

SCIENTIFIC PROGRAM

SUNDAY, JULY 17, 2005

09:00 - 10:15

**OPENING CEREMONY
OPENING LECTURE**

10:15 COFFEE BREAK, VISIT POSTERS & EXHIBITION

10:45 – 13:15

Hall A

**PL01: Plenary Session
MOLECULAR AND CELLULAR BIOLOGY, GENETIC STUDIES**

SARCOLEMMAL REMODELING IN HEART FAILURE DUE TO MYOCARDIAL INFARCTION (Invited Lecture)

N.S. Dhalla, St. Boniface Research Centre, University of Manitoba, Winnipeg, MB, Canada

REVERSAL OF MALADAPTIVE FETAL GENE PROGRAM FOLLOWING THERAPY WITH CARDIAC CONTRACTILITY MODULATION NON_EXCITATORY ELECTRIC SIGNALS (Invited Lecture)

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

A GENERAL PARADIGM OF PROGRESS OF HEART FAILURE WITH THE CLEAVAGE AND TRANSLOCATION OF MYOCARDIAL DYSTROPHIN (Invited Lecture)

T. Toyo-oka, H. Kumagai, T. Kawada, F. Masui, A. Tezuka, T. Ebisawa, S. Kostin, M. Nakazawa, J. Schaper, K. Ozawa, University of Tokyo, Tokyo, Japan

GENDER DIMORPHIC RESPONSE OF HIF TO ACUTE ISCHEMIA (Invited Lecture)

M. Zampino, P. Goldspink, D. Geenen, **P. Buttrick**, University of Illinois at Chicago, Chicago, IL, USA

PATHOPHYSIOLOGY OF CARDIAC PROTEIN KINASE C (Invited Lecture)

M. Boutjdir, SUNY Downstate Medical Center, NYU School of Medicine, Brooklyn, NY, USA

HEAT SHOCK PROTEINS AND CARDIOVASCULAR DISEASE

A.A. Knowlton, University of California, Davis, CA and VA Medical Center, Sacramento, CA, USA

CARDIOVASCULAR PROTECTIVE EFFECTS OF UROGUANYLIN IN DAHL-IWAI SALTS SENSITIVE RATS

Y. Momose, S. Yamamura, F. Okabe, Toho University, Funabashi, Chiba, Japan

SUNDAY, JULY 17, 2005

PL01 (continued)

Hall A

DILATED CARDIOMYOPATHY AS A DISEASE OF THE COSTAMERE

N.E. Bowles, Baylor College of Medicine, Houston, Texas, USA

GENETIC ALTERATION IN NATRIURETIC PEPTIDE RECEPTOR-A DEFINES
NOVEL TARGET FOR CARDIOVASCULAR DISEASE STATES

K.N. Pandey, Tulane University Health Sciences Center and School of Medicine,
New Orleans, LA, USA

ROLES OF THE GAP JUNCTION IN ISCHEMIC PRECONDITIONING AGAINST
MYOCARDIAL INFARCTION

T. Miura, Sapporo Medical University, Sapporo, Japan

10:45 – 13:15

Hall B

PL02: Plenary Session

**ACUTE CORONARY SYNDROMES, ACUTE MYOCARDIAL INFARCTION,
ANTITHROMBOTIC THERAPY**

PROTEOMICS A NEW TECHNOLOGY FOR THE STUDY OF BIOMARKERS
DURING THE ACUTE CORONARY SYNDROMES (Invited Lecture)

A.L. Lopez Farre, Cardiovascular Institute, Hospital Clinico San Carlos, Madrid,
Spain

WHAT HAVE THE INTRODUCTION OF TROPONIN AND THE NEW AMI
DEFINITION DONE TO THE CORONARY CARE UNIT? IMPACTS ON CASE
MIX, CASE LOAD AND PATIENT OUTCOME (Invited Lecture)

D. Zahger, Department of Cardiology, Soroka University Medical Center,
Beer Sheva, Israel

RISK STRATIFICATION POST MYOCARDIAL INFARCTION: IMPLICATIONS
FROM THE INSPIRE TRIAL (Invited Lecture)

J. Mahmarian, Baylor College of Medicine, Houston, TX, USA, Methodist
DeBakey Heart Center, The Methodist Hospital, Houston, TX, USA

IDENTIFICATION AND TREATMENT OF HEPARIN-INDUCED
THROMBOCYTOPENIA IN THE CARDIOVASCULAR PATIENT
(Invited Lecture)

J.H. Chesebro, Mayo Clinic Jacksonville, Jacksonville, FL, USA

INCIDENCE OF HEPARIN-INDUCED THROMBOCYTOPENIA (HIT) AND ITS
PROBLEMS IN JAPAN (Invited Lecture)

T. Tomaru, Cardiology Center, Toho University Sakura Hospital

SUNDAY, JULY 17, 2005

PL02 (continued)

Hall B

BIVALIRUDIN AS THE ANTICOAGULANT DURING PCI WITH DRUG-ELUTING STENTS: THE ADEST STUDY (Invited Lecture)

G. Dangas, P. Teirstein, D. Cox, M. Ghali, W. Knapp, S. Lewis, J. Stella, T. Henry, D. Ebersole, G. Stone
Columbia University Medical Center, New York, NY, USA

THE MECHANISM OF ACTION OF GP IIB/IIIa BLOCKADE IN ACUTE ISCHEMIC SYNDROMES (Invited Lecture)

M Marzilli, GM Sambucetti¹ University of Siena, Siena, Italy

COMPARISON OF PERCUTANEOUS CORONARY INTERVENTION AND FIBRINOLYTIC THERAPY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION, SUBANALYSES FROM THE DANAMI-2 TRIAL (Invited Lecture)

H. Kelbaek, H.R. Andersen
Rigshospitalet and Skejby Hospital, Denmark

EARLY USE OF LIPID LOWERING DRUGS IN ACS (Invited Lecture)

S. Gottlieb, Bikur Cholim Hospital, Jerusalem, Israel

SLEEP APNEA, ARRHYTHMIA AND SUDDEN CARDIAC DEATH (Invited Lecture)

V.K. Somers, Mayo Clinic College of Medicine, Rochester, MN, USA

10:45 – 13:15

Hall C

S51

Session

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

PHARMACOLOGICAL STIMULATION OF BETA2 ADRENERGIC RECEPTORS (AR) ENHANCES THERAPEUTIC EFFECTIVENESS OF BETA1 AR BLOCKADE IN RODENT DILATED ISCHEMIC CARDIOMYOPATHY

I. Ahmet, E.G. Lakatta, **M.I. Talan**
National Institute on Aging, National Institutes of Health, Baltimore, MD, USA

LEVOSIMENDAN IMPROVES LEFT VENTRICULAR EJECTION FRACTION COMPARED WITH DOBUTAMINE IN THE TREATMENT OF CARDIOGENIC SHOCK COMPLICATING REVASCULARIZED ACUTE MYOCARDIAL INFARCTION

M. Garcia-Gonzalez, A. Dominguez-Rodriguez, J. Ferrer-Hita, P. Abreu-Gonzalez, M. Bethencourt-Munoz
Hospital Universitario de Canarias. La Laguna, Tenerife. Spain

EFFECT OF TELMISARTAN AND LOSARTAN ON GLUCOSE METABOLISM
IN HYPERTENSIVE PATIENTS WITH METABOLIC SYNDROME

C. Vitale, A. Cornoldi, C. Castiglioni, A. Tulli, M. Volterrani, M. Fini,
G.M.C. Rosano, Fondazione San Raffaele IRCCS – Roma, Italy

CANDESARTAN CILEXITIL REDUCES NEUROHUMORAL AND
PROINFLAMMATORY ACTIVATION IN PATIENTS WITH SEVERE
CONGESTIVE HEART FAILURE

A.E. Berezin, State Medical University, Hospital Therapy, Zaporozhye, Ukraine

A SYSTEMATIC REVIEW OF DIGOXIN FOR TREATMENT OF CONGESTIVE
HEART FAILURE IN PATIENTS IN SINUS RHYTHM

W.B. Hood, Jr, A.L. Dans, G.H. Guyatt, R. Jaeschke, J.J.V. McMurray
University of Washington, Seattle, WA, USA

MULTIDISCIPLINARY TREATMENT IN SEVERE HEART FAILURE PATIENTS

R.M. Ganam, D. Hermoni, M. Abu-Rass
Cardiology Department, Meir Medical Center, Kfar-Saba, Israel

CLINICAL EFFICACY OF SILDENAFIL IN PRIMARY PULMONARY
HYPERTENSION

B.K.S. Sastry, C. Narasimhan, N.K. Reddy, B.S. Raju
CARE Hospital, Hyderabad, AP, India

HIGHLY ACTIVE ANTIRETROVIRAL THERAPY IN THE TREATMENT OF
NAIVE PATIENTS WITH HIV-ASSOCIATED PULMONARY HYPERTENSION

G. Barbaro, A. Lucchini, G. Barbarini, University "La Sapienza", Rome, Italy

PULMONARY HYPERTENSION AS A PREDICTOR OF POOR OUTCOME IN
ROBOTIC CARDIAC RESYNCHRONIZATION THERAPY

S. Joshi, A. Fischer, T. Sichrovsky, J.J. Derose, Jr., R.C. Ashton, S. Balaram,
S. Bangalore, D. Gopinath, M. Vloka, J.S. Steinberg
St. Luke's –Roosevelt Hospital Center, Columbia University College of
Physicians and Surgeons, New York, New York, USA

LEVOSIMENDAN EFFECTIVELY REDUCES PULMONARY HYPERTENSION
IN HEART TRANSPLANT CANDIDATES

E. Herrera Garza, C. Macias Hidalgo, P. Martinez Bermudez,
F. De la Fuente Magallanes, L. Elizondo Sifuentes
Hospital de Enfermedades Cardiovasculares y del Torax, Nuevo Leon, Mexico

INTRAVASCULAR THROMBOSIS FOLLOWING HYPOXIA-INDUCED
PULMONARY HYPERTENSION IS REGULATED BY CYCLOOXYGENASE-2

M.C. Cathcart, A. Bradford, G. Chen, K. O' Byrne, D.J. Fitzgerald, G.P. Pidgeon
T.C.D./St. James's Hospital, Dublin, Ireland

SUNDAY, JULY 17, 2005

10:45 – 13:30

Hall D

S52:

Session

CORONARY ARTERY DISEASE: ATHEROSCLEROSIS: PRIMARY PREVENTION, TREATMENT, MODIFICATION OF LIPOPROTEINS

INFLAMMATORY BIOMARKERS AND CAD - HYPE AND HOPE
(Invited Lecture)

R Schnabel, S Blankenberg

Medical Clinic II, Johannes Gutenberg-University, Mainz, Germany

ATORVASTATIN REDUCES INFARCT SIZE IN AN ISOLATED RAT HEART MODEL BY ACTIVATING PRO-SURVIVAL KINASES

K Mensah, M.M. Mocanu, D.M. Yellon

The Hatter Institute and Centre for Cardiology, University College London Hospitals and Medical School, London, United Kingdom

REGULATION OF MACROPHAGE SCAVENGER RECEPTOR EXPRESSION - NEW PLEIOTROPIC EFFECTS OF STATINS

J. Han, X. Zhou, M. Parson, A.C. Nicholson, A.M. Gotto, Jr., T. Yokoyama, D.P. Hajjar, Weill Medical College of Cornell University, New York, NY, USA

REDUCTION OF ATHEROSCLEROSIS, SERUM LIPIDS AND OXIDATIVE STRESS, AND ELEVATION OF SERUM HDL-C BY LIGNAN COMPLEX ISOLATED FROM FLAXSEED

K Prasad, Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada

LIPID OXIDISING *CHLAMYDIA* ANTIBODIES AS A NEW DRUG TARGET IN THE TREATMENT OF ATHEROSCLEROSIS

I.M. Petyaev, Cambridge Theranostics Ltd., Bioscience Innovation Centre, Cambridge, UK

SHORT AND LONG TERM CLINICAL IMPROVEMENT IN PATIENTS WITH REFRACTORY ANGINA USING CARDIAC SHOCK WAVE THERAPY

A Gutersohn, G Caspari, R Erbel

University Essen Dep Cardiology, Essen, Germany

A RANDOMIZED CONTROLLED TRIAL OF DIETARY FIBER INTAKE ON SERUM LIPIDS

J Chen, P.K. Whelton, J. He

Tulane University, New Orleans, LA, USA

PRIMARY PREVENTION OF CORONARY HEART DISEASE IN WOMEN

M. Hochleitner, A. Bader, B. Wildt

Innsbruck University Hospital, LBI Gender Studies, Women's Health Office, Innsbruck, Austria

PREVENTIVE DENTAL CARE MAY PREVENT CARDIOVASCULAR MORTALITY AND MORBIDITY

A. Blum, E. Front, A. Peleg, K. Kruger, F. Vigder, Z. Laster

Poria Medical Center, Lower Galilee, Israel

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

RELEASE OF CALCITONIN GENE-RELATED PEPTIDE FROM THE ISOLATED MOUSE HEART: ROLE OF DIFFERENT PROTON-SENSITIVE MECHANISMS
T. Strecker, P.W. Reeh, M. Weyand, K. Messlinger
Friedrich-Alexander-University of Erlangen-Nuremberg, Erlangen, Bavaria, Germany

INDUCTION OF HO-1 SUPPRESSES ENDOTHELIAL ANGIOTENSIN CONVERTING ENZYME EXPRESSION IN PATIENTS WITH HEART FAILURE
W.H Yin, P.L Liu, M.S Young, S.J Lin, Y.R Kou
Cheng-Hsin General Hospital, and National Yang-Ming University, Taipei, Taiwan

EFFECT OF CAVEOLIN-1 AND SR-A1 IN OX-LDL INDUCED CHOLESTEROL ACCUMULATION IN RAW 264.7 MACROPHAGES
D.F Liao, R.R Wang, P.K Yan, B.Y Zhu
Nanhua University, Hengyang, Hunan, PR China

RESPONSES OF VASCULAR ENDOTHELIAL CELLS TO CIGARETTE SMOKE PARTICULATE MATTER
M.D Gaca, N. Cockcroft, A. Richter, E.D Massey
British American Tobacco, Southampton, Hants, UK

REGULATION OF DISCOIDIN DOMAIN RECEPTOR 2 BY CYCLICAL MECHANICAL STRETCH IN CULTURED RAT VASCULAR SMOOTH MUSCLE CELLS
B.W Wang, K.G Shyu, P. Kuan
Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

CARDIOVASCULAR CHANGES DURING EPILEPTIC SEIZURES IN CONSCIOUS RATS
M.I Beig, R. Chandra, A. Katyal, M. Fahim, A. Talwar
University of Delhi, Delhi, India

THROMBOSIS IN THE DEVELOPMENT OF NEOINTIMA: ROLE OF GROWTH FACTORS, CYTOKINES AND OXIDATIVE STRESS
C.T Beneli, P.F Barbosa, F.S Ramalho, M.A Rossi, S.G Ramos
University of São Paulo, Ribeirão Preto, São Paulo, Brazil

COMPOUNDS FROM RED WINE IN ISOLATED RAT AORTA AND PORCINE CORONARY ARTERY: DO THEY ACT AS PHARMACOLOGIC OR PROTECTIVE AGENTS?
I. Music, B. Bradesko, D. Dobovsek, J. Kuzner, V. Katalinic, D. Modun,
G. Drevensek, M Budihna, M Boban, University of Ljubljana, Slovenia

CATECHIN ENHANCES THE LEVEL OF THE INTRACELLULAR HIF-1ALPHA PROTEIN
F. Tsukiyama, M. Yoshida, T. Tokuhara, Y. Nakai, H. Hayashi, K. Hirota, T. Katsumata, Osaka Medical College, Osaka, Japan

SUNDAY, JULY 17, 2005

08:30 – 12:30

Poster Hall

**P102 Poster Session
DIAGNOSTIC METHODS**

AN APPROACH TO QUANTIFY DIFFUSELY DISEASED CORONARY ARTERIES;
ECG-GATED 3D INTRAVASCULAR ULTRASOUND (IVUS) RECONSTRUCTION
METHOD

S. Yokoyama, S. Saito, Y. Li, T. Takayama, S. Saruya, M. Akabane, T. Kawano,
M. Ichikawa, J. Honye, Nihon University School of Medicine, Tokyo, Japan

MICRO-CORONARY VESSEL IMAGING USING PHASE-CONTRAST X-RAY
COMPUTED TOMOGRAPHY

J. Wu, T. Takeda, L. Thet Thet, A. Yoneyama, Y. Tsuchiya, T. Imazuru,
S. Matsushita, Y. Hirai, M. Minami, University of Tsukuba, Ibaraki, Japan

CAROTID ARTERY WALL ACCELERATION IS A MARKER OF
ATHEROSCLEROSIS

O. Pascal, G. Pelle, J.L Dubois Rande, C. Carville, **L. Belhassen**
Hopital Prive d'Antony, Antony and Hopital Henri Mondor, Creteil, France

LESION CHARACTERISTICS OF CORONARY CHRONIC TOTAL OCCLUSIONS
EVALUATED BY INTRAVASCULAR ULTRASOUND

T. Takayama, Y Li, S Saito, J Honye, S Yokoyama, T Saruya, M Akabane,
T Kawano, M Ichikawa, N Fukuda, Nihon University School of Medicine,
Tokyo, Japan

A NEW STEP-WISE STRATEGY FOR THE DETECTION OF CORONARY ARTERY
DISEASE USING VASCULAR ULTRASONOGRAPHY

A.M AbdelWahab, E Baligh, M Mokhtar, A.M Zaki, Cairo University,
Cairo, Egypt

TRANSCUTANEOUS TISSUE CHARACTERIZATION OF ATHEROMA BASED ON
ELASTICITY IMAGING WITH ULTRASOUND

H Hasegawa, J Inagaki, H Kanai, M Ichiki, F Tezuka, Tohoku University,
Sendai, Japan,

FRACTIONAL FLOW RESERVE TO ASSESS CORONARY LESIONS OF
UNCERTAIN SEVERITY IN UNSTABLE ANGINA: MEDIUM-TERM FOLLOW-UP

L.A. Inigo-Garcia, O. Sanz, F.Torres, F. Ruiz-Mateas, M. Pombo, G. Rosas,
J. Carretero, C. Corona, A. Gutierrez, M.J. Garcia
Hospital Costa del Sol, Marbella, Spain

VARIABILITY IN QUANTITATIVE MEASUREMENT OF THE SAME SEGMENT
WITH TWO DIFFERENT INTRAVASCULAR ULTRASOUND

Y Li, J Honye, S Saito, T Takayama, S Yokoyama, T Saruya, M Akabane,
T Kawano, M Ichikawa, S Kunimoto, Nihon University School of Medicine, Tokyo,
Japan

IMPACT OF NEW ANGIOSCOPY SYSTEM FOR VIAUALIZATION OF PERIPHERAL
ARTERIES

T Sakurai, K Nakamura, K Shimizu, M Kanai, K Yoshinaga, K Aoyagi,
M Takahashi, Y Uhcida, Y Sugiyama, T Tomaru, Toho University Sakura Hospital,
Sakura, Chiba, Japan

CHARACTERISTICS OF INFARCT RELATED ARTERY AFTER THROMBOLYSIS

S Yokoyama, Y Li, T Takayama, T Saruya, J Honye, S Saito
Nihon University School of Medicine, Tokyo, Japan

P103 **Poster Session**
INTERVENTIONAL CARDIOLOGY

DIRECT STENT IMPLANTATION WITHOUT PREDILATATION THROUGH FIVE FRENCH GUIDING-CATHETERS

C. Brasselet, D. Metz, S. Perotin, L. Ducher, S. Duval, B. Maillier, A. Deschilcre, J. Elaerts, Hopital Robert Debre, CHU, Reims, France

WHETHER ORAL CRUSHED CLOPIDOGREL WILL INHIBIT PLATELET AGGREGATION EARLIER THAN WHOLE TABLETS?

J-M Lee, H-J Yoon, C-S Park, K-W Moon, S-W Jin, K-D Yoo, D-S Jeon, W-S Chung, J-J Kim, K-B Seung, J-H Kim, The Catholic University of Korea, Seoul, Republic of Korea

TREATMENT SEEKING BEHAVIOR AMONG THOSE WITH SIGN AND SYMPTOM OF ACUTE MYOCARDIAL INFARCTION

A. Shahmohammadi Mousavi, S. Sadeghe, Iran Medical University, Tehran, Iran

“FIRST EXPERIENCE IN TRANSCATHETER CLOSURE OF SECUNDUM ATRIAL SEPTAL DEFECTS USING THE AMPLATZER SEPTAL OCCLUDER IN VIETNAM”

N.L. Hieu, P.M. Hung, N.N Quang, D.D. Loi, N.M Ngoc, K.N Huong, N.L Viet, P.G Khai, L.T Phi, T. Nguyen, Vietnam Heart Institute, Hanoi, Vietnam

USE OF A COMBINED MOBILE PHONE AND FAX SOLUTION SPEEDS UP THE SELECTION OF PATIENTS FOR ACUTE CORONARY REVASCULARIZATION

J Ravkilde, Skejby Hospital - Aarhus University Hospital, Aarhus Denmark

TREATMENT OF SAPHENOUS VEIN GRAFT ANEURYSM WITH THE POLYTETRAFLUOROETHYLENE-COVERED STENT: ONE-YEAR CLINICAL AND ANGIOGRAPHIC FOLLOW-UP

P.C Ho, **C.Y Leung**, Hawaii Region Kaiser Permanente, Honolulu, Hawaii, USA

“TRANSCATHETER OCCLUSION OF CORONARY ARTERY FISTULAE IN VIETNAM”

N.L Hieu, P.M Hung, N.N Quang, D.D Loi, K.N Huong, N.L Viet, P.G Khai, L.T Phi, Vietnam Heart Institute, Hanoi, Vietnam

AORTIC ISTHMUS STENT-GRAFT TREATMENT: HUMAN IMPLANTATION OF INNOVATIVE DEDICATED DEVICES

E. de Cillis, **A.S. Bortone**, D. D'Agostino, L. de Luca Tupputi Schinosa Institute of Cardiac Surgery, University of Bari, Italy

CORONARY ANGIOPLASTY AFTER NON ST ELEVATION MYOCARDIAL INFARCTION CARRIES A WORSE SHORT TERM OUTCOME WHEN COMPARED TO THAT OF ST ELEVATION MYOCARDIAL INFARCTION OR UNSTABLE ANGINA

Y. Y Abdelmonem, M. Abdelhameed, H.I Kandil, Sh F Eltobgi, Cairo University, Cairo, Egypt

SIXTH MONTHS CLINICAL FOLLOW UP POST BYPASS GRAFT DISEASE TREATED WITH DRUG-ELUTING STENTS VERSUS BARE METAL STENTS

D.A Locca, G Girod, C Imsand, P Vogt, Sion Hospital, Sion, Switzerland

SUNDAY, JULY 17, 2005

08:30 – 12:30

Poster Hall

**P104 Poster Session
RENAL ASPECTS**

EVALUATION OF N-ACETYLCYSTEINE ON CONTRAST INDUCED NEPHROPATHY: COMPARISON OF CAUCASIANS, HISPANICS, AND AFRICAN-AMERICANS

H. Gnanasekeram, V.K Verma, T.R Engel, J.E Parrillo, E.A Iliadis
Cooper Hospital - UMDNJ-Robert Wood Johnson Medical School, Camden, NJ, USA

PREVENTION OF RADIOCONTRAST INDUCED NEPHROPATHY USING N-ACETYLCYSTEINE AFTER CORONARY ANGIOGRAPHY IN THE HISPANIC POPULATION

H. Gnanasekeram, V.K Verma, T.R. Engel, J.E. Parrillo, E.A. Iliadis
Cooper Hospital - UMDNJ-Robert Wood Johnson Medical School, Camden, NJ. USA

**P105 Poster Session
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME I**

A COMPARISON OF THE PROGNOSTIC VALUE OF THE LEFT VENTRICULAR EJECTION FRACTION DETERMINED BY NUCLEAR PERFUSION IMAGING AND ECHOCARDIOGRAPHY

M Yamini, N Ahmed, M.X Pham, **P.A Heidenreich**
VA Palo Alto Health Care System, Stanford University, Palo Alto, CA, USA

PREDICTORS OF RECURRENT EMERGENCY DEPARTMENT VISITS IN A LARGE HEART FAILURE CARE PROGRAM

S. Brar, A. Mehany, R. Zadegan, A. Lai, A. Shen
Kaiser Permanente Medical Center, Los Angeles, CA, USA

LOW HDL IS ASSOCIATED WITH HIGHER NYHA CLASS AND PREDICTS DEATH IN PATIENTS WITH LEFT VENTRICULAR DYSFUNCTION

T. Sampietro, F. Bigazzi, B. Dal Pino, P. Landi, M. Puntoni, B. Pennato, A. Bionda, C. Carpeggiani, CNR Institute of Clinical Physiology, Pisa, Italy

PERIPHERAL EDEMA: PREVALENCE AND ASSOCIATION WITH OUTCOME IN PRIMARY CARE

N. Ahmed, M. Park, P. Nagarajan, M. Yamini, **P.A Heidenreich**
VA Palo Alto Health Care System, Stanford University, Palo Alto, CA, USA

BLOOD UREA NITROGEN LEVEL AT ADMISSION - PROGNOSTIC MARKER IN PATIENTS WITH CHRONIC HEART FAILURE

M. Roik, S. Stawicki, M.H Starczewska, A. Solarska, O. Warszawik, D. Kosior, G. Opolski, Medical University of Warsaw, Poland

PREDICTING RISK FACTORS FOR PATIENTS DEVELOPING ACUTE FULMINANT MYOCARDITIS

C.H Lee, WC Tsai, PY Liu, CS Hsu, JY Chen, LJ Lin
National Cheng Kung University Hospital, Tainan, Taiwan

SUNDAY, JULY 17, 2005

P105 (continued)

Poster Hall

CARDIAC TROPONIN T (CTNT) PREDICTS SURVIVAL OF PATIENTS WITH DECOMPENSATED HEART FAILURE (DHF) ON HOSPITAL ADMISSION
M.D Oliveira, J. Alvares, L.C Brant, **M.C Moreira**
Federal University of Minas Gerais, Brazil, Hospital Felicio Rocho

CYSTATIN C AND CREATININE-BASED ESTIMATION OF RENAL FUNCTION IN CACHECTIC AND NONCACHECTIC HEART FAILURE PATIENTS
P. Rozentryt, J. Nowak, A. Brachowska, L. Polonski, R. Deja, W. Bartnik
Silesian Center for Heart Diseases, Zabrze, Poland

HEART FAILURE: PATIENTS VIEWS TO GUIDE FUTURE PRACTICE
S.M Deepak, W Khan, T Coppinger, C Wywell, N.H Brooks,
Wythenshawe Regional Cardiothoracic Centre, Manchester, UK

P106

Poster Session
ELECTROPHYSIOLOGIC TECHNIQUES OF MAPPING AND RADIOFREQUENCY ABLATION

NEURONAL SYNAPTOGENESIS IS AUGMENTED BY NORMAL HDL AND IS PREVENTED BY DYSFUNCTIONAL HDL
K. Navab, UCLA Medicine, Los Angeles, CA, USA

WHICH COMPONENT IS MORE IMPORTANT FOR THE SUCCESS OF MODIFIED MAZE SURGERY : TRIGGER OR SUBSTRATE MODIFICATION?
K.J Choi, J Kim, G.B Nam, Y.H Kim, Asan Medical Center, Seoul, Korea

ANALYSIS OF SINUS NODE ACTIVATION BY NONCONTACT VOLTAGE MAPPING
R.C Klein, University of Utah, VA Medical Center, Salt Lake City, Utah, USA

CRYOABLATION FOR ATRIAL FIBRILLATION: THE SURGIFROST™ CRYOSURGICAL SYSTEM
S. Christiansen, R Autschbach, University of Aachen, Germany

COMPARISON OF UNIPOLAR VERSUS BIPOLAR PACING THRESHOLDS AND IMPEDANCES
J.S. Goodman, **K.J. Chase**, S. Merkel
FACC, UCLA School of Medicine, Los Angeles, CA, USA

P107

Poster Session
INTERNAL DEFIBRILLATION/IMPLANTABLE ANTIARRHYTHMIC DEVICES/PACING

IMPLANTATION SUCCESS RATE OF BIVENTRICULAR PACEMAKERS IN REAL LIFE CLINICAL PRACTICE
S.G Williams, **A. Patwala**, D.J Wright, D.T Connelly, W.J Hobbs, J. Pyatt,
D.M Todd, Cardiothoracic Centre, Liverpool, UK

SUNDAY, JULY 17, 2005

P107 (continued)

Poster Hall

CARDIAC RESYNCHRONIZATION THERAPY DOES NOT REDUCE
VENTRICULAR ARRHYTHMIAS

G. Lin, P.A Brady, T.L Webster, S.C Hammill, R.F Rea, D.L Hayes
Mayo Clinic, Rochester, MN, USA

LONG TERM STABILITY OF CORONARY SINUS LEADS FOR CARDIAC
RESYNCHRONIZATION THERAPY: A SINGLE CENTER EXPERIENCE

G. Lin, P.A Brady, T.L Webster, R.F Rea, D.L Hayes
Mayo Clinic, Rochester, MN, USA

ENDOTAK RELIANCE & EVALUATION OF HANDLING AND ELECTRICAL
PERFORMANCE (REFLEX) STUDY - MULTICENTER, RANDOMIZED,
PROSPECTIVE TRIAL

R.A.S Cooper, **K Chase**, Guidant Corporation, St. Paul, MN, USA

IMPROVEMENT OF SLEEP APNEA BY TRANSIENT ATRIAL OVERDRIVE
PACING IN A PATIENT WITH DILATED CARDIOMYOPATHY

C. Suga, K. Matsumoto, R. Kato, M. Kanazawa, T. Miyashita, T. Okumura,
S. Nishimura, S. Nakazawa, G. Hoshina, M.E Benser
Saitama Medical School, Saitama, Japan

P108

Poster Session
MISCELLANEOUS 1

MAJOR CAUSES OF DEATH IN CHINA: A PROSPECTIVE STUDY OF 169,871
MEN AND WOMEN

J. He, D. Gu, J. Chen, K. Reynolds, C. Chen, R. Wildman, P. Whelton
Tulane University, New Orleans, LA, USA

MINOCYCLINE IS EFFECTIVE FOR THE ACTIVE TAKAYASU ARTERITIS

A. Matsuyama, N. Sakai, M. Ishigamai, H. Hiraoka, S. Yamashita
Osaka University Hospital, Suita, Osaka, Japan

SPATIAL RESOLUTION EFFECT IN MYOCARDIAL FATTY ACID METABOLIC
IMAGE IN FLUORESCENT X-RAT CT

T. Takeda, J. Wu, T.T Lwin, N. Sunaguchi, T. Yuasa, F. A Dilmanian, M. Minami,
T. Akatsuka
Institute of Clinical Medicine, University of Tsukuba, Tsukuba-shi, Ibaraki, Japan

ONE YEAR ATROVASTATIN THERAPY FOR SEVERE ISCHEMIC HEART FAILURE WITH COR PULMONALE

X.H Zeng, X.J Zeng, **Y.Y Li**, T Yuan, Chengdu Red Cross Hospital, Chengdu, China

SMOKING INCREASES COLD-PRESSOR MEDIATED ARTERIOR STIFFNESS

A. Nishiyama, T. Nakata, M. Sakai, T. Oonishi, M. Setsuda, A. Kasai, N. Houda, Y. Kakuta, Yamada Red Cross Hospital, Watarai, Mie, Japan

MIXED SALAD VEGETABLE CONSUMPTION IMPROVES PLASMA LIPID STATUS, AND PREVENTS PLASMA LIPID OXIDATION AND CELLULAR DNA DAMAGE IN HEALTHY MAN

M.R Kim, Chungnam National University, Daejeon, South Korea

THE ASSOCIATION BETWEEN BODY MASS INDEX LEVEL AND DEGREE OF SEVERITY OF CORONARY ARTERY DISEASE

A.I Rostamzade, K. Khademvatan, Z. Yekta, T. Afshariyan
Uromia Medical Science of University, Uromia, Iran

THE EFFECT OF CRITICAL PATHWAY ON DISCHARGE TIME AFTER CABG

F. Kamrani, **M. Khalighi Monfared**, R. Alizadehnoori
Shahi Beheshti Medical Sciences University, Tehran, Iran

HEMODYNAMIC CHANGE AFTER HALF BODY BATHING IN PATIENTS WITH CARDIOVASCULAR RISK FACTOR

W.I Rhee, Y.J Ko, Catholic University, Seoul, Korea

SUNDAY, JULY 17, 2005

14:00 – 16:45

Hall A

PL03

Plenary Session

ARRHYTHMIAS I: SUDDEN CARDIAC DEATH / CARDIOPULMONARY RESUSCITATION / IMPLANTABLE ANTIARRHYTHMIC DEVICES

RISK STRATIFICATION FOR SUDDEN DEATH--IS EJECTION FRACTION ALONE SUFFICIENT? (Invited Lecture)

M.E Cain, Washington University, St. Louis, MO, USA

MINIMIZING UNNECESSARY RIGHT VENTRICULAR PACING IN AN ICD (Invited Lecture)

B. Olshansky, D. Lerew, S.P McQuillen, J. Day, University of Iowa, Iowa City, IA, USA

INDICATIONS FOR ICD IMPLANTATION-GUIDELINES FOR THE CLINICIAN (Invited Lecture)

C.T. Peter, Cedars-Sinai Medical Center, Los Angeles, CA, USA

THE IDENTIFICATION OF HEART FAILURE PATIENTS PRONE TO BENEFIT FROM CARDIAC RESYNCHRONIZATION THERAPY (Invited Lecture)

M.V. Pitzalis, M. Iacoviello, R. Romito, E. De Tommasi, P. Guida, G. Luzzi University of Bari, Bari, Italy

PACING THERAPY: LESSONS LEARNED FROM MULTICENTER CLINICAL STUDIES (Invited Lecture)

P. Levine, St. Jude Medical CRMD, Sylmar, CA, USA

THE FULLY AUTOMATIC EXTERNAL CARDIOVERTER-DEFIBRILLATOR: THE REALITY OF A NEW MEANINGFUL SCENARIO (Invited Lecture)

A. Martinez-Rubio, Hospital de Sabadell, Barcelona, Spain

UBIQUINONE AND HYPOTHERMIA AFTER CARDIAC ARREST: CLINICAL RESULTS, ELECTROPHYSIOLOGICAL AND BIOCHEMICAL PREDICTORS

M.S Damian, D. Ellenberg, R. Gildemeister, G. Simonis, J. Lauermann, W. Sauter, C. Georg University Hospitals of Leicester, Leicester, UK

CORONARY VEIN BALLOON ANGIOPLASTY FOR LEFT VENTRICULAR PACEMAKER LEAD IMPLANTATION

B. Hansky, J. Vogt, H. Gueldner, J. Heintze, B. Lamp, D. Horstkotte, R Koerfer Heart Center NRW, Department of Thoracic and Cardiovascular Surgery, Bad Oeynhausen, Germany

INTEGRATION OF CARDIAC MRI, CARDIAC CT SCANNING, AND NUCLEAR CARDIOLOGY IN CLINICAL ASSESSMENT OF PATIENTS WITH KNOWN OR SUSPECTED CHRONIC CAD: WHICH TEST FOR WHICH PATIENT? (Invited Lecture)

D.S. Berman, A. Rozanski, L. Shaw, R. Hachamovitch, N. Wong, S. Hayes, J.D. Friedman, L.E.J. Thomson, G. Germano Cedars-Sinai Medical Center, Los Angeles, California, USA

SUNDAY, JULY 17, 2005

14:00 – 16:45

Hall B

**PL04 Plenary Session
NEW DEVELOPMENTS IN CARDIAC IMAGING**

NONINVASIVE ULTRASOUND TECHNIQUES IN THE EVALUATION OF
SUBCLINICAL CARDIOVASCULAR DISEASE—STATE OF THE ART
(Invited Lecture)

J.M Gardin, St. John Hospital and Medical Center, Wayne State University,
Detroit, MI, USA

ULTRASOUND ASSESSMENT OF CARDIOVASCULAR RISK (Invited Lecture)

P.R Liebson, Rush University Medical Center, Chicago, IL, USA

CORONARY CALCIUM, SILENT MYOCARDIAL ISCHAEMIA AND
INFLAMMATORY BIOMARKERS IN ASYMPTOMATIC TYPE 2 DIABETIC
SUBJECTS WITHOUT PRIOR CARDIOVASCULAR DISEASE (Invited Lecture)

V.A Dhakshinamurthy, E. Lim, D. Hopkins, R. Corder, **A. Lahiri**
Cardiac Imaging and Research Centre, Wellington Hospital, London, UK

NUCLEAR CARDIOLOGY: WHICH GOLD STANDARD FOR SINGLE PHOTON
EMISSION COMPUTED TOMOGRAPHY? (Invited Lecture)

P. Marzullo, A. Gimelli, A. Giorgetti, A. Kusch, E.M Ferdeghini
Institute of Clinical Physiology, CNR, Pisa, Italy

NEW METHODS OF MEASURING ATRIAL FUNCTION (Invited Lecture)

B.D Hoit, University Hospitals of Cleveland and Case Western Reserve
University, Cleveland, OH, USA

ADVANCES IN CARDIOVASCULAR MOLECULAR IMAGING (Invited Lecture)

V. Dilsizian, University of Maryland School of Medicine, Baltimore, MD, USA

NUCLEAR CARDIOLOGY IN THE MANAGEMENT OF HEART DISEASE IN
DIABETES (Invited Lecture)

R.G Schwartz, Preventive & Nuclear Cardiology, University of Rochester
Medical Center, Rochester, NY, USA

STRAIN-RATE ECHOCARDIOGRAPHY IN ISCHEMIC HEART DISEASE
(Invited Lecture)

C. Pislaru, Mayo Clinic, Rochester, MN, USA

STRESS ECHOCARDIOGRAPHY: STATE-OF-THE-ART (Invited Lecture)

P.A Pellikka, Mayo Clinic and Mayo Foundation, Rochester, MN, USA

ASSESSMENT OF MYOCARDIAL PERFUSION BY CARDIAC MAGNETIC
RESONANCE (Invited Lecture)

L.J Jimenez-Borreguero, Hospital Universitario de la Princesa, Madrid, Spain

INTIMAL REMODELING IN HYPERTENSION AND STEADY FLOW OR
NORMOTENSION AND TURBULENT FLOW (Invited Lecture)

C.M Prado, S.G Ramos, J.C Alves-Filho, J. Elias Jr., **M.A Rossi**
Faculty of Medicine of Ribeirão Preto, University of São Paulo, Brazil

S53

Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL
HEART DISEASE

MICRODELETION OF CHROMOSOME 22 IN A SERIES OF PATIENTS WITH
NON-SELECTIVE CONGENITAL HEART DISEASE

E.S Elsobky, A.A Kotby, S.M Elsayed
Ain Shams University, Cairo, Egypt

RESYNCHRONISATION THERAPY IN ADULTS WITH CONGENITAL
HEART DISEASE

B. Skaria, T. Bharucha, J. Boullin, J.M Morgan, A.P Salmon, B. Keeton,
G. Veldtman, Adult Congenital Cardiac Unit, Southampton University Hospital,
Southampton, Hampshire, UK

QUALITY OF LIFE AND CARDIOVASCULAR STATUS TEN AND MORE
YEARS AFTER FONTAN OPERATION: IS DETERIORATION INEVITABLE?
V.P Podzolkov, M.R Chiaureli, M.M Zelenikin, S.G Chikhladze, K.A Mchedlishvili,
G.I Kassirsky, L.M Zotova, T.O Astrakhantseva, Y.N Shamrin, **S.B Zaets**
UMDNJ - New Jersey Medical School, Newark, NJ, USA

TRANS-HEPATIC ULTRASOUND-GUIDED PUNCTURE IN THE FETAL LAMB:
A NEW APPROACH FOR TRANSCATHETER CARDIAC INTERVENTIONS

Y. Boudjemline, J.M. Jouannic, J.M. Benifla, D Bonnet
Pediatic Cardiology, Necker for Sick Children Hospital, Paris, France, EMUI
0016, Necker University, Paris, France

TRANSCATHETER OCCLUSION OF CORONARY ARTERY FISTULAE IN
VIETNAM

H. Nguyen, H. Pham, P.M. Hung, N.N. Quang, P.G. Khai, N.L. Viet, D.D. Loi,
Vietnam Heart Institute, Hanoi, Vietnam

UNIVENTRICULAR OR BIVENTRICULAR REPAIR AFTER POSTNATAL DUCT
STENTING AND BILATERAL PULMONARY BANDING

D. Schranz, I. Michel-Behnke, K. Valeske, J. Bauer, H. Akintuerk
Pediatric Heart Center Justus-Liebig University, Giessen, Germany

5-YEARS FOLLOW-UP OF TRANSCATHETER PFO CLOSURE USING
INTRACARDIAC ECHOCARDIOGRAPHY

E. Onorato, L. Pedon, F. Casill, M. Mbala-Mukendi, G.P. Anzola, M. Zanchetta
Humanitas Gavazzeni Clinic, Bergamo, Italy

4-YEAR FOLLOW-UP OF TRANSCATHETER ATRIAL SEPTAL DEFECT
CLOSURE USING

M. Zanchetta, L. Pedon, M. Zennaro, A. Carrozza, F. Casilli, E. Onorato
Cittadella General Hospital, Padova, Italy

PATHOLOGY AND APOPTOSIS OF THE CARDIAC CONDUCTION SYSTEM
IN 100 VICTIMS OF SUDDEN INFANT DEATH SYNDROME (SIDS)

G. Ottaviani, A.M Lavezzi, L. Matturri
Lino Rossi Research Center for the Study and Prevention of Unexpected
Perinatal Death and Sudden Infant Death Syndrome (SIDS), Institute of
Pathology, University of Milan, Italy

S54

Session

CORONARY ARTERY DISEASE: SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION

COMPLEMENTARY ANALYSIS OF EFFICACY AND SAFETY AND PROGNOSTIC FACTORS FOR LONG-TERM SECONDARY PREVENTION OF VENOUS THROMBOEMBOLISM WITH XIMELAGATRAN

S. Schulman, T. Lundstrom, K. Wahlander, S. Billing Clason, H. Eriksson
McMaster University, Hamilton, ON, Canada

PREDICTION OF THE MULTIVESSEL DISEASE IN PATIENTS WITH ACUTE CORONARY SYNDROMES WITHOUT ST ELEVATION ON PRE-ANGIOGRAPHY BASIS

R. Glowczynska, M. Grabowski, K.J Filipiak, G. Karpinski, L.A Malek,
J. Kochman, G. Opolski, Medical University of Warsaw, Warsaw, Poland

TISSUE INHIBITOR OF METALLOPROTEINASE (TIMP)-1 A RISK PREDICTOR FOR FUTURE CARDIOVASCULAR DEATH

E. Lubos, R. Schnabel, H.J Rupprecht, C. Bickel, R. Walscheid, S. Prigge,
L. Tiret, T. Münzel, S. Blankenberg
Johannes Gutenberg-University, Mainz, Rheinland-Pfalz, Germany

RISK FACTORS AND COMPRESSION OF CARDIOVASCULAR MORBIDITY- A LIFE HISTORY ANALYSIS OF THE 46-YEAR FOLLOW-UP OF THE FRAMINGHAM HEART STUDY

A.A Mamun, G.M Williams, A. Peeters, L. Bonnuex, University of Queensland,
Queensland, Australia

CIRCULATING PLACENTA GROWTH FACTOR LEVELS CORRELATE WITH PROGNOSIS IN CORONARY ARTERY DISEASE PATIENTS

A. Chevtchenko, O. Orlova, N. Tcherviakova, M. Tulikov, O.P Shevchenko
Russian Medical State University, Moscow, Russia

SURVEY OF THE EFFECTIVE FACTORS ON SLEEP QUALITY IN PATIENTS AFTER CORONARY ARTERY BYPASS GRAFT (CABG) SURGERY IN RASHT, 2002

M. Ehsani, M. Baghaei, C. Mitra, N. Kazem, Azad University, Tonkabon, Iran

DIFFERENT EFFECT OF CORONARY REVASCULARIZATION IN ANGINA AND POST_INFARCTION PATIENTS

C. Carpeggiani, P. Landi, E. Barberini, A. Niccolini, A. L'Abbate
CNR Institute of Clinical Physiology, Pisa, Italy

MELATONIN: A NOVEL PREDICTOR OF PROGNOSTIC SIGNIFICANCE IN PATIENTS WITH MYOCARDIAL INFARCTION

A. Dominguez-Rodriguez, P. Abreu-Gonzalez, M. Garcia-Gonzalez,
J. Ferrer-Hita, M. Bethencourt-Munoz, R.J. Reiter
Hospital Universitario de Canarias, Tenerife, Spain

SUNDAY, JULY 17, 2005

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P201

**Poster Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH 1**

HUMAN CONNEXIN40 GENE POLYMORPHISMS AFFECT PROMOTER ACTIVITY BY ALTERING BINDING OF NFAT AND GATA TRANSCRIPTION FACTORS

M. Firouzi, M.F Bierhuizen, B. Kok, B.E Teunissen, A. Jansen, A. Brutel de la Riviere, W.A Groenewegen, H.J Jongsma, UMC, Utrecht, The Netherlands

CHANNELOPATHY AND EXAGGERATED CARDIAC ARRHYTHMIAS MEDIATED BY ET SYSTEM AND OVER-PHOSPHORYLATION

D.Z Dai, Y. Zhang, M. Ji, Z.J Huang, T. Na, T. Wang, Y. Feng
China Pharmaceutical University, Nanjing, Jiangsu, China

D-4F AN APOLIPOPROTEIN A-I MIMETIC PEPTIDE DECREASES HDL LIPID HYDROPEROXIDES AND INCREASES PARAOXONASE ACTIVITY

E. Bachini, UCLA Medicine Los Angeles, CA, USA

THE PROINFLAMMATRY PROPERTIES OF HDL ARE INVERSELY CORRELATED WITH THE ABILITY OF HDL TO REMOVE CHOLESTEROLFROM HUMAN MONOCYTE MACROPHAGES

S. Pak, UCLA Medicine, Los Angeles, CA, USA

CARDIAC CHANGES IN EXPERIMENTAL SEPSIS

M. Rubia Nunes Celes, D.T Duenas, J.C Alves-Filho, F.Q Cunha, M.A Rossi
Faculty of Medicine of Ribeirao Preto, Ribeirao Preto, SP, Brazil

ALPHA-LIPOIC ACID AMELIORATES DOXORUBICIN-INDUCED MYOCARDIAL TOXICITY

A.A Al-Majed, A.M Gado, O.A Al-Shabanah, M.A Mansour
College of Pharmacy, King Saud University, Saudi Arabia

THE ROLES OF SERUM MATRIX METALLOPROTEINASES IN PATIENTS WITH PERSISTENT ATRIAL FIBRILLATION TO HEART FAILURE

M.H Chang, G.P Jong, T Ma, S.D Kuo
Armed Force Taichung General Hospital, Taichung, Taiwan, ROC

MATRIX METALLOPROTEINASES AS NOVEL DISEASE MARKERS IN TAKAYASU ARTERITIS

A. Matsuyama, N. Sakai, M. Ishigamai, H. Hiraoka, S. Yamashita
Osaka University Hospital, Suita, Osaka, Japan

CYCLOPHOPHAMIDE FACILITATES THE DEVELOPMENT OF CHAGASIC MYOCARDIOPATHY IN RATS INFECTED WITH TRYPANOSOMA CRUZI

M.J Labrador-Hernandez, O.J Suarez-Graterol, C.R Alvarez-Yepep, L.P Rumenoff-Soto, C.C Rodriguez-Bonfante, **R.A Bonfante-Cabarcas**
Universidad Centroccidental Lisandro Alvarado, Barquisimeto, Lara, Venezuela

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13 (S)-HPODE CONVERTS HDL TO PROINFLAMMATORY THAT IS REVERSED BY

D-4F

N. YU, UCLA, Los Angeles, CA, USA

P202

Poster Session

BIOCHEMICAL MARKERS OF ACUTE ISCHEMIA

COST-EFFECTIVENESS IS LOW WHEN MEASURING CARDIAC MARKERS AFTER ELECTIVE PCI

S. Hjortshoj, J. Ravkilde, Aalborg hospital - Aarhus University Hospital, Denmark

PRE-PERCUTANEOUS CORONARY INTERVENTION HOMOCYSTEINE PLASMA CONCENTRATION: USEFUL PREDICTOR OF ANGIOPLASTY-INDUCED MYOCARDIAL DAMAGE

C. Brasselet, R. Garnotel, S. Perotin, F. Vitry, L. Ducher, D. Metz, J. Elaerts, P. Gillery, Hopital Robert Debre, Reims, France

EFFECTS OF SIMVASTATIN ON ANTI-INFLAMMATORY CYTOKIN IL-10 IN PATIENTS WITH UNSTABLE ANGINA WITHIN FOUR WEEKS

J.J Li, Fu Wai Hospital, Chinese Academy of Medical Science and Peking Union Medical Science, Beijing, China

INTERLEUKIN-6 AND VEGF IN ACUTE PHASE OF STEMI IN PATIENTS TREATED WITH PRIMARY ANGIOPLASTY

M. Pyda, M. Lanocha, A. Katarzynska, O. Trojnarska, Z. Sarnowska, O. Araszkiwicz, A. Pyda, T. Mularek, M. Lesiak, A. Cieslinski University of Medical Sciences, Poznan, Poland

THE ERYTHROCYTE AGGREGATION TEST AS A CYTOKINE SENSITIVE BIOMARKER. A MODEL IN ACUTE ISCHEMIC STROKE/TIA

I. Shapira, E. Ben Assayag, I. Bova, H. Peretz, N.M Bornstein, S. Berliner Tel Aviv Sourasky Medical Center, Tel Aviv University, Tel Aviv, Israel

IMPACT OF DIAGNOSTIC CORONARY ANGIOGRAPHY (DCA) ON TROPONIN I TEST: FACTORS AFFECTING THE RESULT

F. Bishehsari, A. Tayebi Meybodi, M. Mahdavinia, A. Sanati Tehran University of Medical Sciences (TUMS), Tehran, Iran

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SIGNIFICANT CORONARY ARTERY DISEASE IN PATIENTS WITH A FALSE-POSITIVE CARDIAC TROPONIN I TEST

P.H Chu, C.J Ng, H.D Ning, J.C Chen, H.L Wu
Chang Gung Memorial Hospital, Taipei, Taiwan

ECOCARDIOGRAPHY AND TROPONIN I IN PATIENTS WITH ISCAHEMIC HEART DISEASE

S. E Alansari, B.C Croal, Armed Forces Hospital, Ministry of Defense, Kuwait

THE PREVALANCE OF HYPERHOMOCYSTEINEMIA AND ITS ASSOCIATION WITH SOME RISK FACTORS IN PATIENTS WITH DEFINED CORONARY ARTERY DISEASE

Z. Yekta, K. Khademvatan, A. Rostamzade, N. Nasiry, A. Alahyary
Uromia Medical University, Uromia, Iran

P203

Poster Session

THE PLAQUE AND ACUTE CORONARY SYNDROMES

PREGNANCY ASSOCIATED PLASMA PROTEIN A AND INFLAMMATORY MARKERS IN ACUTE CORONARY SYNDROMES

A. Chevtchenko, O. Orlova, E. Kotchetova, O. Prirodova, O.P Shevchenko
Russian Medical State University, Moscow, Russia

ROLE OF HEAT SHOCK PROTEINS IN CARDIAC PATIENTS

S.E Alansari, B.C Croal, Armed Forces Hospital, Ministry of Defense, Kuwait

EVALUATION OF PLATELET INDICES AND COUNT IN ISCHEMIC HEART DISEASE PATIENTS COMPARED TO NORMAL POPULATION

N. Mesbah Ardakani, M. Saravi, S. Shafahi, M. Sharbatdaran,
K. HajianBabol, University of Medical Science, Babol, Iran

IN THROMBUS-CONTAINING LESIONS, WHAT DETERMINES IMPROVEMENT IN LEFT VENTRICULAR REGIONAL FUNCTION AFTER SUCCESSFUL PERCUTANEOUS CORONARY INTERVENTION

A.M Mahrous, M.M Abdelghany, S. Ghareeb, S. Eltobgy
Cairo University, Cairo, Egypt

P204

Poster Session

MYOCARDIAL STUNNING, HIBERNATION AND PRECONDITIONING

THE BENEFICIAL EFFECTS OF CHRONIC STATIN TREATMENT ARE NOT MEDIATED BY DIRECT EFFECTS ON THE ISCHAEMIC MYOCARDIUM

K. Mensah, M.M Mocanu, D.M Yellon, University College London Hospitals and Medical School, London, United Kingdom

URACIL NUCLEOTIDES PROTECT CARDIOMYOCYTES FROM HYPOXIC STRESS

S. Yitzhaki, V. Shneyvays, K. A Jacobson, A. Shainberg
Bar-Ilan University, Ramat-Gan, Israel

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PROTECTION "OUTSIDE THE BOX" (SKELETAL REMOTE PRECONDITIONING) IN RAT MODEL IS TRIGGERED BY FREE RADICAL PATHWAY

Y.S Chen, C.T Chien, M.C Ma, Y.Z Tseng, C.F Chen, I.H Wu, S.C Huang, N.H Chi, National Taiwan University Hospital, Taipei, Taiwan

P205

**Poster Session
HYPERTENSION, BASIC AND CLINICAL**

ASSOCIATION OF ADIPONETCITN T94G POLYMORPHISM AND PLASMA PAI-1 IN PATIENTS WITH AND WITHOUT HYPERTENSION

J.R Jeng, J.H Wang, S.Z Lin
Buddhist Tzu-Chi General Hospital, Tzu-Chi University, Hualien, Taiwan

BERBERINE FOR OVERWEIGHT/OBESE NON-DIABETIC ESSENTIAL HYPERTENSION

X.H Zeng, X.J Zeng, Y.Y Li
Chengdu Second People's Hospital, Chengdu, China

CLINICAL OBSERVATIONS OF EFFECTS OF BERBERINE ON TNF-ALPHA AND ACTIVITY OF ALDOSE REDUCTAS IN CARDIORENAL SYNDROME SECONDARY TO DIABETIC HEART FAILURE

X.H Zeng, X.J Zeng, Y.Y Li, Chengdu Second People's Hospital, Chengdu, China

ROLE OF OVERWEIGHT AND DISADVANTAGE ON HIGH BLOOD PRESSURE IN AFRICAN ORIGIN AND WHITE ADOLESCENTS: THE UK MRC DASH STUDY

S Harding, M Maynard, **J.K Cruickshank**, Clinical Epidemiology and Cardiovascular Medicine Group, University of Manchester, UK

THE PREVALENCE AND PATTERN OF ABNORMAL GLUCOSE TOLERANCE IN ADULT NIGERIANS WITH PRIMARY HYPERTENSION

C.O Odigwe, O.E Essien
University of Calabar Teaching Hospital, Calabar, Cross River State, Nigeria

EFFECT OF CALCIUM SUPPLEMENTATION ON PREVENTION OF PREGNANCY INDUCED HYPERTENSION

M. Kashanian, M. Rayka, Iran University of Medical Sciences, Tehran, Iran

LEFT VENTRICULAR FILLING ABNORMALITIES AND OBESITY ASSOCIATED HYPERTENSION: RELATIONSHIP WITH OVERPRODUCTION OF CIRCULATING TRANSFORMING GROWTH FACTOR BETA 1

G. Parrinello, A. Licata, D. Colomba, T. Di Chiara, C. Argano, P. Bologna, S. Corrao, G. Avellone, R. Scaglione, G. Licata, University of Palermo, Italy

HEART RATE OF HYPERTENSIVE INDIVIDUALS DURING HANDGRIP AND POSTEXERCISE CIRCULATORY OCCLUSION

M.C.V Moreira, D.P Albuquerque, L Napoleao-Lopes, M.S Rosa, I.A.T Fonseca, K.P.M Oliveira, F.C Magalhaes, L.G Madeira, F.C Campos, L.O.C Rodrigues, UFMG, Belo Horizonte, MG, Brazil

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SERUM MATRIX METALLOPROTEINASE TISSUE INHIBITOR TYPE 1 LEVELS

E. Onrat, M. Serteser, A. Celik, D. Kaya, A. Kahraman, T. Koken, M. Melek, M. Alpaslan
Afyon Kocatepe University, School of Medicine, Afyon, Turkey

THE EFFECT OF CALCIUM SUPPLEMENTATION ON PREVENTION OF PREGNANCY INDUCED HYPERTENSION (PIH)

M. Kashanian, M. Rayka
Iran University of Medical Sciences, Tehran, Iran

DIASTOLIC BLOOD PRESSURE MEASUREMENT WITHOUT USING STETHOSCOPE

F. Fallahi, S. Sadeghian, S. Faghihzadeh
Faramarz-Shahed University, Tehran, Iran

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Poster Session

PRACTICE GUIDELINES, COST CONTAINMENT

PRACTICE GUIDELINES INCORPORATED INTO TECHNICIAN LED FOLLOWUP CLINICS BOTH, IMPROVE THE QUALITY AND REDUCE THE COST OF CARE, IN HEART VALVE DISEASE

W. Taggu, A. Topham, L. Hart, N.R Patel, G. Lloyd
Eastbourne DGH, East Sussex, UK

PATIENT ADHERENCE TO AHA GUIDELINES PRE- AND POST AMI

A. Kuznik, University of Maryland, Baltimore, MD, USA

DIFFERENCES IN THE TREATMENT OF PATIENTS WITH HEART FAILURE AND PRESERVED VERSUS DEPRESSED LEFT VENTRICULAR SYSTOLIC FUNCTION – GUIDELINES COMPARE TO CLINICAL PRACTICE

S. Stawicki, M. Roik, M.H Starczewska, A. Solarska-Polchlopek, D. Kosior, O. Warszawik, A. Tuzimek, R. Rodzoch, J. Kochanowski, G. Opolski
Medical University of Warsaw, Poland

THE STUDY OF EFFECTS OF GROUP THERAPY ON DEPRESSION FOLLOWING MYOCARDIAL INFARCTION

Z. Ghazavi, T. Mehrabi, M. Nasiri, F. Sheikhhi
Isfahan University of Medical & Science, Isfahan, Iran

THIENOPYRIDINE THERAPY IN ACUTE CORONARY SYNDROME PATIENTS RESIDING IN GERMANY

P.L McCollam, M.J Lage
Eli Lilly and Company, Indianapolis, IN, USA

LONG-TERM THIENOPYRIDINE THERAPY IN ACUTE CORONARY SYNDROME PATIENTS RESIDING IN THE UNITED KINGDOM

P.L McCollam, M.J Lage, L Bowman
Eli Lilly and Company, Indianapolis, IN, USA

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**Poster Session
COMPUTERS IN CARIOLOGY**

THREE DIMENSIONAL MYOCARDIAL MORPHOLOGICAL OBSERVATION
OF CARDIOMYOPATHIC HAMSTER BY PHASE-CONTRAST X-RAY CT

T.T Lwin, T Takeda, J Wu, Y Tsuchiya, M Minami

Institute of Clinical Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan

WHAT OF CLEAVAGE PLANES? CARDIAC ACTIVATION AND THE
IMPACT OF A DISCONTINUOUS MYOCARDIUM

M.L Trew, G.B Sands, D. Hooks, I. LeGrice, A. Pullan, B. Smaill

Bioengineering Institute, University of Auckland, Auckland, New Zealand

ARTIFICIAL NEURAL NETWORKS AND THEIR APPLICATION IN
DIAGNOSIS OF ACUTE CORONARY COMPLICATIONS

J.L Patel, L.D Patel, R.K Goyal, C.R Chaudhry, K.S Patel, B.D Antala,
A.M Suthar

S. K. Patel College of Pharmaceutical Education and Research, Ganpat
Vidyanagar, Mehsana, Gujarat, India

COMPUTER-ASSISTED CLINICAL CARDIOVASCULAR DIAGNOSIS

M. Alami, D. Pospai, Ghandi Cardiology Center, Casablanca, Morocco

P208

**Poster Session
MISCELLANEOUS II**

BENEFICIAL EFFECT OF MIXED SALAD VEGETABLE
SUPPLEMENTATION ON THE PLASMA CHOLESTEROL STATUS AND
LIPID PEROXIDATION IN MICE FED ATHEROGENIC DIETS

M.R Kim, Y.H Yang, F Penelope, D.E Sok

Chungnam National University, Daejeon, Korea

PREVENTIVE TREATMENT OF TYPE II ENDOLEAK: THE FEASIBILITY
OF A NEW METHOD

M. Zanchetta, L. Pedon, M. Zennaro, F. Faresin, M. Riggi, S. Ronsisvalle

Dipartimento di Malattie Cardiovascolari, Cittadella, Padova, Italy

USE OF ATROPINE IN PATIENTS WITH INCOMPLETE EXERCISE
STRESS TEST

S. Ghaffari, B. Sohrabi, M. Toofan, **A. Sajjadih Khajouei**, A. Maneshgar
Tabriz University of Medical Sciences, Tabriz, Eastern Azarbaijan, Iran

SERUM TOTAL AND LIPOPROTEIN CHOLESTEROL LEVELS AND
AWARENESS, TREATMENT AND CONTROL OF
HYPERCHOLESTEROLEMIA IN CHINA

J. Chen, D. Gu, K. Reynolds, P.K Whelton, J. He

Tulane University, New Orleans, LA, USA

SUNDAY, JULY 17, 2005

P208 (continued)

Poster Hall

UPDATE ON POTENTIAL PULMONARY INSULIN DELIVERY SYSTEMS
AS ALTERNATIVES OF INSULIN INJECTIONS

J.L. Patel

S. K. Patel College of Pharmaceutical Education and Research, Ganpat
Vidyanagar, Ta. and Dist.-Mehsana, Gujarat, India

RACE AND RENAL DETERIORATION AFTER CORONARY
ANGIOGRAPHY: IMPACT OF N-ACETLYLCYSTEINE ON RENAL
FUNCTION

H. Gnanasekeram, V.K Verma, T.R Engel, J.E Parrillo, E.A Iliadis
Cooper Hospital - UMDNJ-Robert Wood Johnson Medical School,
Camden, NJ, USA

SURVEY OF RESEARCH PROBLEMS FROM THE INSIGHT OF
MANGEERS, SCIENTIFIC STAFFS AND RESEARCH EXPERTS IN
ISFAHAN UNIVERSITY OF MEDICAL SCIENCES

H. Najj, M. Kianpour, P. Bahmanziari, S. Arti,
Isfahan University of Medical Sciences, Isfahan, Iran

ADVERSE DRUG REACTION OF CARDIOVASCULAR DRUGS IN CCU
AND POST CCU WARDS IN AN IRANIAN UNIVERSITY GENERAL
HOSPITAL

N. Golchin, K. Gholami Food and Drug Affairs ,Ministry of Health,
Tehran, Iran

16:45 – 19:45

Hall A

PL05

Plenary Session

VASCULAR BIOLOGY, ENDOTHELIAL FUNCTION

VASCULAR EFFECTS OF PHYSICAL EXERCISE. LESSONS FROM ANIMAL
MODELS (Invited Lecture)

G. Kojda, Institut fuer Pharmakologie und Klinische Pharmakologie, Heinrich-
Heine Universitaet, Duesseldorf, Germany

ESTRADIOL AND VASCULAR HEALING: A PROMISING THERAPEUTIC
STRATEGY (Invited Lecture)

J-F Tanguay, P. Gerales, M.G. Sirois, I. Cloutier
Institut de Cardiologie de Montreal, Montreal, Qc, Canada

CONTROLLING INFLAMMATORY CELL ACTIVATION AND RESTORING
ENDOTHELIAL CELL FUNCTION DURING OXIDATIVE STRESS THROUGH
NOVEL CELLULAR TARGETS (Invited Lecture)

K. Maiese, Z.Z Chong, F. Li
Wayne State University, Detroit, MI, USA

NF-KAPPAB SIGNALING IN VASCULAR REPAIR (Invited Lecture)

Z.Q Yan, W. Erl, D.X Bu, R. de Martin, G.K Hansson
Karolinska Institute, Stockholm, Sweden,

SUNDAY, JULY 17, 2005

ROLE OF ANGIOTENSIN II AND MECHANICAL PRESSURE IN OXIDATIVE STRESS IN ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH HYPERTENSION (Invited Lecture)

Y. Higashi, Hiroshima University, Cardiovascular Physiology and Medicine, Hiroshima, Japan

CARDIOPROTECTIVE EFFECT OF POLY(ADP-RIBOSE) POLYMERASE INHIBITION IN REPERFUSION INJURY AND IN HEART FAILURE (Invited Lecture)

C. Szabo, Inotek Pharmaceuticals Corporation, Beverly, MA, USA

RESPECTIVE ROLE OF NITRIC OXIDE AND PROSTAGLANDINS IN ENDOTHELIAL DYSFUNCTION (Invited Lecture)

L. Belhassen, Hopital Prive d'Antony, Antony, France

IS EXPRESSIONAL UPREGULATION OF ENDOTHELIAL NO SYNTHASE A PRACTICAL APPROACH TO PREVENT VASCULAR DISEASE (Invited Lecture)

U. Forstermann, **H. Li**
Johannes Gutenberg University, Mainz, Germany

IN VIVO CASPASE INHIBITION PREVENTS PLAQUE PROGRESSION IN A MOUSE MODEL OF ATHEROSCLEROSIS

R. Hutter, C. Valdiviezo, B. Sauter, J.J. Badimon, V. Fuster
Mount Sinai School of Medicine, New York, NY, USA

16:45 – 19:15

Hall B

PL06

Plenary Session

NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE

CONTEMPORARY DIAGNOSTIC ALGORITHM FOR PERICARDIAL DISEASES: LESSONS TO BE LEARNED FROM THE FIRST EUROPEAN GUIDELINES (Invited Lecture)

P.M Seferovic, University Institute for Cardiovascular Disease, Clinical Center of Serbia, Belgrade, Serbia and Montenegro

AN ANIMAL MODEL OF DIASTOLIC HEART FAILURE; IMPLICATION OF MEDICAL TREATMENT (Invited Lecture)

M. Hori, K. Yamamoto, Y. Sakata, T. Masuyama
Osaka University, Suita, Osaka, Japan,

ASSESSMENT OF LEFT VENTRICULAR DIASTOLIC FUNCTION: ROLE OF ECHOCARDIOGRAPHIC TECHNIQUES (Invited Lecture)

S.F Nagueh, Baylor College of Medicine, Houston, TX, USA

ENDOCARDIAL RADIOFREQUENCY ABLATION OF SEPTAL HYPERTROPHY (ERASH) FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY: A NEW MODALITY OF GRADIENT REDUCTION? (Invited Lecture)

T. Lawrenz, F. Lieder, M. Bartelsmeier-Schmale, H. Kuhn
Bielefeld Klinikum, Dept. of Cardiology, Bielefeld, Germany

SUNDAY, JULY 17, 2005

PL06 (continued)

Hall B

VASOACTIVE INTESTINAL PEPTIDE: A NEW TREATMENT FOR PULMONARY HYPERTENSION (Invited Lecture)
I. Rubinstein, University of Illinois at Chicago, Chicago, Illinois, USA

THE MUSCLE HYPOTHESIS IN CHRONIC HEART FAILURE: MYTH OR FACT? (Invited Lecture)
M.F Piepoli, A. Capucci, G.Q Villani
Cardiology, G da Saliceto Hospital. Piacenza, Italy

CARDIORENAL SYNDROME IN HEART FAILURE (Invited Lecture)
U. Elkayam, University of Southern California, Los Angeles, CA, USA

CARDIOVASCULAR DISEASE IN RENAL FAILURE: AN OVERVIEW (Invited Lecture)
R.R Wenzel, Clinic of Internal Medicine, Cardiology & Nephrology – Cardiovascular Research Zell am See, Austria

IS EMPATHY AN EFFICIENT ADJUNCT THERAPY IN SEVERE HEART FAILURE? (Invited Lecture)
H. J Geschwind, Paris 12 University, Creteil and EHESP, Paris, France

SEX, LIES AND HEART FAILURE (Invited Lecture)
M. Martinez-Selles, University Hospital Gregorio Maranon, Madrid, Spain

16:45 – 19:30

Hall C

S55

Session
INTERVENTIONAL CARDIOLOGY

LEFT ATRIAL APPENDAGE OCCLUSION TO PREVENT STROKE IN SUB-OPTIMAL WARFARIN CANDIDATES: INTERIM RESULTS OF THE EUROPEAN MULTICENTER REGISTRY TRIAL

H. Sievert, Y. Bayard, H. Omran, L.Thuesen, M. Pichler; E. Rowland, A. Bartorelli, P. Brugada, P.W Serruys, W. Budts, A. Ramondo, A. Vahanian, P. Probst, G. Montalescot, J-F. Piéchaud, K-H. Kuck, W. Ruzyllo, J. Marco, T. Wichter, E. Garcia, E Onorato, E. Fischer, M. Leetz, S. Ostermayer, F. Büscheck, H. Lissmann-Jensen, K. Lang
CardioVascular Center Frankfurt, Sankt Katharinen, Frankfurt, Germany

SYSTEMIC NANOPARTICLE ALBUMIN-BOUND PACLITAXEL (ABI-007) FOR PREVENTION OF IN-STENT RESTENOSIS (SNAPIST-I): A FIRST IN MAN SAFETY AND DOSE FINDING STUDY

J.E McDonald, W.P Klinke, J. Margolis, R. Heuser, R. Waksman, R Virmani, J. Fajadet, J.D. Hilton
Victoria Heart Institute Foundation, Victoria, BC, Canada

IMPACT OF ABCIXIMAB ON CORONARY RESTENOSIS IN DIABETIC PATIENTS UNDERGOING ELECTIVE PACLITAXEL-ELUTING STENT IMPLANTATION

L. De Luca, G. Sardella, G. De Persio, A. Di Roma, G. Benedetti, G. Conti, M. Mancone, F. Fedele
Dept. of Cardiovascular and Respiratory Sciences, La Sapienza University, Rome, Italy

NEW INSIGHT IN TRANSCATHETER VALVE REPLACEMENT : APPROACHING THE ATRIOVENTRICULAR VALVES. AN ANIMAL STUDY

Y. Boudjemline, G. Agnoletti, D. Bonnet, D. Sidi, P. Bonhoeffer
Pediatric Cardiology, Necker for Sick Children Hospital, Paris, France, EMUI 0016, Necker University, Paris, France

DOES VASCULAR PATENCY OF CHRONIC TOTAL OCCLUSION(CTO) CONTRIBUTE TO IMPROVE THE LONG-TERM PROGNOSIS?

K. Hirano, T. Muramatsu, R. Tsukahara, Y. Ito, Y. Furuse, S. Nishimura, T. Tsubota, T. Orita
Kawasaki Social Insurance Hospital, Kawasaki City, Japan

IN-STENT RESTENOSIS OFTEN MANIFESTS AS ACUTE CORONARY SYNDROME: IMPLICATIONS FOR WIDESPREAD USE OF DRUG-ELUTING STENTS

V.N Singh, R. Sharma, M. Richardson
Suncoast Cardiovascular Research, St. Petersburg, FL, USA

PERCUTANEOUS INTERVENTION TO THE UNPROTECTED LEFT MAIN CORONARY ARTERY: TWELVE MONTH EXPERIENCE OF UNSELECTED CASES

A.K Jain, E.J Smith, S.K Shukla, A. Mathur, J.C Hogan, C.J Knight, A.D Timmis, M.T Rothman
Barts and The London NHS Trust, London, England, U.K.

STENT-GRAFT TREATMENT OF COMPLETE ACUTE AORTIC TRANSECTION AND PSEUDO-COARCTATION

E. de Cillis, **A.S. Bortone**, D. D'Agostino, L. de Luca Tupputi Schinosa
Institute of Cardiac Surgery, University of Bari, Italy

LONG-TERM RESULTS OF CAROTID STENTING

H. Sievert, E. Schluessmann, J. Sugita, K. Rabe, H. Goedel, H. Lissmann-Jensen, A. Römer, K. Lang, I. Hofmann, T. Middeldorf, P. Schneider, U. Oetjen, C. Thomalske
CardioVascular Center Frankfurt, Sankt Katharinen, Frankfurt, Germany

TOWARDS OFF-SITE PRIMARY ANGIOPLASTY: A RANDOMIZED TRIAL

V. Umans, H. Peels, H. de Swart, R. Hautvast
Medical Center Alkmaar, The Netherlands

MONDAY, JULY 18, 2005

08:30 – 11:15

Hall A

**PL07: Plenary Session
DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES**

DIAGNOSIS AND TREATMENT OF INFLAMMATORY CARDIOMYOPATHY
(Invited Lecture)

H. Schultheiss, Charite-University Medicine Berlin- Campus Benjamin Franklin,
Germany

OBESITY CARDIOMYOPATHY: PATHOGENESIS, CLINICAL RECOGNITION
AND MANAGEMENT (Invited Lecture)

M.A. Alpert, St. John's Mercy Medical Center, St. Louis, MO, USA

COLLAGEN AND CARDIOVASCULAR REMODELING. WHY BOTHER?
(Invited Lecture)

B.I. Jugdutt, University of Alberta, Edmonton, Alberta, Canada

HIV INFECTION AND THE CARDIOVASCULAR SYSTEM (Invited Lecture)

G. Barbaro, Medical Pathophysiology, University of La Sapienza, Italy

PROGNOSTIC FACTORS AND RISK STRATIFICATION IN CHAGAS
HEART DISEASE (Invited Lecture)

A. Rassi Jr, Anis Rassi Hospital, Goiania, GO, Brazil

CARDIAC CA²⁺ CHANNELS PROVIDE A MAJOR PATHWAY FOR IRON
ENTRY INTO HEART CELLS (Invited Lecture)

P.H. Backx, M.G. Trivieri, G.Y. Oudit, University of Toronto, Canada

"IDIOPATHIC DILATED CARDIOMYOPATHY: AN ISCHEMIC MYOCARDIAL
DISEASE?" (Invited Lecture)

D. Neglia, CNR Institute of Clinical Physiology, Pisa, Italy

FABRY CARDIOMYOPATHY: DIAGNOSIS AND TREATMENT (Invited Lecture)

A. Frustaci, Department of Cardiology, Catholic University, Rome, Italy

DOBUTAMINE-INDUCED HYPERSENSITIVITY MYOCARDITIS IN END-
STAGE HEART FAILURE PATIENTS (Invited Lecture)

C.Y. Lui, J.R. Younger, R.E. Sobonya, F.A. Arabia, J.G. Copeland
U. Texas Medical Branch, Galveston, TX, USA

PROSPECTS OF PREVENTIVE MAINTENANCE OF DILATED
CARDIOMYOPATHY, CAUSED BY VIRAL DAMAGE OF HEART
(CLINICAL AND EXPERIMENTAL STUDIES) (Invited Lecture)

N. Kipshidze, Institute of Experimental and Clinical Therapy, Tbilisi, Georgia

MONDAY, JULY 18, 2005

08:30 – 11:15

Hall B

**PL08: Plenary Session
INTERVENTIONAL CARDIOLOGY**

THE PROBLEM OF PCI IN THE ELDERLY (Invited Lecture)
W. Kübler, Neckargemünd, Germany

TRANSCATHETER CLOSURE OF PATENT FORAMEN OVALE FOR SECONDARY PREVENTION OF TIAs AND STROKES: ACUTE RESULTS AND FOLLOW UP IN 770 PATIENTS (Invited Lecture)
H. Sievert, M. Taaffe, R. Hein, F. Büscheck, Bayard, M. Reschke, S. Ostermayer, K. Billinger, Römer, H. Lissmann-Jensen, T. Middeldorf, N. Wilson, I. Hofmann, K. Lang
CardioVascular, Center Frankfurt Sankt Katherinen, Frankfurt, Germany

SIX YEARS OF ALCOHOL SEPTAL ABLATION FOR HOcm: LESSONS LEARNED (Invited Lecture)
N. Lakkis, Baylor College of Medicine, Houston, TX, USA

PERCUTANEOUS CAROTID INTERVENTIONS UNDER NEUROPROTECTION – AN UPDATE 2005 (Invited Lecture)
H. Mudra, Krankenhaus Munchen Neuperlach, Munchen, Germany

DRUG ELUTING STENTS IN CURRENT CORONARY INTERVENTIONAL PRACTICE (Invited Lecture)
V. Mathew, Mayo Clinic, Rochester, MN, USA

"ADVANCES IN BIOENGINEERING AND BIOMATERIALS: IMPROVING INTERVENTIONAL CARDIOLOGY" (Invited Lecture)
S.R. Bailey, University of Texas Health Sciences Center, San Antonio, TX, USA

GENE-ELUTING STENTS FOR PREVENTION OF RESTENOSIS: AN ANTI-INFLAMMATION STRATEGY FOR NEXT-GENERATION INTRAVASCULAR THERAPY (Invited Lecture)
K. Egashira, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

RENAL ANGIOPLASTY AND STENTING UNDER PROTECTION. THE WAY FOR THE FUTURE? (Invited Lecture)
M. Henry, I. Henry, A. Polydorou, A.D. Polydorou, E. Le Borgne, M. Hugel
Cabinet de Cardiologie, Nancy France

S 56

Session
HYPERTENSION, DIABETES MELLITUS, OBESITY AND
ATHEROSCLEROSIS, BASIC AND CLINICAL

IMPAIRED HEMODYNAMIC RESPONSE TO THE CARDIAC EXERCISE
STRESS TEST IN DIABETIC SUBJECTS

A.R Khoshdel, S.L Carney, S. White, P. Fletcher
John Hunter Hospital, Dept. of Nephrology, The University of Newcastle, NSW,
Australia

CARDIAC OVER-EXPRESSION OF CATALASE ABLATES INSULIN
RESISTANCE-INDUCED CARDIAC CONTRACTILE DYSFUNCTION AND
PROTEIN CARBONYL FORMATION INDEPENDENT OF INSULIN RECEPTOR
SIGNALING

F. Dong, C.X. Fang, B.H. Zhao, **J. Ren**, University of Wyoming, Laramie,
WY, USA

FASTING SERUM APOLIPOPROTEIN B-48 LEVEL MEASURED BY NOVEL
ELISA IS A GOOD MARKER OF POSTPRANDIAL HYPERLIPIDEMIA AND
PREDICTS CORONARY HEART DISEASE

S. Yamashita, T. Sugimoto, K. Tsujii, I. Shimomura, Y. Masuda, A. Ikeda,
T. Okuno, Y. Uchida, N. Sakai,
Osaka University Graduate School of Medicine, Suita, Osaka, Japan

INSULIN RESISTANCE IN SPONTANEOUSLY HYPERTENSIVE
CARDIOMYOCYTES:ROLE OF PPAR-GAMMA

F. Gao, H.F Zhang, J. Li, H. Ma, R. Li, Q.H. Ji, W.Y Guo, H.C Wang
Cardiovascular Research Center, Xijing Hospital, Fourth Military Medical
University, Xi'an, China

THE EFFECT OF BODY MASS INDEX CHANGES BETWEEN AGES 5 AND 14
ON BLOOD PRESSURE AT AGE 14: FINDINGS FROM A BIRTH-COHORT
STUDY

A.A Mamun, G.M Williams, D.A Lawlor, M. O'Callaghan, J.M Najman
University of Queensland, Queensland, Australia

LIGHT/DARK VARIATIONS OF CELL-MEDIATED IMMUNITY ACTIVATION IN
PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

M. Garcia-Gonzalez A. Dominguez-Rodriguez, P. Abreu-Gonzalez,
J. Ferrer-Hita, M. Bethencourt-Munoz
Hospital Universitario de Canarias, La Laguna, Tenerife, Spain

EFFECT OF SOYBEAN PROTEIN ON BLOOD PRESSURE: A RANDOMIZED
CONTROLLED TRIAL

J. He, D. Gu, X. Wu, J. Chen, P.K. Whelton, Tulane University, New Orleans, LA,
USA

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S 56 Continued

Hall C

AUTONOMIC DYSFUNCTION IN ASYMPTOMATIC PATIENTS WITH TTR
MET30+

J. Freitas, R. Santos, M. Carvalho, E. Azevedo, E. Teixeira,
F. Rocha-Goncalves, Hospital de Sao Joao, Porto, Portugal

URIC ACID STIMULATES VASCULAR SMOOTH MUSCLE CELL
PROLIFERATION BY INCREASING ENDOTHELIN-1 EXPRESSION

T.H Cheng, H.H Chao, J.C Liu, H.Y Yang, J.Y Liou, K.G Shyu
Taipei Medical University-Wan Fang Hospital & Graduate Institute of Medical
Sciences, Taipei, Taiwan

ROLE OF HYPERPOLARIZATION AND NITRIC OXIDE IN THE RADIAL
ARTERY OF ESSENTIAL HYPERTENSIVE PATIENTS

I. Kardasz, Scuola Superiore S.Anna University, Pisa, Italy

INFLUENCE OF DIABETES MELLITUS OVER PROGNOSIS AND
MANAGEMENT OF NON ST ELEVATION ACUTE CORONARY SYNDROME

J. Ferrer-Hita, A. Dominguez-Rodriguez, M. Garcia-Gonzalez, Abreu-Gonzalez,
M. Bethencourt-Munoz, F. Marrero-Rodriguez
Hospital Universitario de Canarias, La Laguna, Tenerife, Spain

08:30 – 12:30

Poster Hall

P301

Poster Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH II

D-4F AN APOLIPOPROTEIN MIMETIC PEPTIDE CAUSES THE MOVEMENT OF
APOA-I FROM LARGER TO SMALLER HDL PARTICLES

C. Chyu, UCLA, Dept of Medicine, Los Angeles, CA, USA

COLLAGEN AND PICROSIRIUS RED STAINING: A POLARIZED LIGHT
ASSESSMENT OF FIBRILLAR HUE AND SPATIAL DISTRIBUTION

L Rich, **P Whittaker**, University of Massachusetts Medical School, Worcester, MA,
USA

HIGH DENSITY FORM PATIENTS WITH PERIODONTAL DISEASES IS NOT
PROTECTIVE AGAINST LOW DENSITY OXIDATION

A Meshakat, UCLA Dentistry, Los Angeles, CA, USA

REGULATION OF CARDIAC MUSCARINIC RECEPTORS IN CHAGAS DISEASE:
IN VIVO AND IN VITRO ANALYSES

K.R Peraza-Cruces, L.A Gutierrez-Guedez, D.D Castaneda-Perozo, C.R Alvarez-
Yepez, C.S.R Lankford, **C.C Rodriguez-Valenzuela**, R.A Bonfante-Cabarcas,
Universidad Centro Occidental "Lisandro Alvarado", Barquisimeto, Lara, Venezuela

SUPPRESSION OF COLLAGEN PRODUCTION IN CARDIAC FIBROBLASTS
USING TRADITIONAL CHINESE MEDICINAL COMPOUNDS

C.M Yu, Yu Huang, E.K.C Kong, K.P Chen, J.E Sanderson
The Chinese University of Hong Kong, Hong Kong

MONDAY, JULY 18, 2005

ISCHEMIA OR REPERFUSION: WHICH IS A MAIN TRIGGER FOR CHANGES IN NITRIC OXIDE SYNTHASES EXPRESSION

D. Pevni, I. Frolkis, L. de Perini, I. Shapira, A. Kramer, G. Bolotin, G. Uretzky
Tel Aviv Sourasky Medical Center, Israel

INHIBITORY EFFECT OF HIGH CONCENTRATIONS OF SANDIMMUNE ON CYTOCHROME C OXIDASE-DEPENDENT MITOCHONDRIAL RESPIRATION IS REVERSIBLE BY EXTERNAL CYTOCHROME C

A.V. Todor, V.G. Sharov, H.N. Sabbah, Henry Ford Health System, Detroit, MI, USA

ASTROCYTE SUPPORT OF SYNAPTOGENESIS IS AUGMENTED BY NORMAL HDL AND IS PREVENTED BY DYSFUNCTIONAL HDL

K. Navab, UCLA Medicine, Los Angeles, CA, USA

DISTURBED ICA.L BY HYPERPHOSPHORYLATION TO WORSEN CARDIAC FUNCTION IS RELIEVED BY CPU86017

H.L Wang, **D.Z Dai**, W.F Lu, S.B Li, F Yu,
China Pharmaceutical University, Nanjing, Jiangsu, China

ASSOCIATION BETWEEN SPORT AND PATIENTS' RECOVERY AFTER GENERAL SURGERIES AND ANESTHESIA IN RECOVERY UNITS OF SELECTED HOSPITAL OF ISFAHAN UNIVERSITY OF MEDICAL SCIENCES IN 2004

H. Farahmand, A. Fereshtehnejad, A. Fereshtehnejad, Isfahan University of Medical Science, Isfahan, Iran

08:30 – 12:30

Poster Hall

P302

**Poster Session
CARDIAC IMAGING**

FUNCTIONAL ANALYSIS OF THE RIGHT VENTRICLE MOTION USING CINE MRI IN PATIENTS REFERRED FOR SUSPECTED ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA

A. Azarine, X. Lyon, F. Hidden-Lucet, A. Redheuil, O. de Sauniere, E. Mousseaux, HEGP, Paris, France

MULTISLICE COMPUTER TOMOGRAPHIC ANGIOGRAPHY FOR EVALUATION OF PATIENTS UNDERGOING LIVER TRANSPLANTATION

G.J Friedrich, S. Abbrederis, O. Pachinger, D. ZurNedden, I. Graziadei, E. Gassner, W Vogel, G.M Feuchtner, University Hospital, Cardiology Dept, Innsbruck, Austria

MULTISLICE COMPUTER TOMOGRAPHIC ANGIOGRAPHY FOR EVALUATION OF CORONARY ARTERY LESION MORPHOLOGY AND RELATION TO CLINICAL PRESENTATION

G.J. Friedrich, M. Frick, W. Dichtl, F. Weidinger, O. Pachinger, W. Grander, W Koelli, G.M Feuchtner, University Hospital, Innsbruck, Austria

COMPARISON OF DIFFERENT HEART RATE-LOWERING BETA-BLOCKER PROTOCOLS FOR CORONARY CT-IMAGING

A. Azarine, X. Lyon, M. Sapoval, A. Redheuil, B. Mader, E. Mousseaux
HEGP, Paris, France

THE VALUE OF 18FDG COINCIDENCES SPECT FOR DETECTION MYOCARDIAL VIABILITY IN FASTING /GLUCOSE LOADING

H. Shi, X. Zhang, S. Chen, Fudan University, Shanghai, China

MONDAY, JULY 18, 2005

**P303 Poster Session
ECHOCARDIOGRAPHY**

SEMI-AUTOMATIC DETECTION OF LEFT VENTRICULAR CAVITY IN
ATTENUATED HARMONIC CONTRAST IMAGES

S. Yoshifuku, S. Chen, E.M McMahon, I. Ochiai, J. Korinek, M. Belohlavek
Mayo Clinic College of Medicine, Rochester, MN, USA

ROLE OF FETAL ECHOCARDIOGRAPHY IN EARLY DIAGNOSIS OF
COMPLEX HEART DEFECTS WITH DECREASED PULMONARY BLOOD
FLOW

L.A. Bockeria, E.D. Bespalova, A.I. Tyumeneva, O.G. Suratova,
E.S. Sinkovskaya, Bakoulev Center for Cardiovascular Surgery, Moscow,
Russia

DOES CONTRAST ECHOCARDIOGRAPHY IMPROVE LV VOLUME
ANALYSIS IN A ROUTINE SETTING?

J.S Silberbauer, W. Taggu, M. Hankins, A. Topham, A. Arya, J. Vrahimides,
N.R Patel, G.W Lloyd
Eastbourne District General Hospital, Eastbourne, East Sussex, UK

EARLY CONTRACTILE DETERIORATION IN HYPERTENSIVE LEFT
VENTRICULAR HYPERTROPHY

E.M Escudero, A.L Tufare, V Ankudowicz, Italian Hospital, National University of
La Plata, La Plata, Argentina

TRANSESOPHAGEAL ECHOCARDIOGRAPHY IS NOT NECESSARY PRIOR
TO RADIOFREQUENCY ABLATION OF ATRIAL FLUTTER

U.N Kumar, S. Akhtari, E. Foster, B.K Lee,
University of California, San Francisco, CA, USA

ACCURACY OF DOBUTAMINE STRESS ECG FOR DIAGNOSIS OF
CORONARY ARTERY DISEASE

S. Khoaropannah, M Zafar, Shiraz University of Medical Sciences, Shiraz, Iran

**P304 Poster Session
ANGIOPLASTY OR SURGERY FOR MULTIVESSEL CORONARY ARTERY
DISEASE**

EFFECTS OF GENDER AND CARDIOVASCULAR RISK FACTORS ON
PLATELET AND NEUTROPHIL INTERACTIONS IN PATIENTS UNDERGOING
PERCUTANEOUS CORONARY INTERVENTION (PCI)

Z-Y Jiang, N. Azzi, Y. Merhi, J-F Tanguay, Montreal Heart Institute, QC. Canada

CORONARY ARTERY BYPASS GRAFT IN HIV-INFECTED PATIENTS. A
MULTICENTER CASE CONTROL STUDY

F. Boccara, G. Odi, E. Di Angelantonio, A. Cohen, G. Barbarini, **G. Barbaro**
Saint Antoine University Hospital, Paris, France

THE IMPROVEMENTS IN THE PHYSIOLOGICAL CAPACITY OF THE HEART
POST CORONARY ARTERY BYPASS GRAFT SURGERY

A.Y Patwala, D Barker, S.G Williams, M Jackson, L.B Tan, D.J Wright
The Cardiothoracic Centre, Thomas Drive, Liverpool, Meseyside, UK

SEQUENTIAL ENDOVASCULAR COIL EMBOLIZATION FOR A TRAUMATIC
CERVICAL VERTEBRAL AV FISTULA

C.L Hung, YJ Wu, C.J.Y Hou, Mackay Memorial Hospital, Taipei, Taiwan

MONDAY, JULY 18, 2005

CLINICAL EXPERIENCE WITH THE MODIFIED BOOT STRAP ANGIOPLASTY
PROCEDURE FOR DOUBLE VESSEL CORONARY ARTERY DISEASE
A.D. Vrachatis, M.A. Fraley, D.J. Nikas, A.A. Zacharoulis, **M.A. Alpert**
St. John's Mercy Medical Center, St. Louis, MO, USA

P305

Poster Session

**PRIMARY PREVENTION OF CORONARY ARTERY DISEASE IN THE
HEALTHY ADULT AND CHILDREN**

ACUTE EFFECTS OF NICOTINE AND VASOMOTOR ENDOTHELIAL
FUNCTION IN YOUNG MALE SMOKERS

G.E. Roytberg, M.A. Angelina, T.I. Ushakova, Russian State Medical University,
Moscow, Russia

CHARACTERISTICS OF APPARENTLY HEALTHY INDIVIDUALS WITH VERY
LOW C REACTIVE PROTEIN CONCENTRATIONS

I. Shapira, O. Rogowski, S. Toker, S. Melamed, A. Shirom, D. Zeltser, S.
Berliner, Tel Aviv Sourasky Medical Center, Tel Aviv and Tel Aviv University,
Tel Aviv, Israel

THE INFLUENCE OF AGE AND SEX ON SYMPTOM PRESENTATION IN
ACUTE CORONARY SYNDROME

S Moshar, P Aghajanzadeh, Heshmet Hospital, Rasht, Iran

ASSOCIATION OF TEENAGE PREGNANCY WITH ACUTE CORONARY
SYNDROME IN MIDDLE AGE

M H Akbar, Guilan University of Medical Sciences, Rasht. Iran

HIGH RATES OF ATHEROSCLEROSIS AND CARDIOVASCULAR EVENTS IN
SUBJECTS RISK STRATIFIED AS LOW RISK PER FRAMINGHAM

K.O Akosah, V.L McHugh, A.M Schaper, S.I Barnhart, M.A Mathiason,
P.A Perlock, Gundersen Lutheran Health System, La Crosse and University of
Wisconsin Madison, Madison, WI, USA

PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN KUWAIT

F.A Al Assomi, Surra Health Center, Ministry of Health, Kuwait City, Kuwait

ON-SITE CASE MANAGEMENT IS BETTER THAN TELEPHONIC
MONITORING FOR WEIGHT LOSS

D. A Marshall, E.M Walizer, M.N Vernalis
Walter Reed Army Medical Center, Washington, DC, USA

COMPARATIVE STUDY OF OBEDIENCE OF NURSING-PATIENT
RELATIONSHIP PRINCIPLES FROM THE VIEWPOINTS OF PATIENTS AND
NURSES IN ALZAHRA HOSPITAL

M. Nasiri, Isfahan University, Isfahan, Iran

P306

Poster Session

MODIFICATION OF LIPOPROTEINS AND CORONARY DISEASE

PHOSPHOLIPASE A2 LEVELS ARE ASSOCIATED WITH CORONARY
ARTERY DISEASE AND REDUCED WITH STATIN THERAPY

S.H Kim, J.H Zo, M.A Kim, J.S Lee
Boramae Hospital, Seoul National University College of Medicine, Seoul, Korea

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P306 (continued)

Poster Hall

BROAD-SPECTRUM ANTIOXIDANT PEPTIDES DERIVED FROM HIS RESIDUE-CONTAINING SEQUENCES PRESENT IN HUMAN PARAOXONASE1

S.D Nguyen, M.R Kim, **D.E Sok**
Chungnam National University, Daejeon, South Korea

THE EFFECTS OF FOLATE ON SERUM LIPOPROTEINS, HOMOCYSTEINE AND TOTAL ANTIOXIDANT CAPACITY IN HYPERCHOLESTOLEMIC PERSONS

F. Shidfar, R. Homayonfar, A. Kalani
Iran University of Medical Sciences, Tehran, Iran

ANTIOXIDANT EFFECT OF GREEN LEAFY VEGETABLE EXTRACTS ON THE OXIDATION OF HUMAN LOW DENSITY LIPOPROTEIN

M.R Kim, Y.H Yang, **D.E Sok**, Chungnam National University, Daejeon, Korea

EFFECTS OF SOY PROTEIN ISOFLAVONES ON LIPID PROFILE AND SERUM HORMONES IN HYPERCHOLESTEROLEMIC MEN

R. Amani, A. Zand-Moghaddam, Ahvaz Jundi-Shapur University, Ahvaz, Iran

P307

Poster Session

PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION

THE EFFECT OF LONG-TERM CARVEDILOL TREATMENT ON ENDOTHELIAL PROTHROMBOTIC AND FIBRINOLYTIC FACTORS IN PATIENTS WITH CHRONIC HEART FAILURE

E.V. Shlyakhto, **K.A. Khmel'nitskaya**, M.U. Sitnikova
Pavlov State Medical University, Saint Petesburg, Russia

NCX 6550, A NITRO-DERIVATIVE OF PRAVASTATIN IMPROVES ENDOTHELIAL DYSFUNCTION IN SHR

C Presotto, D Miglietta, R Olivieri, A Monopoli, Nicox Research Institute, Bresso, MI, Italy

CHRONIC SILDENAFIL THERAPY IMPROVES RESPONSIVENESS OF ENDOTHELIAL FUNCTION IN DIABETIC PATIENTS

G.M.C Rosano, C Vitale, M Fini, G Marazzi, M Volterrani, Fondazione San Raffaele IRCCS - Roma, Italy

A THERAPEUTIC STRATEGY USING SUBCUTANEOUS MAGNESIUM TO REDUCE SPACE FLIGHT ISCHEMIC INJURIES

W.J. Rowe, Medical College, Ohio at Toledo, U.S.A

THE EFFECTS OF STATINS ON PLASMA ADIPONECTIN LEVELS IN NON-DIABETICS, HYPERCHOLESTEROLEMIC PATIENTS

Y.A Ding, P.F Hsu, T.M Lu, Taipei Veterans General Hospital and National Yang-Ming University, Taiwan, R.O.C.

AN OPEN LABEL CROSSOVER TRIAL OF EFFECTS OF METRONIDAZOL ON HYPERLIPIDAEMIA

K Shamkhani, M.A Pira, M.H. Akbar, Guilan University of Medical Sciences, Rasht, Iran

INHIBITION OF CYCLIC STRAIN-INDUCED ENDOTHELIN-1 SECRETION BY TRILINOLEIN

W. Ko, P. Chan, T. Cheng, Cathay General Hospital, Taipei, Taiwan

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P307 (continued)

Poster Hall

AUTONOMIC FUNCTIONS IN PATIENTS WITH RHEUMATOID ARTHRITIS
E Onrat, C Kilit, D Evcik, N Kara, T Cakir, M Melek, A Avsar, V Kavuncu
Afyon Kocatepe University, Afyon, Turkey

EFFECTS OF SIMVASTATIN ON EXERCISE-INDUCED MYOCARDIAL ISCHEMIA
AND PLASMA ENDOTHELIAL-1 LEVELS IN PATIENTS WITH STABLE ANGINA
WITHIN FOUR WEEKS
J-J Li, R-T Hui, Chinese Academy of Medical Science and Peking Union Medical
Science, Beijing, China

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**Poster Session
MISCELLANEOUS III**

DIFFERENT ORTHOSTATIC INTOLERANCE SYNDROMES PATTERNS IN HEAD-
UP TILT EVALUATION
J. Freitas, R. Santos, M. Carvalho, F. Boomsma, A. Meiracker, F. Rocha-Goncalves,
Hospital de Sao Joao, Porto, Portugal

ADHERENCE TO STATINS, BETA-BLOCKERS, AND ACE INHIBITORS
FOLLOWING A CARDIOVASCULAR EVENT. A RETROSPECTIVE COHORT
STUDY
D.F. Blackburn, R.T. Dobson, J.L. Blackburn, T.W. Wilson, M.R. Stang,
W.W. Semchuk, University of Saskatchewan, Saskatoon, SK, Canada

CLINICAL SYMPTOMS AND NON-INVASIVE TESTING FAIL TO PREDICT THE
PRESENCE OF SIGNIFICANT CORONARY ARTERY DISEASE IN MEN AND
WOMEN UNDERGOING CORONARY ANGIOGRAPHY
W Taggu, AF Cooper, N.R Patel, Guy Lloyd, Eastbourne DGH, Eastbourne, East
Sussex, UK

ASSESSMENT OF CORONARY VEIN ANATOMY WITH CORONARY
ANGIOGRAPHY
A Roka, B Kovacs, S Szilagyi, L Geller, B Merkely, Semmelweis University,
Budapest, Hungary

THE EFFECT OF TONGXINLUO ON ET-1 IN A MINI-SWINE MODEL OF ACUTE
MYOCARDIAL INFARCTION AND REPERFUSION
J.L Zhao, Y.J Yang, J.L. Chen, Fuwai Heart Hospital, Beijing, China

USEFULNESS OF MEASUREMENT OF DIABETIC CONTROL INDEX AS A POINT
OF CARE
S.E Alansari, Armed Forces Hospital, Ministry of Defense, Kuwait

EFFICACY OF PLASMA SEPARATION IN COMPLEX THERAPY OF OLD
PATIENTS WITH POSTINFARCTIONAL CARDIOSCLEROSIS AND HEART
FAILURE
R.M. Zaslavskaya, G.V Lilita, M.I Kalinina, M.M Tejbloom
Hospital No. 60, Moscow, Russia

COMPARISON OF PLASMA LEPTIN LEVELS IN PATIENTS WITH NORMAL,
LOW, MODERATE AND HIGH RISK MYOCARDIAL PERFUSION SCAN
A.H. Bagheri, **R.Olamaei**, A. Khosravi, M.S Khosravi M. Imam, Hossein Hospital,
Shahroud Faculty of Medical Sciences, Islamic Republic of Iran

MONDAY, JULY 18, 2005

11:15 – 13:45

Hall A

- PL09: Plenary Session**
VALVULAR HEART DISEASE / HEART VALVE SURGERY / DISEASES OF THE THORACIC AORTA / SURGICAL REVASCULARIZATION
- MOLECULAR/CELLULAR PATHOPHYSIOLOGY: POSSIBLE BASIS FOR CLINICAL MANAGEMENT IN REGURGITANT VALVULAR DISEASES?
(Invited Lecture)
J. Borer, Weill Medical College of Cornell University, New York, NY, USA
- AORTA: FUNCTION-DYSFUNCTION-CLINICAL IMPLICATIONS
(Invited Lecture)
H. Boudoulas, Foundation Biomedical Research, Academy of Athens, Greece
- INCITING EVENTS FOR ACUTE AORTIC DISSECTION (Invited Lecture)
J.A. Elefteriades, I. Hatzaras, J. Bible
Yale University School of Medicine, New Haven, CT, USA
- PERCUTANEOUS MITRAL VALVE REPAIR (Invited Lecture)
T. Sanborn, Northwestern University Medical School, Evanston, Illinois, USA
- MITRAL VALVE REPAIR IN PATIENTS WITH END-STAGE CARDIOMYOPATHY: WHO WILL BENEFIT? (Invited Lecture)
D.M. Meyer, University of Texas Southwestern Medical Center, Dallas, TX, USA
- PATIENT-PROSTHESIS MISMATCH: DEFINITION (Invited Lecture)
P. Pibarot, Research Center of Laval Hospital, Sainte-Foy, Quebec, Canada
- SURGERY FOR END-STAGE CORONARY DISEASE (Invited Lecture)
K.A. Horvath, National Institute of Health, Bethesda, MD, USA
- COMPLETE MYOCARDIAL REVASCULARIZATION BY "EXCLUSIVE MAMMARY ARTERY GRAFTING": RESULTS OF A SYSTEMATIC APPROACH (Invited Lecture)
P. Nataf, N. Al Attar, R. Ramadan, R. Raffoul, F. Nappi
CCN, Center Cardiologique du Nord, Saint Denis, France
- OSTEOBLASTOGENESIS IN AORTIC VALVE DISEASE (Invited Lecture)
N.M. Rajamannan, Northwestern University Medical School Chicago, IL, USA
- FACTORS DETERMINING BLEEDING RISK AFTER MECHANICAL VALVE REPLACEMENT - 20 YEARS EXPERIENCE IN 1766 PATIENTS
E.G. Butchart, N. Payne, G.G. Grunkemeier
University Hospital of Wales, Cardiff, Wales, UK
- 15 YEARS CLINICAL AND ECHOCARDIOGRAPHIC FOLLOW-UP RESULTS IN 493 PATIENTS UNDERGOING SUCCESSFUL MITRAL BALLOON VALVOTOMY AND PREDICTORS OF LONG-TERM OUTCOME
M.E. Fawzy, W Hassan, F. El Shaer, A. Al Sanei, M Shahid, A. El Dali, M. Al Amri
King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia

MONDAY, JULY 18, 2005

11:15 – 14:00

Hall B

PL10: Plenary Session
ATHEROSCLEROSIS: PATHOGENESIS AND TREATMENT

NUTRITION, INFLAMMATION, AND ATHEROSCLEROSIS (Invited Lecture)
R. Paoletti, University of Milan, Department of Pharmacological Sciences, Milan, Italy

SUCCESSFUL GENE THERAPY AGAINST ATHEROSCLEROSIS BY RAAV DELIVERY OF IL-10 (Invited Lecture)
J.L. Mehta, Y. Liu, J. Chen, J. Xie, S. Bandyopadhyay, A.R. Nemarkommula, P. Mehta, D. Li, P.L. Hermonat,
University of Arkansas for Medical Sciences, Little Rock, AR, USA

THE ROLE OF STEM/PROGENITOR CELLS IN THE PATHOGENESIS OF ARTERIOSCLEROSIS (Invited Lecture)
Q. Xu, St. George's Hospital Medical School, London, UK

MECHANISM OF ATHEROSCLEROTIC PLAQUE INSTABILITY: ROLE OF ANGIOTENSIN II (Invited Lecture)
A. Mezzetti, Atherosclerosis Prevention Center, "G. d'Annunzio" University Foundation, Chieti Scalo, Italy

INFLAMMATION AND INFECTION IN ATHEROSCLEROSIS1 (Invited Lecture)
S. Amar, Boston University Medical Center, Boston, MA, USA

CLINICIANS' GUIDE FOR CARDIAC THERAPY OF THE AGED (Invited Lecture)
S. Stern, Bikur Cholim Hospital, Jerusalem, Israel

CARDIOPROTECTION WITH ISCHEMIC PRECONDITIONING: IS EFFICACY MAINTAINED IN AGING COHORTS? (Invited Lecture)
K. Przyklenk, University of Massachusetts Medical School. Dept. of Emergency Medicine, Worcester, MA, USA

ANTIANGINAL THERAPY AND STRESS TESTING (Invited Lecture)
R. Sicari, CNR, Institute of Clinical Physiology, Pisa, Italy

NEW AND EVOLVING TREATMENT STRATEGIES FOR CHRONIC REFRACTORY ANGINA (Invited Lecture)
G. Barsness, Mayo Clinic, Rochester, MN, USA

MONDAY, JULY 18, 2005

11:15 – 14:00

Hall C

S57:

Session
VASCULAR BIOLOGY, VASCULAR RESEARCH

THE ROLE OF ARGINASE IN ATHEROSCLEROTIC ENDOTHELIAL DYSFUNCTION

Z. Yang, X.F. Ming, C. Barandier, H. Viswambharan, B.R. Kwak, D. Hayoz
Department of Medicine, University of Fribourg, Fribourg, Switzerland

ROLE OF CIRCULATING TISSUE FACTOR ON STENT THROMBOSIS IN AN IN VITRO SYSTEM

T. Palmerini, B. Collet, V. Cervi, L. Tomasi, A. Marzocchi, C. Marrozzini,
P. Ortolani, O. Leone, M. Picciolo, A. Branzi, Policlinico S. Orsola, Bologna, Italy

EXPRESSION OF VEGFR-2 ON CD14+ PERIPHERAL BLOOD MONOCYTES IS ESSENTIAL FOR THEIR ENDOTHELIAL-LIKE FUNCTIONAL CAPACITY

E. Elsheikh, M. Uzunel, Z. He, J. Holgersson, G. Nowak, S. Sumitran-Holgersson,
Divisions of Transplantation Surgery, Karolinska University, Stockholm, Sweden

EFFECT OF STATINS ON INFLAMMATORY MARKERS IN CLAUDICANTS WITH PERIPHERAL ARTERIAL DISEASE (PAD)

R.G. DePalma, V.W. Hayes, P. E. May, H.T. Cafferata, L.R. Zacharski,
B.K. Chow, G. Shamayeva, H.A. Mohammadpour, L.A. Briggs,
Department of Veterans Affairs, Washington, DC, USA

OF HYDROGEN PEROXIDE ON CIRCULATING CELLS WITH ENDOTHELIAL PROGENITOR CAPACITY IN MICE

G. Kojda, S. Kumpf, V. Adams, T. Suvorava, R. Hambrecht, Heinrich-Heine
Universitaet, Duesseldorf, Germany

THROMBOXANE A2 INHIBITS EXPRESSION OF INDUCIBLE NITRIC OXIDE SYNTHASE AND REGULATES VASCULAR TONE

T. Yamada, T. Fujino, K. Yuhki, A. Hara, K. Matsubara, S. Narumiya, F. Ushikubi,
Asahikawa Medical College, Asahikawa, Japan

DOES PERIODONTAL DISEASE INFLUENCE CARDIOVASCULAR RISK? A RANDOMIZED CONTROLLED PILOT TRIAL

F. D'Aiuto, L. Nibali, M. Parkar, J. Suvan, M.S. Tonetti, Eastman Dental Institute and
Hospital, University College London, London, UK

IN VIVO PPAR α ACTIVATION REDUCES BLOOD PRESSURE AND ENDOTHELIAL DYSFUNCTION IN SALT-SENSITIVE HYPERTENSION

L.X. Li, G.D. Fink, **A.F. Chen**, Michigan State University, East Lansing, MI, USA

ENDOTHELIAL FUNCTION IN PATIENTS WITH SICKLE CELL ANEMIA DURING AND AFTER SICKLE CELL CRISES

A. Blum, A. Peleg, K. Kruger, F. Vigder, S. Yegane, K. Khazim
Poria Medical Center, Lower Galilee, Israel

PARTICULATE MATTER REDUCES VASCULAR ENDOTHELIAL FUNCTION

N. Bai, M. Khazaei, I. Laher, S.F. Van Eeden, Department of Pharmacology &
Therapeutics, University of British Columbia, Vancouver, BC, Canada

COMPARATIVE ANALYSIS OF INFLAMMATORY MOLECULAR EXPRESSIONS IN PROTEOMIC STUDY ON A NEW MODEL OF ATHEROSCLEROTIC RAT

P.Y Yang, Y.C Rui, L. Lu, Second Military Medical University, Dept. of
Pharmacology, School of Pharmacy, Shanghai, China

MONDAY, JULY 18, 2005

S57 (continued)

Hall C

S 18886 IMPROVES ENDOTHELIAL FUNCTION ON A LONG TERM BASIS IN ATHEROSCLEROTIC PATIENTS

L. Belhassen, G. Pelle, J.L. Dubois Rande, S. Adnot, Hopital Prive d'Antony, Antony, France

11:15 – 14:00

Hall D

S58

Session

ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION, ANTITHROMBOTIC THERAPY, BIOCHEMICAL MARKERS

POLY-ADP-RIBOSE-POLYMERASE-1 (PARP-1) IS ACTIVATED BY ACUTE MYOCARDIAL INFARCTION AND PRIMARY PERCUTANEOUS CORONARY INTERVENTION

C. Szabo, Inotek Pharmaceuticals Corporation, Beverly, MA, USA

IS TROPONIN ELEVATION AS A SINGLE VARIABLE SUFFICIENT TO REFER A PATIENT FOR CARDIAC CATHETERIZATION?

Y. Selektor, T. Hanane, H. Faraz, J. Guzman, P.J. McLaughlin, Wayne State University, Detroit, MI, USA

THE PROSTAGLANDIN E2-EP4 SYSTEM PROTECTS THE HEART FROM ISCHEMIA-REPERFUSION INJURY

K. Yuhki, A. Hara, S. Narumiya, F. Ushikubi, C.Y. Xiao, T. Fujino, Asahikawa Medical College, Asahikawa, Japan

THE EFFECT OF ADENOSINE ON THE NOS MRNA EXPRESSION IN THE INFARCTED REFLOW AND NO-REFLOW MYOCARDIUM OF MINI-SWINES

Y.J Yang, J.L Zhao, R.L Gao, J.L Chen, Fuwai Heart Hospital, Beijing, China

IMPACT OF THE ESC/ACC CONSENSUS REPORT ON RE-DEFINITION OF MYOCARDIAL INFARCTION IN THE NORDIC COUNTRIES

S. Hjortshoj, J.E Otterstad, B. Lindahl, R. Danielsen, K Pulkki, J Ravkilde
Dept. of Cardiology Aalborg Hospital - Aarhus University Aalborg, Denmark

TARGETED CARDIAC POPULATION PROTEOMICS

U.A. Kiernan, D. Nedelkov, E.E. Niederkofler, K.A. Tubbs, R.W. Nelson
Intrinsic Bioprobes, Inc., Tempe, AZ, USA

IMPROVEMENT OF LEFT VENTRICLE FUNCTION (LVF) IN PATIENTS WITH AMI AFTER INFUSION OF BONE MARROW STEM CELLS (BMSC)

S. Grajek, M. Popiel, P. Breborowicz, M. Lesiak, R. Czepczynski, A. Czyz, L. Gil
M. Kozłowska- Skrzypczak, K. Sawinski, A. Cieslinski, First Department of Cardiology, Poznan, Poland

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Hall D

EFFICACY OF AIR AMBULANCE SYSTEM FOR THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION

N. Hata, N. Kobayashi, T. Imaizumi, S. Yokoyama, T. Shinada, M. Ishikawa, K. Shiiba, Y. Suzuki, J. Tanabe, K. Mashiko, Nippon Medical School, Inbagun, Chiba, Japan

TEN YEARS FOLLOW-UP OF BRAUNWALD CLASS III AND IV REFRACTORY UNSTABLE ANGINA WHO WERE TREATED WITH ABCIXIMAB FACILITATED PCI

V.A. Umans, C.J. Broers, S. Schrijver, J.H. Cornel
Medical Center Alkmaar, The Netherlands

COMPLETE ELECTROCARDIOGRAPHIC AND CLINICAL RESOLUTION OF ST ELEVATION MYOCARDIAL INFARCTION UPON ADMISSION; CLINICAL FEATURES AND COURSE WITH AN EARLY INVASIVE APPROACH

S.R. Dacca, A. Friemerman, D. Blondheim, A. Shotan, R. Meisel
Hillel Yaffe Medical Center, Hadera, Israel

TRANSCATHETER CLOSURE OF POST MYOCARDIAL INFARCTION VENTRICULAR SEPTAL RUPTURE- A SINGLE CENTER EXPERIENCE

M. Vijayakumar, M. Krishnakumar, K.K. Haridas
Amrita Institute of Medical Science & Research Center, Elamakkara, India

14:00 – 16:45

Hall A

PL11: Plenary Session
CLASSIC PEDIATRIC CARDIOLOGY/ADULT CONGENITAL AND FETAL CARDIOLOGY

LATEST DEVELOPMENTS IN PEDIATRIC MECHANICAL CIRCULATORY SUPPORT (Invited Lecture)

B.W Duncan, Children's Hospital at the Cleveland Clinic, Cleveland, Ohio, USA

PATHOGENESIS AND MANAGEMENT OF KAWASAKI DISEASE (Invited Lecture)

M. Terai, Chiba University, Graduate School of Medicine, Chiba, Japan

OUTCOMES FOR ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture)

G.L. Rosenthal, F. Xu, B.W. Duncan, L.A. Latson, A.A. Rimm
Cleveland Clinic Foundation, Cleveland, Ohio, USA

MATERNAL LOW PROTEIN DIET INDUCES NEONATAL AND ADULT CARDIAC DYSFUNCTION (Invited Lecture)

P.S. Tappia, K.K. Cheema, M.R. Dent, N. Aroutiounova
University of Manitoba, Winnipeg, MB, Canada

PATHOGENESIS AND MANAGEMENT OF AORTIC DILATION IN ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture)

A. Yetman, University of Colorado, Denver, CO, USA

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PL11 (continued)

Hall A

ARRHYTHMIC RISK STRATIFICATION IN PATIENTS OPERATED ON FOR TOTAL CORRECTION OF TOF: ACCURACY OF ELECTROPHYSIOLOGICAL PARAMETERS AND ITS CORRELATION WITH MORPHOFUNCTIONAL STATUS (Invited Lecture)

L. Daliento, University of Padua, Italy

DANON DISEASE AS A FREQUENT CAUSE OF HYPERTROPHIC CARDIOMYOPATHY IN CHILDREN

Z. Yang, C.J. McMahon, L.R. Smith, J. Bersola, A.M Adesina, D.L Kearney, S. Berger, J.A Towbin, K.R Bowles, **N.E Bowles**
Baylor College of Medicine, Houston, Texas, USA

COLOR M-MODE PROPAGATION VELOCITY IN HUMAN FETUSES CHANGES THROUGH GESTATION

A.J Moon-Grady, T.A Tacy, D. Taylor, L.K. Hornberger
University of California, Davis, Sacramento, CA, USA

OFF-PUMP REPLACEMENT OF THE PULMONARY VALVE IN LARGE RIGHT VENTRICULAR OUTFLOW TRACTS: A HYBRID APPROACH

Y. Boudjemline, S. Schievano, D. Bonnet, D. Sidi, P. Bonhoeffer
Neckerfor Sick Children Hospital, Neckler University, Paris, France

DIASTOLIC DYSFUNCTION ASSESSED BY TISSUE DOPPLER IMAGING IN PATIENTS WITH REPAIRED TETRALOGY OF FALLOT

K.C. Cumbermack, A.J. Moon-Grady, S.K. Bennett, T.A. Tacy
UC Davis Medical Center, Sacramento, CA, USA

MANAGEMENT OF LATE HEART FAILURE WITH REVISION AFTER CLASSIC FONTAN PROCEDURE

M. Ruzmetov, P. Vijay, M.D. Rodefeld, M.W. Turrentine, J.W. Brown
Indiana University School of Medicine, Indianapolis, IN, USA

14:00 – 16:45

Hall B

PL12: Plenary Session

ARRHYTHMIAS II: DIAGNOSIS / DRUG THERAPY / ABLATION

“INTERATRIAL BLOCK --- FORERUNNER OF ATRIAL FIBRILLATION: A POORLY PERCEIVED PANDEMIC” (Invited Lecture)

D.H Spodick, University of Massachusetts, Worcester, MA, USA

ASYMPTOMATIC OR "SILENT" ATRIAL FIBRILLATION (Invited Lecture)

R.L Page, University of Washington School of Medicine, Seattle, WA, USA

MONDAY, JULY 18, 2005

PL12 (continued)

Hall B

PHARMACOLOGICAL THERAPY OF ATRIAL FIBRILLATION: FIRST OR
LAST SOLUTION? (Invited Lecture)

A. Capucci, G.Q. Villani, M.F. Piepoli,
Cardiology, G. da Saliceto Hospital, Piacenza, Italy

ARRHYTHMOGENIC EFFECTS OF ILLICIT DRUGS IN ATHLETES
(Invited Lecture)

F. Furlanello, S. Bentivegna, A. Bertoldi, F. Terrasi, R. Cappato, L. De Ambroggi
University of Milan, San Donato Milanese, Italy

ATRIAL FIBRILLATION: THE ROLE OF AVN ABLATION AND PACING
(Invited Lecture)

W.K. Shen, Mayo Clinic, Rochester, MN, USA

LONG TERM TEMPORAL PATTERNS OF RECURRENT VENTRICULAR
TACHYARRHYTHMIAS (Invited Lecture)

M.A. Wood, Virginia Commonwealth University Medical Center, Richmond,
VA, USA

THE EVOLUTION OF ABLATION FOR THE TREATMENT OF ATRIAL
FIBRILLATION (Invited Lecture)

P.G. Guerra, Montreal Heart Institute, Montreal, Quebec, Canada

RATE CONTROL OF ATRIAL FIBRILLATION: INSIGHTS FROM AFFIRM
STUDY

B. Olshansky, L.E. Rosenfeld, A.L. Warner,
A.J. Solomon, G. O'Neill, A. Sharma, E. Platia, G.K. Feld, T. Akiyama,
L.H. Greene, University of Iowa, Iowa City, USA

RSD1235 IV FOR CONVERSION OF ATRIAL FIBRILLATION THE ATRIAL
ARRHYTHMIA CONVERSION TRIAL (ACT I)

D. Roy, C. Pratt, D.G. Wyse, E. Toft, C. Torp-Pedersen, S. Juul-Moller,
Montreal Heart Institute Research Center, Montreal, Quebec, Canada,

CHARACTERIZATION OF SVC MYOCARDIAL SEGMENTS AND RIGHT
ATRIAL CONNECTIONS BY NONCONTACT MAPPING

R.C. Klein, University of Utah Health Center, Salt Lake City, Utah, USA

14:00 – 16:45

Hall C

S59

Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

WHAT IS THE PROGNOSTIC VALUE OF A NORMAL BUT SUBMAXIMAL
PREOPERATIVE DOBUTAMINE STRESS ECHOCARDIOGRAM?

S.B. Labib, M. Goldstein, P.M. Kinnunen, E.C. Schick
Lahey Clinic, Medical Center, Burlington, MA, USA

SUPERIORITY OF TRANSTHORACIC THREE-DIMENSIONAL DOBUTAMINE STRESS ECHOCARDIOGRAPHY FOR THE ASSESSMENT OF PRESENCE AND EXTENT OF ISCHEMIA; A COMPARATIVE STUDY WITH SIMULTANEOUS CONVENTIONAL TWO-DIMENSIONAL DOBUTAMINE STRESS ECHOCARDIOGRAPHY, THALLIUM SPECT AND QUANTITATIVE CORONARY ANGIOGRAPHY

H.F. Mannaerts, J.A. Van der Heide, O. Kamp, J. Twisk, C.A. Visser, M.G. Stoel, F.C. Visser
VU Medical Center, Amsterdam, The Netherlands

MONITORING OF CORONARY RESTENOSIS AFTER STENT IMPLANTATION USING TRANSESOPHAGEAL ECHOCARDIOGRAPHY

P.S Wild, T. Gaidzik, T. Geisler, R.J. Zotz
Medizinische Klinik, Schwalmstadt, Hessen, Germany

EARLY IDENTIFICATION OF LEFT VENTRICULAR REMODELING AFTER MYOCARDIAL INFARCTION, ASSESSED BY TRANSTHORACIC 3D ECHOCARDIOGRAPHY

H.F Mannaerts, J.A Van der Heide, O. Kamp, M.G. Stoe, J. Twisk, C.A. Visser
VU Medical Center, Amsterdam, The Netherlands

ASSOCIATION OF QRS DURATION WITH RATE OF MORTALITY AS AN EARLY PREDICTOR IN ACUTE MYOCARDIAL INFARCTION

Z. Yekta, K. Khademvatan, A. Rostamzade, Z. Braty, K. Alizade
Uromia Medical University, Uromia, Iran

A COMPARATIVE STUDY OF ELECTROCARDIOGRAPHIC CHANGES IN HEMORRHAGIC AND ISCHMIC CEREBROVASCULAR ATTACK PATIENTS

Z. Yekta, K. Khademvatan, A. Fatalahy, Z. Razavy, S. Alizade
Uromia Medical University, Uromia, Iran

APPLICATION OF GATED-SPECT IN THE EVALUATION OF THERAPEUTIC RESPONSE OF STEM CELLS IMPLANTED AFTER MYOCARDIAL INFARCTION

H. Shi, X. Zhang, S. Chen, Y. Li, J. Ge
Zhongshan Hospital, Fudan University, Shanghai, China

MAGNETIC RESONANCE IMAGING ABNORMALITIES AND OUTCOME OF RF ABLATION IN PATIENTS WITH RVOT TACHYCARDIA

R. Krittayaphong, S. Keawkamthong, T.Boonyasirinun, P. Saiviroonporn, S. Nakyen, P. Thanapiboonpol, W. Waranaprakarnchai
Siriraj Hospital, Bangkok, Thailand

QUANTIFICATION OF CORONARY ARTERY STENOSES BY A NEWLY DEVELOPED 3-DIMENSIONAL SOFTWARE IN INTERVENTIONAL CARDIOLOGY - A COMPARISON WITH QCA

H. Rittger, B. Schertel, V. Schibgilla, H. Marom, M. Lichtlein, J. Brachmann
Klinikum Coburg, Coburg, Germany

EFFECTS OF LEVOSIMENDAN ON LEFT VENTRICULAR DIASTOLIC FUNCTION AFTER PRIMARY ANGIOPLASTY FOR ACUTE ANTERIOR MYOCARDIAL INFARCTION

L. De Luca, P. Proietti, B. Brasolin, A. Di Roma, G. Benedetti, G. Sardella, F. Fedele, La Sapienza University, Rome, Italy

MONDAY, JULY 18, 2005

S59 (continued)

Hall C

RELATION OF CORRECTED TIMI FRAME COUNT AND ST SEGMENT
RESOLUTION TO MYOCARDIAL TISSUE PERFUSION AFTER AMI

X.H. Zhang, X.J. Ma
Shandong Provincial Hospital, China

14:00 – 16:45

Hall D

S60

Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

LOSS OF ATP-INDUCED SIGNAL TRANSDUCTION MECHANISM IN THE
STUNNED MYOCARDIUM DUE TO ISCHEMIA-REPERFUSION INJURY
(Invited Lecture)

H.K. Saini, N.S. Dhalla
University of Manitoba, Winnipeg, MB, Canada

DUAL EFFECT OF THE AT₂ RECEPTOR IN THE CARDIOVASCULAR
SYSTEM - AT₂ MEDIATES CELL GROWTH IN THE HEART BUT NOT
ARTERY

O. Watanabe, T. Saito, R. Ding, N. Wang, G.D. Frank, T. Inagami,
T. Senbonmatsu, Vanderbilt University, Nashville, TN, USA

IN VITRO DIFFERENTIATION OF HUMAN CARDIAC PROGENITOR CELLS
INTO CARDIOMYOCYTES

A. Brutel de la Riviere, M.J. Goumans, A. Smits, P. van Vliet, C. Seinen,
R. Hassink, **P. Doevendans**, HLCU, Utrecht, The Netherlands

ISCHEMIC PRECONDITIONING IN INTACT RAT HEART IS MEDIATED BY
ENDOGENOUS CANNABINOID RECEPTORS

A.R. Hajrasouliha, S. Tavakoli, P. Jabehdar-Maralani, F. Ebrahimi,
A.R. Dehpour, Tehran University of Medical Sciences, Tehran, Iran

FUNCTIONAL SIGNIFICANCE OF CARDIAC BETA₃-ADRENORECEPTORS IN
ALCOHOLIC MONKEYS

H.J. Cheng, K.A. Grant, J.B. Daunais, D.P. Friedman, W.C. Little, C.P. Cheng
Wake Forest University School of Medicine, Winston-Salem, NC, USA

HEPARIN ADDED TO CARDIOPLEGIC SOLUTION INHIBITS TNF-ALPHA
PRODUCTION AND ATTENUATES MYOCARDIAL ISCHEMIC-REPERFUSION
INJURY

I. Frolkis, D. Pevni, I. Shapira, Y. Paz, N. Neshet, R. Mohr, G. Uretzky
Tel Aviv Sourasky Medical Center and Tel Aviv University, Israel

INTRAMYOCYTE DETECTION OF EPSTEIN-BARR VIRUS GENOME BY
LASER CAPTURE MICRODISSECTION IN PATIENTS WITH INFLAMMATORY
CARDIOMYOPATHY

C Chimenti, M Pieroni, A Russo, F Calabrese, R Verardo, G Thiene,
A Maseri, MA Russo, A Frustaci, Catholic University, Rome, Italy

DAILY URINARY ISOPROSTANE EXCRETION AS MARKER OF CHRONIC
HEART FAILURE

S. Radovanovic, M. Krotin, N. Ninkovic, M. Zaja, A. Savic-Radojevic, M. Opacic,
M. Pljesa-Ercegovic, J. Mimic-Oka, D.V Simic, T. Simic
University Hospital Bezanijska Kosa, Belgrade, Serbia & Montenegro

MONDAY, JULY 18, 2005

S60 (continued)

Hall D

THREE-DIMENSIONAL RECONSTRUCTION AND CONNEXIN CHARACTERIZATION OF THE RABBIT AND RAT ATRIOVENTRICULAR CONDUCTION AXIS

Y.S Ko, H.I Yeh, N.J Severs

Chnag Gung Memorial Hospital, Taipei, Taiwan

THE ROLE OF MAST CELLS IN AORTIC INTIMA IN DEVELOPMENT OF ARTERIOSCLEROSIS

H.J Sommer, Ruppiner-Kliniken Academic Hospital of the Charite, Berlin, Germany

CYCLOSPORINE A IMPROVES MITOCHONDRIAL FUNCTION IN ISOLATED FAILING CARDIOMYOCYTES

V.G. Sharov, A.V. Todor, Y. Ishigai, M. Imai, H.N. Sabbah

Henry Ford Health System, Detroit, MI, USA

IN VIVO STUDY OF THE ROLE OF CYSTIC FIBROSIS TRANSMEMBRANE-CONDUCTANCE REGULATOR CL CHANNELS IN EARLY AND LATE CARDIAC ISCHEMIC PRECONDITIONING

L Ye, L Dwyer, **D Duan**

University of Nevada, Reno, NV, USA

14:00-18:00

Poster Hall

P401: Poster Session

VASCULAR BIOLOGY, BASIC RESEARCH II

INTERFERON-BETA ATTENUATES ATHEROSCLEROTIC PLAQUE PROGRESSION AND DECREASES MACROPHAGE CONTENT OF LESIONS

M.A. Hook, Z. Zhou, M Kiedrowski, P Heeger, V.K. Tuohy, A Maroo, E.J. Topol, M.S. Penn

The Cleveland Clinic Foundation, Cleveland, Ohio, USA

REPETITIVE EXPOSURE TO HIGH TGRLS: A CAUSE OF EARLY VASCULAR INJURY?

F.N. Mbai, J.C. Rutledge, **A.A. Knowlton**

University of California, Davis, and VA Medical Center, Sacramento, CA, USA

ENDOTHELIAL PROTHROMBOTIC AND FIBRINOLYTIC FACTORS IN PATIENTS WITH ISCHEMIC HEART DISEASE AND CHRONIC HEART FAILURE

E.V. Shlyakhto, **K.A. Khmel'nitskaya**, M.U. Sitnikova

Pavlov State Medical University, Saint Petersburg, Russia

MIXTURE OF NATURAL NUTRIENTS REDUCES COLLAGEN MATRIX CONTRACTION DRIVEN BY AORTIC SMOOTH MUSCLE CELLS

V. Ivanov, S. Ivanova, M.W. Roomi, A. Niedzwiecki, M. Rath

Matthias Rath Research Institute, Santa Clara, CA, USA

MONDAY, JULY 18, 2005

14:00 -18:00

Poster Hall

IS SUCCESSFUL CORONARY SINUS LEAD PLACEMENT PREDICTABLE IN PATIENTS UNDERGOING CARDIAC RESYNCHRONIZATION THERAPY?

C. Suga, K. Matsumoto, R. Kato, H. Ishida, S. Nakahara, T. Namiki, S. Nishimura
Saitama Medical School, Saitama, Japan

COMPARISON OF INDICES OF ARTERIAL ELASTICITY IN PROGRESSIVE AGE RELATED ENDOTHELIAL DYSFUNCTION IN TWO DIFFERENT ETHNIC POPULATIONS IN PUNE AND GOA IN INDIA

N.M Kulkarni, J.S Hiremath, G.V Prabhu, M Mehta
Poona Hospital & Research Institute Pune India, Poona, India

THE EFFECT OF GENISTEIN ON MYOCARDIAL PROTECTION AND PRECONDITIONING IN HYPERCHOLESTEROLEMIA

E. Sbarouni, G. Vlachou, I. Andreadou, A. Zoga, E.K. Iliodromitis, D. Th Kremastinos
Onassis Cardiac Surgery Center, Athens, Greece

P402:

Poster Session

ACUTE MYOCARDIAL INFARCTION: THROMBOLYSIS AND REPERFUSION

INSULIN IMPROVES CARDIAC FUNCTIONAL RECOVERY WITHOUT INCREASING MYOCARDIAL OXYGEN CONSUMPTION IN MI/R DOGS

H.C. Wang, J.H. Huo, H..X. Zhang, Q.J. Zhang, L.Z. Xiong, H. Su, W.Y. Guo, F. Gao
Xijing Hospital, Fourth Military Medical University, Xi'an, China

BENEFICIAL EFFECTS OF NICORANDIL ON MYOCARDIAL NO-REFLOW IN A MINI-SWINE MODEL OF ACUTE MYOCARDIAL INFARCTION AND REPERFUSION

Y.J Yang, J.L. Zhao, R.L. Gao, J.L. Chen
Fuwai Heart Hospital, Beijing, China

FOSINOPRIL IS EFFECTIVE IN PREVENTING MYOCARDIAL NO-REFLOW AFTER AMI AND REPERFUSION

Y.J. Yang, J. Zhao, R. Gao, J.Chen, S.J.You
Fuwai Heart Hospital, Beijing, China

MYOCARDIAL INTOLERANCE TO OXIDATIVE STRESS PEAKS AT MIDDLE AGE IN MALE RATS

J.W. Starnes, B.J. Mathis, R.P. Taylor
University of Texas, Austin, TX, USA

COMPARISON OF ST-SEGMENT RESOLUTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION TREATED WITH BOLUS INTRAVENOUS OF HEPARIN AND FRAXIPARIN

I. Balla, N. Kuke, A. Gace, G. Bardhaj, A. Kondili
University Hospital Center "Mather Tereza" Tirana, Albania

EXTENT OF DELAY AND FACTORS ASSOCIATED WITH PRE-HOSPITAL DELAY IN ACUTE MYOCARDIAL INFARCTION PATIENTS IN A TERTIARY CARE HOSPITAL OF KARACHI, PAKISTAN

M.S. Khan, T.H. Jafar, F.H. Jafary, A. M. Faruqui, S.I. Rasool, J. Hatcher, N. Chaturvedi
Aga Khan University, Karachi, Pakistan

THE RISK OF UPPER GASTROINTESTINAL BLEEDING AND THE USE OF PROTON PUMP INHIBITORS IN ACUTE CORONARY SYNDROMES

M. Abdallah, K. Barada, A. Sharara, H. Tamim, H. Dakik
American University of Beirut, Beirut, Lebanon

BENEFICIAL EFFECTS OF ISCHEMIC PRECONDITIONING ON MYOCARDIAL NO-REFLOW IN A MINI-SWINE MODEL OF ACUTE MYOCARDIAL INFARCTION AND REPERFUSION

Y.J Yang, J.L Zhao, R.L Gao, J.L Chen
Fuwai Heart Hospital, Beijing, China

ASO TITER AND EFFICACY OF STREPTOKINASE IN ACUTE MYOCARDIAL INFARCTION

M.A Ostovan, M.R Kalantar, S.H. Hooshmand
Shiraz University, Shiraz, Iran

MANAGEMENT OF PATIENT WITH LOW RISK CHEST PAIN AT THE TIME OF ADMISSION

A.R Ziaei Torbati, M Ziaei Torbati, R Parvizi
University of Medical Sciences, Tabriz, Iran

P403:

Poster Session

SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION, CARDIAC REHAB

OUTCOMES IN HEART FAILURE PATIENTS WITH PRESERVED LEFT VENTRICULAR SYSTOLIC FUNCTION. ONE-YEAR FOLLOW-UP RESULTS

S. Stawicki, M. Roik, M.H. Starczewska, A. Solarska, D. Kosior, O. Warszawik, G. Opolski
Medical University of Warsaw, Poland

RESISTANCE TO ROUTINE ANTIPLATELET MEDICATION AND THE EFFICACY OF LONG-TERM ASPIRIN AND THIENOPYRIDINE THERAPIES

T. Alexy, Z. Marton, B. Horvath, K. Koltai, G. Feher, G. Stef, L. Szapary, G. Kesmarky, L. Czopf, K. Toth
University of Southern California, Los Angeles, CA, USA

THE EFFECT OF RALOXIFENE ON NEW MARKERS OF CARDIOVASCULAR RISK

E Sbarouni, E Psarros, I Fostinis, D Kremastinos
Onassis Cardiac Surgery Center, Athens, Greece

IMPLEMENTING SELF-CARE IN THE CARDIAC REHABILITATION PROGRAM

H.J. Kennedy-Symonds, Burnaby Hospital, Burnaby, British Columbia, Canada

MILD OR MODERATE CREATINE KINASE MB ELEVATION AFTER CORONARY ANGIOPLASTY IS NOT ASSOCIATED WITH ADVERSE SHORT TERM CLINICAL OUTCOME

Y.Y. Abdelmonem, M. A. Abdelhameed, H. I. Kandil, Sh. F. Eltobgi
Cairo University, Cairo, Egypt

ANEMIA IN PATIENTS WITH DIASTOLIC AND SYTOLIC HEART FAILURE – CLINICAL PICTURE, PREVALENCE AND PROGNOSIS

M. Roik, S. Stawicki, M.H. Starczewska, A. Solarska, O. Warszawik, D. Kosior, G. Opolski, 1st. Department of Cardiology, Medical University, Warsaw, Poland

THE EFFECTS OF HEMODIALYSIS ON AUTONOMIC FUNCTIONS IN PATIENTS WITH CHRONIC RENAL FAILURE

M Melek, S Yuksel, A Celik, **E Onrat**, I Dogan, A Avsar, G Acarturk, I Uslan
Afyon Kocatepe University, School of Medicine, Afyon, Turkey

CLINICALLY SIGNIFICANT ATHEROSCLEROSIS OF CAROTID ARTERIES AND CORONARY ARTERY CHANGES

M. Krotin, O. Stojanovic, B. Milovanovic, N. Ninkovic, B. Zivanovic, S. Hinic, S. Djordjevic, D. Vukovic, D. Celektic, M. Ostojic
University Hospital Bezanijska Kosa, Belgrade, Serbia

THREE-DIMENSIONAL RECONSTRUCTION AND CONNEXIN CHARACTERIZATION MARITAL RELATION AMONG MYOCARDIAL INFARCTION PATIENTS HOSPITALIZED IN CCUS

M. Moeini, T. Mehrabi
Isfahan University of Medical Science, Isfahan, Iran

NEW DIAGNOSTIC GUIDELINE OF RESTENOSIS AFTER CORONARY ANGIOPLASTY IN OLD PEOPLE

T.C. Chang, G.P. Jong, T. Ma
Armed- Force Taichung General Hospital, Taiping, Taichung, Taiwan, ROC

THE IMPACT OF METABOLIC SYNDROME ON LATE OUTCOME AFTER PERCUTANEOUS CORONARY INTERVENTION

E.E Guerios, R.R.L. Bueno, J.C.E. Tarastchuk, D.C Nercolini, P.M.P Andrade, A.L.A. Pacheco, F.T Ultramari
Interventional Cardiology Dept, Hospital Universitario Evangelico, Curitiba, Brazil

FAMILIAL PREMATURE CORONARY ARTERY DISEASE MORTALITY AND OBSTRUCTIVE SLEEP APNEA

A.S Gami, S. Rader, A. Svatikova, R. Wolk, M. Winnicki, V.K Somers
Mayo Clinic College of Medicine, Rochester, MN, USA

P404:

Poster Session

DIABETES MELLITUS, OBESITY, INSULIN AND ATHEROSCLEROSIS

PRE-EXISTENCE OF METABOLIC SYNDROME DOES NOT AFFECT LONG TERM SURVIVAL OF HEART TRANSPLANTED PATIENTS

A.A Peter, R. Vatthyam, J. Osorio-Filho, J. Chirinos, J. Jimenez
Jackson Memorial Hospital, University of Miami, Miami, FL, USA

**P404: Poster Session
DIABETES MELLITUS, OBESITY, INSULIN AND ATHEROSCLEROSIS**

THE O-SIGN IN THE OBESE-NORMAL ELECTROCARDIOGRAM

W. Li, D. Bloomfield
St. Vincent Catholic Medical Center, Staten Island, NY, USA

LONG-TERM AEROBIC EXERCISE IMPROVES INSULIN SENSITIVITY IN THE HEART: KEY ROLE OF NOS

Q.J. Zhang, Q.X. Li, K.R. Zhang, H. Su, W.Y. Guo, H.C. Wang, F. Gao
Fourth Military Medical University, China

ACCUMULATION OF CHYLOMICRON REMNANTS (CR) IN DIABETIC PATIENTS IN RELATION TO CORONARY HEART DISEASE (CHD) -- ANALYSIS BY A NOVEL ELISA FOR APO B-48

S Yamashita, T Sugimoto, K Tsujii, M Koseki, I Shimomura, Y Uchida, N Sakai
Osaka University Graduate School of Medicine, Suita, Osaka, Japan

EFFECT OF L-CARNITINE ON LIPID METABOLISM AND CARDIAC PERFORMANCE IN EXPERIMENTAL TYPE 2 DIABETES

J. L. Patel, P. A Bhatt, R. K Goyal
S. K. Patel College of Pharmaceutical Education and Research, Ganpat Vidyanagar, Mehsana, Gujarat, India

IMPACT OF BODY MASS INDEX ON OUTCOMES OF OBESE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION

E.E. Guerios, R.R.L. Bueno, J.C.E. Tarastchuk, D.C. Nercolini, P.M.P. Andrade, A.L.A. Pacheco, F.T. Ultramari
Hospital Universitario Evangelico, Curitiba, Brazil

STRESS TEST IMAGING IN PATIENTS WITH METABOLIC SYNDROME AND DIABETES MELLITUS

R. Mastouri, M. Meda, F. Azzouz, M. Kamalesh
Indiana University, Indianapolis, IN, USA

EVALUATING THE CONTROL OF CARDIOVASCULAR RISK FACTORS (CRF) IN TYPE 2 DIABETIC PATIENTS SUBMITTED TO CORONARY ANGIOGRAPHY (CA)

M A Cosso, **M.C. Moreira**, M Marino, C C Cesar, L C Brant, M Paiva, L M Diniz
School of Medicine, Federal University of Minas Gerais, Brazil

EVALUATION OF METABOLIC DISORDERS AND INFLAMMATION MARKERS IN PATIENTS WITH VISCERAL TYPE OF OBESITY

N. Kipshidze, T. Gamezardashvili, T. Talakvadze, G. Nikolaishvili
National Center of Therapy, Tbilisi, Georgia

THE DETECTION OF LOW-GRADE AND SMOLDERING INTERNAL INFLAMMATION IN OBESE INDIVIDUALS

I. Shapira, O. Rogowski, D. Samocha-Bonet, Y. Goldin, T. Tolshinsky, T. Mardi, D. Zeltser, S. Berliner
Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

MONDAY, JULY 18, 2005

ACCURACY OF VASCULAR DUPLEX IN PREDICTING CORONARY ARTERY DISEASE. THE IMPACT OF DIABETES MELLITUS

A.M. AbdelWahab, E. Baligh, M. Mokhtar, A. M. Zaki
Cairo University, Cairo, Egypt

CHARACTERISTICS OF CORONARY ARTERY DISEASE IN YOUNG PATIENTS WITH DIABETES COMPARED WITH NON-DIABETICS

D. Javidi, B. Gharaei, S. Fateh
Shariati Hospital, Tehran University of Medical Sciences, Tehran, Iran

P405: Poster Session

DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES

MYOCARDIAL FIBROSIS AND LEFT VENTRICULAR DYSFUNCTION ARE ASSOCIATED WITH AN IMBALANCE IN THE MATRIX-DEGRADATING-SYSTEM IN CVB-3 INDUCED CHRONIC MYOCARDITIS

S Rutschow, M Pauschinger
Charite - Campus Benjamin Franklin, Berlin, Germany

RAPID UPTITRATION OF CARVEDILOL IS SAFE IN PATIENTS HOSPITALIZED WITH SYSTOLIC HEART FAILURE

I. Castillo, **M. Martinez-Selles**, T. Datino, N. Barrueco, A. Pascual, M. Dominguez
Hospital Gregorio Maranon, Madrid, Spain

MANAGING LIFE THREATENING VIRAL MYOCARDITIS WITH DILATED CARDIOMYOPATHY BY DROTRECOGIN ALFA AND CIRCULATORY ASSISTED DEVICES

T.P Tsai, S.M Tsao, Y.L Wu, J.M Yu, K.C Chan, K.C Ueng
Chung Shan Medical University Hospital, Taichung, Taiwan

STRUCTURAL MYOCARDIAL CHANGES AND ELEVATION OF BLOOD PRESSURE IN PULMONARY CIRCULATION IN PATIENTS WITH CHRONIC VIRAL HEPATITIS C

E.V. Shlyakhto, **A.Y. Gudkova**, E.N. Semernin, O.V. Voronova, S.N. Proshin, A.N. Krutikov, E.A. Poretskova, A.D. Lioznov, T.V. Antonova, T.V. Belyava
Pavlov State Medical University, St. Petersburg, Russian Federation

P406

Poster Session

PULMONARY CIRCULATION ASPECTS, PULMONARY HYPERTENSION

STUDY OF SILDENAFIL IN IMPROVING SURVIVAL IN PATIENTS WITH PRIMARY PULMONARY HYPERTENSION

B.K.S Sastry, NK Reddy, C Narasimhan, BS Raju, GS Prakash, NV Rayudu, B Anand, CARE Hospital, Hyderabad, AP, India

COAGULATION AND RHEOLOGICAL PROFILE IN PATIENTS WITH CONGENITAL HEART DEFECTS AND PULMONARY HYPERTENSION

M.G. Plyusch, N.N. Samsonova, L.G. Klimovitch, S.V. Gorbachevsky, V.V. Shverdina, **S.B. Zaets**, UMDNJ – New Jersey Medical School, Newark, NJ, USA

HEART RATE TURBULENCE IN PATIENTS WITH SLEEP APNEA SYNDROME

E. Onrat, M. Unlu, A. Karakas, A. Celik, F. Fidan, L. Tetik, M. Melek, D. Kaya, Z. Kara, C. Kilit, Afyon Kocatepe University, Afyon, Turkey

ASYMPTOMATIC DISSECTION OF THE LEFT PULMONARY ARTERY IN A
PATIENT WITH PRIMARY PULMONARY HYPERTENSION

F. Bosa Ojeda, **M. Vargas Torres**, A. Lara Padron, A. Bonilla, M. Cruz,
A. Rodriguez Gonzalez, M. Bethencourt Munoz, S. Samimi, F. Marrero
Rodriguez

Hospital Universitario de Canarias, Spain

MONDAY, JULY 18, 2005

P407

Poster Session

EXERCISE PHYSIOLOGY IN HEART FAILURE

EFFECTS OF EXERCISE TRAINING ON PLASMA ET-1, BNP AND TNF-ALPHA, AUTOMATIC BALANCE AND QUALITY OF LIFE IN ELDERLY HEART FAILURE SECONDARY TO CORONARY ARTERY DISEASE

X.H Zeng, X.J Zeng, Y.Y Li, Y.H Huang,
Chengdu University, Chengdu, China

USING ELECTRICAL VAGAL STIMULATION TO INCREASE LEFT VENTRICULAR SYSTOLIC FUNCTION IN PATIENTS HAVING CAD WITH DECREASED EJECTION FRACTION

E. Pavlioukova, A. Afanasjev Sergei, V. Efimova Elena, S. Karpov Rostislav
Institute of Cardiology, Tomsk, Russia

DOES VENTRICULAR SYNCHRONY CHANGE DURING MAXIMAL AEROBIC EXERCISE IN HEALTHY MALE SUBJECTS?

J Silberbauer, P Mullan, G Carr-White, G Brickley, G W Lloyd
Eastbourne District General Hospital, Eastbourne, East Sussex, UK

GENDER DIFFERENCES IN EXERCISE TESTING PERFORMANCE

Y. Charuzi, J. Mirocha, T.W. Lang, B. Coleman, **S. Goland**
Cedars Sinai Medical Center/UCLA

P408

Poster Session

NEUROHUMORAL, IMMUNOLOGIC AND CYTOKINE ASPECTS OF HEART FAILURE

EARLY STATINS THERAPY IN CORONARY BYPASS SURGERY: IMMUNOMODULATION OF INTERLEUKIN-6 (IL-6) AND C-REACTIVE PROTEIN (CRP)

C. Caorsi, F. Pineda, **C. Munoz**, INTA, University of Chile, Santiago, Chile

ADRENOMEDULLIN ADMINISTRATION IMMEDIATELY AFTER MYOCARDIAL INFARCTION AMELIORATES PROGRESSION OF HEART FAILURE IN RATS

R. Nakamura, J. Kato, K. Kitamura, H. Onitsuka, T. Imamura, Y. Cao, K. Marutsuka,
Y. Asada, K. Kangawa, T. Eto
Miyakonojo Resional Medical Center, Miyakonojo, Miyazaki, Japan

MONDAY, JULY 18, 2005

16:45 – 19:30

Hall A

**PL13: Plenary Session
GENE AND CELL BASED THERAPIES**

MYOGENESIS: PROMISES AND PITTFALLS (Invited Lecture)
R. Laham, BIDMC/Harvard Medical School, Boston, MA, USA

STEM-CELL TRANSPLANTATION IN MYOCARDIAL INFARCTION: A STATUS REPORT (Invited Lecture)
M.S. Lee, **R.R. Makkar**
Cedars-Sinai Medical Center, Los Angeles, California, USA

EFFICACY OF EMERGENT TRANSCATHETER TRANSPLANTATION OF STEM CELLS FOR TREATMENT OF ACUTE MYOCARDIAL INFARCTION (TCT-STAMI) (Invited Lecture)
J. Ge, Y Li, J. Qian, J. Shi, Q. Wang, Y. Niu, B. Fan, X. Liu, A. Sun, Ou
Zhongshan Hospital, Fudan University, Shanghai, China

REGENERATION THERAPY FOR CARDIOVASCULAR DISEASES USING GRANULOCYTE COLONY-STIMULATING FACTOR -FROM BENCH TO BEDSIDE (Invited Lecture)
H Fujiwara, K Suzuki, M Arai, Y Li, G Takemura, S Minatoguchi
T Fujiwara, Graduate School of Medicine Gifu University, Gifu, Japan

THERAPEUTIC ANGIOGENESIS USING HGF (HEPATOCTE GROWTH FACTOR) GENE TO TREAT ISCHEMIC PERIPHERAL AND HEART DISEASE (Invited Lecture)
R. Morishita, N. Tomita, M. Aoki, T. Oghara, Osaka University, Suita, Japan

IN VIVO OPTICAL IMAGING OF VASCULAR GENE EXPRESSION (Invited Lecture)
X. Yang, Johns Hopkins University School of Medicine, Baltimore, MD, USA

VEGF REGULATES REENDOTHELIALIZATION AND NEOINTIMA FORMATION IN A MOUSE MODEL OF ARTERIAL INJURY
R. Hutter, C. Valdiviezo, B. Sauter, J.J. Badimon, V. Fuster, F. Carrick
Mt. Sinai School of Medicine, New York, NY, USA

INFLUENCE OF G-CSF ON THE HEART AND ARTERY WITH RAT ACUTE MYOCARDIAL INFARCTION AND CAROTID ARTERY BALLOON INJURY MODEL
Y. Li, N. Fukuda, S. Yokoyama, T. Takayama, S. Saito, J. Honye, Y. Kusumi, T Matsumoto, M Mitsumata, H Mugishima, Nihon University School of Medicine, Tokyo, Japan

ANGIOMYOGENESIS USING MYOBLASTS WITH VEGF165 AND ANGIOPOIETIN-1
P.K. Law, L. Ye, HKH Haider, S Jiang, R Ge, EKW Sim
CTAL, Richmond Hill, Ontario, Canada

BONE MARROW-DERIVED CELL MOBILIZATION WITH CONCURRENT G-CSF AND GM-CSF ADMINISTRATION IN ACUTE MYOCARDIAL INFARCTION: A PILOT STUDY EVALUATING FEASIBILITY, SAFETY AND EFFICACY
S. Marra, P. Scacciatella, T. Usmiani, M. D'Amico, M. Giorgi, M. Andriani, M. Baccega, C. Tarella, San Giovanni Battista Hospital, Turin, Italy

MONDAY, JULY 18, 2005

16:45 – 19:30

Hall B

**S61: Session
ARRHYTHMIAS AND ELECTROPHYSIOLOGY**

ARE ECHOCARDIOGRAPHIC PARAMETERS ASSOCIATED WITH ATRIAL FIBRILLATION RECURRENCE OR STROKE? RESULTS FROM THE AFFIRM STUDY
B. Olshansky, E.N. Heller, L.B. Mitchell, W. Slater, M. Green, M. Brodsky, M. Chandler, P. Barrell, H.L. Greene
University of Iowa, Iowa City, USA

ASSESSMENT OF CONDUCTION RECURRENCE ACROSS RF LESIONS PRODUCING ELECTRICAL DISCONNECTION AT PULMONARY VEIN OSTIUM
S. Bentivegna, S. Negroni, D. Pecora, P.P. Lupo, A. Carolei, C. Esposito, F. Furlanello, L. De Ambroggi, R. Cappato, Arrhythmia and Electrophysiology Centre, Policlinico San Donato, Milanese, Milan, Italy

DELAYED INCREASE IN PEAK VO₂ FOLLOWING HAEMODYNAMICALLY SUCCESSFUL CARDIAC RESYNCHRONISATION THERAPY
A.Y Patwala, D. Barker, S.G Williams, P. Woods, D.F Goldspink, L.B Tan, D.J Wright, The Cardiothoracic Centre, Liverpool, UK

ONE-YEAR OUTCOME OF CAROVERSION OF RHEUMATIC ATRIAL FIBRILLATION
R. Krittayaphong, C. Chotinaiwatarakul, R.Pankingthongkum, P. Panchavinnin, D. Tresukosol, D. Jakrapanichkul, B. Kitrattana, C. Kangkagate, S. Keawkamthong, Siriraj Hospital, Bangkok, Thailand

THE LACK OF IMPROVEMENT IN LOWER LIMB SKELETAL MUSCLE FUNCTION POST CARDIAC RESYNCHRONISATION THERAPY
A.Y Patwala, D. Barker, S.G Williams, R.E Clements, D.F Goldspink, L.B Tan, D.J Wright, The Cardiothoracic Centre, Liverpool, UK

COULD (HIGH RESOLUTION) SIGNAL AVERAGED ECG EXPLAIN THE CAUSE OF SUDDEN DEATH IN YELLOW OLEANDER POISONING ?
W. Taggu, A. Gurtoo, R. Anilkumar, J. Balachander, T. Manimaran, A. Taggu, R. Singh, K.R. Sethuraman
Registrar Cardiology, NHS Trust Eastbourne DGH, Eastbourne, East Sussex, UK

INCREASED DIAGNOSTIC CONTRIBUTION OF HEART RATE VARIABILITY AT 0.1HZ PACED BREATHING
P. Jurak, J. Halamek, V.K. Somers, J. Nykodym, P. Leinveber, P. Frana, M. Eisenberger, T. Kara
Institute of Scientific Instruments ASCR, Brno, Czech Republic

SUCCESSFUL CATHETER ABLATION OF ATRIAL FIBRILLATION: FEASIBILITY OF NAVX AND DIGITAL IMAGE FUSION WITH CARDIAC MRI MAPPING OF THE LEFT ATRIUM
J.D. Day, B.G. Crandall, J.S. Osborn, J.P. Weiss, J.A. Anderson, T. Foley, S. Allison, J. Nelson, D.L. Lappe
Utah Heart Clinic LDS Hospital, Salt Lake City, UT, USA

MONDAY, JULY 18, 2005

S61 (continued)

Hall B

NOVEL LINEAR ABLATION METHOD FOR RAPID ISOLATION OF PULMONARY VEINS

N.M. Elameri, P. Lambiase, T. Kotsakis, J.S. Gill
Guy's and St Thomas' NHS Trust, London, UK

FARMACOGENETICS OF TREATMENT WITH FLECAINIDE AND PROPAFENONE IN PTS WITH ATRIAL FIBRILLATION

M. Martinez-Selles, T. Datino, H. Bueno
University Hospital Gregorio Maranon, Madrid, Spain

DIASTOLIC ASYNCHRONY FAILS TO PREDICT A FAVORABLE RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY

C.M. Yu, J.E. Sanderson, J.W.H., Fung, H.C.K. Chan, Q. Zhang, Y.S. Chan, H. Lin, G.W.K. Yip, A. Chan, L.C.C. Kum
The Chinese University of Hong Kong, Hong Kong

S62:

Session

HYPERTROPHIC AND DILATED CARDIOMYOPATHIES, EXERCISE PHYSIOLOGY IN HEART FAILURE

GREATER SYMPTOM DURATION PREDICTS RESONSE TO IMMUNOMODULATORY THERAPY IN DILATED CARDIOMYOPATHY

C.M. Stanton, S. Cha, P. Aukrust, R. Wojnicz, F. Mookdadm, L.T. Cooper
Mayo Clinic, Rochester, MN, USA

COMPARATIVE CLINICAL CHARACTERISTICS AND PROGNOSIS OF VIRAL AND NONVIRAL DILATED CARDIOMYOPATHY

N.N. Kipshidze, **K.A. Nadaraia**, M.A. Rogava
National Center of Therapy, Tbilisi, Georgia

FACTORS ASSOCIATED WITH MEDICAL NON-ADHERENCE IN HEART FAILURE PATIENTS

S.V. Pamboukian, I.Nisar, S. Patel, L. Gu, M. McLeod, M.R. Costanzo
University of Alabama at Birmingham, Birmingham, AL, USA

EFFECT OF TRIMETAZIDINE ON QUALITY OF LIFE IN ELDERLY PATIENTS WITH ISCHEMIC DILATED CARDIOMYOPATHY

C. Vitale, M. Fini, M. Volterrani, **G.MC Rosano**
Fonazione San Raffaele IRCCS – Roma, Italy

RENIN ANGIOTENSIN SYSTEM ACTIVATION AND CHRONIC ALCOHOL-INDUCED CARDIOMYOPATHY

C.P Cheng, H.J Cheng, C. Cunningham, Z.K Shihabi, T. Wannenburg
Wake Forest University, Winston-Salem, NC, USA

MMPS AND MYOCARDIAL REMODELING IN HEART FAILURE PROGRESSION

J. Schaper, **V. Polyakova**, S. Hein, J. Risteli, S. Kostin
Max-Planck-Institute for Heart and Lung Research, Bad Nauheim, Germany

MONDAY, JULY 18, 2005

16:45 – 19:30

Hall C

S62 (continued)

NATURAL HISTORY OF LEFT VENTRICULAR HYPERTROPHY IN RENAL PATIENTS FROM PREDIALYSIS STAGE TO KIDNEY TRANSPLANTATION
D. Hernandez, A. Gonzalez, A. De la Rosa, M. Rufino, J. Lacalzada, A. Alvarez, A. Barragan, I. Laynez, V. Lorenzo, A. Torres
Nephrology, Hospital Universitario de Canarias, Tenerife, Spain

CARDIAC FUNCTIONAL RESERVE AVAILABLE FOR EXERCISE IS REDUCED IN PREGNANCY
D. Barker, L. Sharp, D. Schlosshan, G. Mason, L.B. Tan
University of Leeds, Leeds, UK

QT/RR HYSTERESIS AS A FUNCTION OF RR EXCITATION – IMPLICATIONS FOR RISK
J. Halamek, P. Jurak, V.K. Somers, J. Nykodym, P. Leinveber, P. Frana, M. Eisenberger, T. Kara
Institute of Scientific Instruments ASCR, Brno, Czech Republic

ESSENTIAL AMINO ACIDS: AN ADDED VALUE THERAPY FOR EXERCISE CAPACITY IN HEART FAILURE?
R. Aquilani, P. Iadarola, A. Testa, S. Viglio, **E. Pasini**
"S Maugeri" Foundation. Medical Centre of Gussago, Gussago (BS) Italy

TUESDAY, JULY 19, 2005

08:30 – 11:15

Hall A

**PL14: Plenary Session
SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION,
MECHANICAL SUPPORT**

CANDIDATE SELECTION FOR LEFT VENTRICULAR ASSIST DEVICE THERAPY
(Invited Lecture)

G. Bhat, University of Louisville, Jewish Hospital, Louisville, KY, USA

CARDIAC ALLOGRAFT VASCULOPATHY--IS THERE FINALLY SOME LIGHT
AT THE END OF THE TUNNEL? (Invited Lecture)

M. Johnson, University of Wisconsin School of Medicine, Madison, WI, USA

SURGICAL TREATMENT OF HEART FAILURE – FROM VALVE REPAIR TO
REPAIR OF THE VENTRICLE (Invited Lecture)

N. Radovanovic, L.J. Petrovic, B. Mihajlovic, S. Nicin, Z. Jonjev, M. Zorc
University Clinic of Cardiovascular Surgery, Sremska Kamenica, Yugoslavia

EXTENDED HEART ALLOGRAFT SURVIVAL BY MANIPULATION OF
VASCULAR ENDOTHELIUM TO EXPRESS FAS-LIGAND (Invited Lecture)

N. Askenasy, E. Yolcu, H. Shirwan
Schneider Children's Medical Center of Israel, Petach Tikva, Israel

HEMODYNAMIC UNLOADING OF THE FAILING LEFT VENTRICLE WITH THE
ORQIS MEDICAL CANCION CARDIC RECOVERY SYSTEM
(Invited Lecture)

H.N. Sabbah, M.A. Konstam
Henry Ford Health System, Henry Ford Hospital, Boston, MA, USA

EFFECTIVE MEANS OF IMPROVING FUNCTION OF INFARCTED MYOCARDIUM
VIA A LESS INVASIVE ROUTE: SKELETAL MYOBLAST TRANSPLANTATION
THROUGH A CATHETER-BASED CORONARY SINUS APPROACH

C. Brasselet, M. Morichetti, E. Messas, P. Bruneval, J.T. Vilquin, A. Lafont,
A.A. Hagege, P.Menasche, M. Desnos
Hopital Robert Debre, CHU, Reims, France

IMPROVEMENT IN PERFUSION AND DILATATION OF OLD MYOCARDIAL
INFARCTION AFTER INTRACORONARY AUTOLOGOUS BONE MARROW STEM
CELL TRANSPLANTATION

A. Manginas, E. Leontiadis, E. Gousetis, I. Peristeri, M. Theodosaki,
S. Graphakos, G. Karatasakis, M. Koutelou, A. Theodorakos, D. Cokkinos
Onasis Cardiac Surgery Center, Athens, Greece

A NEW RIGHT VENTRICULAR ASSIST DEVICE (RVAD) FOR RV SUPPORT

S. Christiansen, R. Autschbach, University of Aachen, Germany

SURGICAL VENTRICULAR RESTORATION FOR ISCHEMIC CARDIOMYOPATHY
IN OLD PATIENTS

M. Di Donato, S. Castelvechio, M. Rannucci, P. Dabic, A. Frigiola, C. De Vincentis,
L. Menicanti, San Donato Hospital, Milano, Italy

EXTRACORPOREAL LIFE SUPPORT PROVIDES BETTER SURVIVAL IN
PATIENTS RECEIVING PROLONGED CARDIOPULMONARY RESUSCITATION

Y.S. Chen, S.C. Chao, S.C. Huang, N.H. Chi, I.H. Wu, H.S. Yu, J. Hsu, S.S.
Wang, F.Y. Lin, National Taiwan University Hospital Taipei, Taiwan

TUESDAY, JULY 19, 2005

PL14 (continued)

Hall A

HEART TRANSPLANTATION IN PATIENTS WITH SEVERE PULMONARY HYPERTENSION

H. Al-Hiti, J. Kettner, I. Malek, Institute of Clinical Medicine, Prague, Czech Republic

08:30 – 11:15

Hall B

PL15

Plenary Session

MODIFICATION OF RISK FACTORS AND CAD, DYSLIPOPROTEINEMIA, HYPERTENSION, DIABETES MELLITUS

THE PATIENT WITH HEART DISEASE TODAY AND TOMORROW: THE NEED FOR A DIFFERENT APPROACH IN MEDICAL CARE (Invited Lecture)

B. Rabinowitz, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

INFLAMMATION, CRP AND STATINS (Invited Lecture)

I. Jialal, UC Davis Medical Center, Sacramento, CA, USA

RETHINKING THE PRIMARY PREVENTION OF HYPERTENSION

(Invited Lecture)

H.D Sesso, Brigham and Women's Hospital, Boston, MA, USA

CLINICAL APPLICATIONS OF CHRONOCARDIOLOGY IN HYPERTENSION AND HEART FAILURE (Invited Lecture)

A. Kumar, Govt Medical College, Amritsar, India

METABOLIC SYNDROME, DIABETES AND HEART DISEASE (Invited Lecture)

C. Pitsavos, University of Athens, Greece

DIABETIC CARDIOMYOPATHY: ANOTHER FEATURE OF THE METABOLIC SYNDROME? (Invited Lecture)

M. Diamant, VU University Medical Center, Amsterdam, The Netherlands

PHYSIOLOGICAL ROLES OF A MULTI-LIGAND RECEPTOR CD36 IN ATHEROGENESIS --- INSIGHTS FROM HUMAN CD36 DEFICIENCY (Invited Lecture)

S. Yamashita, D. Masuda, T. Kuwasako, M. Janabi, N. Sakai, I. Shimomura, K. Hirano Osaka University Graduate School of Medicine, Osaka, Japan

CARDIOVASCULAR RISK PROFILE EARLIER IN LIFE AND HEALTH CARE COSTS IN OLDER AGE (Invited Lecture)

M. Daviglus, Northwestern University, Chicago, IL, USA

THE CARDIOVASCULAR RESEARCH OF HERB AND NATURAL PRODUCTS (Invited Lecture)

P. Chan, C-Yin Kwan, Taipei Medical University, Taipei, Taiwan

PECULIARITIES OF LOW RISK POPULATIONS; IMPLICATION OF FINDINGS OF THE SEVEN COUNTRIES STUDY (Invited Lecture)

D. Panagiotakos, Harokopio University of Athens, Greece

TUESDAY, JULY 19, 2005

08:30 – 11:15

Hall C

S63: Session
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME, RENAL ASPECTS

FEMALE SEX IS A STRONG PREDICTOR OF SURVIVAL IN PATIENTS WITH LEFT VENTRICULAR EJECTION FRACTION <0.2 BUT ONLY IN ABSENCE OF CORONARY ARTERY DISEASE

E. Martinez, **M. Martinez-Selles**, M. Dominguez, M.A Garcia Fernandez, E. Garcia, Hospital Gregorio Maranon, Madrid, Spain

RACE, OBESITY, AND RISK OF CONGESTIVE HEART FAILURE (CHF)

L.L Yan, M.L Daviglius, K. Liu, R. Wang, D.B Garside, P. Greenland Northwestern University, Chicago, IL, USA, Peking University, Beijing, China

ACARBOSE REDUCES THE RISK FOR MYOCARDIAL INFARCTION IN PATIENTS WITH TYPE 2 DIABETES : META-ANALYSIS OF SEVEN LONG-TERM STUDIES

D. Petzinna, A. Brueckner, T. Petrowitsch, D. Neuser, M. Hanefeld Bayer HealthCare, Wuppertal, Germany

NEW CARDIOPROTECTIVE AGENT K201 IS NATRIURETIC AND GFR ENHANCING

O. Lisy, J.C Burnett Mayo Clinic and Mayo Clinic College of Medicine, Rochester, MN, USA

A WEARABLE CONTINUOUS ULTRAFILTRATION BELT FOR AMBULATORY TREATMENT OF CHF

V. Gura, C. Ezon, M. Beizai Cedars Sinai Medical Center. UCLA, The Geffen School of Medicine, National Quality Care, Inc, CA, USA

NESIRITIDE SUPPORTED VOLUME LOADING IN THE PREVENTION OF CONTRAST-INDUCED NEPHROPATHY

R.M Mills, R.E Hobbs, C.T Bajzer, D.J Moliterno Henry Ford Hospital, Detroit, MI, USA

A SIMPLE RISK SCORE FOR PREDICTION OF CONTRAST-INDUCED NEPHROPATHY AFTER PERCUTANEOUS CORONARY INTERVENTIONS

G. Dangas, E. Nikolsky, E. Aymong, M. Fahy, Y. Na, S. Pocock, M. Negoita, G. Stone, M. Leon, R. Mehran, Cardiovascular Research Foundation and Columbia University Medical Center, New York, NY, USA

REDUCTION OF SERUM NT-PROBNP PREDICTS A FAVORABLE PROGNOSIS AFTER CARDIAC RESYNCHRONIZATION THERAPY

CM Yu, JWH Fung, Q. Zhang, HCK Chan, I. Chan, YS Chan, SL Kong, JE Sanderson, CWK Lam The Chinese University of Hong Kong, Hong Kong

TUESDAY, JULY 19, 2005

S63 (continued)

Hall C

INDEPENDENT PREDICTORS OF RIGHT VENTRICLE DYSFUNCTION IN PATIENTS WITH SEVERE LEFT VENTRICULAR SYSTOLIC DYSFUNCTION
M. Dominguez, **M. Martinez-Selles**, E. Martinez, M.A Garcia Fernandez, E. Garcia, Cardiology Department, Hospital Gregorio Maranon, Madrid, Spain

PROGNOSTIC VALUE OF HAEMOGLOBIN LEVELS AT DISCHARGE IN OLDER PATIENTS ADMITTED WITH HEART FAILURE
N. Wisniacki, P. Aimson, C. Manning, **S. Raza**, M. Lye, J. Pyatt
Liverpool University, Liverpool, UK

11:15 – 14:00

Hall A

PL16: Plenary Session
NEW HORIZONS IN THE MANAGEMENT OF HEART FAILURE

BIOMARKERS IN CARDIOMYOPATHY (Invited Lecture)
W.L Miller, Mayo Clinic, Rochester, MN, USA

INTERSTITIAL UNRAVELING OF THE MATRIX IN HEART FAILURE:
CLINICAL IMPLICATIONS (Invited Lecture)
F.G. Spinale, Medical University of South Carolina, Charleston, SC, USA

THE PURSUIT OF OPTIMUM OUTCOMES IN HEART FAILURE:
POLYPHARMACY AND DEVICES FOR ALL OR SELECTIVE USE (Invited
Lecture)
U. Thadani, OUHSC, and VAMC, Oklahoma City, Oklahoma, USA

NESIRITIDE : SYSTEMIC AND CORONARY HEMODYNAMIC EFFECTS
(Invited Lecture)
K. Chatterjee, University of California San Francisco, San Francisco, California
USA

NOVEL DRUG THERAPIES FOR HEART FAILURE (Invited Lecture)
R.E Hobbs, Cleveland Clinic, Department of Cardiology, Cleveland, OH, USA

NEW DEVICE THERAPIES AND MONITORING DEVICES FOR ADVANCED
HEART FAILURE (Invited Lecture)
R.C Bourge, University of Alabama at Birmingham, Birmingham, AL, USA

BETA BLOCKERS IN CORONARY DISEASE AS CARDIOPROTECTION
(Invited Lecture)
B. F Uretsky, University of Texas Medical Branch, Galveston, Texas, USA

TUESDAY, JULY 19, 2005

PL16 (continued)

Hall A

BNP: EFFECTS BEYOND THE KIDNEYS (Invited Lecture)

H.P. Brunner-La Rocca, Cardiology, University Hospital, Basel, Switzerland

RELEVANCE OF BETA-BLOCKER THERAPIE IN INFLAMMATORY HEART DISEASE (Invited Lecture)

M. Pauschinger, S. Rutschow, H-P Schultheiss
Charite - Campus Benjamin Franklin, Berlin, Germany

THE ROLE OF RENIN-ANGIOTENSIN ANTAGONISTS IN THE PREVENTION OF ATRIAL FIBRILLATION IN THE PATIENTS WITH HEART FAILURE AND HYPERTENSION (Invited Speaker)

A. Ducharme, Montreal Heart Institute, University of Montreal, Montreal (Quebec), Canada

B-TYPE NATRIURETIC PEPTIDE AND TISSUE DOPPLER IMAGING IN THE DIAGNOSIS AND PROGNOSIS OF CONGESTIVE HEART FAILURE (Invited Speaker)

H. Dokainish, Baylor College of Medicine, Houston, TX, USA

11:15 – 14:00

Hall B

S64:

Session

VALVULAR HEART DISEASE / HEART VALVE SURGERY / SURGICAL REVASCULARIZATION

INR SELF-MANAGEMENT WITH LOW-DOSE THERAPETIC RANGE AFTER MECHANICAL HEART VALVE REPLACEMENT

H. Koertke, D. Seifert, O. Wagner, N. Atmacha, A. Krian, J. Ennker, W.P. Kloevekorn, R. Mossdorf, W. Saggau, R. Koerfer
Heart Center North Rhine-Westphalia Bad Oeynhausen, Germany, Clinic of the Ruhr University Bochum, Germany

THE “SHELHIGH” STENTLESS BIOPROSTHESIS IN ACTIVE INFECTIVE ENDOCARDITIS: EARLY AND MID-TERM RESULTS

M. Musci, O. Birkelbach, R. Petzina, M. Pasic, C.H. Detschades, S. Kosky, H. Siniawski, C.Yankah, R. Hetzer
Deutsches Herzzentrum Berlin, Dept. of Cardiothoracic and Vascular Surgery, Berlin, Germany

MULTI-TRACK SYSTEM VS. INOUE BALLOON TECHNIQUE IN PERCUTANEOUS DILATATION OF MITRAL STENOSIS

A.A Elagha, M.M Abdelghany, S.G. Ibrahim, M.M Mokhtar
Egypt

LOW THROMBOGENICITY MECHANICAL AORTIC PROSTHESIS WITH LOW INTENSITY ANTICOAGULATION - A SAFE OPTION FOR THE ELDERLY

E.G Butchart, N. Payne, G.G Grunkemeier
University Hospital of Wales, UK

OUTCOME OF MITRAL BALLOON VALVOTOMY IN ASYMPTOMATIC OR MINIMALLY SYMPTOMATIC PATIENTS WITH SEVERE MITRAL STENOSIS

M.E. Fawzy, M. Shoukri, H. Hegazy, A. Al. Sanei, A. Badr, A. Hamadanchi, J. Al. Buraiki

King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia

STATINS AS MEDICAL THERAPY FOR CALCIFIC AORTIC STENOSIS (AS)

A. Kumar, H. Kaur, P. Devi, V. Mohan

Govt Medical College /G.N.D Hospital, Amritsar, India

VALVE REPAIR IN AORTIC REGURGITATION WITHOUT ROOT DILATATION

H.F Lausberg, D. Aicher, F. Langer, H.J. Schaeffers

University Hospitals of the Saarland, Homburg/Saar, Germany

PERCUTANEOUS MITRAL VALVULOPLASTY VERSUS SURGERY IN SEVERE MITRAL STENOSIS WITH SEVERE TRICUSPID REGURGITATION

D.H Kang, K.M Park, H. Song, M.K Hong, J.K Song, S.W Park, S.J Park

Asan Medical Center, Seoul, Korea

IMMEDIATE RESULTS AND LONG-TERM PROGNOSIS OF PERCUTANEOUS CORONARY INTERVENTION IN HIV-INFECTED PATIENTS

F. Boccara, G. Odi, E. Di Angelantonio, A. Cohen, G. Barbarini, **G. Barbaro**

University "La Sapienza", Rome, Italy

EVALUATION OF ROBOTICALLY ASSISTED CORONARY SURGERY BY INTRAOPERATIVE ANGIOGRAPHY

G.J Friedrich, N. Bonaros, T. Schachner, A. Oehlinger, G. Laufer,

G.M. Feuchtner, P. Jonetzko, O. Pachinger, J. Bonatti

University Hospital, Innsbruck, Austria

THE PRECONDITIONING MECHANISM ON ARRHYTHMIAS IN CABG PATIENTS INVOLVES IN AUTONOMIC REGULATION

Z.K Wu, S. Vikman, J. Laurikka, E. Pehkonen, T. Iivainen, H.V. Huikuri, M.R Tarkka

Sun Yat-sen University, GuangZhou, China

TUESDAY, JULY 19, 2005

11:15 – 14:00

Hall C

S65: Session
GENE AND CELL BASED THERAPIES, BASIC RESEARCH

LEUKOTRIENE PATHWAY GENE POLYMORPHISM AND THE RISK OF CORONARY HEART DISEASE (CHD)

S.P Mall, J.W Holloway, A.P Sampson, S. Ye
University of Southampton, School of Medicine, Southampton, UK

A NOVEL MUTATION IN THE TOLL/IL-1R (TIR) DOMAIN-CONTAINING ADAPTER INDUCING IFN-BETA (TRIF) GENE IN A PATIENT WITH VIRUS-INDUCED DILATED CARDIOMYOPATHY

N.E. Bowles, M. Pauschinger, L. Banks, J. Bersola, C.H. Huang, J.S. Baker, H.S. Hardarson, K. Fitzgerald, J.G. Vallejo
Baylor College of Medicine, Houston, TX, USA

ELECTROPHYSIOLOGICAL CHARACTERISTICS OF VENTRICULAR MYOCYTES OF XIN-ALPHA-DEFICIENT MOUSE HEARTS

C.I Lin, C.P. Cheng, Y.X. Loh, E.A. Gustafson-Wagner, Y.J. Lai, Y.C. Chen, J.J.C. Lin
National Defense Medical Center, Taipei, Taiwan

MATERNAL TRANSMISSION OF CORONARY HEART DISEASE RISK IS STRONGER THAN PATERNAL TRANSMISSION: A NATION-WIDE STUDY OF 427000 EVENTS

X. Li, J. Sundquist, S.E. Johansson, K. Sundquist
Karolinska Institute, Stockholm, Sweden

CELLULAR CARDIOMYOPLASTY USING ANGIOGENIC GENE EXPRESSING SKELETAL MYOBLASTS FOR CARDIAC REPAIR

Lei Ye, K. H.H. Haider, S.J. Jiang, R.S. Tan, R.W. Ge, P.K. Law, S. Aziz, E.K.W. Sim, National University Medical Institutes, National University of Singapore, Singapore

BETA-CATENIN/TCF SIGNALING CONTROL VASCULAR PROVISIONAL MATRIX FORMATION THROUGH TARGETING PROTEOGLYCAN, VERSICAN, GENE PROMOTER IN VASCULAR SMOOTH MUSCLE CELLS

M. Rahmani, L. Ang, J.T. Read, B.W. Wong, J.M. Carthy, P.S. Rennie, B.M. McManus, University of British Columbia, Vancouver, BC, Canada

PEGYLATED-LIPOSOMAL FORMULATION OF CHIMERIC LNA/DNA ANTISENSE OLIGONUCLEOTIDES AGAINST DNA METASE AND VINOURELBINE INDUCE APOPTOSIS IN CHEMORESISTANT ANGIOSARCOMA CHARACTERISED BY 5'CPG ISLAND METHYLATION OF TSGS CDKN2/MTS1(P16INK4A), P14ARF, CDKN2B/MTS2(P15INK4B), IRF1,NF AND P53

J. Giannios, P. Lambrinos
Dept. of Surgical and Clinical Oncology/Hematology, GSHA, Athens, Greece

COMBINATION OF G-CSF AND GM-CSF STIMULATES MONOCYTE-DERIVED PRO-ANGIOGENIC CELLS IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

S. Marra, P. Scacciatella, S. Bruno, C. Tarella, G. Camussi
S. G. Battista Hospital, Turin, Italy

TUESDAY, JULY 19, 2005

S65 (continued)

Hall C

GENE TRANSFER OF HUMAN GTP CYCLOHYDROLASE I REVERSE BH4 DEFICIENCY AND ENDOTHELIAL DYSFUNCTION IN LOW RENIN HYPERTENSION

J.S. Zheng, G.D. Fink, **A.F. Chen**
Michigan State University, East Lansing, MI, USA

CORRELATION BETWEEN GENE EXPRESSION AND MORPHOLOGICAL CHANGES AFTER PTCA IN APOE KNOCKOUT MOUSE ATHEROSCLEROTIC AORTA

L. Petrov, E. Aavik, S. Lehti, P. Hayry, J. Vamvacopoulos
University of Helsinki, Helsinki, Finland

MECHANISMS OF SPATIAL CLOT GROWTH ON OXIDIZED LDL-TREATED VASCULAR CELLS AS A MODEL OF ATHEROTHROMBOSIS

N.M Ananyeva, M.V Ovanesov, F.I Ataulakhanov, E.L Saenko
University of Maryland School of Medicine, Rockville, MD, USA

08:30 – 12:30

Poster Hall

P501: Poster Session
GENE TRANSFER AND THERAPY

COMBINED THERAPY WITH HUMAN UMBILICAL CORD BLOOD STEM CELLS AND ANGIOGENIC GROWTH FACTOR GENES ENHANCES ANGIOGENESIS AND IMPROVES CARDIAC PERFORMANCE IN THE MOUSE MODEL OF ACUTE MYOCARDIAL INFARCTION

K.G Shyu, B.W Wang, P Kuan
Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

A LENGTH POLYMORPHISM IN THE HEME OXYGENASE-1 GENE PROMOTER MODIFIES THE RISK OF CAROTID ATHEROSCLEROSIS RELATED TO ARSENIC EXPOSURE

M.M Wu, H.Y Chiou, T.C Lee, W.C Ma, I.H. Wang, W.L Huang, C.J Chen
Institute of Public Health, Taipei Medical University, Taipei, Taiwan

LYSOZYME REDUCES SERUM AGE AND AMELIORATES ATHEROSCLEROSIS IN APOE (-/-) MICE

H. Liu, J. Uribarri, J. Tunstead, M. Lu, L. Zhu, H. Vlassara
Mount Sinai School of Medicine, New York, NY, USA

PEGYLATED-LIPOSOMAL FORMULATION OF CHIMERIC LNA/DNA ANTISENSE OLIGONUCLEOTIDES AGAINST DNA METASE AND VINORELBINE INDUCES APOPTOSIS IN CHEMORESISTANT ANGIOSARCOMA CHARACTERISED BY 5'CPG ISLAND METHYLATION OF TSGS CDKN2/MTS1 (P16INK4A),P14ARF,CDKN2B/MTS2 (P15INK4B),IRF1,NF AND P53

J. Giannios, E.M. Michailakis, P. Lambrinos, N. Alexandropoulos, N. Pilatis
Dept. of Surgical and Clinical Oncology/Hematology, GSHA Athens, Greece

TUESDAY, JULY 19, 2005

**P502: Poster Session
GENETIC STUDIES**

VARIATION IN THE CRYAB GENE IN PATIENTS WITH HYPERTROPHIC
CARDIOMYOPATHY

B. Stoevring, P.S. Andersen, O. Havndrup, H Bundgaard, M Christiansen
Department of Clinical Biochemistry, Statens Serum Institut, Copenhagen,
Denmark

ASSOCIATION OF GENETIC POLYMORPHISMS IN THE FIBRINOGEN AND
PLATELET GLYCOPROTEIN GENES WITH UNSTABLE ANGINA IN CHINESE
PATIENTS

Y.B. Ni, D.Y. Hu, H. Yu, C.L. Li, W.L. Liu, H.Y. Wang, L. Li
Beijing Tongren Hospital, Beijing, China

PHARMACOGENETICS STUDY OF ATORVASTATIN IN CHINESE
CONONARY HEART DISEASE PATIENTS

J.Y Li, D.Y Hu, Q.G Tong, X.B Shi, M.Y Wu, C.L Li, L. Li
Tongren Hospital, Capital University of Medical University, Beijing,

08:30 – 12:30

Poster Hall

**P503: Poster Session
LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC
CARDIOMYOPATHY**

PREVALENCE OF FABRY DISEASE IN FEMALE PATIENTS WITH LATE-
ONSET HYPERTROPHIC CARDIOMYOPATHY

C. Chimenti, M. Pieroni, A. Maseri, M.A. Russo, A. Frustaci
Catholic University, Rome, Italy

REMODELING OF VOLUME-SENSITIVE K CHANNELS IN DIFFERENT
REGIONS OF MOUSE LEFT VENTRICLE DURING MYOCARDIAL
HYPERTROPHY

G-L Wang, L. Liu, L. Ye, **D. Duan**
School of Medicine University of Nevada, Reno, NV, USA

THE EXPRESSION OF MATRIX METALLOPROTEINASE-1 AND TISSUE
INHIBITOR OF MATRIX METALLOPROTEINASES-1 GENES IN THE AREAS
OF INTRAVENTRICULAR SEPTUM MYOCARDIAL HYPERTROPHY IN
PATIENTS WITH IDIOPATHIC OBSTRUCTIVE HYPERTROPHIC
CARDIOMYOPATHY

L.A. Bokeria, E.V. Shlyakhto, A.Y. Gudkova, **S.E. Sozin**, K.V. Borisov, E.N.
Semernin, A.A. Totolyan, A.B. Chukhlov
Pavlov State Medical University, St. Petersburg, Russian Federation, Russia

RELATIONSHIP OF ECHOCARDIOGRAPHIC GEOMETRY OF LEFT
VENTRICULAR HYPERTROPHY TO ELECTROCARDIOGRAPHIC LEFT
VENTRICULAR HYPERTROPHY

L.L. Diaz, H.B. Calleja, G.B. Rogelio
Heart Institute - St. Luke's Medical Center, Quezon City, Philippines

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CLASSICAL TYPE OF FABRY DISEASE WITH DILATED PHASE OF HYPERTROPHIC CARDIOMYOPATHY WITHOUT RENAL FAILURE IN AGED MAN

H. Yoshida, T. Ishido, A. Tsubokawa, M. Shimojo
Fukui Red Cross Hospital, Fukui, Japan

LEFT VENTRICULAR LONGITUDINAL SYSTOLIC FUNCTION, ENDOTHELIAL DYSFUNCTION AND CYTOKINES' LEVELS IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS

E. Pavlioukova, E. Souslova Tatiana., S. Likhomanov Konstantin, V. Konovalova Anna, S. Karpov Rostislav, Institute of Cardiology, Tomsk, Russia

LEFT VENTRICULAR HYPERTROPHY AS APREDICTOR OF CEREBROVASCULAR ACCIDENT IN HYPERTENSIVES

C. K Das, S Behera, G Roy, K Thakur, K.C. Bag, P.K. Singh, B.K. Toppo, S Puri, H.K. Singh, A.B. Kerketta
Railway Hospital, Bmy, Durg, CG, India

CLINICAL PRESENTATION AND OUTCOME OF PATIENTS WITH APICAL HYPERTROPHIC CARDIOMYOPATHY IN TAIWAN

C.H Lee, L.M Tsai, P.Y Liu, L.J Lin, J.H Chen
National Cheng Kung University Medical Center, Taiwan, ROC

**P504: Poster Session
DRUG THERAPY IN HEART FAILURE**

FOSINOPRIL IN COMPARISON WITH LOSARTAN FOR SEVERE ISCHEMIC HEART FAILURE WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE: EFFECTS ON MORTALITY AND QUALITY OF LIFE

X.H Zeng, X.J Zeng, Y.Y Li, Y. H Zeng, Z.H Liu
Chengdu Second People's Hospital, Chengdu, China

VERY LOW DOSE DIGOXIN IN COMBINATION WITH BERBERINE FOR AGED>65 WITH ISCHEMIC HEART FAILURE

X.H Zeng, X.J Zeng, Y.Y Li, T. Yuan
Chengdu Second People's Hospital, Chengdu University, China

BISOPROLOL IMPROVES LONG-TERM PROGNOSIS, LEFT VENTRICULAR FUNCTION AND NEUROHUMORAL STATUS IN ASYMPTOMATIC HEART FAILURE PATIENTS

A.E. Berezin, State Medical University, Hospital Therapy, Zaporozhye, Ukraine

IX MONTH INJECTION SHENGMEI THERAPY FOR MILD TO MODERATE CARDIORENAL SYNDROME SECONDARY TO CHRONIC HEART FAILURE

X.H. Zeng, **W.Z Wu**, X.J Zeng, Y.Y Li
Chengdu University Second People's Hospital, China

UROCORTIN 2 HAS BENEFICIAL HEMODYNAMIC, ENDOCRINE AND RENAL EFFECTS IN EXPERIMENTAL HEART FAILURE

M.T. Rademaker, C.J. Charles, V.A. Cameron, A.M. Richards
Christchurch School of Medicine, Christchurch, New Zealand

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P505: Poster Session
NATRIURETIC PEPTIDES, ENDOTHELIN: ROLE IN HEART FAILURE

EXERCISE-INDUCED RELEASE OF BRAIN NATRIURETIC PEPTIDE LINKS WITH LONG QT AND CARDIAC FUNCTIONAL CAPACITY

D. Karciauskaite, **R.J. Grybauskiene**, Z. Bertasiene, J. Bluzhas, G. Urbonaviciene,
P. Grybauskas, J. Janenaite, J.M. Cimbolaityte, A. Mongirdiene
Kaunas University of Medicine Institute of Cardiology, Kaunas, Lithuania

B-TYPE NATRIURETIC PEPTIDE AND TEMPORARY RIGHT VENTRICULAR PACING IN CHRONIC BIVENTRICULAR PACING

R. Hazukova, J. Vojacek, M. Pleskot, M. Tauchman, L. Beran, M. Sivak, J. Kvasnicka,
A. Havlicek
1st Department of Internal Medicine, University Hospital, Hradec Kralove, Czech Republic

EFFECT OF NATRIURETIC PEPTIDES IN PATIENTS WITH LEFT VENTRICULAR DIASTOLIC DYSFUNCTION AND UNKNOWN CAUSE OF DYSPEA

S.H. Kim, J.H. Zo, M.A. Kim, J.S. Lee
Boramae Hospital, Seoul National University College of Medicine, Seoul, Korea

INFLUENCE OF THE BODY MASS INDEX ON THE CLINICAL DISPLAYS OF ISCHEMIC HEART DISEASE

N. Kipshidze, **L.B Khosroshvili**, T.A. Davarashvili, K.N. Liluashvili
National Centre of Therapy, Tbilisi, Georgia

P506: Poster Session
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME II

OUTCOMES OF PATIENTS WITH TACHYCARDIA-INDUCED CARDIOMYOPATHY WHO HAVE TACHYCARDIA RECURRENCE

B. Olshansky, P. Nerheim, L. Piracha, S. Birger-Botkin
University of Iowa, Iowa City, IA, USA

PATIENTS KNOWLEDGE PREDICTS PROGNOSIS IN PATIENTS RECEIVING CARE IN HEART FAILURE CLINIC

M. Lainscak, I. Keber, General Hospital Murska Sobota, Slovenia

DIFFERENCES IN MANAGEMENT OF HEART FAILURE PATIENTS, TREATED BY CARDIOLOGISTS AND GENERAL INTERNAL MEDICINE SPECIALISTS

M. Lainscak, I. Keber, General Hospital Murska Sobota, Slovenia

DOES THE SEVERITY OF CHRONIC HEART FAILURE INFLUENCE HEART RATE VARIABILITY?

M.D Zdravkovic, D.D Trifunovic-Zamaklar, N.M Milic, R.S Pokrajac, M.S Zaja, D.D Zdravkovic, J.M Andrejic, Medical Center Bezanijska Kosa, Belgrade School of Medicine, Serbia & Montenegro

PREDICTORS OF LONG TERM MORTALITY AFTER HOSPITALIZATION FOR HEART FAILURE

M. Lainscak, Irena Keber, General Hospital Murska Sobota, Slovenia

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AN EPIDEMIOLOGICAL AND CLINICAL STUDY OF HEART FAILURE WITH PRESERVED SYSTOLIC FUNCTION (HF-PSF) IN A DEVELOPING COUNTRY
E.D. Chula, **M.C. Moreira**, W.T. Caiaffa

School of Medicine, Federal University of Minas Gerais, Brazil

MANAGEMENT IN HEART FAILURE CLINIC IMPROVES SURVIVAL IN HEART FAILURE PATIENTS

M. Lainscak, I. Keber, General Hospital Murska Sobota, Slovenia

PROGNOSTIC VALUE OF ADMISSION GLUCOSE OF HOSPITALIZED NON-DIABETIC PATIENTS WITH HEART FAILURE

S. Stawicki, M. Roik, M.H. Starczewska, A. Solarska-Polchlopek, D. Kosior, O. Warszawik, R. Rodzoch, G. Opolski

Medical University of Warsaw, Poland

08:30 – 12:30

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**P507: Poster Session
SUDDEN DEATH**

DEPRESSION IN PATIENTS WITH MYOCARDIAL INFARCTION AND NONLINEAR ANALYSIS OF HEART RATE VARIABILITY

B.M. Milovanovic, M. Krotin, V. Bisenic, D. Vukovic, A. Milovanovic
Medical Center "Bezanijska Kosa" Belgrade, Serbia & Montenegro

GENETIC VARIATION OF SARCOLIPIN IN LONG QT SYNDROME, ATRIAL FIBRILLATION AND SUDDEN CARDIAC DEATH

M.T. Nyberg, B. Stoevring, M. Christiansen
Statens Serum Institut (SSI), Copenhagen, Denmark

CARDIAC CONDUCTION ARTERIES IN INFANTS: EARLY ATHEROSCLEROTIC LESIONS OR FIBROMUSCOLAR HYPERPLASIA/DYSPLASIA?

G. Ottaviani, A.M. Lavezzi, L. Maturri
Institute of Pathology, University of Milan, Italy

THE DIABETIC VAGAL DENERVATION DIAGNOSED WITH 30:15 RATIO TEST IS ASSOCIATED WITH ONSET OF ISCHAEMIA AND DISORDER OF RHYTHM

B. M Milovanovic, M. Krotin, D. Vukovic, V. Bisenic, A. Milovanovic
Medical Center "Bezanijska Kosa" Belgrade, Serbia & Montenegro

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

DOES PRE EXISTING PULMONARY DISEASE INCREASE THE RISK OF USING AMIODARONE FOR ATRIAL FIBRILLATION? RESULTS FROM THE AFFIRM STUDY

B. Olshansky, M. Sami, A. Rubin, J. Kostis, S. Shorofsky, A. Slee, H.L. Greene
University of Iowa, Iowa City, IA, USA

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NATURAL HISTORY OF SINOATRIAL WENCKEBACH BLOCK

A. Dabrowski, L. Kubik, E. Kramarz
Military Institute of Medicine, Warsaw, Poland

ELECTROPHYSIOLOGICAL STUDY IN ACUTE YELLOW OLEANDER
POISONING

W. Taggu, A. Gurtoo, K.R Sethuraman, J. Balachander, T. Manimaran, A.
Taggu,
R. Singh, R. Anilkumar
Eastbourne DGH, Eastbourne, East Sussex, UK

DISAPPOINTING RATE OF ANTICOAGULATION IN OLDER PATIENTS FOR
STROKE PREVENTION IN ATRIAL FIBRILLATION

V.N. Singh, R. Sharma, M. Richardson
Suncoast Cardiovascular Research, St. Petersburg, FL, USA

RISK FACTORS OF HEART FAILURE IN PATIENTS WITH NON-VALVULAR
ATRIAL FIBRILLATION

T. Liu, L.J Li, G.P Li
Second Hospital of Tianjin Medical University, Tianjin, China

INTRAVENOUS MAGNESIUM FOR PREVENTING POST-CORONARY
ARTERY

BYPASS GRAFTING ATRIAL FIBRILLATION: A META-ANALYSIS
M.G.Y. Ong, G.G. Domingo, C.N. Chungunco, F.E. Punzalan
Philippine General Hospital, Manila, Philippines

THE INCIDENCE OF ATRIAL FIBRILLATION AND THE SUCCESS RATE OF
MEDICAL TREATMENT IN AN EMERGENCY DEPARTMENT

S.H. Braat, S. Bekkers, A. Ruyters, C.H. De Zwaan
Academic Hospital of Maastricht, Maastricht, The Netherlands

ADDITION OF QUANTUM THERAPY IN PATIENTS WITH ATRIAL
FIBRILLATION FOR VASCULAR PROPHYLAXIS

I.G. Alizade, IN.T Aliyeva-Karayeva
Hospital of Ministry of Internal Affairs, Baku, Azerbaijan

QTC DISPERSION AND SUSCEPTIBILITY TO VENTRICULAR ARRHYTHMIAS
IN ACUTE MYOCARDIAL INFARCTION PATIENTS

M.A Ostovan, S.H. Hooshmand, Shiraz University, Shiraz, Iran

P509:

Poster Session

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

EARLY AND LATE COMPLICATIONS OF PERCUTANEOUS PATENT
FORAMEN OVALE CLOSURE WITH THE AMPLATZER DEVICE

M. Zanchetta, L. Pedon, A. Carrozza, M. Zennaro, E. Onorato
Cittadella, Padova, Italy

DOUBLE AORTIC ARCH

A.S. Gami, J.R. Lesser, R.S. Schwartz, N.M. Ammash
Mayo Clinic College of Medicine, Rochester, MN, USA

INTRACARDIAC ECHOCARDIOGRAPHY GUIDANCE DURING
TRANSCATHETER CLOSURE OF PERFORATED ATRIAL SEPTAL
ANEURYSM

M. Zanchetta, E. Onorato, M. Zennaro, A. Carrozza, L. Pedon
Cittadella General Hospital, Padova, Italy

PREDICTORS OF LEFT VENTRICULAR PERFORMANCE AFTER VALVE
REPLACEMENT FOR CHRONIC AORTIC REGURGITATION

R. Isatafreshi, P. Nokhostindavari, A. Shahmohammadi, M. Meraji, M. Arabi
Iran University of Medical Sciences, Tehran, Iran

ILOPROST IN POSTOPERATIVE PULMONARY HYPERTENSION INFANT

A. Limsuwan, S. Wanichakul, A. Khosithsat, P. Ausayapao, P. Samankatiwat,
S. Attanavanich
Ramathibodi Hospital, Bangkok, Thailand

ENTERAL NUTRITION IN POST -OPERATIVE CONGENITAL HEART
DISEASE

A.M. Chutani, A. Saxena, P. Venugopal
CTNS Centre Aiims New Delhi India

RELATIONSHIP OF PARASYMPATHETIC AND SYMPATHETIC REGULATION
OF CARDIAC RHYTHM IN CHILDREN AT

C.E. Makimbetova, Kyrgyz-Russian Slavic University, Bishkek, Kyrgyzstan

PREVALENCE OF STREPTOCOCCUS A TONSILLITIS AND RHEUMATIC
FEVER AMONG CHILDREN IN ULAANBAATAR CITY

B. Burmaa, D. Zulgerel, D. Bayarmaa
Health Science University of Mongolia, UB, Mongolia

FIRST EXPERIENCE IN TRANSCATHETER CLOSURE OF SECUNDUM
ATRIAL SEPTAL DEFECTS USING THE AMPLATZER SEPTAL OCCLUDER IN
VIETNAM

H. Nguyen, H. Pham, P.M. Hung, N.N. Quang, P.G. Khai, N.L. Viet, D.D. Loi
Vietnam Heart Institute, Hanoi, Vietnam

P510: Poster Session

VALVULAR HEART DISEASE/HEART VALVE SURGERY ADULT

EVOLUTIVE CHANGES OF P-WAVE AFTER PERCUTANEOUS MITRAL
VALVULOPLASTY IN PATIENTS WITH MITRAL STENOSIS AND LEFT
ATRIAL ENLARGEMENT

JCE Tarastchuk, RRL Bueno, D.C Nercolini, PMP Andrade, ALA Pacheco, F.T
Ultramari, **E.E Guerios**
Hospital Universitario Evangelico, Curitiba, Brazil

MIXED SALAD VEGETABLE INTAKE REDUCES OXIDATIVE DNA DAMAGE
AND LIPID PEROXIDATION IN MICE

M.R. Kim, S.Y. Ly, Y.H. Young, K.B. Song, Y.S. Cho, H.K. Chun
Chungnam National University, Daejeon, Korea

D-DIMERS IN THE DIAGNOSIS OF THE ACUTE AORTIC DISSECTION

E. Sbarouni, P. Georgiadou, A. Marathia, S. Geroulanos, D.T.H. Kremastinos
Onassis Cardiac Surgery Center, Athens, Greece

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RISK SCORING PREDICTS PATIENTS AT HIGHER RISK OF
THROMBOEMBOLIC COMPLICATIONS AFTER VALVE REPLACEMENT
E.G Butchart, R. Nair, A. Ionescu, N. Payne, A.G Fraser
University Hospital of Wales, Cardiff, UK

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P511: Poster Session
**NEW APPROACHES TO SURGICAL REVASCULARIZATION, MINIMALLY
INVASIVE SURGERY**

PREDICTORS OF ATRIAL FIBRILLATION AFTER CORONARY ARTERY
BYPASS GRAFTING

L.A. Bockeria, **E.Z. Golukhova**, T.T. Kakuchaya, M.M. Alshibaya, V.Y.
Merzlyakov, I.V. Samorodskaya
Bakoulev Center for Cardiovascular Surgery, Moscow, Russia

INTRACORONARY AUTOLOGOUS BONE MARROW STEM CELL
TRANSPLANTATION IMPROVES LONGITUDINAL MYOCARDIAL STRAIN
AND STRAIN RATE IN CHRONIC ISCHEMIC CARDIOMYOPATHY

A. Manginas, G. Karatasakis, E. Leontiadis, I. Peristeri, E.Gousetis, S.
Graphakos, E. Papadakis, D. Cokkinos
Onassis Cardiac Surgery Center, Athens, Greece

NEW INSIGHTS IN MINI-INVASIVE VALVE REPLACEMENT: DESCRIPTION
OF A COOPERATIVE APPROACH FOR OFF-PUMP REPLACEMENT OF
MITRAL VALVES

Y. Boudjemline, E. Pineau, G. Agnoletti, D. Bonnet, D. Sidi, P. Bonhoeffer
Pediatric Cardiology, Necker for Sick Children Hospital, Paris, France

CLINICAL OUTCOME OF MANNEQUIN GUIDED SURGICAL VENTRICULAR
RESTORATION (TRISVR): DATA FROM AN INTERNATIONAL REGISTRY
ENROLLING PATIENTS UNDERGOING A STANDARDIZED PROCEDURE

M.Di. Donato, S. Boyce, R. Hebel, T. Acuff, S. Szenpetery, D. Smull, M. Mack,
L. Menicanti, San Donato Hospital, Milano, Italy

AORTOCORONARY BYPASS GRAFTING AND BONE-MARROW CELLS
TRANSPLANTATION IN THE ISCHEMIC HEART FAILURE TREATMENT

V.I. Shumakov, E.N. Kazakov, **S.V. Gureev**, N.A. Onishenko, E.N. Ostroumov,
A.A. Temnov, M.E. Krasheninnikov, O.P. Shevchenko, K.N. Vasiliev,
A.A. Sukchachev, A. Sh .Kchubutia, Institute of Transplantology, Moscow,
Russia

TWO UNUSUAL CASES OF CONGESTIVE HEART FAILURE

B. Borzanovic, **M. Borzanovic**, R. Vidakovic, M. Babic, I. Stojanovic, B.
Djukanovic
Dedinje Cardiovascular Institute, Belgrade, Serbia, Serbia & Montenegro

MORTALITY AND ABILITY PREDICTION IN CARDIAC SURGERY

J. Martinez Alario, I. Diaz Tuesta

Canary University Hospital, La Laguna, Tenerife, Spain

CASES SERIES OF INTERNAL MAMMARY TO PULMONARY VASCULATURE
FISTULA IN PATIENTS WITH PREVIOUS CORONARY ARTERY BYPASS
SURGERY

A.A Peter, A.C Ferreira, K. Zelnick, A. Sangosanaya, J. Chirinos,
E. De Marchena, Jackson Memorial Hospital, University of Miami, FL, USA