salter, T.G. Ashlin, M.L. Buckley,
D.P. Ramji, School of Biosciences, Cardiff University, Cardiff, UK



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- 11:45 AGING REDUCES APOPTOSIS OF THE VSMC THROUGH DOWNREGULATION OF JAGGED1 EXPRESSION IN THE EC
D.H. Qian, X.J. Wu, H. Jiang, P. Gao, C.Y. Kuang, K. Wang, **L. Huang**
Institute of Cardiovascular Diseases of PLA, Xinqiao Hospital, Third Military Medical University, Chongqing, China
- 12:00 ANALYSIS OF MYXOMAVIRAL SERPIN TREATMENT FOR INFLAMMATORY VASCULITIC SYNDROMES, GIANT CELL AND TAKAYASU ARTERITIS
A.R. Lucas, H. Chen, D.H. Zheng, M.Y. Barteel, H. Samy, E. Sobel, F. Spinale, G. McFadden, T. Beaver, R. Thoburn
University of Florida, Gainesville, FL, USA
- 12:15 TOTAL PLASMA ANTIOXIDANT CAPACITY IN APOE DEFICIENT MICE FOLLOWING DIETARY ADMINISTRATION OF HDL MIMETIC PEPTIDES
S. Safarpour, M. Haghnegahdar, L. Vakili, S. Vazirian, S. Hama, G. Hough
David Geffen School of Medicine, University of California, Los Angeles, CA, USA
- 12:30 PHARMACOLOGICAL INDUCTION OF LEUKOTRIENE B4 12-HYDROXYDEHYDROGENASE (LTB4DH) IN HUMAN NEUTROPHILS AND ITS POTENTIAL IN THE TREATMENT OF MYOCARDIAL INJURY
L. Wei, X.C. Le, Z.Y. Xia, Y. Han, **J. Rong**
The University of Hong Kong, Hong Kong, China
- 12:45 THE EFFECT OF HDL MIMETIC PEPTIDES ON SERUM AMYLOID A LEVELS IN LDL RECEPTOR DEFICIENT MICE
M. Haghnegahdar, L. Vakili, S. Vazirian, S. Safarpour, S. Hama, G. Hough
David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA
- 13:00 PDGF, FGF AND VEGF TEMPORAL REGULATION OF CORONARY ARTERIES DURING PRENATAL DEVELOPMENT
R.J. Tomanek, University of Iowa, Iowa City, IA, USA
- 13:15 KRUPPEL-LIKE FACTOR 4 PROMOTES DIFFERENTIATION, PROLIFERATION AND ANGIOGENESIS OF ENDOTHELIAL PROGENITOR CELLS BY UP-REGULATING ENDOTHELIAL NITRIC OXIDE SYNTHASE
D. Hongmei, H. Lan, D. Meng, S. Ming
Institute of Cardiovascular Disease, XinQiao Hospital, Third Military Medical University, ChongQing, China
- 13:30 AGING EXAGGERATED PROLIFERATION OF VASCULAR SMOOTH MUSCLE CELLS IS RELATED TO ATTENUATION OF JAGGED1 EXPRESSION IN ENDOTHELIAL CELLS
X.J. Wu, **L. Huang**, Y.Z. Zuo, J.B. Ge
The Cardiovascular Center of Xinqiao Hospital, Third Military Medical University, Chongqing, China
- 13:45 THE EFFECT OF WALL SHEAR STRESS IN ENDOTHELIAL TISSUE CULTURE MODELS OF PHYSIOLOGICALLY-SIGNIFICANT GEOMETRIES
A.A. Emmott, R.L. Leask, McGill University, Montreal, PQ, Canada



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Poster Hall

P403 ECHOCARDIOGRAPHY

ADVANTAGES OF COMBINING SUPINE BICYCLE ERGOMETRY AND DOBUTAMINE STRESS ECHOCARDIOGRAPHY

S. Gudibanda, M. Torosoff, K. Bowe, J. Conklin, K. Daudiss, S. A. Fein
Albany Medical Center, Albany, NY, USA

STIFFNESS IN ATHLETES WITH DIFFERENT FORMS OF TRAINING BY MYOCARDIAL IMAGING ECHOCARDIOGRAPHY

A. Vitarelli, M. Bernardi, G. Placanica, **L. Capotosto**, F. Caranci, G. Continanza, O. Dettori, M. Vitarelli, S. De Chiara, V. De Cicco
Sapienza University, Rome, Italy

ASSESSMENT OF LEFT ATRIAL FUNCTION USING TWO DIMENSIONAL SPECKLE TRACKING IN PATIENTS WITH SYSTOLIC HEART FAILURE

M. Esmailzadeh, M. Maleki, F. Vakilian, A. Amin, H. Bakhshandeh Abkenar
Shaheed Rajaei Cardiovascular Medical Center, Tums, Tehran, Iran

THE RELATION BETWEEN LEFT ATRIAL 2D STRAIN AND DIASTOLIC DYSFUNCTION IN PATIENTS WITH SYSTOLIC HEART FAILURE

M. Esmailzadeh, F. Vakilian, M. Maleki, A. Amin, F. Noohi, S.Z.M. Ojaghi haghghi, P. Nakhostin Davari, H. Bakhshandeh Abkenar
Shaheed Rajaei Cardiovascular Medical Center, Tums, Tehran, Iran

GENDER DIFFERENCES IN LEFT ATRIAL VOLUME BY ECHOCARDIOGRAPHY IN PATIENTS WITH FALSE POSITIVE MYOCARDIAL PERFUSION SCANS

R. Bhardwaj, H. Dod, M. Finkel, N.C. Nanda, I. Dar, W. Gharib, R. Beto, A. Jain
West Virginia University, Morgantown, WV, USA

DIASTOLIC STRAIN RATE AND DOPPLER PARAMETERS ARE ASSOCIATED WITH SCAR SIZE AND TRANSMURALITY IN ST-ELEVATION MYOCARDIAL INFARCTION PATIENTS

K. Karimzadeh, D. Maland, E. Stautberg, A. Vasquez, H.V. Anderson, R.W. Smalling, L. Kramer, M. Vooletich, L. Moyee, C. Loghin
University of Texas Health Science Center at Houston, Houston, TX, USA

ECHOCARDIOGRAPHIC ASSESSMENT OF MORPHOLOGY, BLOOD FLOW PATTERNS AND ASSOCIATED ANOMALIES OF HEART AND GREAT BLOOD VESSELS IN CONGENITAL BICUSPID AORTIC VALVE IN CHILDREN

B. Cerovic, J. Dojcinovic, J. Julovski, R. Ivanisevic
Belgrade KBC, Belgrade, Serbia

AORTIC ROOT DILATATION IS ASSOCIATED WITH AGE, GENDER, HIGH BMI AND AORTIC VALVE DISEASE

G. Parvizi, C. Manrique, M. Hashemzadeh, M.R. Movahed
University of Arizona Sarver Heart Center, Southern Arizona VA Health Care System, AZ, USA



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THE RELATIONSHIP OF DIASTOLIC DYSFUNCTION WITH CLINICAL AND EXERCISE MEASUREMENTS IN PATIENTS WITH CHEST PAIN

M. Tucciarone, M. Frederick, R. Bess, K. Narala, S. Szpunar, G. Cohen
St. John Hospital and Medical Center, Detroit, MI, USA

RIGHT ATRIAL THROMBUS IN PATIENTS WITH TUNNELED CUFFED HEMODIALYSIS CATHETERS

M.A. Al Murayeh, A.M. Al Masswary, M.S. Moselhy, K. Al Sheikh, M.A. Dardir, A.A. Youssef
Armed Forces Hospital, Southern Region, Khams Mushayt, Saudi Arabia

COMPARISON OF 2DE AND RT3DE DERIVED LAVIS AS PREDICTORS OF LV FUNCTION AND EXERCISE CAPACITY IN CHRONIC MR

R.P. Canda, E.S. Tucay, R.G. Nose
Philippine Heart Center, Philippines

COMPARISONS OF SPECKLE TRACKING ECHOCARDIOGRAPHY, TISSUE DOPPLER IMAGING AND TRANSMITRAL PULSED-WAVE DOPPLER FOR ESTIMATION OF DIASTOLIC DYSFUNCTION IN PATIENTS WITH ACUTE CORONARY SYNDROME

T. Ahamed Kassim, **S. Napan**, M.D. Greenberg, B. Curry
Howard University Hospital, Washington, DC, USA

THE ROLE OF ECHOCARDIOGRAPHY IN PATIENTS WITH METABOLIC SYNDROME

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

P501 NUCLEAR CARDIOLOGY

SIGNIFICANCE OF EXERCISE MYOCARDIAL SPECT IN IDENTIFYING THE CULPRIT VESSEL IN TRIPLE VESSEL DISEASE

M.N. Haque, T. Francis, S. Jaojaroenkul, E.I. Kanawati, D.C. Zank, J.R. Halama, M.S. Gabriel, R.H. Wagner, F. Leya, J.T. Barron
Loyola University Medical Center, Maywood, IL, USA

RADIONUCLIDE INVESTIGATIONS OF HEART IN PATIENTS WITH CORONARY HEART DISEASE AND POS-TINFARCTION CARDIOSCLEROSIS AFTER CELL THERAPY

G. Mirojov, **A. Dustov**, Z. Rahimov, M. Khidirov, N. Navjuvonov, T. Gulmurodov, A. Barotov, S. Rahmonov, U. Bobokhojaev, M. Mirshahi
Institute of Gastroenterology of the Ministry of Health of the Republic of Tajikistan

USING FRAMINGHAM RISK SCORE AND ANKLE BRACHIAL INDEX TO PREDICT CARDIAC STRESS TEST RESULTS IN ACUTE CHEST PAIN PATIENTS

L. Navaravong, K. Nidamanuri, A. Al-Matrood, M. Singh, R.G. Ali, M.Z. Hoque, W.L. Hiser, A.S. Lotfi
Baystate Medical Center, Springfield, MA, USA

DYNAMICS OF MYOCARDIAL PERFUSION ACCORDING TO DATA FROM MYOCARDIAL SCINTIGRAPHY USING TC99M WITH MIBI AMONG PATIENTS WITH CORONARY HEART DISEASE AND POSTINFARCTION CARDIOSCLEROSIS AFTER CELL THERAPY

A. Dustov, G. Mirojov
The Institute of Gastroenterology of the Ministry of Health, Dushanbe, Tajikistan



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P207 PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

CEREBROVASCULAR DISEASE IN 48 COUNTRIES: SECULAR TRENDS IN MORTALITY 1950-2005

M. Mirzaei, A.S. Truswell, K. Arnett, A. Pages, R. Taylor, S.R. Leeder
Yazd Cardiovascular Research Centre, Shahid Sadoughi University, Yazd, Iran

SCREENING WOMEN FOR CORONARY HEART DISEASE RISK

J.C McSweeney, M.A. Cleves, E.P. Fischer, J. Wei
University of AR for Medical Sciences, Little Rock, AR, USA

PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN GUYANA, SOUTH AMERICA

J.D. Silverman, S. Kestenbaum, R. Kloss, L. Linette, M. Chiang, L. Aronson,
M. Silverman, S. Roth, Lakeridge Health Corp, Oshawa, Mount Sinai Hospital,
University of Toronto, Canada

A RANDOMIZED CONTROLLED FIELD TRIAL ON BEHAVIORAL MODIFICATION INTERVENTION AMONGST ADOLESCENTS FOR CARDIOVASCULAR DISEASE PREVENTION IN ZAHEDAN, IRAN

F. Khoshkhou, R. Lekhranj, A.R. Hejar, A.S. Bahaman, V. Sharmili
Islamic Azad University, Zahedan Branch, Iran

COMPARISON OF CAROTID INTIMA MEDIA THICKNESS (CIMT) OBTAINED AT HIGH FREQUENCY (14 MHZ) VS. STANDARD FREQUENCY (8MHZ)

K.M. Bhagirath, S.J. Lester, J.A. Humphries, R.T. Hurst
Mayo Clinic, Scottsdale, AZ, USA

CARDIOVASCULAR RISK FACTORS IN OLDER ADULTS OF A RURAL COMMUNITY IN A LOW INCOME COUNTRY

B.J.C. Onwubere, E.C. Ejim, S. Mendis, College of Medicine, University of Nigeria

HOW DOES CAROTID PLAQUE RELATE TO CLINICAL AND DIAGNOSTIC FINDINGS IN PATIENTS IN THE CHEST PAIN UNIT

M. Tucciarone, M. Frederick, R. Bess, S. Szpunar, G. Cohen
St. John Hospital and Medical Center, Detroit, MI, USA

A GENERALIZED LINEAR MIXED MODELS APPROACH FOR DETECTING MYOCARDIAL INFARCTION MORTALITY AND MORBIDITY IN MAZANDARAN, IRAN, 2008-2009

A. Khalilian, E. Ghorbanpour, M. Rahimi Janani
Mazandaran Medical Sciences University, Iran

CORRELATION BETWEEN PLASMA HOMOCYSTEINE LEVELS AND THE INCIDENCE AND PROGRESSION OF CORONARY ARTERY DISEASE

N. Zlatanovikj, L. Lazarov, M. Krstevska, B. Gjorgievska
Medical Practice Cor-Medico, Skopje, Macedonia, Yugoslavia

CARDIOVASCULAR RISK FACTORS IN YOUNG SAUDI ADULTS PRESENTED WITH ACUTE CORONARY SYNDROME

M.A. Al-Murayeh, A.M. Al-Masswary, M.S. Moselhy, A.D. Dardir, A.A. Youssef
Armed Forces Hospital, Southern Region, Khamis Mushayt, Saudi Arabia



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SCREENING INDIA'S TWIN EPIDEMIC (SITE)–DIABETES MELLITUS AND HYPERTENSION: RESULTS FROM GUJARAT

S. Dani, B. Saboo, M. Vadivale, S. Joshion behalf of the SITE Gujarat Investigators Life Care Institute of Medical Sciences and Research, Ahmedabad, Gujarat, India

P404 SYSTEMIC HYPERTENSION, BASIC AND CLINICAL

ALTERATION OF THE CIRCADIAN BLOOD PRESSURE PATTERN IN SUBJECTS WITH CHRONIC KIDNEY DISEASE

A. Otero, J.J. Crespo, M. Dominguez, M.C. Castineira, A. Ferreras, A. Mojon, D.E. Ayala, J.R. Fernandez, **R.C. Hermida**, for the Hygia Project Investigators Complejo Bioengineering & Chronobiology Labs, University of Vigo, Vigo, Spain

NON-DIPPING PATTERN AND ENDOTHELIAL DYSFUNCTION IN RESISTANT HYPERTENSION

T. Quinaglia, L.C. Martins, V.N. Figueiredo, R.C. Santos, J.C. Yugar-Toledo, J.F.V. Martin, C. Demacq, E. Pimenta, D. Calhoun, **H. Moreno Jr** State University of Campinas (UNICAMP), Campinas, SP, Brazil

THE EFFICACY OF DIFFERENT FORMS OF VITAMIN D SUPPLEMENTATION TO REDUCE BLOOD PRESSURE IN INSTITUTIONALIZED ELDERLY

V. Mocanu, C. Galesanu, R. Haliga, C. Stefanescu, M. Badescu Gr. T. Popa University of Medicine and Pharmacy, Iasi, Romania

AGONISTIC ANGIOTENSIN II TYPE 1 RECEPTOR AUTOANTIBODIES IN PREECLAMPSIA COHORTS?

M. Adamczyk, R.J. Brashear, S.C. Hsu, P.G. Mattingly Abbott Laboratories, Abbott Park, IL, USA

LOWER LEVEL OF ENOS AND C-TYPE NATRIURETIC PEPTIDE IN PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSIVE

A.A. Alqasim, Faculty of Medicine, Umm Alqura University, Makkah, Saudi Arabia

LOW CARDIAC OUTPUT IN ASYMPTOMATIC HYPERTENSIVE PATIENTS: A PRE-HEART FAILURE SYNDROME?

N.K. Agarwal, S.K. Agarwal Rutgers University, Piscataway, Agarwal Health Center, East Orange, NJ, USA

BARK EXTRACT OF Terminalia arjuna PREVENTS HIGH SODIUM CHLORIDE INDUCED HYPERTENSION IN MALE ALBINO MICE

K. Basu, **C.K. Manna** Department of Zoology, University of Kalyani, West Bengal, India

P304 PULMONARY ASPECTS, PULMONARY HYPERTENSION

PREDICTION OF OUTCOME BY RIGHT VENTRICULAR STRAIN IN PULMONARY ARTERIAL HYPERTENSION

E.L. Hardegre, A. Sachdev, H.R. Villarraga, R.P. Frantz, M.D. McGoon, N.M. Ammash, R.B. McCully, P.A. Pellikka, J.K. Oh, G.C. Kane Mayo Clinic, Department of Medicine, Rochester, MN, USA



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CORRELATION BETWEEN PCWP AND LVEDP IN PATIENTS WITH PULMONARY HYPERTENSION

V.K. Mukku, W.I. Khalife, R. Merla

University of Texas Medical Branch, Galveston, TX, USA

IMPROVED CELL SURVIVAL AND PARACRINE CAPACITY OF HUMAN EMBRYONIC STEM CELLS-DERIVED MESENCHYMAL STEM CELLS PROMOTES THERAPEUTIC POTENTIAL FOR PULMONARY ARTERIAL HYPERTENSION

Y-L. Zhang, H-F. Tse, **Q-Z. Lian**, The University of Hong Kong, Hong Kong

CARDIAC MAGNETIC RESONANCE IMAGING ASSESSMENT OF RIGHT-TO-LEFT VENTRICULAR INTERACTION IN SLEEP APNEA PATIENTS WITH NORMAL PULMONARY PRESSURE

R.S. Marfatia, S. Kumar, M. Rai, R. Feinn, E. Kaloudis, C. Yang, E. Avelar

University of Connecticut Health Center, Farmington, CT, USA

DEVELOPMENT OF A CONTINUOUS MONITORING TECHNIQUE TO MEASURE ADEQUACY OF VENTILATION

J.E. Freeman, A. Panasyuk, M. Lalli, S.V. Panasyuk, A. Nagpal, N. Steiger, J. Toy, A. Mattfolk, R. Lew

Respiratory Motion, Lexington, MA, USA

PULMONARY HYPERTENSION IS A COMMON DISEASE: THE ARMADALE ECHO STUDY

G.A. Strange, D.A. Playford, S. Stewart, A. Kent, J.A. Deague, E. Gabbay

Monash University Melbourne, Victoria, Australia

OBESITY IS STRONGLY ASSOCIATED WITH PRESENCE OF PULMONARY EMBOLISM

M.R. Movahed, M. Hashemzadeh, M.R. Habibzadeh

University of Arizona Sarver Heart Center, AZ, USA

ARE WE FOLLOWING PATIENT WITH PULMONARY EMBOLISM WELL ENOUGH?

A. Shah, M. Uddin, B. Bhushan, N.P. Waterfield, E. Subkovas, P.K. Das,

C. M. Bellamy, Glan Clwyd Hospital, Bodelwyddan, UK

P307 SYNCOPE

LONG-TERM FOLLOW-UP OF PATIENTS WITH POSITIVE HEAD-UP TILT TEST: DOES THE TYPE OF RESPONSE INFLUENCE PROGNOSIS?

J.P. Freitas, A. Lebreiro, A. Sousa, A.S. Correia, M.J. Maciel, F. Rocha Goncalves

Hospital Sao Joao, Porto, Portugal

THE ROLE OF ACUTE PHYSICAL MANEUVERS IN PREVENTING VASOVAGAL SYNCOPE: A RANDOMIZED CLINICAL TRIAL

M. Khabbazian, A. Alizadeh, Z. Emkanjoo, B. Bayati, M. Haghjoo, F. Fazelifar

Tehran Medical University, Tehran, Iran

DIAGNOSTIC PATTERNS AND MEDICAL COSTS IN THE EVALUATION OF SYNCOPE PATIENTS AT EMERGENCY DEPARTMENT

H. Yoon, H.G. Song, J.S. Kim, M.J. Kang, J.U. Na, T.G. Shin, M.S. Sim, I.J. Jo, K.J. Song, Y.K. Jeong

Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea



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P306 CARDIAC ARREST AND SUDDEN CARDIAC DEATH

1482 IS QT-PROLONGATION A CHARACTERISTIC FEATURE OF SEVERE ANOREXIA NERVOSA
U.N. Sagar, M.J. Krantz, A.L. Sabel, C.S. Long, J.T. Barbey, K.V. White, J.L. Gaudiani, P.S. Mehler
Denver Health Medical Center and University of Colorado, Denver, CO, USA

EFFECTS OF THERAPEUTIC HYPOTHERMIA ON MYOCARDIAL REPOLARIZATION

T.A. Waters, V.K. Khurana, M.P. Liakos, M.T. Torosoff
Albany Medical Center, Albany, NY, USA

ANALYSIS OF CARDIOVASCULAR MORBIDITY AND SUDDEN DEATH RISK WITH RISPERIDONE AND PALIPERIDONE

S. Gopal, D.W. Hough, K. Karcher, I. Nuamah, J. Palumbo, J.A. Berlin, A. Baseman, Y. Xu, **J. Kent**
Janssen Research & Development, Titusville, NJ, USA

DAILY FLUCTUATIONS OF MICROVOLT T-WAVE ALTERNANS AS A MARKER FOR RISK ASSESSMENT IN BRUGADA SYNDROME

K. Suzuki, T. Takagi, K. Maeda, H. Tatsumi, M. Yoshiyama
Osaka City University, Osaka, Japan

P509 CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION

SIGNIFICANT ASSOCIATION OF RS13376333 IN KCNN3 ON CHROMOSOME 1Q21 WITH ATRIAL FIBRILLATION IN A TAIWANESE POPULATION

S.H. Chang, J.J. Hwang, F.T. Chiang, C.D. Tseng, J.K. Lee, L.P. La, J.L. Lin, C.K. Wu, C.T. Tsai
Lotung Poh-Ai Hospital, Yilan, Taiwan

THE PREDICTION OF ATRIAL FIBRILLATION RECURRENCE WITH USING OF STANDARD ELECTROCARDIOGRAPHIC AND ECHOCARDIOGRAPHIC PARAMETERS

A. Naimushin, D. Luria, A. Livneh
Sheba Medical Center, Ramat Gan, Israel

ADENOSINE INDUCED LEFT ATRIAL- PULMONARY VEINS RECONDUCTION AFTER WIDE CIRCUMFERENTIAL ANTRUM ABLATION FOR PULMONARY VEIN ISOLATION USING REMOTE MAGNETIC CATHETER

S.J. Pollak, J. Forsyth, H. Seckel, **G. Monir**
Arrhythmia and Ablation Center, Florida Hospital cardiovascular Institute, Orlando, FL, USA

CHALLENGES IN THE ADOPTION OF REMOTE MAGNETIC NAVIGATION TO PEDIATRIC ELECTROPHYSIOLOGY PRACTICE

A.C. Kean, A.N. Kamp, M.J. LaPage, M. Dick, D.J. Bradley
The University of Michigan, Ann Arbor, MI, USA



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COMPARISON OF METOPROLOL VS. CARVEDILOL AS A PROPHYLAXIS FOR THE PREVENTION OF POST CABG ATRIAL FIBRILLATION

M.F. Khan, **M.R. Movahed**

University of Arizona Sarver Heart Center, Tucson, AZ, USA

ANGIOTENSIN BLOCKING DRUG THERAPY (ABDT) IS ASSOCIATED WITH POST OPERATIVE ATRIAL FIBRILLATION (POAF) IN CARDIAC SURGERY PATIENTS

A. Kannan, N. Nagajothi, C. Poongkunran

Canton Medical Education Foundation, Canton, OH, USA

CLINICAL AND PROGNOSTIC SIGNIFICANCE OF ATRIAL FIBRILLATION IN ACUTE MYOCARDIAL INFARCTION

F.P. Pollice, P.P. Pollice, B.L. Leclercq

Dept. of Cardiovascular Surgery, Private Clinic, Andria, Italy

POST CABG ATRIAL FIBRILLATION: IDENTIFICATION OF THE RISK FACTORS AND THE EFFECTIVENESS OF PROPHYLACTIC BETA BLOCKER THERAPY

M.F. Khan, **M.R. Movahed**

University of Arizona Sarver Heart Center, Tucson, AZ, USA

PRO-ARRHYTHMIC EFFECT OF HYPERCALCEMIA IN THE PRESENCE OF SOTALOL

S. Kohli, X. Walker, **P. Voukydis**

Mount Auburn Hospital, Cambridge, MA, Harvard Medical School, Boston, MA, USA



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Hall A

PL:11 Plenary Session

ATRIAL FLUTTER AND ATRIAL FIBRILLATION: PHARMACOLOGICAL AND NON PHARMACOLOGICAL THERAPY APPROACH

- 14:00 NON-PHARMACOLOGICAL TREATMENT OF ATRIAL FLUTTER (Invited Lecture)
A.N. Shah, Mount Sinai School of Medicine, Elmhurst Hospital Center, NY, USA
- 14:15 CURRENT TRENDS IN ABLATION OF ATRIAL FIBRILLATION (Invited Lecture)
K. Srivathsan, Mayo Clinic, Phoenix, AZ, USA
- 14:30 ABLATION OF ATRIAL FIBRILLATION: ROLE OF INTRACARDIAC ECHOCARDIOGRAPHY (Invited Lecture)
B.K. Kantharia, The University of Texas-Health Science Center at Houston, TX, USA
- 14:45 PERSONALIZED MANAGEMENT OF ATRIAL FIBRILLATION: AN IMAGING GUIDED APPROACH (Invited Lecture)
N. Marrouche, University of Utah Health Sciences Center, Salt Lake City, UT, USA
- 15:00 ABLATION OF PERSISTENT ATRIAL FIBRILLATION USING PHASED RADIOFREQUENCY ABLATION TECHNIQUE (Invited Lecture)
T. Deneke, University of Bochum, Germany
- 15:15 DYNAMICALLY SHAPED MAGNETIC FIELDS: DESCRIPTION AND INITIAL RESULTS OF A REAL-TIME, REMOTE EP CATHETER NAVIGATION SYSTEM (Invited Lecture)
E. Gang, Geffen School of Medicine at UCLA, Los Angeles, CA, USA
- 15:30 AN EVALUATION OF PATENT FORAMEN OVALE CLOSURE USING RADIOFREQUENCY ABLATION DELIVERED WITH A ROBOTIC ARM
S.M.A. Sohaib, B. Unsworth, K. Kulwant-Kaur, L. Malcolme-Lawes, P. Kanagaratnam, I.S. Malik, Imperial Healthcare NHS Trust, London, UK
- 15:45 EXTRACELLULAR MATRIX ALTERATIONS AFTER SINUS RHYTHM RESTORATION IN PATIENTS WITH PERSISTENT ATRIAL FIBRILLATION
E.M. Kallergis, E.M. Kanoupakis, H.E. Mavrakis, C.A. Goudis, N.E. Maliaraki, G.I. Clouverakis, P.E. Vardas, Heraklion University Hospital, Greece
- 16:00 SHORT DURATION, ORAL AMIODARONE FOR PREVENTION OF ATRIAL FIBRILLATION POST HEART SURGERY
C.C. Trotter, J.H. Khan, T. Kowolaski, A. Modak, Y. Siddiqui, P.S. Lavigne, R. Sampath, E. Davis, W.H. Carter, Charleston Area Medical Center, Charleston, WV, USA
- 16:15 QT DISPERSION IN ATRIAL FIBRILLATION: A MARKER OF INCREASED MORTALITY?
A. Singh, B. Weiner, Saint Vincent Hospital, Worcester, MA, USA
- 16:30 REMOTE CONTROL CATHETER ABLATION OF ACCESSORY PATHWAYS USING A MAGNETIC NAVIGATION SYSTEM: A COMPARISON OF EFFICACY AND SAFETY BETWEEN DIFFERENT LOCATIONS
P. Parwani, N. Lippman, J. Dell'Orfano, E. Berns, R. Kahr, C. Hayes, B. Bernstein, A. Tolat, University of Connecticut School of Medicine, Hartford, CT, USA



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Hall B

PL:12 Plenary Session
HYPERTENSION, OBESITY, DIABETES, METABOLIC SYNDROME
AND CAD

- 14:00 INTERNATIONAL CAUSES AND CONSEQUENCES OF EPIDEMIC OBESITY
AND DIABETES IN OLD AGE (Invited Lecture)
E. Barrett-Connor, University of California, San Diego, La Jolla, CA, USA
- 14:15 OBESITY CARDIOMYOPATHY: CURRENT VIEWS (Invited Lecture)
M.A. Alpert, University of Missouri School of Medicine, Columbia, MO, USA
- 14:30 THE CARDIO-METABOLIC SYNDROME FOLLOWING HEART
TRANSPLANTATION -- INCIDENCE, IMPLICATIONS, AND MANAGEMENT
(Invited Lecture)
M.R. Johnson, University of Wisconsin Medical School, Madison, WI, USA
- 14:45 RENIN INHIBITION: WHAT HAVE WE LEARNED? (Invited Lecture)
A.H.J. Danser, Erasmus Medical Center Rotterdam, The Netherlands
- 15:00 EPIGENETIC REGULATION OF PROINFLAMMATORY FACTORS IN
DIABETIC HEART DISEASE (Invited Lecture)
X-Y. Yu, Medical Research Center of Guangdong General Hospital, China
- 15:15 CLINICAL SIGNIFICANCE OF EPICARDIAL ADIPOSE TISSUE AS A VISCERAL
FAT DEPOT (Invited Lecture)
J. Shirani, St. Luke's Hospital and Health Network, Bethlehem, PA, USA
- 15:30 INFLUENCE OF TIME-OF-DAY OF HYPERTENSION TREATMENT ON
CARDIOVASCULAR RISK (Invited Lecture)
R.C. Hermida, University of Vigo, Spain
- 15:45 CURRENT IMAGING TECHNIQUES FOR EVALUATION OF CORONARY
ARTERY DISEASE IN DIABETIC PATIENTS (Invited Lecture)
A. Elhendy, Marshfield, WI, USA



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Hall C

S30

Session

VALVULAR HEART DISEASE / HEART VALVE SURGERY

- 14:00 VALUE OF RISK ALGORITHMS IN PREDICTING EARLY AND LATE OPERATIVE OUTCOMES IN HIGH RISK PATIENTS UNDERGOING TRANSAPICAL AORTIC VALVE IMPLANTATION
J.M. Kim, J.L. Soon, A. Cheung, S.V. Lichtenstein, D. Wood, J.G. Webb, J. Ye
St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada
- 14:15 MEANINGFUL USE OF EHR ENHANCES MVR OUTCOMES ANALYSIS
J.C. Chen, T.A. Pfeffer, R. Richter, Y. Chen, M-L. Kiley, H. Lee
Kaiser Permanente, The Permanente Medical Group, Oakland, CA, USA
- 14:30 VERY-LOW-DOSE THERAPY IN ANTICOAGULATION OF PATIENTS WITH MECHANICAL HEART VALVE REPLACEMENT SUPPORTED BY TELEMEDICINE
H. Koertke, T. Feige, L. Paluszkiwicz, J. Koerfer, S. Secer, T. Wittlinger
Heart and Diabetes Center NRW, Bad Oeynhausen, NRW, Germany
- 14:45 ASSOCIATION BETWEEN PERIODONTITIS AND INTRACARDIAC CALCIFICATION
N. Verma, A. Qasim, V.M. Figueredo, M. Miyamae, K. Arishiro, Y. Notohara, M. Ueda, V. Crudu, G.S. Pressman
Albert Einstein Health Care Network, Philadelphia, PA, USA
- 15:00 PSYCHOLOGICAL AND EMOTIONAL STATUS OF PATIENTS WITH CHRONIC MITRAL REGURGITATION: DOES THE MIND MATTER?
T. Topilsky, M.R. Trenerry, B.A. Eichhorn, M. Enriquez-Sarano
Mayo Clinic, Rochester, MN, USA
- 15:15 PREDICTORS OF SEVERE TRICUSPID REGURGITATION IN PATIENTS WITH PACEMAKER OR AUTOMATED IMPLANTABLE CARDIOVERTOR-DEFIBRILLATOR LEADS: A RETROSPECTIVE CASE-CONTROL STUDY
M.Q. Najib, S.S. Vittala, S. Challa, A. Raizada, H.R. Lee, H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA
- 15:30 A RARE CASE OF MULTIPLE GIANT CORONARY ARTERY ANEURYSMS ASSOCIATED WITH ASCENDING AORTIC ANEURYSM AND AORTIC INSUFFICIENCY
A. Singh, A. Ramanakumar, D. Kumar, Saint Vincent Hospital, Worcester, MA, USA
- 15:45 BALLOON AORTIC VALVULOPLASTY AS A BRIDGE TO AORTIC VALVE REPLACEMENT OR TRANSCATHETER AORTIC VALVE IMPLANTATION FOR HIGH-SURGICAL RISK PATIENTS WITH SEVERE AORTIC STENOSIS
M.W. Tempelhof, N. Beohar, P.M. McCarthy, C. Malasire, C.J. Davidson
Northwestern University, Chicago, IL USA



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- 16:00 OUTCOMES OF A MINIMALLY INVASIVE APPROACH COMPARED WITH MEDIAN STERNOTOMY FOR THE EXCISION OF BENIGN CARDIAC MASSES
A.M. Pineda, O. Santana, C. Zamora, A.M. Benjo, G.A. Lamas, J. Lamelas
Mount Sinai Heart Institute, Miami Beach, FL, USA
- 16:15 IMPROVEMENT IN MITRAL INSUFFICIENCY BY EARLY STIMULATION OF THE LEFT VENTRICULAR FREE WALL
P. Voukydis, K. Juliani, Harvard Medical School, Cambridge, MA, USA
- 16:30 A NOVEL DIMENSIONLESS INDEX DERIVED FROM CONTINUOUS WAVE DOPPLER TO DEFINE SEVERE AORTIC VALVE STENOSIS
G.E. Valania, G.H. Yao, W.H. Hiser, J.R. Cook, F. Saab, J. Friderici, L. Jiang
Baystate Medical Center, Tufts University, Springfield, MA, USA
- 16:45 ECHOCARDIOGRAPHIC EVIDENCE OF AORTIC REGURGITATION IS HIGHER WITH SYNTHETIC ARTERIO-VEIN GRAFTS COMPARED TO FISTULAS
B. Doherty, A. Shetty, G.N. Nadkarni, G. Sandhu, A. Bansal, S. Cortell
St.Luke's Roosevelt Hospital Center, New York, NY, USA

14:00 – 16:45

Hall D

S31

Session

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

- 14:00 HUMAN INDUCED PLURIPOTENT STEM CELL-DERIVED MESCENCHYMAL STEM CELLS ARE SUPERIOR TO ADULT BONE MARROW-DERIVED MESCENCHYMAL STEM CELLS IN THE TREATMENT OF LIMB ISCHEMIA
Y.L. Zhang, F.Y. Lam, C.N. Lee, H.F. Tse, **Q. Lian**
Dept. of Medicine, University of Hong Kong, Hong Kong, China
- 14:15 FRACTALKINE RECEPTOR (CX3CR1) POLYMORPHISM AND THE RISK OF CORONARY ARTERY DISEASE
H. Rai, N. Singh, S. Kumar, A. Kapoor, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India
- 14:30 A GENOME-WIDE ASSOCIATION STUDY OF PLATELET COUNT AND MEAN PLATELET VOLUME IN AFRICAN AMERICANS
R. Qayyum, D.M. Becker, A. Reiner, M.A. Nalls, A.B. Zonderman, M.K. Evans, M.A. Austin, J.G. Wilson, B.M. Snively, W. Tang, E. Ziv, Y. Liu, S. Ganesh, L.C. Becker, Johns Hopkins School of Medicine, Baltimore, MD, USA
- 14:45 COST-EFFECTIVENESS OF GENETIC TESTING OF LPA VARIANTS ASSOCIATED WITH CORONARY HEART DISEASE
N. Olchanski, **D. Shiffman**, J.J. Devlin, T.F. Goss
Boston Healthcare Associates, Inc. Boston, MA, USA



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- 15:00 ROLE OF LRP6 IN VASCULAR INTEGRITY AND ITS PERTURBATION BY THE OF ATHEROSCLEROSIS CAUSING R611C MUTATION
A. Keramati, G.G. Go, R. Singh, R.P. Lifton, **A. Mani**
Yale University School of Medicine, New Haven, CT, USA
- 15:15 MYOBLAST TRANSPLANATION FOR HEART REPAIR
H.J. Leonhardt , Bioheart Inc., Sunrise, FL, Anoka Technical College, Anoka, MN, University of Florida, Gainesville, FL, Florida International University, Miami, FL, University of Northern California, Santa Rosa, CA, USA
- 15:30 ASSOCIATION OF T-786C NOS3 POLYMORPHISM WITH LACK OF BLOOD PRESSURE CONTROL IN RESISTANT HYPERTENSIVE PATIENTS
C. Demacq, V.N. Figueiredo, T. Quinaglia, A.P.C. Faria, C.H. Moraes, J. Yugar-Toledo, V.C. Sandrim, J.E. Tanus-Santos, **H. Moreno Jr**
FCM, Unicamp, Campinas, SP, Brazil
- 15:45 CONNEXIN 43 OVEREXPRESSION ENSURES GAP JUNCTION FORMATION IN HUMAN MYOBLASTS AND IMPROVES HEART HEMODYNAMIC PARAMETERS
N. Rozwadowska, T. Kolanowski, A. Wacławska, E. Szymczyk, J.D. Kasprzak, T. Mietkiewski, M. Rucinski, **M.K. Kurpisz**
Department of Reproductive Biology and Stem Cells, Institute of Human Genetics Polish Academy of Sciences, Poznan, Poland
- 16:00 LACK OF ASSOCIATION BETWEEN IL-1 BETA +3953 POLYMORPHISM WITH CORONARY ARTERY DISEASE IN INDIAN POPULATION
H. Rai, S.Kumar, S. Agrawal, N. Sinha
Sanjay Gandhi PGIMS, Lucknow, UP, India
- 16:15 BETA 2-ADRENERGIC RECEPTOR POLYMORPHISM DOES NOT INFLUENCE HEART RATE RESPONSE DURING DOBUTAMINE-ATROPINE STRESS ECHOCARDIOGRAPHY
V. Cotarlan, A. Brofferio, J. Sartorius, G. Gerhard, X. Chu, V. Butcher, S. Stein, J. Shirani, Geisinger Medical Center, Danville, PA, USA
- 16:30 ASSOCIATION OF ANGIOTENSIN II TYPE 1 RECEPTOR GENE A1166C POLYMORPHISM WITH THE ACUTE CORONARY SYNDROME IN IRANIAN POPULATION
J. Behravan, M. Ghayour Mobarhan, N. Delshad, M. Mohebati, H. Falsoleiman, M. Hassany, J. Kasaeian, Biotechnology Research Center, School of Pharmacy, Mashhad, Iran



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Hall A

PL:13

Plenary Session

EPIDEMIOLOGY: NUTRITION, LIFESTYLE AND PREVENTION OF HEART DISEASE

- 16:45 COFFEE, CAFFEINE, AND RISK OF ARRHYTHMIA (Invited Lecture)
A.L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA
- 17:00 SUPPRESSION, REGRESSION AND SLOWING OF PROGRESSION OF ATHEROSCLEROSIS WITH FLAXSEED AND ITS COMPONENTS (Invited Lecture)
K. Prasad, University of Saskatchewan, Saskatoon, Canada
- 17:15 MAGNESIUM INTAKE AND CARDIOMETABOLIC DISEASE: TRANSLATION FROM OBSERVATION TO INTERVENTION (Invited Lecture)
Y. Song, Brigham & Women's Hospital, Boston, MA, USA
- 17:30 A NEW LOOK FOR AN OLD DRUG: VITAMIN D IN PREVENTION OF CARDIOVASCULAR DISEASE (Invited Lecture)
L. Wang, Brigham and Women's Hospital, Boston, MA, USA
- 17:45 CORONARY ARTERY DISEASE – EASTERN END OF WESTERN DISEASE (Invited Lecture)
V. Puri, Royal Lancaster Infirmary, University Hospital of Morecambe and Bay NHS Trust, Lancaster, UK
- 18:00 EFFECT OF RURAL-TO-URBAN WITHIN-COUNTRY MIGRATION ON CARDIOVASCULAR RISK FACTORS IN LOW AND MIDDLE INCOME COUNTRIES: A SYSTEMATIC REVIEW (Invited Lecture)
A.V. Hernandez, Cleveland Clinic, Cleveland, OH, USA
- 18:15 EFFECT OF A 6-MONTH EXERCISE-LIFESTYLE INTERVENTION ON PHYSICAL PERFORMANCE, CARDIOVASCULAR HEALTH, AND OVERALL WELL-BEING IN WOMEN AT RISK FOR CARDIOVASCULAR DISEASE: A PRELIMINARY REPORT
P.A. Marcovitz, S.S. Billecke, M. Donnelly, B.A. Franklin
William Beaumont Hospital, Royal Oak, MI, USA



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Hall B

S32

Session
RECENT ADVANCES IN CARDIAC IMAGING

- 16:45 NORMAL STRESS-ONLY VERSUS STANDARD STRESS/REST MYOCARDIAL PERFUSION IMAGING: SIMILAR PATIENT MORTALITY WITH REDUCED RADIATION EXPOSURE
J.J. Mahmarian, S.M. Chang, F. Nabi, J. Xu
Methodist DeBakey Heart & Vascular Center, Houston, TX, USA
- 17:00 QUANTIFICATION OF LEFT VENTRICULAR VOLUME AND FUNCTION USING 3-DIMENSIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY
M. Meng, J. Tan, D. Kitzman, P. Kirkman, H. Deng, M. Pu, S. Ganhdi, R. Henderson, Wake Forest University School of Medicine, Winston-Salem, NC, USA
- 17:15 CHARACTERISATION OF THE INFLAMMATORY PROCESS IN ATHEROSCLEROTIC MODELS BY MRI AND SECARS MICROSCOPY
L. Machtoub, **M. Michalska**, V. Herold, E. Bauer, P. Jakob, W. Bauer
Universitätsklinik für Radiodiagnostik, Tirol, Austria
- 17:30 LEFT VENTRICULAR OUTFLOW TRACT GEOMETRY SIGNIFICANTLY IMPACTS ON QUANTITATIVE DOPPLER ASSESSMENT
H. Deng, D.W. Kitzman, P.M. Kirkman, **M. Meng**, P. Burgess, W. Little, M. Pu
Wake Forest University School of Medicine, Winston-Salem, NC, USA
- 17:45 DIAGNOSTIC ACCURACY OF DOBUTAMINE STRESS ECHOCARDIOGRAPHY FOR DETECTION OF CORONARY ARTERY DISEASE IN RENAL TRANSPLANT CANDIDATES: A METAANALYSIS
A.M. Haftbaradaran, X. Tang, J. Sartorius, **J. Shirani**
Geisinger Medical Center, Danville, PA, USA
- 18:00 QUANTITATIVE CORONARY ANGIOGRAPHY (QCA) OF INDETERMINATE LEFT MAIN DISEASE CAN RELIABLY PREDICT SEVERITY
C.L. Laham, M.S. Chandra, M.J. McMahon, R. Venzon, M. Jerin, N.W. Shammass, St. Luke's Hospital, Cedar Rapids, IA, USA
- 18:15 CARDIAC AMYLOIDOSIS POST CYBOR-D: DOPPLER ECHOCARDIOGRAPHY AND MYOCARDIAL MECHANICS
N. Quader, U. Jalal, C. Kendall, F. Mookadam, S. Schuster, J. Mikhael, R. Fonseca, A. Kalya, Mayo Clinic, Scottsdale, AZ, USA
- 18:30 MYOCARDIAL DEFORMATION IMAGING CAN BE PERFORMED USING CONTRAST ECHOCARDIOGRAMS – FIRST RESULTS USING 2D CARDIAC PERFORMANCE ANALYSIS
A. Huqi, B. Klas, I. Paterson, M. Irween, J. Ezekovitz, J. Choy, H. Becher
Mazankowski Alberta Heart Institute, Edmonton, Alberta, Canada



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- 19:00 MRI-TAGGING REVEALS IMPACT OF BETA-BLOCKER THERAPY ON MYOCARDIAL ARCHITECTURE
B. Schmitt, P.P. Lunkenheimer, P. Steendijk, F. Berger, T. Kuehne
Dept. of Congenital Heart Defects, German Heart Institute Berlin, Germany
- 19:15 COMBINED BRUCE PROTOCOL AND REGADENOSON FOR MYOCARDIAL PERFUSION STRESS TESTING: A NOVEL APPROACH
S.D. Jerome, J.S. Rogers, L.K. Black, S.A. Little, C.M. Jopek, R.J. Wagner
University of Maryland, School of Medicine, Baltimore, MD, USA

16:45 – 20:00

Hall C

S33

Session
ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

- 16:45 SAFETY AND OUTCOME OF EPICARDIAL ABLATION OF VENTRICULAR TACHYCARDIAS
M.H. Kanj, O.M. Wazni, W.J. Saliba, B.M. Lindsay, A. Natale, P. Tchou
Cleveland Clinic Cleveland, OH, USA
- 17:00 BERIPLEX P/N RESTORES HEMOSTASIS AFTER DABIGATRAN OVERDOSING IN AN ACUTE RABBIT BLEEDING MODEL
S.H. Zeitler, I. Pragst, B. Doerr, F. Kaspereit, W. Krege, J. van Ryn
CSL Behring GmbH, Pharmacology/Toxicology, Marburg, Germany
- 17:15 BUNDLE BRANCH BLOCK, BIMODAL CONDUCTION PATTERN AND REGIONAL FIBROSIS IN MURINE SCN5A^{+/-} HEARTS: INDEPENDENT AND INTERACTING EFFECTS OF GENOTYPE, AGE AND SEX
K. Jeevaratnam, R. Rewbury, Y. Zhang, L. Guzadhur, R. Duehmke, A. Grace, M. Lei, C.L. Huang, University of Cambridge, Cambridge, UK
- 17:30 POOR GLUCOSE CONTROL IS ASSOCIATED WITH QTC PROLONGATION IN CRITICALLY ILL PATIENTS
D. Pickham, E. Flowers, B.J. Drew
School of Nursing, University of California, San Francisco, CA, USA



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- 17:45 ELECTROPHYSIOLOGIC PROFILE OF ASYMPTOMATIC WOLFF-PAKINSON-WHITE SYNDROME IN PEDIATRIC POPULATION
M. Swissa, T. Dagan, E. Bruckheimer, E. Birk, R. Fogelman
Kaplan Medical Center, Rehovot, Israel
- 18:00 REMOTE MAGNETIC NAVIGATION WITH INTRACARDIAC ULTRASOUND FOR ABLATION OF ATRIAL FIBRILLATION
B.F. Finta, **J. Postma**, P. Muthusamy, A. Davis, D.E. Haines
West Michigan Heart, Grand Rapids, MI, USA
- 18:30 BETA BLOCKER PROPHYLAXIS FOR THE PREVENTION OF POST CABG ATRIAL FIBRILLATION; A META-ANALYSIS OF RANDOMIZED CONTROL TRIALS
M.F. Khan, **M.R. Movahed**, The Southern Arizona VA Health Care System, University of Arizona Sarver Heart Center, Tucson, AZ, USA
- 18:45 ARE POST-INFARCT VENTRICULAR ARRHYTHMIAS PREDICTIVE OF MORTALITY RISK IN PATIENTS WITH IMPAIRED EJECTION FRACTION?
J.A. Chatterjee, R. Sankaranarayanan, M. James, RoyalBlackburn Hospital, Haslingden Road, Blackburn, UK
- 19:00 DO EMERGENCY DEPARTMENT (ED) PHYSICIANS CORRECTLY IDENTIFY PATIENTS PRESENTING WITH UNEXPLAINED SYNCOPE WHO WARRANT HOSPITALIZATION?
E. Aziz, **B. Pratap**, C.K. Pamidimukala, J.H. Bastawrose, T. Park., J. Kim, J. Verzosa, C. Murphy, N. David, E. Herzog
St. Luke's-Roosevelt Hospital Center, New York, NY, USA
- 19:15 A RARE CASE OF TAKOTSUBO CARDIOMYOPATHY ASSOCIATED WITH COMPLETE HEART BLOCK
A. Ramanakumar, A. Singh, L. Pacifico, Saint Vincent Hospital, Worcester, MA, USA
- 19:30 HLA-B27-ASSOCIATED J-WAVE - RISK OR CURIOSITY?
J. Ker, University of Pretoria, Pretoria, South Africa
- 19:45 THE EFFECT OF EXERCISE ON RESTING ATRIAL FIBRILLATION RATE
D. Bloomfield, G. Goldman
Richmond University Medical Center, Staten Island, NY, USA



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13:30 – 18:30

Poster Hall

P401 MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

EPO PREVENTS APOPTOSIS VIA JAK2/STAT5 IN EXPERIMENTAL EPILEPSY

J. Li, B.X. Ma, Q. Li, S.S. Wu

First Hospital of Jilin University, Changchun, Jilin, China

PHYSIOLOGICAL PROPERTIES OF HUMAN-ETHER-A-GO-GO RELATED GENE PROTEIN (KV11.1) GATING CURRENTS RECORDED IN MAMMALIAN CELLS

R.R. Fougere, Z. Es-Salah-Lamoureux, Z. Wang, D. Fedida

University of British Columbia, BC, Canada

CARDIOMYOCYTE EXPRESSION OF HEAT SHOCK PROTEIN B8 K141N CAUSES CARDIAC DISEASE

A. Sanbe, T. Marunouchi, K. Tanonaka, J. Yamauchi, H. Nishigori, A. Tanoue

School of Pharmacy, Iwate Medical University, Iwate, Japan

SUPERIOR INHIBITION OF THE MITOCHONDRIAL PERMEABILITY TRANSITION PORE WITH INTRALIPID VS. CYCLOSPORIN-A

K.D. Navab, J.C. Bopassa, J. Li, A. Iorga, R.D. Nadadur, P. Partownavid,

S. Rahman, M. Eghbali

UCLA, Los Angeles, CA, USA

PROBUCOL PREVENTS IFOSFAMIDE-INDUCED APOPTOSIS, OXIDATIVE INJURY AND ENERGY STARVATION IN RAT CARDIAC TISSUES

A.A. AlYahya, M.M. Sayed-Ahmed

King Saud University, College of Pharmacy, Saudi Arabia

MAGNITUDE AND SEVERITY OF MYOCYTE AUTOPHAGY ARE PROPORTIONAL TO THE DURATION OF CARDIOPLEGIC ARREST

C. Chen-Scarabelli, L. Il Saravolatz, B. Ulgen, W. Qureshi, D. Vasquez,

K. Abounit, L. Saravolatz, **T.M. Scarabelli**

St John Hospital/Wayne State University, MI, USA

ASSOCIATION OF THE CLUSTER OF DIFFERENTIATION FOURTEEN POLYMORPHISM WITH RISK FACTORS OF CARDIOVASCULAR DISEASE IN KOREAN

S.G. Kang, W.C. Chung, SW. Song, S.J. Park

The Catholic University of Korea, St. Vincent's Hospital, Suwon, South Korea

ATP DEPLETION OCCURRING DURING HYPOXIA ALONE MAY PREVENT BOTH THE INITIATION AND PROGRESSION OF MYOCYTE AUTOPHAGY

K. Abounit, R. McCauley, L. Il Saravolatz, W. Qureshi, B. Ulgen, D. Vasquez,

L. Saravolatz, C. Chen-Scarabelli, **T.M. Scarabelli**

St John Hospital/Wayne State University, MI, USA

THE USE OF AUTOLOGOUS STEM CELLS CD133 + FOR REGENERATIVE TREATMENT OF CARDIO-VASCULAR DISEASES

U. Kurbonov, **M. Khidirov**, S. Muminjonov, A. Didary, J. Irgasheva,

M. Rahmatov, A. Gaibov, A. Barotov, Z. Rakhimov, M. Mirshahi

Stem Cells Laboratory of Central Scientific Research Center of Avicenna Tajik

State Medical University, Dushanbe, Tajikistan



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P402 VASCULAR BIOLOGY, BASIC RESEARCH II

MODULATION OF POTASSIUM CHANNELS BY HYDROGEN SULFIDE IN NORMAL AND NaCl-LOADED MALE ALBINO RAT AORTIC RINGS

O. Al-Habib, A. Qadir

Dept. of Biology, College of Science, University of Zakko, Kurdistan Regional Government, Iraq

PROBUCOL INHIBIT VASCULAR SMOOTH MUSCLE CELL PROLIFERATION VIA UP-REGULATION OF KLF4 AFTER BALLOON INJURE OF RAT CAROTID ARTERIES

D. Hongmei, H. Lan, D. Meng, W. Qian

Institute of Cardiovascular Disease, XinQiao Hospital, Third Military Medical University, ChongQing, China

CYSTATIN-C OR MICROALBUMINURIA-A NEW MARKER OF ATHEROSCLEROSIS

N.N. Sharma, R. Jain, Postgraduate Institute of Medical Sciences, Rohtak, Haryana, India

P308 GENETIC DIAGNOSIS AND GENETIC THERAPIES IN CARDIOVASCULAR DISEASE

HAPLOTYPE ANALYSIS OF COMMON MUTATIONS OF AUTOSOMAL DOMINANT HYPERCHOLESTEROLEMIA PATIENTS IN TAIWAN

M.J. Charng, K.R. Chiou

Taipei Veterans General Hospital, Taipei, Taiwan

P502 CARDIAC CT, PET AND MRI

PERICARDIAL FAT VOLUME IS NOT ASSOCIATED WITH RECURRENCE OF ATRIAL FIBRILLATION AFTER ABLATION

B.A. Ababneh, P.N. Tadros, D.R. Lakkireddy, L.H. Wetzel, **T.L. Rosamond**
University of Kansas, Kansas City, KS, USA

INTEGRATED ASSESSMENT OF DIASTOLIC AND SYSTOLIC VENTRICULAR FUNCTION USING DIAGNOSTIC CARDIAC MAGNETIC RESONANCE CATHETERIZATION

B. Schmitt, P. Steendijk, K. Lunze, S. Ovroutski, J. Falkenberg,

P. Rahmzadeh, N. Maarouf, P. Ewert, F. Berger, T. Kuehne
Dept. of Congenital Heart Defects, German Heart Institute Berlin, Germany

OPTIMAL SCAN TIMING FOR ISCHEMIA DETECTION BY CT MYOCARDIAL PERFUSION IMAGING

K.T. Ho, Q.W. Yong, C. Panknin

Heart Consultants Pte Ltd, Mount Alvernia Hospital, Singapore

BETA2-ADRENERGIC RECEPTOR POLYMORPHISM ALTERS RESPONSE TO ACUTE BETA-BLOCKADE PRIOR TO GATED CORONARY COMPUTED TOMOGRAPHIC ANGIOGRAPHY

V. Cotarlan, A. Brofferio, J. Sartorius, G. Gerhard, X. Chu, K. Clark, **J. Shirani**

Geisinger Medical Center, Danville, PA, USA



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INCIDENTAL AORTIC VALVE CALCIFICATION ON CT SCANS: SIGNIFICANCE FOR BICUSPID AND TRICUSPID AORTIC VALVE DISEASE

S.E.S. Crook, J.P. Wu, E. Tseng, M.D. Hope
University of California - San Francisco, San Francisco, CA, USA

DIASTOLIC DYSFUNCTION IN LEFT BUNDLE BRANCH BLOCK: A CARDIOVASCULAR MAGNETIC RESONANCE IMAGING STUDY

S. Kumar, R.S. Marfatia, D. Iyengator, R. Feinn, E. Kaloudis, C. Yang, E. Avelar,
University of Connecticut Health Center, Farmington, CT, USA

STRESS CARDIAC MAGNETIC RESONANCE IN AN OUTPATIENT SETTING: A FIVE YEAR EXPERIENCE IN > 1300 PATIENTS

J.M. Sztajzel, S. SuPrat-Gonzalez, A.A. Fassa, Y. Magliano, A. Naimi
Centre de Diagnostic Radiologique de Carouge, Geneva, Switzerland

IMAGING OF CORONARY ARTERY FISTULAS BY MULTIDETECTOR COMPUTED TOMOGRAPHY: IS MULTIDETECTOR COMPUTED TOMOGRAPHY SENSITIVE?

F. Kacmaz, N. Isiksalan Ozbulbul, O. Alyan, O. Maden, A.D. Demir, R. Atak,
Y. Balbay, A.R. Erbay, T. Olcer, E. Ilkay
TOBB Economy and Technology University Hospital, Ankara, Turkey

ASYMPTOMATIC PULMONARY EMBOLUS PATIENTS IN DEEP VEIN THROMBOSIS

M. Nakao, N. Nakajima, T. Ogawa, S. Hoshino
Fukushima First Hospital, Fukushima, Japan

CORONARY ARTERY CALCIFICATION AND ITS RELATION TO SYSTOLIC FUNCTION ESTIMATED BY MSCT IN CHRONIC CORONARY DISEASE

I.M. Burazor, Z. Radovanovic, M. Burazor, P. Bosnjakovic, D. Ilic, S. Susak,
M. Lazovic, Z. Perisic, Z. Burazor, N. Burazor
Clinical Center Nis, Serbia,

CONTRAST DYNAMICS AND OPTIMAL CT SCAN TIMING FOR INFARCTION: LESSONS FROM THE DUAL SOURCE CT

C. Panknin, Q.W. Yong, **K.T. Ho**
Heart Consultants Pte Ltd, Mount Alvernia Hospital, Singapore

P512 CAD: PROGNOSIS, RISK STRATIFICATIONS

DIASTOLIC FUNCTION IMPROVES PERFORMANCE OF THE GRACE RISK MODELS IN PATIENTS WITH NON-ST-ELEVATION ACUTE CORONARY SYNDROME

S. Napan, T.A. Kassim, B. Curry, M.D. Greenberg
Howard University Hospital, Washington, DC, USA

CLINICAL RISK STRATIFICATION IS SUPERIOR TO ROUTINE NON-INVASIVE TESTING FOR ACUTE CHEST PAIN

V. Cotarlan, D. Ho, J. Pineda, B. Burgess, J. Shirani
Geisinger Medical Center, Danville, PA, USA



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DEPRESSION, METABOLIC SYNDROME AND OUTCOMES OF ACUTE CORONARY SYNDROME

Z. Yekta, A. Rostamzadeh, R. Pourali
Urmia University of Medical Sciences, Urmia, Iran

FEMALE GENDER IS NOT PREDICTIVE OF HOSPITAL MORTALITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY

C. Chen-Scarabelli, L. Il Saravolatz, L. Saravolatz, G. Faggian, A. Mazzucco,
T.M. Scarabelli

Center for Heart and Vessel Preclinical Studies, St John Hospital/Wayne State University, VA Ann Arbor Healthcare System, University of Michigan, USA, University of Verona, Italy

PREDICTIVE ABILITY OF TIMI AND GRACE SCORING IN OUTCOMES OF PATIENTS WITH NON-ST ELEVATION MYOCARDIAL INFARCTION

I.P.N. Bundalian, R.E. Ramboyong
The Medical City, Cardiovascular Center, Pasig City, Philippines

PREDICTION OF LENGTH OF STAY FOLLOWING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

A. Negassa, S. Monrad
Division of Biostatistics, Department of Epidemiology and Population Health, Albert Einstein College of Medicine, Bronx, NY, USA

LONG-TERM PREDICTORS OF MAJOR ADVERSE CARDIAC EVENTS IN AFRICAN-AMERICAN PATIENTS FROM AN URBAN CHEST PAIN UNIT

S.A. Siddiqui, **S.M. Ahmad**, A. Alchakaki, N.V.A. Kommuri, V. Veeranna, S.J. Muddasser, R.K. Syed, A. Jahangir, S.A. Mahmood
DMC Sinai Grace Hospital, Detroit, MI, USA

WHITE BLOOD CELL COUNT AND HS-CRP AS PREDICTORS OF SEVERITY OF CORONARY STENOSIS AND OUTCOMES IN PATIENTS WITH ACUTE CORONARY SYNDROME

M.C. Gonzales, G.C. Vilela
Philippine Heart Center, Quezon City, Philippines

PREDICTORS OF RE-ADMISSION IN AFRICAN-AMERICAN PATIENTS WITH LOW-MODERATE RISK CHEST PAIN

N.V.A. Kommuri, **A.F. Alchakaki**, S.M. Ahmad, S.A. Siddiqui, V. Veeranna, S.J. Muddasser, R.K. Syed, A. Jahangir, S.A. Mahmood
DMC Sinai Grace Hospital, Detroit, MI, ²Mayo Clinic, Scottsdale, AZ, USA

P407 PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

ASSOCIATION BETWEEN BLOOD RHEOLOGY AND CAROTID ARTERY ATHEROSCLEROSIS

A. Rekhviashvili, O. Samuel, N. Papapietro
Beth Israel Medical Center, Albert Einstein College of Medicine, New York, NY, USA



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SURGICAL REPAIR OF SEVERE COARCTATION OF THE AORTA IN INFANTS

K. Kirali, M. Basaran, N. Cimen, S. Sarikaya, O. Kocamaz, A. Ak, T. Ozer,
B. Ozbek, M. Kis, M. Sismanoglu
Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey

**TRANSTHORACIC ECHOCARDIOGRAPHIC PREDICTORS OF SEVERE AORTIC
ATHEROSCLEROSIS: A RETROSPECTIVE STUDY**

T.A. Rousan, B.M. Hawkins, P.M. Lozano
University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

**INFANTS WITH PROTEIN ENERGY MALNUTRITION, CARDIAC ASPECT AND
SYSTOLIC, DIASTOLIC FUNCTIONS AND LV MASS INDICES**

S.S. Sheta
Cairo University Children Hospital, Cairo, Egypt

**PLACEMENT OF CENTRAL CATHETERS IN PATIENTS WITH CONGENITAL
HEART AND CENTRAL VENOUS DISORDERS:
IMAGING, METHODS, TECHNIQUES, RESULTS**

J. Tisnado, J. Tisnado, D.J. Komorowski, M.K. Sydnor, W.C. Fox
MCV Hospitals/VCU Medical Center, Richmond, VA, USA

**NO AORTIC VALVE IS TOO SMALL FOR SUCCESSFUL OUTCOMES FOR
SINGLE STAGED BIVENTRICULAR REPAIR OF IAA/VSD**

A.A. Patel, R. Walsh, S. Srivastava, K. Nguyen
Mount Sinai Medical Center, New York, NY, USA

P406 PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

**RISK STRATIFICATION WITH TIMI, PURSUIT AND GRACE AND BENEFIT OF
EPLERENONE IN PATIENTS WITH POST-MI HEART FAILURE**

J. Vincent, S. Sutradha, F. Zannad
Pfizer Inc, New York, NY, USA

**HEIGHT AND RISK OF HEART FAILURE IN THE PHYSICIANS' HEALTH
STUDY I**

A.O. Akinkuolie, A.O. Ashaye, J.M. Gaziano, L. Djousse
Boston University School of Public Health, Boston, MA, USA

**RDW CORRELATES WITH LEFT ATRIAL DIMENSION AND LVEDP IN
CATHETERIZED PATIENTS WITH LEFT VENTRICULAR DYSFUNCTION**

F. Alattar, N. Imran, S. Usmani, **P. Patel**, F. Shamoon
Trinitas Regional Medical Center, Seton Hall University, Elizabeth, NJ, USA

**COMPARISON OF REST VERSUS STRESS INDUCED DYSSYNCHRONY AS A
PREDICTOR OF RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY**

V. Suma, A. Shah, S. Bangalore, A.N. Makaryus, J.S. Steinberg, F.A. Chaudhry
North Shore University Hospital, Manhasset, NY, USA

**A COMPARISON OF NT-PROBNP AND ALBUMINURIA FOR PREDICTING
CARDIAC EVENTS IN PATIENTS WITH DIABETES MELLITUS**

M. Resl, S. Neuhold, M. Clodi, I. Brodnjak, W. Jakober, G. Strunk, R. Prager,
A. Luger, M. Huelsmann, **R. Pacher**
Medical University of Vienna, Department of Cardiology, Austria



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MONDAY, JULY 25, 2011

THE CHANGING LANDSCAPE - CHALLENGES AND OPPORTUNITIES FOR
PALLIATIVE CARE IN THE HEART FAILURE POPULATION

M.P. Slawnych

University of Calgary, Calgary, Alberta, Canada

EFFECT OF OBESITY ON HEART FAILURE OUTCOMES IN A
PREDOMINANTLY INNER CITY MINORITY COHORT

O. Odiete, K. Taylor, C. Nwazue, H. Henderson, M. Wariboko, K. Figueroa,
D.B. Sawyer, H. Okafor

Meharry Medical College, Nashville TN, USA

HEART FAILURE SCREENING USING BREATH ANALYSIS

T. Mussivand, I. Kandalaf

University of Ottawa Heart Institute, Ottawa, ON, Canada

P310 MISCELLANEOUS

DO BASELINE CARDIAC STRAIN, RIGHT VENTRICULAR FUNCTION AND OR
SIZE CORRELATE WITH TROPONIN RELEASE FOLLOWING MARATHON
PARTICIPATION?

M.W. Tempelhof, M.S. Albaghdadi, J. Puthumanna, B. Fey, G.T. Chiampas
Dept. of Cardiology, Northwestern University, Chicago, IL, USA

ASSESSMENT OF OCCUPATIONAL ACTIVITY USING HEART RATE
HISTOGRAMS

J.R. Wicks, K. McKenna, S.T. McSorley, D.L. Craig

Greenslopes Hospital, Brisbane, Queensland, Australia

A NEW NON-CONTACT VITAL SIGN MONITORING SYSTEM BY MICROWAVE
RADARS

A. Kurita, T. Matsui, Y. Yoshida, E. Kodani, B. Takase, Y. Kusama, H. Atarashi
Fukuinkai Clinic, Tokyo, Japan

CARDIAC MYXOMAS AMONG HISPANICS AND CAUCASIANS: THE MIAMI
BEACH EXPERIENCE

A. Pineda, A.M. Benjo, B. Correal, J. Reyna, F. Nascimento, J.C. Brenes
Mount Sinai Medical Center - Columbia University, FL, USA

ECHOCARDIOGRAPHIC ABNORMALITIES IN UNSELECTED POPULATION OF
PATIENTS WITH RHEUMATOID ARTHRITIS (RA)

S. Salman, S. Jadir, Oman Medical College, Sohar, Oman

KOUNIS SYNDROME PRESENTING AS ANGIOEDEMA -INDUCED
MYOCARDIAL INFARCTION IN AN ELDERLY PATIENT

E. Salem, M. Elder, K. Aburashed, J. Abuzetun

Heart and Vascular Institute, Wayne State University, Detroit, MI, USA

ACUTE EFFECTS OF ENERGY DRINK ON CARDIOVASCULAR FUNCTION AND
ELECTROCARDIOGRAPHIC PARAMETERS AMONG YOUNG ADULTS

J.E. Elcano, R.E. Ramboyong, M.F. Ramirez

The Medical City, Pasig City, Manila, Philippines



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TUESDAY, JULY 26, 2011

08:30 – 10:30

Hall A

- PL:14** **Plenary Session**
NEW FRONTIERS IN HEART FAILURE AND CVD: NOVEL DISCOVERY APPROACHES, NEW MOLECULAR FINDINGS AND POTENTIAL TARGETS FOR THERAPY
- 08:30 WHY DO HERG CHANNELS ACTIVATE SLOWLY? FLUORESCENCE SPECTROSCOPY AND GATING CURRENT MEASUREMENTS SHED NEW LIGHT ON VOLTAGE SENSOR-PORE COUPLING (Invited Lecture)
D. Fedida, University of British Columbia, Vancouver, BC, Canada
- 08:45 EARLY CHANGES IN CARDIAC MITOCHONDRIAL CAPACITY DURING THE DEVELOPMENT OF DIASTOLIC HEART FAILURE (Invited Lecture)
G. Lopaschuk, University of Alberta, Edmonton, AB, Canada
- 09:00 MITOCHONDRIAL ABNORMALITIES IN THE FAILING HEART: A POTENTIAL TARGET FOR THERAPY (Invited Lecture)
H.N. Sabbah, Henry Ford Heart & Vascular Institute, Detroit, MI, USA
- 09:15 BIOLOGY OF AGING AND HEART FAILURE MANAGEMENT (Invited Lecture)
B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, Canada
- 09:30 EARLY DYSTROPHIN DISRUPTION IN THE PATHOGENESIS OF EXPERIMENTAL CHRONIC CHAGAS CARDIOMYOPATHY (Invited Lecture)
M.A. Rossi, University of Sao Paulo, Ribeirao Preto, S.P., Brazil
- 09:45 MULTIPARAMETRIC APPROACH TO THE ANALYSIS OF THE NEUROHUMORAL STATUS IN HEART FAILURE (POSSIBLE MEANING AND CLINICAL USE OF INTERACTION AMONG THE MARKERS) (Invited Lecture)
S. Dalla-Volta, University of Padova Medical School, Padova, Italy
- 10:00 ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA/CARDIOMYOPATHY: NOVEL INSIGHTS IN A LIFE-THREATENING DISORDER (Invited Lecture)
L. Mestroni, University of Colorado, Aurora, CO, USA
- 10:15 MECHANISMS DIABETIC CARDIOMYOPATHY: INSIGHTS FROM A NEW MURINE MODEL (Invited Lecture)
K.D. O'Brien, University of Washington, Seattle, WA, USA
- 10:30 CARDIOVASCULAR SIGNIFICANCE OF THE NATRIURETIC PEPTIDE SYSTEM (Invited Lecture)
I. Kishimoto, National Cerebral and Cardiovascular Center, Suita City, Osaka
- 10:45 FINDING NEW TARGETS FOR HEART FAILURE: PROTEASE ACTIVATED RECEPTORS (Invited Lecture)
B.C. Blaxall, University of Rochester Medical Center, Rochester, NY, USA
- 11:00 ADIPOSITY-RELATED INFLAMMATION AND CARDIAC STRUCTURE AND FUNCTION (Invited Lecture)
M. Allison, University of California San Diego, La Jolla, CA, USA



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Hall B

PL:15 **Plenary Session**
CARDIOVASCULAR RISK ASSESSMENT

- 08:30 WINTER AND VENOUS THROMBOEMBOLISM: A HARMFUL ASSOCIATION?
(Invited Lecture)
R. Manfredini, University of Ferrara, Ferrara, Italy
- 08:45 PROGRESS AND IMPORTANCE OF VASCULAR EVALUATIONS IN
CARDIOVASCULAR DISEASES (Invited Lecture)
T. Tomaru, Toho University Sakura Hospital, Japan
- 09:00 PERIPHERAL ARTERIAL AND VENOUS DISEASE AND MORTALITY IN A
MULTI-ETHNIC POPULATION: THE SAN DIEGO POPULATION STUDY
(Invited Lecture)
M.H. Criqui, University of California, San Diego, La Jolla, CA, USA
- 09:15 NONSTEROIDAL ANTI-INFLAMMATORY DRUGS AND CARDIOVASCULAR
RISK: A 2011 UPDATE (Invited Lecture)
M. Farkouh, Peter Munk Cardiac Centre, University Health Network,
ON, Canada
- 09:30 CORONARY DISEASE IN WOMEN - HOW DOES IT DIFFER FROM MEN?
(Invited Lecture)
K.A. Adarsh, Govt. Medical College/G.N.D. Hospital, Amritsar, India
- 09:45 ASSOCIATION BETWEEN CAROTID AND CORONARY STENOSIS –
A NON-INVASIVE STUDY (Invited Lecture)
Y. Charuzi, UCLA School of Medicine, Los Angeles, CA, USA
- 10:00 PLASMA FOLATE AND HOMOCYSTEINE IN SMOKERS IN RELATION TO
CARDIOVASCULAR DISEASE (Invited Lecture)
K. Okumura, Toki Municipal General Hospital, Toki, Gifu Prefecture, Japan
- 10:15 HEART RATE - WHAT ROLE IN CV RISK AND PROTECTION?
(Invited Lecture)
S. Gupta, Whipps Cross and St. Bartholomew's Hospitals, Leytonstone, UK
- 10:30 ADIPONECTIN AND RISK OF HEART FAILURE IN THE PHYSICIANS' HEALTH
STUDY (Invited Lecture)
L. Djousse, Brigham and Women's Hospital, Boston, MA, USA
- 10:45 ASSOCIATION BETWEEN PNEUMOCOCCAL VACCINATION AND ACUTE
CORONARY SYNDROMES: REAL OR NOT? (Invited Lecture)
M. Zahid, University of Pittsburgh, PA, USA



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Hall C

S34 **Session**
INTERVENTIONAL CARDIOLOGY

- 08:30 A NEW ELECTROCARDIOGRAPHIC CRITERION FOR DEFINING THE CULPRIT ARTERY IN INFERIOR WALL MYOCARDIAL INFARCTION (IWMI)
S. Dani, B. Weiner, M.E. Josephson
Departments of Medicine and Cardiology, Saint Vincent Hospital, Worcester, MA, USA
- 08:45 ASSOCIATION OF SIGNIFICANT OBSTRUCTIVE CORONARY ARTERY DISEASE IN PATIENTS WITH DETECTIBLE LEVELS OF TROPONIN LESS THAN THE 99TH PERCENTILE ON A HIGH SENSITIVITY TROPONIN ASSAY
N. Adoni, W. Khalife, **V.K. Mukku**
University of Texas Medical Branch, Galveston, TX, USA
- 09:00 PRE-HOSPITAL NOTIFICATION TO CARDIOLOGIST REDUCES DOOR-TO-BALLOON TIME IN ACUTE MYOCARDIAL INFARCTION
J.H. Choi, K.S. Cha, H.W. Lee, M.J. Yang, J.H. Oh, J.H. Choi, H.C. Lee, T.J. Hong, S.J. Cho, J.S. Choi, Pusan National University Hospital, Busan, Korea
- 09:15 MODERATE LESIONS ARE OFTEN SEVERE AND DIAGNOSABLE BY QUANTITATIVE CORONARY ANGIOGRAPHY (QCA)
C.L. Laham, M.S. Chandra, M.J. McMahon, R. Venzon, M. Jerin, N.W. Shammass, St. Lukes Hospital, Cedar Rapids, IA, USA
- 09:30 DIAGNOSTIC PROCEDURES WITH 4FR CATHETER BY FEMORAL APPROACH VS TRANSRADIAL APPROACH: COMPARATIVE STUDY
R.M. Valdesuso, R.C. Rodriguez, F.J. Lacunza, J.R. Gimeno, J.A. Hurtado, J. Garcia de Lara, M. Valdes, Hospital Universitario Virgen de la Arrixaca, Murcia, Spain
- 09:45 PERIPHERAL ENDOVASCULAR INTERVENTIONS IN LIMB SALVAGE FOR CRITICAL LIMB ISCHEMIA: APPROACHING A NEW PARADIGM
M.J. Sumners, L.J. Diaz-Sandoval, J.A. Mustapha, C. Heaney
Metro Health Hospital, Wyoming, MI, USA
- 10:00 REDUCED THROMBOGENICITY OF STENTS-IN VITRO AND IN VIVO EVALUATION OF SURFAEC MODIFICATION AND COATING
R. Bakhshi, B. Cousins, A. Darbyshire, G. Hamilton, A.M. Seifalian
Division of Surgery and Interventional Science, University College London
- 10:15 PROLONGED DUAL ANTI-PLATELET THERAPY PREVENTS VERY LATE STENT THROMBOSIS AFTER STENTING OF BIFURCATIONS WITH THE "CRUSH" TECHNIQUE" USING DRUG -ELUTING STENTS
S. Sharma, K. Bhalla, A. Antonescu, B.K. Bhambi, W. Nyitray, K.R. Desai, T. Ishimori, Bakersfield Heart Hospital, Bakersfield, CA, USA
- 10:30 LOW-DOSE CT ASSESSMENT OF CORONARY STENTS IN A LARGE COHORT WITH HIGH-PTICH SPIRAL ACQUISITION MODE
K.T. Ho, Q.W. Yong, C. Panknin
Heart Consultants Pte Ltd, Mount Alvernia Hospital, Singapore



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10:45 SPONTANEOUS CORONARY ARTERY DISSECTION: CASE SERIES
WITH EXTENDED FOLLOW UP
P. Kansara, S. Graham
The State University of New York at Buffalo, Williamsville, NY, USA

11:00 – 13:45

Hall A

PL:16 Plenary Session

**VALVULAR HEART DISEASE - TRANSLATIONAL SCIENCE FROM THE
BENCH TO THE BEDSIDE**

11:00 THE ROLE OF OXIDATIVE STRESS AND LRP5 BONE FORMATION IN
CALCIFIC AORTIC VALVE DISEASE (Invited Lecture)
N. Rajamannan, Northwestern University Feinberg School of Medicine,
Chicago, IL, USA

11:15 IMPACT OF MITRAL VALVE REPAIR IN PATIENTS WITH END-STAGE
CONGESTIVE HEART FAILURE (Invited Lecture)
D.M. Meyer, University of Texas Southwestern Medical Center at Dallas,
TX, USA

11:30 COMBINED STRUCTURAL HEART DISEASE INTERVENTIONS
(Invited Lecture)
A.A. Khattab, University Hospital, Bern, Switzerland

11:45 IMAGING OF THE AORTIC ROOT FOR TRANSCATHETER AORTIC VALVE
IMPLANTATION (TAVI) (Invited Lecture)
S. Lerakis, Emory University Hospital, Atlanta, GA, USA

12:00 TRANSCATHETER VALVE-IN-VALVE IMPLANTATION FOR FAILED
BIOPROSTHESES (Invited Lecture)
J. Ye, St. Paul's Hospital, Vancouver, BC, Canada

12:15 19 YEARS FOLLOW-UP RESULTS OF MITRAL BALLOON VALVULOPLASTY
AND ITS EFFECT ON LEFT VENTRICULAR FUNCTION, SEVERE PULMONARY
HYPERTENSION, AND SEVERE TRICUSPID REGURGITATION
(Invited Lecture)
M. Eid Fawzy, Sixth of October University, Egypt

12:30 RHEUMATIC FEVER: ANCIENT DISEASE GRIPPING THE DEVELOPING
WORLD (Invited Lecture)
M. Atiq Ahmed, Aga Khan University Hospital, Pakistan

12:45 RISK OF RE-OPERATION AFTER AORTIC VALVE REPLACEMENT BY A
MOSAIC MEDTRONIC TISSUE VALVE
D.Y. Loisanche, M. Kirsch, K. Nakashima, J. Wujila, S. Dreyfus
Institute of Cardiology, Pitie, Paris



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- 13:00 DEVELOPMENT OF A COMPLETELY AUTOLOGOUS VALVED CONDUIT WITH THE SINUS OF VALSALVA USING IN-BODY TISSUE ARCHITECTURE TECHNOLOGY
M. Yamanami, M. Uechi, M. Fujiwara, H. Ishibashi-Ueda, K. Kanda, T. Watanabe, T. Tajikawa, K. Ohba, H. Yaku, Y. Nakayama
Kyoto Prefectural University of Medicine, Kyoto
- 13:15 CORONARY ARTERY ANOMALIES IN PATIENTS WITH BICUSPID AORTIC VALVE DISEASE
T.H. Tajouri, G. Kumar, W.D. Edwards, S. Phillips, K.W. Klarich
Mayo Clinic, Rochester, MN, USA
- 13:30 CEREBRAL ISCHEMIA IS ASSOCIATED WITH COGNITIVE DECLINE FOLLOWING CARDIAC VALVE SURGERY
P.A. Barber, **F.P. Milsom**, L.F. Tippett, A.F. Merry
University of Auckland, New Zealand

11:00 – 14:00

Hall B

S35

Session

HEART FAILURE, MECHANISMS AND MANAGEMENT

- 11:00 COMBINED ENDURANCE-RESISTANCE TRAINING VERSUS ENDURANCE TRAINING IN PATIENTS WITH CHRONIC HEART FAILURE: A PROSPECTIVE RANDOMIZED STUDY
P.J.M. Beckers, J. Denollet, N.M. Possemiers, F. Wuyts, C.J. Vrints, V.M. Conraads, Antwerp University Hospital, Edegem, Antwerp, Belgium
- 11:15 ECHOCARDIOGRAPHIC MEASURES OF SYSTOLIC AND DIASTOLIC FUNCTION AS PREDICTORS OF INCIDENT HEART FAILURE IN METABOLIC SYNDROME AND DIABETES
A.M. Donohue, D. Glovaci, J.M. Gardin, J.S. Gottdiener, T. Suzuki, **N. Wong**
University of California, Irvine, CA, USA
- 11:30 REGULATION OF ALDOSTERONE LEVELS BY ADRENAL BETAARRESTIN-1 AS A NEW MOLECULAR TARGET IN HEART FAILURE
A. Lymperopoulos, G. Rengo, W.J. Koch
College of Pharmacy, Nova Southeastern University, Ft. Lauderdale, FL, USA
- 11:45 HIGH ADIPONECTIN LEVELS, A MARKER OF WASTING IN CHRONIC HEART FAILURE?
A.M. Van Berendoncks, P. Beckers, V.Y. Hoymans, N. Possmiers, C.J. Vrints, J. Gielen, V.M. Conraads
Antwerp University Hospital, Antwerp, Belgium
- 12:00 HEART FAILURE RISK IN NORMAL-WEIGHT PEOPLE WITH METABOLIC SYNDROME COMPARED TO METABOLICALLY HEALTHY OBESE INDIVIDUALS
C. Voulgari, **I. Moysakis**, D. Papadogiannis, D. Tousoulis, P. Dilaveris, C. Stefanadis, N. Tentolouris
Athens University Medical School, Athens, Greece



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- 12:15 THE IMPACT OF SERUM ALBUMIN ON MORTALITY AND HEART FAILURE HOSPITALIZATION IN PATIENTS WITH CHRONIC HEART FAILURE
V.M. Alla, **S. Kanuri**, Y.M. Reddy, R. Gangi, T. Ward, A. Mooss, C. Hunter, D. Esterbrooks, Creighton University Medical Center, Omaha, NE, USA
- 12:30 IMPACT OF LEFT VENTRICULAR CAVITY SIZE ON SURVIVAL IN ADVANCED HEART FAILURE
P.F. Pollice, P.P. Pollice, L.B. Leclecq
Dept. of Cardiovascular Surgery, Private Clinic. Andria, BT, Italy
- 12:45 PROGNOSTIC IMPLICATIONS OF SERUM HEAT SHOCK PROTEIN 60 LEVEL IN PATIENTS WITH HEART FAILURE
C. Bonanad, J. Nunez, J. Sanchis, V. Bodi, G. Minana, B. Mascarell, S. Ventura, P. Palau, P. Merlos, A. Llacer, Clinic Hospital Valencia, Spain
- 13:00 ASSESSMENT OF DIASTOLIC DYSFUNCTION IN PATIENTS WITH HYPERTENSION BY COMBINED CARDIOPULMONARY EXERCISE STRESS ECHOCARDIOGRAPHY TEST
I.P. Nedeljkovic, **M.C. Ostojic**, S. Mazic, V. Giga, D. Trifunovic, M. Banovic, A. Djordjevic-Dikic, J. Stepanovic, B. Beleslin, M. Nedeljkovic
Clinical Center of Serbia, Belgrade Medical School, Belgrade, Serbia
- 13:15 IRON DEFICIENCY WITH OR WITHOUT ANEMIA IS PRESENT IN MAJORITY OF HOSPITALIZED HEART FAILURE PATIENTS
P. Muthusamy, J. Sheagren, B. Van Over, A. Davis, V. Beals, A. Bhopalwala, M. Dickinson, Spectrum Health, Grand Rapids, MI, USA
- 13:30 COMBINATION OF BNP AND VE/VCO₂ IMPROVES RISK STRATIFICATION IN PATIENTS WITH DIASTOLIC HEART FAILURE
L. Li, J. Yan, S.J. Gong, Zhejiang Hospital, Hangzhou, China
- 13:45 "VALSALVA-CIRCULATION INDEX" A NEW NON-INVASIVE METHOD FOR DETERMINING THE ETIOLOGY OF UNEXPLAINED DYSPNEA
H.J. Semler, B.A. Borlaug, S. Scott, K. Nielson, L.E. Adams, A. From
Oregon Health Science University, Portland, OR, USA



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Hall C

S36

Session

**ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION,
INTERVENTIONAL CARDIOLOGY**

- 11:00 PROTECTION FROM ISCHEMIA-REPERFUSION INJURY BY N-BENZYLADRIAMYCIN-14-VALERATE (AD198)
J.E. Soberman, N. Brydon, K.E. Lothstein, C. Cai, L. Lothstein, P.A. Hofmann
University of Tennessee Health Science Center, Memphis, TN, USA
- 11:15 DOOR TO BALLOON TIME LESS THAN THIRTY MINUTES: THE LEHIGH VALLEY HEALTH NETWORK (LVHN) EXPERIENCE
M.L. Sarkees, M.W. Martinez, B. Feldman, J.P. Kleaveland, O. Rivera, M. Rossi, W. Combs, D.A. Cox, R. Freudenberger, N. Patel
Lehigh Valley Health Network, Allentown, PA, USA
- 11:30 PREVALENCE OF CLOPIDOGREL HYPO-RESPONSIVENESS IN CORONARY STENT PATIENTS PRESENTING TO HOSPITAL EMERGENCY ROOM WITH CHEST PAIN
R.K. Sharma, H.K. Reddy, M. Moazazi, L. Elango, N. Karavadia, R. Lagaspi, R. Sharma, K. Singh, K. Williams, D.J. Voelker
University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 11:45 ROUTINE ANGIOPLASTY AFTER FIBRINOLYTIC THERAPY FOR ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION: AN UPDATED META-ANALYSIS (RAFT-STEMI)
J.D.A. Magno, J.D. Alcover, A.D.C. Javier, F.E.R. Punzalan
Section of Cardiology, Department of Medicine, Philippine General Hospital, Manila, Philippines
- 12:00 ASSOCIATION OF SYMPTOM ONSET-TO-DOOR AND DOOR-TO-BALLOON TIME WITH ONE-YEAR MORTALITY IN MYOCARDIAL INFARCTION
H.W. Lee, K.S. Cha, J.H. Choi, M.J. Yang, S.G. An, J.H. Oh, J.H. Choi, H.C. Lee, T.J. Hong, M.H. Jeong
Busan National University Hospital, Busan, Korea
- 12:15 TIME DELAY FROM SYMPTOM ONSET TO HOSPITAL PRESENTATION WITH ST ELEVATION MYOCARDIAL INFARCTION AND 30-DAY MORTALITY
R. Dhingra, J.F. Robb, J.E. Jayne, N.W. Niles II
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA
- 12:30 CAUSES OF INCREASED CARDIAC TROPONIN I LEVELS IN HOSPITALIZED PATIENTS WITHOUT CORONARY ARTERY DISEASE
A. Patil, M. Alexa, H.M. Lai, W.S. Aronow, S. Jesmajian
Sound Shore Medical; Center, New Rochelle and New York Medical College, Valhalla, NY, USA



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- 12:45 SOLUBLE LECTIN-LIKE OXIDIZED LDL RECEPTOR-1 IS A DIAGNOSTIC AND PROGNOSTIC BIOMARKER FOR ACUTE CORONARY SYNDROME
N. Kume, Kyoto University, Kyoto, Japan
- 13:00 INFARCT RELATED ARTERY VERSUS MULTIVESSEL REVASCULARIZATION IN ACUTE STEMI WITH MULTIVESSEL DISEASE
H.W. Lee, M.J. Yang, S.K. Ahn, B.W. Kim, J.H. Choi, J.H. Oh, J.H. Choi, H.C. Lee, K.S. Cha, T.J. Hong
Busan National University Hospital, Busan, South Korea
- 13:15 MARKERS OF PLATELET ACTIVATION ARE HIGHER IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROME
A. Shah, B. Bhushan, P. Phillips, A. Gaba, P. Gaba, E. Subkovas, P.K. Das, C.M. Bellamy, D. Gooray, L. Green, Glan Clwyd Hospital, Bodelwyddan, UK

08:00 – 13:00

Poster Hall

P504 INTERVENTIONAL CARDIOLOGY II

CLOPIDOGREL HYPORESPONSIVENESS, INTERACTING WITH DIABETES MELLITUS, PREDICTS 2-YEAR CARDIOVASCULAR OUTCOME AMONG TAIWANESE POPULATION RECEIVING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

P.Y. Liu, L.J. Hsu, P.T. Lee, C.H. Lee, J.Y. Chen, Y.H. Liu, L.M. Tsai, J.H. Chen
National Cheng Kung University Hospital, Tainan, Taiwan

THE EFFICACY AND SAFETY OF PRO-KINETIC METAL ALLOY STENT IN HOSPITALIZED PATIENTS WITH ACUTE ST-ELEVATION MYOCARDIAL INFARCTION (THE PROMETHEUS TRIAL)

T.J. Youn, S.Y. Lim, W.Y. Chung, J.W. Bae, S.Y. Kim, K.S. Kim
Seoul National University Bundang Hospital, Seongnam, Korea

DIRECT ADMISSION TO CATHETERIZATION LABORATORY REDUCES DOOR-TO-BALLOON TIME FOR PRIMARY CORONARY INTERVENTION

M.J. Yang, K.S. Cha, H.W. Lee, J.H. Choi, B.W. Kim, S.G. An, J.H. Oh, J.H. Choi, H.C. Lee, T.J. Hong
Pusan National University Hospital, Busan, Korea

RCT DOUBLE BLIND 600MG CLOPIDOGREL VS 300MG IN PATIENTS UNDERGOING ELECTIVE PCI AT THE PHILIPPINE HEART CENTER

K.H. Bantala, J. H., J. J
Philippine Heart Center, Manila, Philippines



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OUTCOMES OF PATIENTS TREATED WITH THE EVEROLIMUS-ELUTING STENT AT A TERTIARY MEDICAL CENTER

E. Nader, G.A. Shammass, M. Jerin, N.W. Shammass
Midwest Cardiovascular Research Foundation, Davenport, IA, USA

RETRIEVAL, REPOSITIONING, UNKNOTTING, AND STRIPPING OF INTRACARDIAC CATHETERS AND FOREIGN BODIES

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POLYMER FREE SIROLIMUS ELUTING STENT IN COMBINATION WITH OTHER STENTS IN SAME PATIENT- A SINGLE CENTRE EXPERIENCE

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NEW STENT DESIGN TO PERFORM SZABO TECHNIQUE

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P305 ATHEROSCLEROSIS: RENAL ASPECTS

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S.H. Chang, C.T. Tsai, A.M.F. Yen, T.H.H. Chen, C.D. Tseng
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ELEVATED B-TYPE NATRIURETIC PEPTIDE PREDICTS CONTRAST INDUCED NEPHROPATHY IN CORONARY INTERVENTIONS

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P505 DIABETES MELLITUS, THE METABOLIC SYNDROME AND ATHEROSCLEROSIS: BASIC AND CLINICAL II

THE BENEFICIAL IMPACT OF SMOKING CESSATION ON DIABETIC COMPLICATIONS UPON DIAGNOSIS OF DIABETES

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RISK FACTORS OF CARDIAC AUTONOMIC NEUROPATHY IN DIABETES
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THE EFFECT OF BODY MASS INDEX ON CLINICAL CHARACTERISTICS AND EARLY OUTCOME IN ACUTE CORONARY SYNDROME
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W.K. Abdulatif, A.A. Gehani, R.F. Al-Aqeedi, W.K. Dabdoob, A. Bener, H.A. Albinali
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M.S. Farvid, F. Homayooni
Shaheed Beheshti University of Medical Sciences, Tehran, Iran

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CORRELATION OF CAROTID INTIMA MEDIA THICKNESS (CIMT) WITH ATHEROSCLEROSIS RISK MARKERS IN TYPE 2 DIABETIC INDIAN PUNJABI POPULATION
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P106 VALVULAR HEART DISEASE / HEART VALVE SURGERY

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S.S. Dhakal, S. Basnet, N.R. Shrestha, N. Bhatta, P. Karki
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PROGNOSTIC SIGNIFICANCE OF IMPAIRED BASELINE RENAL FUNCTION FOLLOWING BALLOON AORTIC VALVULOPLASTY

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A. Saxena, S. Ramakrishnan, A. Roy, A. Krishnan, P. Misra, B. Bhargava,
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DOES THROMBOCYTOPENIA AGGRAVATE EARLY OUTCOME AFTER AORTIC VALVE REPLACEMENT WITH A BIOPROSTHESIS

K Kirali, E. Aksoy, F. Buyukbayrak, M. Yanartas, A. Elibol, T. Ozer, K. Boyacioglu,
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DOES INTERMITTENT FASTING INCREASE THE RISK OF PROSTHETIC MITRAL VALVE THROMBOSIS?

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Y.P. Sharma, A. Subramaniyan, PGIMER, Chandigarh, India

INDUCED APOPTOSIS BY AN ESCHERICHIA COLI STRAIN IN AN EXPERIMENTAL ENDOCARDITIS MODEL

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SUPERIOR VENA CAVA AND RIGHT ATRIUM WALL INFECTIVE ENDOCARDITIS IN HEMODIALYSIS PATIENTS: A CASE SERIES AND REVIEW OF LITERATURE

S.T. Thakar, K.C. Janga, T. Tolchinsky, A. Sadiq, E. Lichstein, J. Shani
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PREVALENCE OF MITRAL VALVE PROLAPSE IN RUSSIAN POPULATION

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T. Habon, L. Czopf, E. Varady, G. Bogats, K. Toth
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SKELETAL FINDING IN PATIENTS WITH CALCIFIC AORTIC STENOSIS

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AORTIC ROOT REPLACEMENT WITH THE REIMPLANTATION PROCEDURE: SIMPLIFYING THE SIZING OF TUBULAR GRAFT

K. Kirali, O. Kocamaz, F. Buyukbayrak, H. Sacli, E. Aksoy, M. Akbulut, B. Ozbek, M. Basaran, M. Sismanoglu, I. Mataraci, Kartal Kosuyolu YIEA Hospital, Istanbul, Turkey

EFFECTS OF RIGHT CORONARY ARTERY INTERVENTION ON THE DEGREE OF MITRAL REGURGITATION

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PHYSICAL CAPACITY IN YOUNG AGE PERSONS WITH MITRAL VALVE PROLAPSE AND MARFANOID HABITUS

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P507 CARDIOMYOPATHIES: VARIOUS ETIOLOGIES

DIFFERENTIAL DIAGNOSIS FOR DILATED CARDIOMYOPATHY FROM ISCHEMIC HEART DISEASE

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MITRAL VALVE PROLAPSE CARDIOMYOPATHY

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A RETROSPECTIVE STUDY ON THE PREVALENCE OF VENTRICULAR NON-COMPACTION IN A MEDICINE WARD

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DIFFERENTIATING ISCHAEMIC FROM IDIOPATHIC DILATED CARDIOMYOPATHY USING DIFFERENT ULTRASONIC MODALITIES

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IMPACT OF DELAYED DIAGNOSIS AND CARDIAC EVALUATION ON OUTCOME OF AMYLOIDOSIS

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CD34+ AND ENDOTHELIAL PROGENITOR CELLS IN PATIENTS WITH ISCHEMIC HEART DISEASE AND CHRONIC HEART FAILURE

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COMBINED COLLAGEN AND NEURO-HORMONAL BIOMAKERS ARE HIGHLY PREDICTIVE OF MORTALITY AND MORBIDITY OUTCOMES IN POST- MI HEART FAILURE

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CHANGES IN LEFT VENTRICULAR MECHANICS IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA

R. Tkacova, G. Valocik, M. Brusik, Z. Sopkova, I. Tkac

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IMPACT OF EXERCISE TESTING MODE ON EXERCISE PARAMETERS IN PATIENTS WITH CHRONIC HEART FAILURE

P.J.M. Beckers, N.M. Possemiers, E.M. Van Craenenbroeck,

A.M. Van Berendoncks, K. Wuyts, C.J. Vrints, V.M. Conraads

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RESPIRATORY COMPENSATION POINT AND HEART RATE TURNING POINT PRECEDE THE SECOND LACTATE TURNING POINT IN PATIENTS WITH CHRONIC HEART FAILURE

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OUTCOMES IN PATIENTS ON BETA BLOCKER AND COCAINE USE

V.C. Nwazue, **O. Odiete**, E. Henderson, C. Mia, T. Ding, M.A. Wariboko,

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RELATION BETWEEN EXHALED NITRIC OXIDE AND LEFT VENTRICULAR PERFORMANCE IN CHRONIC HEMODIALYSIS PATIENTS

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ARTERIAL STIFFNESS IN PATIENTS WITH CORONARY ARTERY DISEASE AND HEART FAILURE

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RADIAL ARTERY CONDUIT IMPROVES LONG-TERM SURVIVAL IN WOMEN
K.R. Dimitrova, D.M. Hoffman, C.M. Geller, H. DeCastro, R.F. Tranbaugh
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INJECTION SITES DETERMINE THE OUTCOME OF CELL TRANSPLANTATION
IN A RAT CHRONIC MYOCARDIAL INFARCTION MODEL

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MINIMALLY INVASIVE APPROACH TO THE REPAIR OF ANOMALOUS
CORONARY ARTERIES

M. Takahashi, **G.H.L. Tang**, R.C. Reddy
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A SINGLE INSTITUTION'S REVIEW OF IAA/VSD REPAIRS AND NEED FOR
SURGICAL REINTERVENTION

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INFLUENCE OF GRAFT GEOMETRY ON HEMODYNAMICS IN A PROXIMAL
AORTA – CORONARY BY-PASS GRAFT

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OFF - PUMP VS ON – PUMP CABG: PROSPECTIVE DOUBLE BLIND
RANDOMIZED CONTROLLED TRIAL; POST OPERATIVE ANGIOGRAPHIC
STUDY AND QUALITY OF LIFE ASSESSMENT

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OFF - PUMP VS ON – PUMP: CORONARY ENDARTERECTOMY: SUB-STUDY
OF A PROSPECTIVE DOUBLE BLIND RANDOMIZED CONTROLLED TRIAL.

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OLD TIMER STRIKES A COMING BACK? THE EARLY AND MIDTERM RESULTS
OF TOTAL AORTIC ARCH REPLACEMENT FOR AORTIC ANEURYSM
WITHOUT CARDIOPULMONARY BYPASS

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CARDIAC TUMORS: IMAGING DETECTION, SURGICAL MANAGEMENT AND
HISTOPATHOLOGY OVER 12 YEARS IN A GERMAN HEART CENTER

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P511 CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT

DOES CYCLOSPORINE DOWN REGULATE IL-17A IN CARDIAC ALLOGRAFT
VASCULOPATHY?

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