Monday, 26 September, 2005

08:30 - 10:00  Session 1 - Coronary - Oral  
Chairman: P Sergeant - D Wheatley

1  REVASCULARIZATION OF LEFT ANTERIOR DESCENDING ARTERY WITH DRUG-ELUTING STENTS: COMPARISON WITH MINIMALLY INVASIVE DIRECT CORONARY ARTERY BYPASS SURGERY (MIDCAB)  
Y Ben-Gal; R Mohr; R Braunstein; A Finkelstein; N Hansson; A Hendler; Y Moshkovitz; G Uretzky  
Tel Aviv Medical Center and Assuta Medical Center, Tel Aviv, Israel

2  ONE YEAR AFTER COMPLETE ARTERIAL REVASCULARISATION: DATA FROM RANDOMISED TRIAL  
E Devyatko; V Rohn; C A Mestres; D Reber; R Pawlaczyk; J I Aramendi; H Lotz-Becker; P Simon  
1Medical University Vienna, Vienna, Austria; 2University Hospital Prague, Prague, Czech Republic; 3University Hospital Barcelona, Barcelona, Spain; 4University Hospital Bochum, Bochum, Germany; 5Medical University of Gdansk, Gdansk, Poland; 6Hospital de Cruces Barakaldo, Barakaldo, Spain; 7HKZ Rotenburg, Rotenburg, Germany

3  FLOW DYNAMICS AND WALL SHEAR STRESS IN THE LITA: COMPOSITE ARTERIAL GRAFT VS SINGLE GRAFT  
M Lemma; A Innorta; A Mangini; M Pettinari; M Piccaluga; P Danna; C Antonia  
1Cardiac Surgery Division Sacco Hospital, Milano, Italy; 2Cardiology Division Sacco Hospital, Milano, Italy

4  COMPENSATORY INCREASE IN ULNAR FLOW AND ACCELERATED ATHEROSCLEROSIS FOLLOWING RADIAL ARTERY REMOVAL  
M Gaudino; F Glielca; N Luciani; P Tondi; M Serricchio; P Pola; G Possati  
Department of Cardiac Surgery Catholic University Rome, Rome, Italy

5  CLINICAL OUTCOME FOLLOWING ACUTE PERCUTANEOUS CORONARY INTERVENTION, REOPERATION, OR CONSERVATIVE TREATMENT IN PERIOPERATIVE GRAFT FAILURE AFTER CORONARY
PREOPERATIVE CALCULATION OF RISK FOR PROLONGED INTENSIVE CARE UNIT STAY FOLLOWING CORONARY ARTERY BYPASS GRAFTING
S Ghotkar; A Grayson; W Dihmis; M Pullan
The Cardiothoracic Centre, Liverpool, United Kingdom

Monday, 26 September, 2005
08:30 - 10:00
Session 2 - EACTS Young Investigator's Award, Cardiac & Thoracic - Forum
Chairman: T Treasure - L Von Segesser

1 SAFETY AND EFFICACY OF A NOVEL GEL FOR INTERNAL VESSEL OCCLUSION DURING OFF-PUMP CORONARY SURGERY
M Boodhwani1; W E Cohn3; J Feng1; B Ramlawi1; S Mieno1; A Schwarz2; F W Sellke1
1Beth Israel Deaconess Medical Center, Boston, MA, United States; 2Pluromed Incorporated, Lincoln, MA, United States; 3Texas Heart Institute, Houston, TX, United States

2 FLEECE BOUND SEALING PREVENTS PLEURAL ADHESIONS
V Getman; E Devyatko; E Wolner; S Aharinejad; M Mueller
Medical University Vienna, Vienna, Austria

3 A PROSPECTIVE RANDOMISED CONTROLLED TRIAL OF THE EFFECTIVENESS OF BIOGLUE IN TREATING ALVEOLAR AIR LEAKS
P Tansley; F Al-Mulhim; E Lim; G Ladas; P Goldstraw
Royal Brompton Hospital London, London, United Kingdom

4 IN VIVO SURVIVAL STUDIES OF TRANSPLANTED CARDIOMYOBLASTS USING OPTICAL BIOLUMINESCENCE
I Kutschka1; I Chen2; T Kofidis1; J Pearl1; A Sheikh1; S Hendry1; S S Gambhir2; R C Robbins1
1Department of Cardiothoracic Surgery Stanford University Medical School, Stanford, CA, United States; 2Department of Radiology Stanford University Medical School, Stanford, CA, United States

5 NOVEL TECHNIQUE OF AORTIC VALVULOPLASTY
M G Song1; S Hahn1; S Choo1; J Lee1; J Seo1; T Lim1; J Song1; J
INTRAPLEURAL INTERCOSTAL NERVE BLOCK ASSOCIATED WITH AXILLARY MINI-THORACOTOMY IMPROVES PAIN CONTROL AFTER MAJOR LUNG RESECTION

M Ibrahim¹; A D’Andrilli¹; A Ciccone¹; F Venuta²; T De Giacomo³; D Massullo³; G Pinto³; E A Rendina¹
¹Dept of Thoracic Surgery University of Rome La Sapienza SantAndrea Hospital, Rome, Italy; ²Dept of Thoracic Surgery University of Rome La Sapienza Policlinico Umberto I, Rome, Italy; ³Dept of Anestesiology University of Rome La Sapienza SantAndrea Hospital, Rome, Italy

EFFECTS OF CELL SAVER AUTOLOGOUS BLOOD TRANSFUSION ON BLOOD LOSS AND HOMOLOGOUS BLOOD TRANSFUSION REQUIREMENTS IN PATIENTS UNDERGOING CARDIAC SURGERY ON- VS OFF CARDIOPULMONARY BYPASS: A RANDOMISED TRIAL

G Niranj¹; A George¹; G Cockerill²; M Thompson²; V Chandrasekaran¹
¹Cardiothoracic Surgery St Georges Hospital NHS Trust, London, United Kingdom; ²Vascular Surgery St Georges Hospital NHS Trust, London, United Kingdom

INFLUENCE OF LOW DOSE APROTININ ON THORACIC SURGICAL OPERATIONS: A PROSPECTIVE RANDOMIZED TRIAL

N Panagopoulos; E Apostolakis; E Koletsis; J Crocket; N Charoulis; H Stamou-Kouki; D Dougenis
Department of Cardiothoracic Surgery Patras University School of Medicine, Patras, Greece

SURGICAL VERSUS PERCUTANEOUS TREATMENT OF ISOLATED LEFT ANTERIOR DESCENDING ARTERY DISEASE: A META-ANALYSIS OF RANDOMIZED AND OBSERVATIONAL STUDIES

M Boodhwani¹; F D Rubens²; F W Sellke¹; M Ruel²
¹Beth Israel Deaconess Medical Center, Boston, MA, United States; ²University of Ottawa Heart Institute, Ottawa, Canada

Monday, 26 September, 2005

08:30 - 10:00 Session 3 - Congenital - Interactive
Room 114
Chairman: B Maruszewski - J Jacobs

1 AORTIC VALVE INVOLVEMENT IN PATIENTS UNDERGOING CLOSURE OF VSD VIA THE PULMONARY TRUNK: A SURGICAL SERIES
K Takeda¹; T Yagihara¹; H Uemura²; K Kagisaki¹; I Hagino¹; T Ishizaka¹
1 National Cardiovascular Center, Suita, Japan; 2 Royal Brompton Hospital, London, United Kingdom

2 RIGHT VENTRICULAR OUTFLOW TRACT RECONSTRUCTION IN NEONATES AND YOUNG CHILDREN: ARE XENOGRAFT CONDUITS A REAL ALTERNATIVE TO HOMOGRAFTS?
K François; T Bové; D De Wolf; B Suys; D Matthys; G Van Nooten
University Hospitals Gent and Antwerp, Gent, Belgium

3 LONG-TERM FATE OF RESIDUAL RIGHT VENTRICULAR OUTFLOW TRACT GRADIENT AFTER TRANSATRIAL REPAIR OF TETRALOGY OF FALLOT.
R R Guerrero; D M Mc Mullan; D J Penny; A D Cochrane; C P Brizard; Y d'Udekem
Royal Childrens Hospital Melbourne, Melbourne, Australia

4 QUALITY ASSURANCE IN CONGENITAL HEART SURGERY
N Kang1; V T Tsang1; S Gallivan2; C Sherlaw-Johnson2; T J Cole1; M J Elliott1; M R de Leval1
1 Great Ormond Street Hospital for Children NHS Trust and the Institute of Child Health, London, United Kingdom; 2 University College London, London, United Kingdom

5 DOES THE ARISTOTLE SCORE PREDICT OUTCOME IN CONGENITAL HEART SURGERY?
N Kang; V T Tsang; M J Elliott; M R de Leval; T J Cole
Great Ormond Street Hospital for Children NHS Trust and the Institute of Child Health, London, United Kingdom

6 THE APPLICATION OF THE EACTS CONGENITAL DATABASE SOFTWARE TO THE ANALYSIS OF EARLY OUTCOMES IN 5256 CONSECUTIVE CHS PROCEDURES PERFORMED BETWEEN 1995 – 2004 IN SINGLE EUROPEAN CHS DEPARTMENT
A Kansy; B Maruszewski; Z Tobota; P Maruszewski; K Zalewski; A Zielińska; P Burczyński; J Stodulski
Children Memorial Health Institute, Warsaw, Poland

7 RISK STRATIFICATION IN PEDIATRIC HEART SURGERY: A COMPARATIVE STUDY OF THE BASIC AND THE COMPREHENSIVE ARISTOTLE COMPLEXITY SCORE.
K Hekmat1; R M Raji1; U M Fischer1; U Mehlhorn1; K Brockmeier2; N Sreram2; H J Geissler1; G B Bennink1
1 Department of Cardiothoracic Surgery University of Cologne, Cologne, Germany; 2 Department of Pediatric Cardiology University of Cologne, Cologne, Germany

8 THE ECONOMIC EVALUATION OF MINIATURISED CARDIOPULMONARY BYPASS IN INFANTS
UNDERGOING OPEN HEART SURGERY.
K A Mozol; A Kansy; M Saiczuk; J Zagórska; B Maruszewski
The Children Memorial Health Institute, Warsaw, Poland

THE RACHS-1 RISK CATEGORIES REFLECT MORTALITY AND LENGTH OF STAY IN A POPULATION OF CHILDREN OPERATED FOR CONGENITAL HEART DISEASE
S H Larsen¹; J Pedersen³; J Jacobsen²; S Johnsen²; O Hansen¹; V Hjortdal¹
¹Department of Thoracic and Cardiovascular Surgery Skejby Sygehus Aarhus University Hospital, Aarhus N, Denmark; ²Department of Clinical Epidemiology Aarhus Hospital Aarhus University Hospital, Aarhus N, Denmark; ³Department of Anesthesiology and Intensive Care Skejby Sygehus Aarhus University Hospital, Aarhus N, Denmark

Monday, 26 September, 2005
08:30 - 10:00 Session 4 - Cardiac Experimental - Interactive
Chairman: F Beyersdorf - A Wechsler

1 CEREBRAL PROTECTION OF SELECT MOTOR REGIONS BY COOLING TO PROFOUND HYPOTHERMIA (10°C) DURING HYPOTHERMIC CIRCULATORY ARREST IN AN ACUTE PORCINE MODEL
O G Ananiadou¹; G E Drossos¹; A N Bibou²; M Bai³; E O Johnson²
¹Department of Cardiac Surgery University Hospital of Ioannina, Ioannina, Greece; ²Department of Anatomy Medical School University of Ioannina, Ioannina, Greece; ³Department of Pathology Medical School University of Ioannina, Ioannina, Greece

2 CONTRACTILE DYSFUNCTION OF NATIVE CARDIOMYOCYTES MAY REVERSE AFTER MYOBLAST TRANSPLANTATION
G Marie-Noelle; T Vakhtang; G Gilles; A Erick; S Matthias; C Thierry; T T Hendrik
Clinic for Cardiovascular Surgery University Hospital Berne, Berne, Switzerland

3 LARGE-SCALE MYOCARDIAL REPAIR ON THE BEATING HEART USING EMBRYONIC STEM CELL – DERIVED CARDIAC MYOBLASTS IN A BIOARTIFICIAL MATRIX.
T Kofidis²; I Chen¹; E Martinez¹; A Haverich²; R C Robbins¹
¹Cardiothoracic Surgery Stanford University Medical School, Stanford, CA, United States; ²Division of Thoracic and Cardiovascular Surgery Hannover Medical School, Hannover, Germany
4 CARDIAC CONDUCTION THROUGH ENGINEERED TISSUE
Y Choi1; P E Hammer1; C Stamm2; I Friehs1; K F Kwaku1; F X McGowan Jr.1; P J del Nido1; D B Cowan1
1Childrens Hospital Boston and Harvard Medical School, Boston, MA, United States; 2University Rostock Department of Cardiac Surgery, Rostock, Germany

5 CEREBRAL PRECONDITIONING WITH RECOMBINANT ERYTHROPOIETIN ENHANCES NEUROLOGICAL RECOVERY AFTER HYPOTHERMIC CIRCULATORY ARREST: A CHRONIC PORCINE MODEL
M Givehchian1; A Scheule1; C Ehmann1; L Klein1; R Beschorner2; B Hashemi3; H Wendel1; G Ziemer1
1Department of Thoracic and Cardiovascular Surgery Tuebingen, Tuebingen, Germany; 2Institute of Brain Research Tuebingen, Tuebingen, Germany; 3Department of Neurosurgery Heidelberg, Heidelberg, Germany

6 MMP-2, BUT NOT MMP-9 IS ACTIVATED IN A MODEL OF CONGENITAL RIGHT VENTRICULAR HYPERTROPHY FOLLOWING LEFT-RIGHT SHUNT
S Bleiziffer1; J B Grammer1; C Schreiber1; S Fratz2; A Bernhard-Abt1; L Tu1; R Lange1; R Bauernschmitt1
1Clinic for Cardiovascular Surgery at the German Heart Center Munich, Munich, Germany; 2Department of Pediatric Cardiology and Congenital Heart Disease at the German Heart Center Munich, Munich, Germany

7 COLD SPINOPLEGIA AND TRANS-VERTEBRAL COOLING PAD REDUCE SPINAL CORD INJURY DURING THORACOABDOMINAL AORTIC SURGERY
M Isaka; H Kumagai; Y Sugawara; K Okada; K Orihashi; T Sueda
Hiroshima University, Hiroshima, Japan

8 FORSKOLIN INHIBITS ARTERIAL BYPASS GRAFT VASOSPASM IN VITRO
B P Choudhary1; L Guerrieri Wolf1; A Galione2; A Brading2; K Channon2; D P Taggart1
1John Radcliffe Hospital, Oxford, United Kingdom; 2University of Oxford, Oxford, United Kingdom

9 STEM CELL TRANSPLANTATION ENHANCES FUNCTIONAL AND MYOCARDIAL REMODELING OF CARDIOMYOCYTES IN CHRONIC NON-ISCHEMIC HEART DISEASE
J Garbade1; A Schubert1; M Barten1; H Aupperle2; T Walther1; J F Gummert1; S Dhein1; F Mohr1
1Heart Center Leipzig Dept of Cardiac Surgery University of Leipzig, Leipzig, Germany; 2Dept of Vet Pathology University of Leipzig, Leipzig, Germany
Monday, 26 September, 2005

08:30 - 10:00  Session 5 - The Alessandro Ricchi Transplant Services Foundation Award - Forum
Room 111  Chairman: W Klepetko - A Pavie

1  ELEVATED DONOR SODIUM LEVELS ARE A RISK FACTOR FOR INCREASED 1-YEAR MORTALITY AFTER HEART TRANSPLANTATION
D Hoefer¹; J M Smits²; E d Vries²; H Antretter¹; G Laufer¹
¹Innsbruck Medical University Department of Cardiac Surgery, Innsbruck, Austria; ²Eurotransplant International Foundation, Leiden, Netherlands

2  PERSISTENTLY ELEVATED SYSTEMIC BUT NOT CARDIAC SPECIFIC ADHESION MOLECULES EXPRESSION AND CORONARY ENDOTHELIAL DYSFUNCTION IN HUMAN CARDIAC ALLOGRAFTS
S M Wildhirt¹; C Schulze²; N Conrad²; R Bauernschmitt¹; R Lange¹; W von Scheidt²
¹German Heart Center Munich Technical University of Munich, Munich, Germany; ²University of Munich, Munich, Germany

3  EARLY CORONARY ENDOTHELIAL APOPTOSIS IN CARDIAC TRANSPLANTS
U M Fischer¹; A Antonyan¹; S Thelitz¹; G Kanani¹; H J Geissler¹; W Bloch³; J W Fries²; U Mehlhorn¹
¹Clinic for Cardiothoracic Surgery University of Cologne, Cologne, Germany; ²Institute for Pathology University of Cologne, Cologne, Germany; ³Molecular and Circulatory Physiology German Sports University, Cologne, Germany

4  NEUTROPHIL TRANSENDOTHELIAL MIGRATION POTENTIAL PREDICTS REJECTION SEVERITY IN HUMAN CARDIAC TRANSPLANTATION
D G Healy¹; W G Watson³; C O'Keane⁴; J J Egan¹; J F McCarthy¹; J Hurley¹; J M Fitzpatrick²; A E Wood¹
¹Prof Eoin O'Malley National Centre For Cardiothoracic Surgery, Dublin 7, Ireland; ²Dept Surgery Mater Misericordiae University Hospital Dublin, Dublin, Ireland; ³Conway Institute Of Biomolecular And Biomedical Research, Dublin 4, Ireland; ⁴Dept Pathology Mater Misericordiae University Hospital Dublin, Dublin, Ireland

5  A NEW METHOD TO PREVENT ACUTE ALLOGRAFT REJECTION AFTER TRANSPLANTATION- INHIBITION OF T CELL HOMING BY DOWN REGULATING OF CD62L
C Stremmel; W Jungraithmayr; W Sienel; B Passlick
University of Freiburg Department of Thoracic Surgery, Freiburg, Germany

6  PROLONGATION OF GRAFT SURVIVAL IN AN
ALLOGENIC RAT MODEL OF ORTHOTOPIC LUNG TRANSPLANTATION
Y Li; T Köster; M Bader; S v. Hoersten; C Moerike; A Haverich; A R Simon
Hannover Medical School, Hannover, Germany

7 COMPARISON OF TWO GENE TRANSFER MODELS FOR THE ATTENUATION OF MYOCARDIAL REPERFUSION INJURY FOLLOWING PRESERVATION FOR TRANSPLANTATION
H Abunasra¹; R Smolenski¹; J Yap²; M Yacoub¹
¹Harefield Hospital, Leicester, United Kingdom; ²The Heart Hospital, London, United Kingdom

8 COMPARATIVE STUDY OF DONOR LUNG INJURY IN HEART-BEATING VERSUS NON-HEART-BEATING DONORS
A P Neyrinck¹; C Van De Wauwer¹; N Geudens¹; F Rega¹; G Verleden¹; P Wouters¹; T Lerut²; D Van Raemdonck²
¹Katholieke Universiteit Leuven, Leuven, Belgium; ²University Hospitals Leuven, Leuven, Belgium

9 DONOR PRETREATMENT USING THE AEROSOLIZED PROSTACYCLIN ANALOGUE ILOPROST – IS A SECOND ADMINISTRATION DURING REPERFUSION BETTER TO OPTIMIZE POSTISCHEMIC FUNCTION OF NON HEART BEATING DONOR LUNGS?
T Wittwer¹; U F Franke¹; M Ochs²; T Sandhaus¹; M Thiene¹; T Mueller¹; T Wahlers¹
¹Friedrich Schiller University Jena, Jena, Germany; ²University of Goettingen, Goettingen, Germany

Monday, 26 September, 2005

10:25 - 10:30 Fontan Prize
Forum Auditorium

Monday, 26 September, 2005

10:30 - 12:00 Session 6 - Mixed - Oral
Chairman: T Åberg - W Weder - B Keogh

1 CURRENT PCI AND CABG PRACTICE FOR THREE VESSEL AND LEFT MAIN CORONARY ARTERY DISEASE
A P Kappetein¹; F W Mohr²; M C Morice³; M E Russell¹; J L Pomar⁵; E Stahle⁶; M J Mack⁴; P W Serruys¹
¹ErasmusMC, Rotterdam, Netherlands; ²Heart Center Leipzig, Leipzig, Germany; ³Boston Scientific, Natick, MA, United States; ⁴Medical City Dallas, Dallas, TX, United States; ⁵University of Barcelona, Barcelona, Spain; ⁶University Uppsala, Uppsala, Sweden; ⁷Hospital Jacques Cartier, Massy, France
2 OUTPATIENT THORACIC SURGICAL PROGRAM IN 300 PATIENTS: CLINICAL RESULTS AND ECONOMICAL IMPACT
L Molins; J J Fliba; J Perez; A Sierra; G Vidal; C Simon
1Thoracic Surgery Department Sagrat Cor University Hospital Barcelona, Barcelona, Spain; 2Anesthesiology Department Sagrat Cor University Hospital Barcelona, Barcelona, Spain

3 LUNG- AND HEART-LUNG TRANSPLANTATION IN PATIENTS WITH GROWN-UP CONGENITAL HEART DISEASE: 16 YEAR EXPERIENCE
H Goerler; P Oppelt; M Strueber
Department of Thoracic and Cardiovascular Surgery Hannover Medical School, Hannover, Germany

4 INCIDENCE AND MANAGEMENT OF SURGICAL COMPLICATIONS AFTER INDUCTION CHEMOTHERAPY FOLLOWED BY EXTRAPLEURAL PNEUMONECTOMY FOR MALIGNANT PLEURAL MESOTHELIOMA
I Opitz; P Kestenholz; D Lardinois; D Schneiter; R Stahel; W Weder
1Department of Thoracic Surgery University Hospital Zurich, Zurich, Switzerland; 2Department of Oncology University Hospital Zurich, Zurich, Switzerland

5 REVERSAL AND COMPETITIVE FLOW IN ARTERIAL COMPOSITE GRAFTS: THE EFFECT OF GRAFT ARRANGEMENT FOR PREVENTION
H Nakajima; J Kobayashi; O Tagusari; K Bando; K Niwaya; S Miyazaki; T Yagihara; S Kitamura
National Cardiovascular Center, Osaka, Japan

6 FACTORS INFLUENCING LONG-TERM OUTCOME AFTER THE FONTAN PROCEDURE
S P McGuirk; A J Clarke; S M Langley; O Stumper; M Griselli; J G Wright; D J Barron; W J Brawn
1Department of Cardiac Surgery Diana Princess of Wales Childrens Hospital Birmingham, Birmingham, United Kingdom; 2Department of Cardiology Diana Princess of Wales Childrens Hospital Birmingham, Birmingham, United Kingdom

Monday, 26 September, 2005

12:00 - 12:45 EACTS PRESIDENTIAL ADDRESS
Forum Auditorium
Torkel Åberg, Umea, Sweden
The quest for quality and progress

Monday, 26 September, 2005

14:00 - 15:00 Session 7 - Angioplasty vs Surgery
Forum Auditorium
STATE OF THE ART
"The evidence base for Coronary Surgery and Angioplasty in Triple Vessel and Left Main Coronary Disease"
Chairman: T Åberg - B Keogh

Monday, 26 September, 2005

14:00 - 15:00 Session 8 - Thoracic Brompton Prize - Forum
Room 112 Chairman: G Ladas - E A Rendina

1 COST-EFFECTIVENESS ANALYSIS OF PROPHYLACTIC RESPIRATORY PHYSIOTHERAPY IN PULMONARY LOBECTOMY
G Varela; E Ballesteros; M F Jiménez; N Novoa; J L Aranda
Thoracic Surgery Section Salamanca University Hospital, Salamanca, Spain

2 CAN INTRAPLEURAL C-REACTIVE PROTEIN PREDICT VATS PLEURODESIS FAILURE IN SPONTANEOUS PNEUMOTHORAX?
F Leo1; N Venissac1; D Pop1; A Rosenthal-Allieri2; J Mouroux1
1Thoracic Surgery Department University of Nice, Milan, France; 2Immunology Department University of Nice, Milan, France

3 SURGICAL OUTCOME FOR THE SUBCENTIMETER LUNG CANCER; IS THE SUBLOBULAR RESECTION AN EMERGING CONCEPT OF IN THIS POPULATION?
M Tsuboi; T Ohira; N Ikeda; O Uchida; N Kajiwara; K Miyajima; T Hirano; H Kato
Tokyo Medical University, Tokyo, Japan

4 DEVELOPING A VATS LOBECTOMY PROGRAMME - CAN VATS LOBECTOMY BE TAUGHT?
J Ferguson; W Walker
Royal Infirmary of Edinburgh, Cambridge, United Kingdom

5 FOCAL INTENSE BRIEF TRANSCUTANEOUS ELECTRIC NERVE STIMULATION FOR TREATMENT OF POSTTHORACOTOMY PAIN: A RANDOMIZED PROSPECTIVE STUDY
O Solak; A Turna; M Metin; A Pekcolaklar; A Sayar; A Gürses
Department of Thoracic Surgery Yedikule Hospital for Chest Diseases and Thoracic Surgery, Istanbul, Turkey

6 NODAL STATUS AT REPEAT MEDIASTINOSCOPY (REMS) DETERMINES SURVIVAL IN NON-SMALL CELL LUNG CANCER (NSCLC) WITH MEDIASTINAL NODAL INVOLVEMENT.
M De Waele; J Hendriks; P Lauwers; P Ortmanns; W Vanroelen; P Geronpré; P Van Schil
University Hospital of Antwerp, Edegem, Belgium

Monday, 26 September, 2005
Session 9 - Young Surgeon's Congenital Heart Disease Award - Forum
Chairman: G Stellin - V Tsang

1 LOW-FLOW-PERFUSION VIA THE INNOMINATE ARTERY DURING AORTIC ARCH OPERATIONS PROVIDES ONLY LIMITED SOMATIC CIRCULATORY SUPPORT
O Roerick\textsuperscript{1}; T Seitz\textsuperscript{1}; P Mauser-Weber\textsuperscript{2}; T Palmaers\textsuperscript{2}; M Weyand\textsuperscript{1}; R Cesnjevar\textsuperscript{1}
\textsuperscript{1}Department of Cardiac Surgery University Hospital Erlangen, Erlangen, Germany; \textsuperscript{2}Anaesthesiologic Department University Hospital Erlangen, Erlangen, Germany

2 EXPANDED POLYTETRAFLUOROETHYLENE VALVED CONDUIT WITH BULGING SINUSES IN RIGHT VENTRICULAR OUTFLOW TRACT RECONSTRUCTION
T Miyazaki\textsuperscript{1}; H Kado\textsuperscript{1}; A Nakashima\textsuperscript{1}; K Fukae\textsuperscript{1}; T Nakano\textsuperscript{1}; K Hinokiyama\textsuperscript{1}; M Yamagishi\textsuperscript{2}
\textsuperscript{1}Fukuoka Childrens Hospital, Fukuoka, Japan; \textsuperscript{2}Kyoto Prefectural University of Medicine, Kyoto, Japan

3 FATE OF PULMONARY ARTERIES FOLLOWING NORWOOD PROCEDURE
M Griselli\textsuperscript{1}; S P McGuirk\textsuperscript{1}; V Ofoe\textsuperscript{2}; O Stumper\textsuperscript{2}; J V De Giovann\textsuperscript{2}; J G Wright\textsuperscript{2}; D J Barron\textsuperscript{1}; W J Brawn\textsuperscript{1}
\textsuperscript{1}Department of Cardiac Surgery Diana Princess of Wales Childrens Hospital Birmingham, Birmingham, United Kingdom; \textsuperscript{2}Department of Cardiology Diana Princess of Wales Childrens Hospital Birmingham, Birmingham, United Kingdom

4 LONG TERM FOLLOW UP OF NEOAORTIC REGURGITATION AFTER ARTERIAL SWITCH OPERATION FOR TRANPOSITION OF THE GREAT ARTERIES
H Hwang; W Kim; J Kwak; Y Kim; J Lee; J Rho; E Bae; C Noh Seoul National University Children Hospital, Seoul, Korea (South)

5 THE TREATMENT OF ISCHEMIC MITRAL REGURGITATION WITH OR WITHOUT VENTRICULAR RESTORATION
F Nomura; T Isomura; T Horii; H Irie; J Hoshino; H Makinae; H Suma
Hayama Heart Center, Hayama, Japan

Monday, 26 September, 2005

Session 10 - Coronary & Valves - Forum
Chairman: J Bachet - J Schafers

1 AORTIC PROSTHETIC RING ANNULOPLASTY: A USEFUL ADJUNCT TO STANDARDIZE AORTIC VALVE
SPARING PROCEDURE
L EMMANUEL; D ISABELLE; B NICOLAS; L PASCAL; R AKHTAR; A CHRISTOPHE; P ALAIN; G IRADJ
Institut de cardiologie de la Pitie Salpetriere Paris, Paris, France

2 NON-INVASIVE IMAGING DIAGNOSTIC BY THE NEW 64-MSCT
A R Plass¹; A K Haeussler¹; J Grunenfelder¹; S Leschka²; S Wildermuth³; G Zund³; M Genoni¹
¹Clinic for Cardiovascular Surgery University Hospital Zurich, Zurich, Switzerland; ²Department of Radiology University Hospital Zurich, Zurich, Switzerland; ³Department of Experimental Surgery University Hospital Zurich, Zurich, Switzerland

3 SELF-MANAGEMENT OF ANTICOAGULATION THERAPY AFTER MECHANICAL HEART VALVE REPLACEMENT
M Helmut; I Kaczmarek; M Oberhofer; S Voigt; E Kreuzer; B Reichart; S Daebritz
University of Munich, Munich, Germany

4 EXERCISE TOLERANCE IS NOT LIMITED BY ALFIERI’S OR CARPENTIER’S MITRAL VALVE REPAIR.
J Frapier; C Sportouch; P Rouviere; R G Demaria; J Davy; B Albat
Cardiac Surgery and Cardiology CHU Arnaud de Villeneuve Montpellier, Montpellier Cedex 5, France

5 PROGRESSIVE IMPROVEMENT OF MYOCARDIAL PERFUSION AFTER OFF-PUMP REVASCULARIZATION USING BILATERAL INTERNAL THORACIC ARTERIES; COMPARISON OF EARLY VERSUS 1-YEAR POSTOPERATIVE MYOCARDIAL SPECT
K Kim; H Y Hwang; K R Cho; W J Kang; D S Lee
Seoul National University Hospital, Seoul, Korea (South)

6 ADMINISTRATION OF C1-ESTERASE INHIBITOR DURING EMERGENCY CORONARY ARTERY BYPASS SURGERY IN ACUTE ST-ELEVATION MYOCARDIAL INFARCTION
M Thielmann¹; G Marggraf¹; P Massoudy¹; M Neuhäuser²; S Knipp¹; M Kamler¹; J Piotrowski¹; H Jakob¹
¹Thoracic and Cardiovascular Surgery West German Heart Center Essen University Hospital Essen, Essen, Germany; ²Institute for Medical Informatics Biometry and Epidemiology University Hospital Essen, Essen, Germany

7 EFFECT OF RISK ADJUSTED NON-DIALYSIS DEPENDENT RENAL DYSFUNCTION ON MORTALITY AND MORBIDITY FOLLOWING CORONARY ARTERY
BYPASS SURGERY: A MULTI-CENTRE STUDY
M Devbhandari¹; A Duncan¹; A Grayson²; B Fabri²; D Keenan³; B Bridgewater⁴; J Au¹
¹Blackpool Victoria Hospital, Manchester, United Kingdom; ²The Cardiothoracic Centre, Liverpool, United Kingdom; ³Manchester Royal Infirmary, Manchester, United Kingdom; ⁴South Manchester University Hospital, Manchester, United Kingdom

8 GRAFT FUNCTION, HISTOPATHOLOGY AND MORPHOMETRY OF RADIAL ARTERIES USED AS CONDUITS FOR CABG IN PATIENTS BEYOND AGE 70
S M Wildhirt; F von Canal; M Benz; J Grammer; B Voss; R Bauernschmitt; P Tassani; R Lange
German Heart Center Munich Technical University of Munich, Munich, Germany

9 APICAL SUCTION LEADS TO SEVERE ISCHEMIA OF THE VENTRICULAR APEX
A L Fernandez; J Alvarez; J Cortes; J Sierra; J García Carro; J Rubio; J M Suarez; J B Garcia Bengochea
University Hospital of Santiago de Compostela, Santiago de Compostela, Spain

Monday, 26 September, 2005
15:30 - 17:00 Session 11 - Thoracic Mixed - Forum
Chairman: S Elia - M-R Mueller

1 SURGICAL MANAGEMENT OF BRONCHIECTASIS: ANALYSIS AND SHORT-TERM RESULTS IN 273 PATIENTS
S Gürkök; A Gözübüyük; M Dakak; O Yücel; H Çaylak; K Kavakli; O Genc
Gulhane Military Medical Academy GMMA Department of Thoracic Surgery, Ankara, Turkey

2 SURGERY FOR BRONCHIECTASIS – INDICATIONS AND LONG TERM RESULTS IN 144 PATIENTS
S Eggeling¹; F Noack¹; D Kaiser¹
¹HELIOS Klinikum Emil von Behring, Freiburg, Germany; ²Universitaetsklinik Freiburg, Freiburg, Germany

3 PNEUMONECTOMY FOR COMPLEX ASPERGILLOMA: IS IT STILL DANGEROUS?
Y Shiraishi; N Katsuragi; Y Nakajima; M Hashizume; N Takahashi
Fukujuji Hospital, Tokyo, Japan

4 SURGERY FOR CLOD ABSCESS OF THE CHEST WALL: IS THE EXTENT OF THE RESECTION AN IMPORTANT FACTOR?
Y T Kim; K N Han; C H Kang; S Jheon; S W Sung; J H Kim
FUNCTIONAL-PHENOTYPICAL PROGNOSTIC FACTORS IN LUNG ADENOCARCINOMAS IN STAGE I
T Szőke¹; K Kayser²; I Troján¹; G Kayser³; J Furák¹; L Tiszlavicz¹; H Gabius⁵
¹Department of Surgery University of Szeged, Szeged, Hungary; ²Institute of Pathology Humboldt University Berlin, Berlin, Germany; ³Institute of Pathology University of Freiburg, Freiburg, Germany; ⁴Institute of Pathology University of Szeged, Szeged, Hungary; ⁵Institute of Physiological Chemistry Ludwig Maximilians University Munich, Munich, Germany

IDENTIFICATION AND CLASSIFICATION OF DIFFERENTIALLY EXPRESSED GENES IN NON-SMALL CELL LUNG CANCER (NSCLC) BY expression PROFILING ON A GLOBAL HUMAN 59.620-ELEMENT Oligonucleotide ARRAY
H Hofmann¹; A Simm¹; G Hansen²; B Bartling¹; R Silber¹; S Burdach³
¹Department of Cardio and Thoracic Surgery University Halle, Halle, Germany; ²Department of Paediatrics University Halle, Halle, Germany; ³Department of Paediatrics Technical University Munich, Munich, Germany

CHEST WALL INFILTRATION BY NON SMALL CELL LUNG CANCER: IS DEPTH OF INVASION A REAL PROGNOSTIC FACTOR?
S Elia; V Ambrogi; E Pampana; P Bollero; T C Mineo
Thoracic Surgery Rome Tor Vergata University Policlinic, Rome, Italy

SURGICAL RESECTION OF PULMONARY METASTASES: IS LYMPHADENECTOMY NECESSARY?
J Gawrychowski¹; T Kaczor²; E Malinowski³
¹Department of Thoracic Surgery Silesian Medical Academy Katowice, Gliwice, Poland; ²Department of Thoracic Surgery Bystra Slaska, Bystra Slaska, Poland

VALUE OF SURGERY FOR RENAL CELL METASTASES TO THE LUNGS
A Csekeo; K Orban; L Agocs; P Vadasz; Z Heiler; S Kostic; I Soltesz
Thoracic Surgery Clinic of Koranyi National Institut for Pulmonology, Budapest, Hungary

Monday, 26 September, 2005
15:30 - 17:00 Session 12 - Cardiac General - Interactive
Room 115 Chairman: M Gaspar - O Jegaden
1 A HISTOLOGIC COMPARISON OF ENDOSCOPI C AND CONVENTIONAL SAPHENOUS VEIN HARVESTING
FOR CORONARY ARTERY BYPASS GRAFTING
A F Musa\(^1\); M E Taib\(^1\); S A Rahman\(^2\)
\(^1\)National Heart Institute, Kuala Lumpur, Malaysia; \(^2\)Universiti Putra Malaysia, Selangor, Malaysia

2 REFRACTORY BLEEDING FOLLOWING CARDIAC SURGERY: EFFECTIVE TREATMENT WITH RECOMBINANT FACTOR VIIA
U M Fischer; A Mayer; C Menzel; O Özel; K Hekmat; H J Geissler; U Mehlhorn
Clinic for Cardiothoracic Surgery University of Cologne, Cologne, Germany

3 PREOPERATIVE FIBRINOGEN LEVELS CORRELATE TO BLEEDING AFTER CORONARY ARTERY BYPASS SURGERY
M Karlsson; A Jeppsson
Department of Cardiothoracic Surgery Sahlgrenska University Hospital Gothenburg, Gothenburg, Sweden

4 ANTICOAGULATION WITH LOW MOLECULAR WEIGHT HEPARIN IN PREGNANT WOMEN WITH MECHANICAL HEART VALVE PROSTHESES
N Park; H Park; D Keum; Y Jang; S Han; S Hur; C Cho; S Choi
Keimyung University Dongsan Medical Center, Daegu, Korea (South)

5 GEOFORM: A NEW VALVULAR SOLUTION FOR A VENTRICULAR PROBLEM
S F Bolling\(^1\); D S Bach\(^1\); O Alfieri\(^2\)
\(^1\)University of Michigan, Ann Arbor, MI, United States; \(^2\)Osp San Raffaele, Milan, Italy

6 CLINICAL EFFICACY OF SURGICAL VENTRICULAR RESTORATION AND RESTRICTIVE MITRAL ANNULOPLASTY IN PATIENTS WITH END-STAGE HEART FAILURE
S A Tulner; P Steendijk; R J Klautz; J J Bax; M I Versteegh; E E van der Wall; R A Dion
Leiden University Medical Center, Leiden, Netherlands

7 LEFT VENTRICULAR RESTORATION IN ISCHEMIC CONGESTIVE HEART FAILURE
P Klein; J J Bax; J Braun; E R Holman; R J Klautz; M I Versteegh; A de Weger; R A Dion
Departments of Cardiothoracic Surgery and Cardiology Leiden University Medical Center, Leiden, Netherlands

8 LEFT VENTRICULAR STRAIN PATTERNS BEFORE AND AFTER ENDOVENTRICULAR CIRCULAR PATCH PLASTY: EARLY POSTOPERATIVE REMODELING AS MEASURED BY TAGGED MRI
K Bohmann; L Axel; T Manglik; V Pai; U Jorde; E A Grossi; S B
Monday, 26 September, 2005

15:30 - 17:00 Session 13 - Cardio Pulmonary Bypass - Interactive
Room 113 Chairman: D Birnbaum - A Wahba

1 REDUCTION OF COAGULATIVE RESPONSE AND MONOCYTE-PLATELET INTERACTION FOLLOWING THE USE OF MINIMAL EXTRACORPOREAL CIRCULATION (MECC) SYSTEM IN CABG PATIENTS
P A Farneti; S Sbrana; D Spiller; A G Cerillo; F Santarelli; D Di Dario; P A Del Sarto; M Glauber
Ospedale G Pasquinucci Massa, Massa, Italy

2 MINIMIZING THE EXTRACORPOREAL CIRCULATION ATTENUATES THE ENDOTHELIAL ACTIVATION
C A Skrabal¹; A Khosravi¹; A David¹; Y Ladirov¹; M Steiner²; G Steinhoff¹; A Liebold¹
¹Department of Cardiac Surgery at the University of Rostock, Rostock, Germany; ²Institute of Clinical Chemistry and Pathobiocchemistry at the University of Rostock, Rostock, Germany

3 MINI-EXTRACORPOREAL CIRCULATION SYSTEM VERSUS OFF-PUMP SURGERY FOR CORONARY BYPASS: A PROSPECTIVE RANDOMIZED COMPARISON
V Mazzei; G Nasso; A Anselmi; G Salamone; A Tommasini; M Zucchetti; G Zaccone
Ospedale Papardo Messina, Rome, Italy

4 REDUCING PERIOPERATIVE HAEMOLYSIS DURING OPEN HEART CARDIOPULMONARY BYPASS SURGERY WITH A NOVEL CARDIOTOMY SUCTION DEVICE: SMARTSUCTION®.
D Jegger; J Horisberger; M Nordien; M Jachertz; I Seigneul; P Tozzi; D Delay; L von Segesser
Department of Cardiovascular Surgery CHUV Lausanne, Lausanne, Switzerland

5 ENDOTHELIAL APOPTOSIS AND CIRCULATING ENDOTHELIAL CELLS AFTER BYPASS GRAFTING WITH AND WITHOUT CARDIOPULMONARY BYPASS
F X Schmid¹; N Vaduttu²; M A Shahin¹; B Floerchinger¹; G Eissner¹; M Hoenicka¹; M Hilker¹; D Birnbaum¹
¹Department of Cardiothoracic and Vascular Surgery University Hospital Regensburg Germany, Regensburg, Germany; ²Department of Internal Medicine Division of Hematology and Oncology University Hospital Regensburg Germany, Regensburg, Germany
OPCAB SURGERY SIGNIFICANTLY REDUCES MONOCYTE ACTIVATION IN VIVO WHEN COMPARED TO SURGERY USING CPB
B J Evans1; R C Landis1; D O Haskard1; K M Taylor1
1Imperial College, London, United Kingdom; 2University of West Indies, Cave Hill, Barbados

CLINICAL PERFORMANCE AND BIOCOMPATIBILITY OF NOVEL SURFACE MODIFYING TECHNOLOGIES
S Gunaydin1; K Ayrancioglu2; T Sari2; K McCusker3; V Vijay3; M Sargon4; M Kocakulak5; Y Zorlutuna2
1Kirikkale University Medical School, Ankara, Turkey; 2Numune Training Research Hospital, Ankara, Turkey; 3Portsmouth Regional Hospital, Portsmouth, NH, United States; 4Hacettepe University, Ankara, Turkey; 5Baskent University, Ankara, Turkey

DIMETHYLARGININE DIMETHYLAMINOHYDROLASE (DDAH) II GENE POLYMORPHISM AND REQUIREMENT FOR VASOPRESSOR INFUSION AFTER CARDIAC SURGERY
R Ryan1; J Thornton2; R McManus2; E Duggan1; E Mc Govern1; D Kelleher2; T Ryan1
1St James's Hospital, Dublin, Ireland; 2Dublin Institute for Molecular Medicine, Dublin, Ireland

Monday, 26 September, 2005
15:30 - 17:00 Session 14 - Arrhythmia/Experimental - Forum
Room 111 Chairman: U Mehlhorn - J Vaage

THE IMPACT OF EARLY MITRAL VALVE SURGERY COMBINED WITH MAZE PROCEDURE
A Itoh; J Kobayashi; K Bando; K Niwaya; O Tagusari; H Nakajima; S Komori; S Kitamura
National Cardiovascular Center, Osaka, Japan

BIATRIAL PACING IS AN EFFECTIVE STRATEGY FOR PREVENTION OF ATRIAL FIBRILLATION AFTER CORONARY ARTERY BYPASS SURGERY
R Sattarzadeh; M Esfami; M Sanatkar; H Radmehr; H Mirkhani Cardiovascular Surgery Department Imam Khomeini Medical Center Tehran University of Medical Sciences, Tehran, Iran

INTRAORTIC INJECTION OF PROPOFOL PREVENTS SPINAL CORD ISCHEMIA DURING AORTIC SURGERY
H Kumagai; M Isaka; Y Sugawara; K Imai; K Okada; K Orihashi; T Sueda
Hiroshima University, Hiroshima, Japan

SYSTOLIC CORONARY VENOUS RETROPERFUSION PREVENTS MYOCARDIAL INFARCT EXPANSION IN THE CHRONICALLY ISCHEMIC PORCINE HEART
S de Zeeuw; C W Verlaan; M Schurink; M Emons; P F
DIABETICS ARE MORE PRONE TO RADIAL ARTERY GRAFT VASOSPASM AFTER CORONARY ARTERY BYPASS SURGERY THAN NON-DIABETICS
B P Choudhary¹; Y Abu-Omar¹; A Galione²; A Brading²; K Channon¹; D P Taggart¹
¹John Radcliffe Hospital, Oxford, United Kingdom; ²University of Oxford, Oxford, United Kingdom

HYPOTHERMIC CIRCULATORY ARREST WITH MODERATE, DEEP OR PROFOUND HYPOTHERMIC SELECTIVE ANTEGRADE CEREBRAL PERFUSION: WHICH TEMPERATURE PROVIDES BEST BRAIN PROTECTION?
N Khaladj¹; C Hagi¹; P Oetjen¹; S Peterss¹; R von Wasielewski²; G Hauschild³; M Karck¹; A Haverich¹
¹Division of Thoracic and Cardiovascular Surgery Hannover Medical School, Hannover, Germany; ²Department of Pathology Hannover Medical School, Hannover, Germany; ³University of Veterinary Medicine Hannover, Hannover, Germany

HTERT TRANSFECTION OF ENDOTHELIAL PROGENITOR CELLS (EPC) IMPROVES THEIR REGENERATIVE POTENTIAL UP TO THE LEVEL OF EPC FROM YOUNGER HUMANS.
P von Samson¹; L Diaz²; E Weigang¹; K Kusano²; M Hartert¹; D Losordo²
¹Department of Cardiovascular Surgery University Hospital Freiburg, Freiburg, Germany; ²SEMC St Elizabeth Medical Center, Boston, MA, United States

EFFECTS OF ASSIST RATIO OF CONTINUOUS FLOW PUMP ON CORONARY BLOOD FLOW IN THE FAILING HEART
S Saito; T Shin'oka; K Yamazaki; S Kihara; H Kurosawa
Department of Cardiovascular Surgery Tokyo Womens Medical University, Tokyo, Japan

Monday, 26 September, 2005
15:30 - 17:00 CONGENITAL SURGERY BUSINESS MEETING
Room 114

Monday, 26 September, 2005
17:00 - 18:00 EACTS GENERAL ASSEMBLY
Room 114

Tuesday, 27 September, 2005
08:30 - 10:15 Session 15 - Coronary & Valves - Forum
Room 116/117 Chairman: S Nashef - G Wimmer-Greinecker
1. MRI PROPERTIES OF THE AORTIC ROOT LATE AFTER THE ROSS PROCEDURE: COMPARISON OF THREE OPERATIVE TECHNIQUES.
   G Luciani¹; A Favaro¹; G Puppini²; G Casali¹; A Mazzucco¹
   ¹Division of Cardiac Surgery Verona, Verona, Italy; ²Division of Radiology Verona, Verona, Italy

2. STENTLESS VERSUS CONVENTIONAL XENOGRAFT AORTIC VALVE REPLACEMENT: MIDTERM RESULTS OF A PROSPECTIVELY RANDOMIZED TRIAL
   S Lehmann; T Walther; V Falk; D Holzhey; J F Gummert; F W Mohr
   Heartcenter Leipzig, Leipzig, Germany

3. LESS INVASIVE MITRAL VALVE SURGERY: EXPERIENCE IN 1026 PATIENTS USING THE DIRECT CLAMPING TECHNIQUE
   J Onnasch; V Falk; T Kuntze; W Gerber; S Jacobs; F Mohr
   Heart Center Leipzig University of Leipzig, Leipzig, Germany

4. AN IMPROVED DUAL-ACTION ANTI-CALCIFICATION PROCESSING METHOD FOR BIOPROSTHETIC HEART VALVE TISSUE
   S Rubalcaba; J Dove; A de la Fuente; J Davidson; M Howanec; M Thubrikar
   Edwards Lifesciences, Irvine, CA, United States

5. PATIENT PROSTHESIS MISMATCH AT VALUES CONSIDERED SEVERE DOES NOT AFFECT SURVIVAL FOLLOWING AORTIC VALVE REPLACEMENT
   N Howell; B E Keogh; V Barnet; R S Bonser; T R Graham; S J Rooney; I C Wilson; D Pagano
   University Hospital Birmingham NHS Foundation Trust, Birmingham, United Kingdom

6. REVERSE MYOCARDIAL REMODELING AS A CONSEQUENCE OF COMBINED CORONARY REVASCULARISATION AND MITRAL DOWNSIZING IN ISCHEMIC CARDIOMYOPATHY AND SEVERE MITRAL REGURGITATION
   S Geidel¹; M Lass¹; G Groth²; C Schneider²; N Kotetishvili¹; S Bocor²; K Kuck²; J Ostermeyer¹
   ¹Department of Cardiac Surgery AK St Georg Hamburg, Hamburg, Germany; ²Department of Cardiology AK St Georg Hamburg, Hamburg, Germany

7. AORTIC PERIMOUNT PERICARDIAL BIOPROSTHESIS 20 YEARS EXPERIENCE WITH 1857 PATIENTS
   M R Aupart; A Mirza; Y Meurisse; A Sirinelli; P Neville; M A Marchand
   Trousseau Hospital and Rabelais University Tours, Tours, France

8. AORTIC VALVE REPAIR WITH AUTOLOGOUS
PERICARDIAL PATCH
H F Lausberg; D Aicher; F Langer; H Schäfers
Dept of Thoracic and Cardiovascular Surgery University Hospitals of the Saarland, Homburg/Saar, Germany

DOES THE TYPE OF BIOLOGICAL VALVE AFFECT PATIENT OUTCOME?
J Puvimanasinghe; J Takkenberg; M Eijkemans; P Kappetein; L van Herwerden; A Bogers
Erasmus MC, Rotterdam, Netherlands

Tuesday, 27 September, 2005
08:30 - 10:15
Room 112
Session 16 - Thoracic Oncology/Oesophagus - Interactive
Chairman: R Berrisford - D van Raemdonck

1 PHOTODYNAMIC THERAPY (PDT) IN BARRETT’S ESOPHAGUS WITH DYSPLASIA OR EARLY CANCER
C N Foroulis; J A Thorpe
The General Infirmary at Leeds, Leeds, United Kingdom

2 PREOPERATIVE STAGING OF ESOPHAGEAL CARCINOMA WITH MULTIDETECTOR CT AND VIRTUAL ENDOSCOPY
A Eroglu; O Onbas; A Turkyilmaz; N Karaoglanoglu
Ataturk University Medical Faculty, Erzurum, Turkey

3 RECURRENCES AFTER COMPLETE RESECTION OF SQUAMOUS CELL CARCINOMA OF THE ESOPHAGUS WITH TWO-FIELD LYMPHADENECTOMY
K Kim; H I; Y Shim
DEPARTMENT OF THORACIC AND CARDIOVASCULAR SURGERY SAMSUNG MEDICAL CENTER SUNGKYUNKWAN UNIVERSITY SCHOOL OF MEDICINE, Seoul, Korea (South)

4 ROUX EN Y GASTROJEJUNOSTOMY FOR THE TREATMENT OF COMPLEX ESOPHAGO-GASTRIC PROBLEMS
F Antonacci; A Ruffato; F D’Ovidio; M Di Simone; S Mattioli
Division of Esophageal and Pulmonary Surgery Villa Maria Cecilia and San Pier Damiano Hospitals University of Bologna, Bologna, Italy

5 LONG-TERM RESULTS AFTER HELLER-DOR OPERATION FOR ESOPHAGEAL ACHALASIA
A Ruffato; F Antonacci; F D’Ovidio; M Lugaresi; M Di Simone; S Mattioli
Division of Esophageal and Pulmonary Surgery Villa Maria Cecilia and San Pier Damiano Hospitals University Of Bologna, Bologna, Italy

6 NEOADJUVANT CHEMOTHERAPY FOR ADVANCED STAGE (III-IVA) THYMOMAS: A SINGLE INSTITUTION EXPERIENCE WITH A LONG FOLLOW-UP.
7 MULTIMODALITY TREATMENT FOR THYMIC CARCINOMA
M Anile; F Venuta; E Rendina; T De Giacomo; D Diso; C Andreetti; M Di Stasio; G Coloni
University of Rome La Sapienza, Rome, Italy

8 RESECTION AND RECONSTRUCTION OF THE SUPERIOR VENA CAVA FOR MEDIASTINAL TUMORS
V Federico; R Erino Angelo; A Marco; D Tiziano; F Federico; D Daniele; C Anna Maria; C Giorgio Furio
University of Rome La Sapienza, Rome, Italy

9 SURGICAL TREATMENT OF PULMONARY ARTERY SARCOMA
S Kim; Y Choi; K Kim; Y Lee; Y Shim; P Park; J Kim
Samsung Seoul Hospital Sungkyunkwan University school, Seoul, Korea (South)

10 PRIMARY PULMONARY ARTERY SARCOMA: A FATAL DISEASE?
S Guth1; T Kramm1; D Pruefer1; K Kreitner2; C Vahl1; E Mayer1
1Department of Cardiothoracic and Vascular Surgery, Mainz, Germany; 2Department of Radiology, Mainz, Germany

Tuesday, 27 September, 2005

08:30 - 10:15 Session 17 - Congenital - Oral
Room 114
Chairman: J Comas - H Edmunds

1 IMMUNOLOGICAL RESPONSE AFTER CRYOPRESERVED HEART VALVE ALLOGRAFT IMPLANTATION IN PEDIATRIC PATIENTS
M Birbach; B Piatosa; M Fedorowicz; B Maruszewski
The Children Memorial Health Institute Warsaw, Warsaw, Poland

2 SURGICAL TREATMENT OF EBSTEIN'S ANOMALY: VALVE REPLACEMENT OR RECONSTRUCTIVE SURGERY?
V Lazoryshynets; M Glagola; M Rudenko; I Mokryk
Amosov Institute of Cardiovascular Surgery, Kyiv, Ukraine

3 MAJOR AORTO-PULMONARY COLLATERAL ARTERIES OF PATIENTS WITH PULMONARY ATRESIA AND VSD ARE DILATED BRONCHIAL ARTERIES
M A Nørgaard; N Alphonso; A D Cochrane; S Menahem; C P Brizard; Y d'Udekem
Royal Childrens Hospital, Melbourne, Australia

4 FEASIBILITY OF BIVENTRICULAR REPAIR IN DOUBLE OUTLET RIGHT VENTRICLE (DORV)
Surgical Results of Arterial Switch Operation in Patients with Tausig-Bing Heart
M Griselli; S P McGuirk; C S Ko; A J Clarke; D J Barron; W J Brawn
Department of Cardiac Surgery Diana Princess of Wales Childrens Hospital Birmingham, Birmingham, United Kingdom

Medium Term Outcome for Infant Repair in Tetralogy of Fallot: Indicators for Timing of Surgery
A Ooi; N Moorjani; G Baliulis; J L Monro; M P Haw
Southampton Wessex Cardiothoracic Centre, Southampton, United Kingdom

Predicting the Performance of Mitral Prostheses Implanted in Children Under 5 Years of Age
H A Vohra; S Laker; D Barron; W Brawn
Diana Princess of Wales Childrens Hospital Birmingham Childrens Hospital NHS Trust Birmingham, Essex, United Kingdom

Tuesday, 27 September, 2005

Session 18 - Cardiac Assist - Interactive
Chairman: G Laufer - D Loisance

1 No Clinical Recovery of Heart Function After Left Ventricular Mechanical Support in Patients with End-Stage Dilated Cardiomyopathy
H Liden1; K Karason2; C Bergh2; F Nilsson1; B Kornhall1; B Koul3; L Wiklund1
1Department of Cardiothoracic Surgery Sahlgrenska University Hospital Goteborg, Sweden; 2Department of Cardiology Sahlgrenska University Hospital Goteborg, Goteborg, Sweden; 3Department of Cardiothoracic Surgery Lund University Hospital, Lund, Sweden; 4Department of Cardiology Lund University Hospital, Lund, Sweden

2 Beneficial Effects of Metoprolol During LV Mechanical Unloading - An Experimental Study Towards the “Bridge to Recovery”- H Kanemitsu; H Tsuneyoshi; T Nishina; T Ikeda; M Komeda
Department of Cardiovascular Surgery Kyoto University, Kyoto, Japan

3 Mechanical Circulatory Support as a Bridge
TO CARDIAC TRANSPLANTATION; PREDICTORS OF SURVIVAL
A El Banayosy; L Kizner; L Arusoglu; M Morshius; H Milting; P Sarnowski; K Minami; R Körfer
Heart Center NRW Ruhr University of Bochum, Bad Oeynhausen, Germany

EXTENDED MECHANICAL CIRCULATORY SUPPORT FOR BRIDGE TO TRANSPLANT PROCEDURES: IMPROVEMENT IN SURVIVAL WITH IMPLANTABLE LEFT VENTRICULAR ASSIST DEVICES VERSUS PARACORPOREAL SYSTEMS
M J Jurmann; Y Weng; T Drews; M Pasic; E Hennig; R Hetzer
Deutsches Herzcentrum Berlin, Berlin, Germany

FIVE YEAR EXPERIENCE WITH AXIAL-FLOW PUMPS AS BRIDGE TO HEART TRANSPLANTATION: IMPACT OF IMPLANT TIMING ON OUTCOME
M J Wilhelm; M L Lachat; S P Salzberg; R Pretre; G Zueend; M I Turina; M Genoni
Department of Cardiovascular Surgery University Hospital Zurich, Zurich, Switzerland

INITIAL EXPERIENCE WITH THE THORATEC® INTRACORPOREAL VENTRICULAR ASSIST DEVICE
P Litzler; F Bouchart; A Tabley; M Redonnet; C Nafeh-Bizet; C Haas-Hubscher; N Roux; J Bessou
Department of Cardiovascular Surgery University Hospital Charles Nicolle Rouen, Rouen, France

THE SWEDISH JARVIK 2000 EXPERIENCE
L Wiklund; U Lonn; U Kjellman; B Koul
1Department of Cardiothoracic Surgery Sahlgrenska University Hospital Goteborg, Goteborg, Sweden; 2Department of Cardiothoracic Surgery Lund University Hospital, Lund, Sweden; 3Department of Cardiothoracic Surgery Uppsala University Hospital, Uppsala, Sweden

CLINICAL MULTICENTER EXPERIENCE WITH A NOVEL AXIAL FLOW LVAD (HEARTMATE II) IN OVER 60 AND UNDER 60 AGE GROUPS
M Strueber; F Pagani; Y Naka; R L Kormos; J W Long; R D Dowling; H T Massey; O H Frazier
1Hannover Medical School, Hannover, Germany; 2University of Michigan, Ann Arbor, MI, United States; 3Columbia University, New York, NY, United States; 4University of Pittsburgh, Pittsburgh, PA, United States; 5LDS Hospital, Salt Lake City, UT, United States; 6University of Louisville, Louisville, KY, United States; 7University of Rochester, Rochester, NY, United States; 8Texas Heart Institute, Houston, TX, United States

THROMBIN MEDIATES REBOUND
HYPERCOAGULABILITY AFTER HEPARIN WITHDRAWAL IN VAD PATIENTS
S Kallam; R Poston; B Griffith; R Pierson; E Sorensen; R Reynolds; M Lavador; L Romar
*University of Maryland Medical Center, Baltimore, MD, United States*

**Tuesday, 27 September, 2005**

08:30 - 10:15  
Session 19 - Hans G Borst Award for Thoracic Aortic Surgery  
- Oral  
Chairman: R Bonser - M Turina

1  
SURGERY FOR AORTIC ARCH EMPLOYING MILD HYPOTHERMIA (32°C) AND ANTEGRADE CEREBRAL PERFUSION: COMPARISON WITH CONVENTIONAL TECHNIQUES  
T Aybek; P Risteski; A Zierer; F Detho; S Dogan; G Wimmer-Greinecker; A Moritz  
*University of Johann Wolfgang Goethe Department of Thoracic and Cardiovascular Surgery, Frankfurt am Main, Germany*

2  
DEEP HYPOTHERMIA IN PULMONARY ENDARTERECTOMY FOR CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION: THE END OF A MYTH?  
P Macchiarini¹; M Karck²; K Hiroyuki²; C Hagi²; M Hoeper²; J Barbera¹; J Pomar¹; A Haverich²  
¹Hospital Clinic of Barcelona, Barcelona, Spain; ²Medizinische Hochschule Hannover, Hannover, Germany

3  
SELECTIVE CEREBRAL PERFUSION VIA RIGHT AXILLARY ARTERY DIRECT CANNULATION FOR AORTIC ARCH SURGERY  
J T Strauch; Y Böhme; U F Franke; T Wittwer; N Madershahian; T Wahlers  
*Cardiothoracic Surgery University Hospital Jena, Jena, Germany*

4  
TRANSPOSITION OF THE SUPRAAORTIC BRANCHES FOR EXTENDED ENDOVASCULAR ARCH REPAIR  
M Czerny¹; D Zimpfer¹; T Fleck¹; R Gottardi¹; M Schoder²; J Lammert²; E Wolner¹; M Grimm¹  
¹Department of Cardiothoracic Surgery University of Vienna, Vienna, Austria; ²Department of Interventional Radiology University of Vienna, Vienna, Austria

5  
NEUROPHYSIOLOGICAL MONITORING DURING ENDOVASCULAR STENTGRAFT IMPLANTATION  
E Weigang¹; M Hartert¹; R Sircar²; P von Samson¹; M Siegenthaler¹; M Luehr¹; J Zentner²; F Beyersdorf¹  
¹Department of Cardiovascular Surgery University Hospital Freiburg, Freiburg, Germany; ²Department of Neurosurgery University Hospital Freiburg, Freiburg, Germany
LONG TERM RESULTS WITH CABROL AORTIC ROOT REPLACEMENT
T Kitamura; I Kigawa; Y Miura; S Fukuda; T Miyairi
Mitsui Memorial Hospital, Tokyo, Japan

POSTOPERATIVE INCREASE IN DIAMETER OF AORTIC PROSTHESES IN PATIENTS WITH THORACIC OR THORACOABDOMINAL AORTIC REPLACEMENT
E Weigang1; T Bley2; J Genstorfer1; M Hartert1; v Patrick1; N Ghanem2; M Siegenthaler1; F Beyersdorf1
1Department of Cardiovascular Surgery University Hospital Freiburg, Freiburg, Germany; 2Department of Radiology University Hospital Freiburg, Freiburg, Germany

Tuesday, 27 September, 2005
11:00 - 12:00 Session 20 - Valves - C W Lillehei Young Investigator's Award - Oral
Chairman: O Alfieri - M Antunes

1 PATIENT-PROSTHESIS MISMATCH IN AORTIC VALVE REPLACEMENT: ARE WE USING RELIABLE EFFECTIVE ORIFICE AREA (EOA) VALUES?
B Meuris; W Flameng
University Hospitals Leuven, Leuven, Belgium

2 STARR-EDWARDS PROSTHESES IN MITRAL POSITION: RESULTS OF A FORTY-YEAR FOLLOW UP
R Darius1; O Goedje1; K Adelhard2; G Nollert1; S Daebritz1; B Reichart1
1Department of Cardiac Surgery Klinikum GH University Hospital of Munich, Munich, Germany; 2Institute for Medical Statistics Biometry and Epidemiology at the University Hospital Munich, Munich, Germany

3 COMPUTATIONAL SIMULATIONS OF THE AORTIC Valve VALIDATED BY IMAGING DATA: EVALUATION OF VALVE-SPARING TECHNIQUES
A Ranga1; O Bouchot2; R Mongrain1; R Cartier2
1McGill University, Montreal, Canada; 2Montreal Heart Institute, Montreal, Canada

4 DIRECT ACCESS VALVE REPLACEMENT - ARE WE ENTERING A NEW ERA IN CARDIAC SURGERY?
C H Huber; L K von Segesser
Service de Chirurgie Cardiovaseculaire Centre Hospitalier Universitaire Vaudois CHUV Lausanne, Lausanne, Switzerland

Tuesday, 27 September, 2005
11:00 - 12:00 Session 21 - Thoracic Non-Oncology - Interactive
Chairman: T Grodzki - B Passlick

1 CHARLSON COMORBIDITY INDEX PREDICTS LONG-
TERM OUTCOME IN PATIENTS WITH NONSMALL CELL LUNG CANCER
O Birim; A P Kappetein; A J Bogers
Erasmus MC, Rotterdam, Netherlands

2 QUALITY OF LIFE AFTER PULMONARY SURGERY: A PROSPECTIVE STUDY IN 81 PATIENTS
B Balduyck; J Hendriks; P Lauwers; L Bellens; P Van Schil
University Hospital of Antwerp, Edegem, Belgium

3 RISK-ADJUSTED MORBIDITY, MORTALITY AND FAILURE-TO-RESCUE MODELS TO EVALUATE THE INTERNAL QUALITY OF CARE AFTER MAJOR LUNG RESECTION
A Brunelli; A Sabbatini; F Xiumé; M Al Refai; M Salati; R Marasco
Unit of Thoracic Surgery Umberto I Regional Hospital Ancona, Ancona, Italy

4 RESPIRATORY THERAPY AFTER PULMONARY LOBECTOMY IN HIGH RISK PATIENTS: POSITIVE AIRWAY PRESSURE THERAPY SYSTEM VERSUS INCENTIVE SPIROMETRY.
M Nosotti; N Bellaviti; A Baisi; L Rosso; B Chella; G Basilico; A Palleschi; L Santambrogio
IRCCS Ospedale Maggiore Policlinico di Milano, Milano, Italy

5 A NOVEL INSTRUMENTED RETRACTOR REDUCES TISSUE DISRUPTIVE FORCES DURING LATERAL THORACOTOMY
G Bolotin¹; G D Buckner²; N J Jardine²; A J Kiefer²; J Raman³; V Jeevanandam³
¹Tel Aviv Medical Center Tel Aviv University, Tel Aviv, Israel; ²College of Engineering at North Carolina State University, Raleigh, United States; ³Pritzker School of Medicine at the University of Chicago, Chicago, IL, United States

6 RIB SPREADING AND CLOSURE WITH AVOIDING THE INTERCOSTAL NERVE DECREASES POSTTHORACOTOMY PAIN
J Lee; K Kim; Y Jeon; C Park; K Park
Department of Thoracic and Cardiovascular Surgery Gachon Medical School, Inchon, Korea (South)

Tuesday, 27 September, 2005

11:00 - 12:00 Session 22 - Congenital - Forum
Room 114 Chairman: J Monro - A Urban

1 TRICUSPIDISATION OF THE AORTIC VALVE RESTORES A NORMAL VALVULAR FUNCTION IN BICUSPID AORTIC VALVES
R Prêtre¹; A Kadner¹; H Dave¹; D Bettex¹; M Genoni²
1 University Children Hospital, Zurich, Switzerland; 2 University Hospital Zurich, Zurich, Switzerland

MANAGEMENT OF SYSTEMIC VENTRICULAR OUTFLOW OBSTRUCTION FOR SINGLE VENTRICLE: RELEVANCE OF DAMUS-KAYE-STANSEL PROCEDURE.
T Tsunekawa1; T Yagihara1; H Uemura2; K Kagisaki1; I Hagino1; T Ishizaka1; M Koh1; S Kitamura1
1 Department of Cardiovascular Surgery National Cardiovascular Center, Osaka, Japan; 2 Department of Cardiac Surgery Royal Brompton Hospital, London, United Kingdom

NEW SURGICAL APPROACH "INTRAPULMONARY SEPTATION" FOR FONTAN CANDIDATES WITH UNILATERAL PULMONARY ARTERIAL HYPOPLASIA AND/OR PULMONARY VENOUS OBSTRUCTION.
K Sakamoto; A Ikai; Fujimoto; N Ota; M Murata; T Nakata Shizuoka Childrens Hospital, Shizuoka, Japan

PREDICTORS FOR BIVENTRICULAR REPAIR IN PULMONARY ATRESIA WITH INTACT VENTRICULAR SEPTUM
J Cleuziou1; C Schreiber1; M Kostolny1; J Hörer1; R Busch2; A Eicken3; K Holper1; R Lange1
1 German Heart Center Munich at the Technical University Clinic for Cardiovascular Surgery, Munich, Germany; 2 Institute of Medical Statistics and Epidemiology Klinikum rechts der Isar Technical University Munich, Munich, Germany; 3 German Heart Center Munich Clinic of Paediatric Cardiology and Congenital Heart Disease, Munich, Germany

SURGICAL MANAGEMENT OF PULMONARY ATRESIA WITH VENTRICULAR SEPTAL DEFECT IN LATE ADOLESCENCE AND ADULTHOOD
E Belli1; L Mace2; R Roussin1; P Dervanian1; J Petit1; J Losay1; C Planché1; A Serraf1
1 Marie Lannelongue Hospital, Le Plessis-Robinson, France; 2 University Hospital at Nancy, Nancy, France

EXCELLENT RESULTS OF 26 PULMONARY VALVE REPLACEMENTS WITH A MECHANICAL PROSTHESIS.
T W Waterbolk; E S Hoendermis; I J den Hamer; T Ebels University Medical Center Groningen, Groningen, Netherlands

Tuesday, 27 September, 2005
11:00 - 12:00 EACTS EDUCATIONAL INITIATIVES
Room 113

Tuesday, 27 September, 2005
11:00 - 12:00 Session 23 - Experimental - Interactive
**1 CYCLOSPORIN-A DECREASES NEURONAL DAMAGE IN SPINAL CORD ISCHEMIA DURING AORTIC CROSS-CLAMPING IN RABBITS.**
E A Ozkisacik; M Boga; B Discigiil; I M Badak; U Gurcun; E Dikicioglu; I Meteoglu
1Adnan Menderes University Department of Cardiovascular Surgery, Aydin, Turkey; 2Adnan Menderes University Department of Pathology, Aydin, Turkey

**2 SELECTIVE IMPROVEMENT OF GROWTH FACTOR-BASED THERAPEUTIC ANGIOGENESIS BY L-ARGININE SUPPLEMENTATION IN A PORCINE MODEL OF MYOCARDIAL ISCHEMIA WITH ENDOTHELIAL DYSFUNCTION**
P Voisine; C Bianchi; M Ruel; J Li; S Xu; J Feng; A Rosinberg; F W Sellke
1Beth Israel Deaconess Medical Center, Boston, MA, United States; 2University of Ottawa Heart Center, Ottawa, Canada; 3Laval Hospital, Quebec, Canada

**3 INOSINE PROTECTS AGAINST MYOCARDIAL AND ENDOTHELIAL REPERFUSION INJURY AFTER HEART TRANSPLANTATION**
G Szabó; N Stumpf; S Hagl
Department of Cardiac Surgery University of Heidelberg, Heidelberg, Germany

**4 ANTEGRADE VS. RETROGRADE ISOLATED LUNG PERFUSION (ILP) WITH DOXORUBICIN: COMPARISON OF TUMOR DRUG UPTAKE AND INTRACOMPARTMENTAL DISTRIBUTION IN AN EXPERIMENTAL SETTING**
T Krueger; S Andrejevic-Blant; A Kuemmerle; H Yan; J Ballini; L A Decosterd; H B Ris
1Thoracic Surgery Service University Hospital Lausanne, Lausanne, Switzerland; 2Swiss Federal Institute of Technology Lausanne, Lausanne, Switzerland; 3Institute of Pathology University Hospital Lausanne, Lausanne, Switzerland; 4Division of Clinical Pharmacology University Hospital Lausanne, Lausanne, Switzerland

**5 ACUTE AND LONG-TERM EFFICIENCY OF SCAFFOLD-BASED MYOBLAST TRANSPLANTATION**
M Siepe; M Giraud; M Pavlovic; P Menasché; F Beyersdorf; H Tevaearai; T Carrel
1Department of Cardiovascular Surgery of the University Clinic in Bern, Bern, Switzerland; 2Department of Cardiovascular Surgery of the University Clinic in Freiburg, Freiburg, Germany; 3Department for Cardiovascular Surgery of the HEGP in Paris, Paris, France; 4Department of Pediatric Cardiology of
Tuesday, 27 September, 2005

12:00 - 12:45  EACTS HONOURED GUEST LECTURE  Eugene Blackstone, Cleveland, USA  Thinking beyond the risk factors
Room 116/117

Tuesday, 27 September, 2005

14:00 - 14:45  EACTS BASIC SCIENCE LECTURE  James Reason, Manchester, UK  Behavioural aspects of surgical excellence
Room 116/117

Tuesday, 27 September, 2005

15:15 - 17:15  Session 24 - Coronary & Valves - Forum
Chairman: A P Kappetein - C Mestres
Room 116/117

1  A CLINICAL STUDY OF ANNULAR GEOMETRY AND DYNAMICS IN PATIENTS WITH ISCHEMIC MITRAL REGURGITATION: NEW INSIGHTS INTO ASYMMETRICAL RING ANNULOPLASTY
R De Simone1; S Mottl-Link1; I Wolf2; M Hastenteufel2; H Meinzer2; S Hagl1
1Department of Cardiac Surgery University of Heidelberg, Heidelberg, Germany; 2Div Medical and Biological Informatics DKFZ Heidelberg, Heidelberg, Germany

2  SHOULD THE AORTIC VALVE BE REPLACED IN PATIENTS WITH MILD AORTIC STENOSIS ADMITTED FOR CORONARY SURGERY?
A Böning; S Bürger; SFraund; G Lutter; M Brandt; A Rahimi; J Cremer
University Hospital Schleswig Holstein Campus Kiel, Kiel, Germany

3  TRANS-APICAL APPROACH FOR AORTIC STENT VALVE IMPLANTATION: EXPERIMENTAL RESULTS
T Walther1; T Dewey2; M Doss3; R Hambrecht1; G Wimmer-Greinecker3; F W Mohr1; M Mack2
1Heartcenter Leipzig, Leipzig, Germany; 2Heartcenter Dallas, Dallas, TX, United States; 3University Frankfurt, Frankfurt, Germany

4  ENDOSCOPIC OFF-PUMP AORTIC VALVE REPLACEMENT: DOES THE PERICARDIAL CUFF IMPROVE THE SUTURELESS CLOSURE OF LEFT VENTRICULAR ACCESS?
P Tozzi1; M Pawelec-Wojtalic2; D Bukowska3; V Argitis1; L K von Segesser1
1Cardiovascular Surgery Dpt Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland; 2University of Medical Science Poznan, Poznan, Poland; 3University of Agriculture Poznan, Poznan, Poland
5 STRUCTURAL ANALYSIS OF THE SPARING TECHNIQUE CORRECTIONS
A Mangini1; M Soncini2; M Lemma1; A Redaelli2; S Zinicchino2; V Burrone2; E Votta2; C Antona1
1Cardiac Surgery Division Sacco Hospital, Milan, Italy; 2Bioengineering Department Politecnico di Milano, Milan, Italy

6 DIRECT IMAGING OF A BILEAFLET MECHANICAL VALVE BEHAVIOR IN THE TRICUSPID POSITION
K Ikeda; Y Okazaki; K Furukawa; S Ohtsubo; J Yunoki; M Natsuaki; T Itoh
Saga University Faculty of Medicine, Saga, Japan

7 MITRAL VALVE SURGERY: THE NEED FOR PACEMAKER IMPLANTATION BECAUSE OF SINUS NODE DYSFUNCTION DEPENDS ON THE SURGICAL APPROACH
V E Hjortdal; P Lukac; A K Pedersen; P S Hansen
Skejby University Hospital, Aarhus, Denmark

8 RESULTS OF MITRAL VALVE REPAIR IN RHEUMATIC MITRAL REGURGITATION
A Sampath Kumar; S Talwar; A Saxena; R Singh; V Devagourou
All India Institute of Medical Sciences, New Delhi, India

9 TISSUE PERFUSION IN NON-DONOR (ND) AND DONOR (D) FOREARM/HAND AFTER RADIAL ARTERY HARVEST: 1- AND 5- YEAR FOLLOW-UP.
S S Shah1; R Sadaba1; M Burniston2; M Barnfield2; P Coughlin1; T J Batchelor1; C M Munsch1
1The Yorkshire Heart Centre, Leeds, United Kingdom; 2St James University Hospital, Leeds, United Kingdom

10 POSTOPERATIVE CLOPIDOGREL IMPROVES MID-TERM OUTCOME AFTER OFF-PUMP CORONARY ARTERY BYPASS GRAFT SURGERY: A PROSPECTIVE STUDY
A T GURBUZ2; A A ZIA2; A C VURAN1; H CUI3; A AYTAC1
1Anadolu Saglik Merkezi, Gebze, Kocaeli, Turkey; 2Tucson Medical Center, Tucson, AZ, United States; 3University of Arizona, Tucson, AZ, United States

11 A PROSPECTIVE RANDOMISED STUDY TO EVALUATE CHANGES IN HUMAN NEUTROPHIL DEFENSINS AS A SURROGATE MARKER OF INTESTINAL DAMAGE IN PATIENTS AT HIGH-RISK OF RENAL INJURY UNDERGOING CORONARY REVASCULARIZATION WITH AND WITHOUT CARDIOPULMONARY BYPASS
D VARGHESE1; B VARGHESE1; M HANSON2; P WOOD3; T VELISSARIIS4; D HETT1; S K OHRI1
1Southampton General Hospital, Southampton, United Kingdom; 2The Cleveland Clinic Foundation, Cleveland, OH, United States; 3University of Arizona, Tucson, AZ, United States; 4University of Arizona, Tucson, AZ, United States
FORCES AT SPAC (SINGLE POINT ATTACHED COMMISSURES) IN PERICARDIAL AORTIC VALVE PROSTHESIS
W A Goetz; K Lim; R Ibled; N Grousson; S L Salgues; J Yeo
Nanyang Technological University Mechanical and Aerospace Engineering Division of Thermal and Fluid Engineering, Singapore, Singapore

Tuesday, 27 September, 2005
15:15 - 17:15 Session 25 - Thoracic Mixed - Forum
Room 112 Chairman: G Friedel - P Macchiarini

1 THORACOSCOPIC LOBECTOMY IN PULMONARY SEQUESTRATION
P B Kestenholz; D Schneiter; S Hillinger; W Weder
Clinics for Thoracic Surgery University of Zurich, Zurich, Switzerland

2 THORACOSCOPIC LUNG LOBECTOMY IN INFANTS
I Cano; J L Antón-Pacheco; A García
Division of Pediatric Surgery Hospital Universitario Doce de Octubre Madrid, Madrid, Spain

3 COMPLEX AIRWAY SURGERY IN CHILDREN LESS THAN 18 MONTHS
P Macchiarini1; J Freihorst2; T Breymann2; H von der Hardt2
1Hospital Clinic of Barcelona and Saint Joan de Deu, Barcelona, Spain; 2Medizinische Hochschule Hannover, Hannover, Germany

4 MID-TERM RESULTS AFTER SURGICAL TREATMENT OF TRACHEOMALACIA BY AORTOPEXY IN INFANTS
U Abdel-Rahman; A Simon; D Müller; A Moritz; P Ahrens; H Fieguth
Johann Wolfgang Goethe University of Frankfurt, Frankfurt, Germany

5 SYNCHRONOUS SECOND PRIMARY NSCLC (SSP): SURGICAL THERAPY AND PROGNOSIS
K D Diemel; M Nakashima; J Halberstadt; C Albrecht; D Branscheid
Department of General Thoracic Surgery The Grosshansdorf Hospital Hamburg, Hamburg, Germany

6 MANAGEMENT OF CONGENITAL TRACHEAL STENOSIS IN INFANCY
J L Antón-Pacheco1; I Cano1; J Comas2; L Galletti2; L Polo2; A García1; M López1
1Division of Pediatric Surgery and Pediatric Airway Unit Hospital Universitario Doce de Octubre Madrid, Madrid,
IMPROVED RESULTS IN THE SURGICAL TREATMENT OF PANCOAST TUMOR OVER TIME: A 22-YEAR EXPERIENCE.
E Ruffini; P Filosso; A Cavallo; R Giobbe; M Mancuso; M Molinatti; G Maggi; A Oliaro
Thoracic Surgery University of Torino, Torino, Italy

RADIOFREQUENCY ABLATION OF LUNG TUMOURS: WHEN AND HOW.
M C Ambrogi; M Lucchi; F Melfi; P Dini; O Fanucchi; A Mussi
Thoracic Surgery of the Cardiac and Thoracic Department of the University of Pisa, Pisa, Italy

IMPLICATION OF IDIOPATHIC INTERSTITIAL PNEUMONIA ON SURGERY FOR LUNG CANCER
A Watanabe; T Mawatari; T Koyanagi; S Nakashima; N Takahashi; T Abe
Department of Thoracic and Cardiovascular Surgery Sapporo Medical University School of Medicine, Sapporo, Japan

ARE THE PATIENTS WITH INTERSTITIAL PNEUMONITIS CAUSED BY COLLAGENOUS DISEASES CONTRAINDICATED FOR THE LUNG CANCER SURGERY?
J Nakajima; S Takamoto; E Takeuchi; T Fukami; A Sano
University of Tokyo Graduate School of Medicine, Tokyo, Japan

THREE HUNDRED THIRTY THREE EXPERIENCES OF THE BIDIRECTIONAL GLENN PROCEDURE IN A SINGLE INSTITUTE
Y Tanoue1; H Kado2; N Boku2; H Tatewaki2; T Nakano2; K Fukae2; A Nakashima2; M Masuda1
1Kyushu University, Fukuoka, Japan; 2Fukuoka Childrens Hospital Medical Center, Fukuoka, Japan

PULSATILE BIDIRECTIONAL CAVOPULMONARY SHUNT CAN ENHANCE THE USEFULNESS OF STAGED FONTAN OPERATION IN HIGH RISK PATIENT
M Asano; T Nakayama; M Ishida; T Saito; N Nomura; A Mishima
Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

IS THE OFF-PUMP FONTAN PROCEDURE JUSTIFIABLE?
M Koh; T Yagihara; H Uemura; S Shiraishi; K Kagisaki; I
A TREND OF ATRIOVENTRICULAR VALVE REGURGITATION AFTER A MODIFIED FONTAN OPERATION
C Lee¹; C Lee¹; H Seo¹; S Whang¹; H Lim¹; W Kim²
¹Sejong General Hospital, Bucheon, Korea (South); ²Seoul National University Hospital, Seoul, Korea (South)

REOPERATION AFTER FONTAN PROCEDURES
W Kim; C Choi; Y Kim; J Lee; J Rho; S Min; E Bae; C Noh
Seoul National University Children Hospital, Seoul, Korea (South)

SURGICAL PALLIATION FOR HYPOPLASTIC LEFT HEART SYNDROME: PATHOLOGICAL SUBSTRATES OF CLASSIC NORWOOD VERSUS SANO MODIFICATION.
M A Padalino¹; C Castellani²; O Milanesi³; G Thiene²; G Stellin¹; A Angelini²
¹Pediatric Cardiovascular Unit University of Padova Medical School, Padova, Italy; ²Cardiovascular Pathology University of Padova Medical School, Padova, Italy; ³Pediatric Cardiology Department of Pediatrics University of Padova Medical School, Padova, Italy

STAGE I NORWOOD WITH A VENTRICLE TO PULMONARY ARTERY CONDUIT FOR LESIONS OTHER THAN HYPOPLASTIC LEFT HEART SYNDROME.
C Pizarro; J Kolcz; C Muscar
Nemours Cardiac Center Alfred I duPont Hospital, Wilmington, United States

FONTAN OPERATION FOR CHILDREN WITH HYPOPLASTIC LEFT HEART SYNDROME AFTER RIGHT VENTRICLE-TO-PULMONARY ARTERY SHUNT (RV-PA) AND MODIFIED BLALOCK-TAUSSIG SHUNT (BTS) AT THE FIRST STAGE PALLIATION.
K Januszewska; J Kołcz; T Mroczek; A Stebel; E Malec
Department of Pediatric Cardiac Surgery Collegium Medicum Jagiellonian University Cracow, Cracow, Poland

LOW CEREBRAL OXYGEN SATURATION PERSISTS POSTOPERATIVELY IN INFANTS WITH SINGLE VENTRICLE PHYSIOLOGY
K N Fenton; K Glogowski; D Felix; K F Duncan
Childrens Hospital Omaha NE, Omaha, United States

MODIFIED WILLIAMS’ TECHNIQUE FOR HIGH PARTIAL ANOMALOUS VENOUS CONNECTION TO THE SUPERIOR VENA CAVA
**AUTOGRAFT DILATATION AFTER THE ROSS PROCEDURE: WHAT ARE THE CONSEQUENCES?**

W Daenen; L Mertens; B Eyskens; D Boshoff; M Gewillig; B Meyns

*University Hospital Gasthuisberg Leuven, Leuven, Belgium*

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**ATRIAL NATRIURETIC PEPTIDE INFUSION DURING CARDIAC OPERATIONS FOR PEDIATRIC PATIENTS**

H Shimpo; A Shimamoto; K Yokoyama; Y Sawada; M Kajimoto; S Takabayashi; K Onoda; T Shimono

*Mie University Graduate School of Medicine, Tsu, Japan*

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**PREVENTION OF MEDIASTITIS USING ONLY ALCOHOL SKIN PREP AND IOBAN (TM) PLASTIC WRAPPING OF ALL SURGICAL SITES, INCLUDING CIRCUMFERENTIAL LEG WRAPPING: A TEN YEAR, TWO INSTITUTION EXPERIENCE**

S Gundry; W Ehrman

*1 The International Heart and Lung Institute, Palm Springs, CA, United States; 2 Loma Linda University Medical Center, Loma Linda, CA, United States*

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**USE OF GELATINE POWDER ADDED TO RIFAMYCIN VERSUS BONE WAX IN STERNAL WOUND HAEMOSTASIS AFTER CARDIAC SURGERY**

R M Ragusa; G F Faggian; A Rungatscher; D Cugola; A Marcon; A Mazzucco

*Division of Cardiovascular Surgery University of Verona Medical School, Verona, Italy*

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**A CONCLUSION FROM THE FIRST 100 PATIENTS TREATED WITH THE VAC SYSTEM FOR STERNAL WOUND INFECTION: EARLY RECOGNITION AND TREATMENT PRESERVES THE STERNAL BONE**

T Fleck; R Moidl; P Giovanoli; A Bartunek; A Blacky; E Wolner

*1 Dept Cardiothoracic Surgery AKH Vienna, Vienna, Austria; 2 Dept Cardiothoracic and Vascular Anesthesia AKH Vienna, Vienna, Austria; 3 Dept Plastic Reconstructive Surgery AKH Vienna, Vienna, Austria; 4 Dept Microbiology AKH Vienna, Vienna, Austria*

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**STERNAL CLOSURE WITH TITANIUM PLATE**
FIXATION – A PARADIGM SHIFT IN PREVENTING MEDIASTINITIS
J Raman; D H Song; R Lohmann; G Bolotin; V Jeevanandam
University of Chicago Medical Center, Chicago, IL, United States

VACUUM ASSISTED CLOSURE SYSTEM WITH DIRECT CONTACT TO NATIVE ARTERIES AND/OR VASCULAR GRAFTS TO IMPROVE THE OUTCOME OF PERIVASCULAR INFECTION
D Mayer¹; M Enzler²; R Inderbitzi²; H Schuster¹; M Wilhelm¹; M Genoni¹; M Lachat¹
¹Cardiovascular Surgery Zurich University Hospital, Zürich, Switzerland; ²Vascular Center Hirslanden Zurich, Zürich, Switzerland

OCCLUSION OF THE MIDDLE CARDIAC VEIN DURING RETROGRADE CARDIOPLEGIA DELIVERY IMPROVES MYOCARDIAL PROTECTION
A Cerillo; S Storti; D Haxhiademi; A Baroni; P Del Sarto; P Farneti; A Clerico; M Glauber
Cardiac Surgery Unit G Pasquiniuzzi Hospital IFC CNR Massa, Massa, Italy

DIRECT INTRAMYOCARDIAL INJECTIONS USING HIGH CELL COUNT OF AUTOLOGOUS BONE MARROW STEM CELLS AS A SOLE THERAPY FOR SEVERELY ISCHAEMIC HEART DISEASE - BEYOND ONE YEAR
I JAAFAR¹; R HATTORI¹; A YAKUB¹; N M NAZERI¹; M HASSAN¹; R ALI¹; K M CHANG²; R HASSAN²
¹National Heart Institute, Kuala Lumpur, Malaysia; ²Kuala Lumpur Hospital, Kuala Lumpur, Malaysia

BRAIN NATRIURETIC PEPTIDE (BNP) IMPROVES CARDIAC FUNCTION AFTER CARDIAC OPERATIONS WITHOUT SUPPORT OF CATECHOLAMINES
D H Bail; V Steger; U Heinzelmann; S Schiller; B Brüllmann; A Geim; G Zieme
Dept of Thoracic Cardiac and Vascular Surgery University Tuebingen, Tuebingen, Germany

MINIMISATION OF ATRIAL FIBRILLATION RATES BY AVOIDANCE OF MEDIASTINAL CHEST DRAINS AFTER CORONARY ARTERY BYPASS GRAFTING
A Momin; S Kapetanakis; R Deshpande; J Desai
Cardiothoracic Department Kings College Hospital London, London, United Kingdom

A RANDOMIZED TRIAL OF AUTOMATED VERSUS CONVENTIONAL PROTOCOL-DRIVEN WEANING FROM MECHANICAL VENTILATION FOLLOWING CORONARY ARTERY BYPASS SURGERY

PERIOPERATIVE FUNCTIONAL CHANGES IN CEREBRAL ACTIVITY CORRELATE WITH MICROEMBOLIC LOAD DURING CARDIAC SURGERY
Y Abu-Omar¹; B Choudhary¹; M Z Cader¹; P M Matthews²; D P Taggart¹
¹John Radcliffe Hospital, Oxford, United Kingdom; ²FMRIB centre University of Oxford, Oxford, United Kingdom

OPVAC VS OCTOPUS: PROSPECTIVE RANDOMIZED COMPARISON OF CLINICAL PERFORMANCE OF OFF-PUMP CABG STABILIZER PLATFORMS
Y Van Nelleghem; T Bove; G Van Nooten
University of Gent, Gent, Belgium

ABO-INCOMPATIBLE CARDIAC TRANSPLANTATION IN YOUNG INFANTS
H Mair; B Reichart; M Schmöckel; I Kaczmarek; F Christ; U Roemer; S Daebritz
University of Munich, Munich, Germany

DECREASE OF LYMPHATIC AND CAPILLARY VESSEL DENSITY IN HUMAN HEART TRANSPLANT RECIPIENTS
H J Geissler¹; A Dashkevich¹; U M Fischer¹; J W Fries²; K Hekmat¹; F Kuhn-Régnier¹; W Bloch³; U Mehlhorn¹
¹Department of Cardiothoracic Surgery University of Cologne, Cologne, Germany; ²Department of Pathology University of Cologne, Cologne, Germany; ³Cellular and Molecular Circulatory Physiology German Sports University Cologne, Cologne, Germany

NON-INVASIVE DIAGNOSIS OF CARDIAC ALLOGRAFT VASCULOPATHY BY 31P MAGNETIC RESONANCE CHEMICAL SHIFT IMAGING.
T Caus¹; F Kober²; P Marin Belles¹; A Mouly Bandini¹; J Quillici³; D Metras¹; P Cozzone²; M Bernard²
¹Service de Chirurgie Cardiaque CHU Timone Marseille, Marseille, France; ²CRMBM UMR CNRS Fac Med Timone Marseille, Marseille, France; ³Service de Cardiologie Interventionnelle CHU Timone Marseille, Marseille, France
4 INFLUENCE OF DONOR INOTROPES AND VASOPRESSOR ON RECIPIENT OUTCOME AFTER HEART TRANSPLANTATION
S Datta; N Yonan
Wythenshawe Hospital, Manchester, United Kingdom

5 ASSESSMENT OF DENDRITIC CELL FUNCTION TO PREDICT IMMUNOSUPPRESSION AFTER HEART TRANSPLANTATION
M J Barten
University Leipzig Department of Cardiac Surgery Heart Center Leipzig, Leipzig, Germany

6 T-CELL CYTOKINE PRODUCTION IN PERIPHERAL BLOOD AN INDICATOR OF IMMUNOSUPPRESSION
M J Barten; A Rahmel; J Garbade; H B Bittner; F W Mohr; J F Gummert
University Leipzig Department of Cardiac Surgery Heart Center Leipzig, Leipzig, Germany

7 EARLY GROWTH-RESPONSE FACTOR-1 SPECIFICALLY MEDIATES CELLULAR INJURY IN CARDIAC GRAFTS TRANSPLANTED TO PATIENTS WITH DILATED CARDIOMYOPATHY
S Aharinejad; R Schäfer; P Paulus; K Krenn; A Zuckermann; M Grimm
Medical University of Vienna, Vienna, Austria

8 ALVEOLAR MICROCIRCULATION AFTER LUNG TRANSPLANTATION WITH DIFFERENT PRESERVATION SOLUTIONS ASSESSED BY OPSIMAGING
M Kamler¹; V Milekhin¹; N Pizanis¹; P Massoudy¹; R Maykan¹; H Jakob¹
¹Department of Thoracic and Cardiovascular Surgery West German Heart Center Essen University hospital Essen, Essen, Germany; ²Pfizer Global Research and Development, Sandwich in Kent, United Kingdom

9 SILDENAFIL EXTENDS GRAFT SURVIVAL IN A LARGE ANIMAL LUNG TRANSPLANTATION MODEL
S Korom; S Hillinger; M Cardell; W Zhai; Q Tan; W Weder
Thoracic Surgery University Hospital Zurich, Zurich, Switzerland

10 PREOPERATIVE ORAL CORTICOSTEROIDS PREDICT THE RISK OF LATE POSTOPERATIVE BLEEDING AND PERIOPERATIVE MORTALITY IN LUNG TRANSPLANTATION
S Semsroth¹; E Ruttmann-Ulmer¹; C Geltner²; H Hangler¹; G Laufer¹; L Mueller¹
¹Department of Cardiac Surgery Medical University Innsbruck, Innsbruck, Austria; ²Department of Pneumology Natters
A Hospital, Austria

11 APROTININ DECREASES REPERFUSION INJURY AND ALLOGRAFT DYSFUNCTION IN CLINICAL LUNG TRANSPLANTATION.
H B Bittner1; M Richter1; T Kuntze1; A Rahmel1; P Dahlberg2; M I Hertz2; F W Mohr1
1Heartcenter Leipzig of the University of Leipzig, Leipzig, Germany; 2Pulmonary Transplantation of the University of Minnesota in Minneapolis, Minneapolis, United States

12 APPLICATION OF PHOSPHODIESTERASE V INHIBITOR MODIFIED PRESERVATION IMPROVES OXYGENATION IN A 24H ISCHEMIA LUNG TRANSPLANTATION MODEL.
N Pizanis; M Kamler; V Milekhin; I Aleksic; K Kaiser; T Ley; H Jakob
Department of Thoracic and Cardiovascular Surgery West German Heart Center Essen University Hospital of Essen, Essen, Germany

Tuesday, 27 September, 2005

17:30 - 18:00 ESTS GENERAL ASSEMBLY
Room 114

Wednesday, 28 September, 2005

08:30 - 10:00 Session 29 - Congenital & Thoracic - Film
Room 111
Chairman: S Halezeroglu - M Murtra

1 VALVULOPLASTY OF CONGENITAL TRICUSPID REGURGITATION
W Kim
Seoul National University Children Hospital, Seoul, Korea (South)

2 HALF-TURNED TRUNCAL SWITCH OPERATION FOR TGA WITH VSD AND PS
M Yamagishi; K Shunoto; T Shinkawa; T Miyazaki; T Hisaoka; K Koushi
Kyoto Prefectural University of Medicine, Kyoto, Japan

3 ONE-STAGE REPAIR OF TAUSIG-BING ANOMALY AND COARCTATION OF THE AORTA; CORONARY TRANSFER USING AORTOCORONARY FLAP
S Sung
Pusan National University Hospital, Pusan, Korea (South)

4 THE COMBINED ATRIAL AND ARTERIAL SWITCH OPERATION FOR HEARTS WITH CONCORDANT CONNECTIONS AND DYSFUNCTIONAL LEFT VENTRICLE
W J Brawn; A R Hosseinpour; M Amanullah; I R Rammarine; O
5 REPAIR OF ANOMALOUS LEFT CORONARY ARTERY FROM THE PULMONARY ARTERY
E Kocyildirim; B Reemtsen; M Ozkan; V T Tsang
Great Ormond Street Hospital for Children NHS Trust London, London, United Kingdom

6 TECHNIQUES OF INTRAOPERATIVE ASSESSMENT OF THE G-EJ POSITION AND MANAGEMENT OF FORESHORTENED ESOPHAGUS IN GERD
A Ruffato; F D'Ovidio; M Di Simone; V Pilotti; L Ferruzzi; S Mattioli
Division of Esophageal and Pulmonary Surgery Villa Maria Cecilia and San Pier Damiano Hospitals University of Bologna Italy, Bologna, Italy

7 BILATERAL SEQUENTIAL LUNG TRANSPLANTATION FOR PULMONARY HYPERTENSION
C K Choong; B F Meyers; G A Patterson
Washington University School of Medicine in Saint Louis, Saint Louis, MO, United States

8 TRANSCERVICAL-SUBXIPHOID VATS MAXIMAL THYMECTOMY
M Zieliński; T Nabiałek; J Kuźdżał; & Hauer; A Szlubowski
Department of Thoracic Surgery Pulmonary Hospital Zakopane, Zakopane, Poland

9 PEDIATRIC TRACHEAL REPAIR WITH AUTOLOGOUS CARTILAGE AND PERICARDIUM
M Hazekamp; D Koolbergen; A Konig-Jung
1Academic Medical Center Amsterdam, Amsterdam, Netherlands; 2Leiden University Medical Center, Leiden, Netherlands

Wednesday, 28 September, 2005

08:30 - 10:15 Session 30 - Coronary & Valves - Formu
Room 116/117 Chairman: R Dion - R Lorusso

1 HOW TO DETERMINE THE IDEAL SIZE FOR AN ANNULAR PROSTHESIS: AN ECHO-BASED APPROACH
F Maisano; A Blasio; G Calori; A Verzini; G Vigno; L Arcobasso; G La Canna; O Alfieri
San Raffaele Scientific Institute, Milan, Italy

2 MIDTERM UPDATE ON STENTLESS MITAL VALVE REPLACEMENT IN PREDOMINANTLY YOUNG RHEUMATIC PATIENTS
Z Al Halees; M Al Shahid; M Al Amri; A Al Sanei; F Abdoun
King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia
3 ROSS PROCEDURE IN RHEUMATIC AORTIC VALVE DISEASE
A Sampath Kumar; S Talwar; A Saxena; R Singh
All India Institute of Medical Sciences, New Delhi, India

4 PATIENT PROSTHESIS MISMATCH AFFECTS SHORT-AND LONG-TERM OUTCOME AFTER AORTIC VALVE REPLACEMENT
T Walthier; J F Gummert; V Falk; S Lehmann; J Garbade; A Rastan; N Doll; F W Mohr
Heartcenter Leipzig, Leipzig, Germany

5 MITRAL VALVE REPAIR ROBOTIC VS STERNOTOMY
T A Folliguet; Z Konstantinos; M Reali; F Laborde
Institut Mutualiste Montsouris, Paris, France

6 CHORDAL REPLACEMENT IN MINIMALLY INVASIVE VERSUS CONVENTIONAL MITRAL VALVE REPAIR
P S Risteski; T Aybek; U Abdel-Rahman; O Dzemali; P Therapidis; S Dogan; A Moritz
Department of Thoracic and Cardiovascular Surgery at Johann Wolfgang Goethe University, Frankfurt, Germany

7 THE CARPENTIER-EDWARDS PERIMOUNT MAGNA AORTIC PERICARDIAL BIOPROSTHESIS: A NEW DESIGN WITH AN IMPROVED HEMODYNAMIC PERFORMANCE.
M Dalmau1; J González-Santos1; J López-Rodríguez1; A Arribas2; F Nieto2
1Department of Cardiac Surgery Salamanca University Hospital Salamanca, Salamanca, Spain; 2Department of Cardiology Salamanca University Hospital Salamanca, Salamanca, Spain

8 EVALUATION OF HEMODYNAMIC DATA IN PATIENTS WITH AORTIC REGURGITATION BY MRI AND CORRELATION WITH THE LEFT VENTRICULAR FUNCTION
T Wittlinger1; F Oezaslan1; P Kalden2; A Moritz1
1Dep Thoracic and Cardiovascular Surgery University Hospital Frankfurt, Frankfurt, Germany; 2Dep of Radiology University Hospital Mainz, Mainz, Germany

9 VALSALVA PROSTHESIS IN AORTIC VALVE-SPARING OPERATIONS: OUR EXPERIENCE
R Di Bartolomeo1; D Pacini1; A Loforte1; S Martin-Suarez1; A Dell’Amore1; M Ferlito2; G Bracchetti2; G Bozzetti3
1Department of Cardiac Surgery University of Bologna, Bologna, Italy; 2Department of Cardiology University of Bologna, Bologna, Italy; 3Department of Cardiac Anesthesiology University of Bologna, Bologna, Italy

10 AORTIC VALVE REPLACEMENT WITH BIOLOGICAL VALVES IS SUPERIOR TO MECHANICAL VALVES
WITH REGARD TO HEMODYNAMICS AND LEFT VENTRICULAR MASS REGRESSION
R Seitelberger\textsuperscript{1}; J Bialy\textsuperscript{1}; S Lehr\textsuperscript{2}; E Wolner\textsuperscript{1}; R Gottardi\textsuperscript{1}
\textsuperscript{1}Department of Cardiothoracic Surgery Medical University Vienna, Vienna, Austria; \textsuperscript{2}Department of Medical Computer Sciences Medical University Vienna, Vienna, Austria

Wednesday, 28 September, 2005

08:30 - 10:30
Session 31 - Thoracic Non-Oncology - Interactive
Room 114
Chairman: L Molins - R Schmid

1 GUSTATORY SWEATING FOLLOWING THORACOSCOPIC SYMPHATHECTOMY
P B Licht; H K Pilegaard
Department of Cardiothoracic Surgery Aarhus University Hospital Aarhus, Aarhus, Denmark

2 THE COMPARISON OF LIMITED SYMPATHETIC SURGERY (T3 VERSUS T4 CLIPPING) IN PALMAR HYPERHIDROSIS
J Hwang\textsuperscript{1}; B Choi\textsuperscript{2}; E Joun\textsuperscript{1}; D Lee\textsuperscript{1}; H Paik\textsuperscript{1}
\textsuperscript{1}Yongdong Severance Hospital, Seoul, Korea (South); \textsuperscript{2}Seiyeon Neuropain Clinic, Seoul, Korea (South)

3 EARLY REMOVAL OF CHEST DRAINAGE AFTER VIDEOTHORACOSCOPIC SURGICAL LUNG BIOPSY
L Molins; J Perez; J J Fibla; C Simon; G Vidal
Thoracic Surgery Department Sagrat Cor University Hospital Barcelona, Barcelona, Spain

4 THORACOSCOPIC PLEURAL ARGON BEAM COAGULATION VS PLEURAL ABRASION IN THE TREATMENT OF PRIMARY SPONTANEOUS PNEUMOTHORAX
A Bobbio\textsuperscript{1}; L Ampollini\textsuperscript{1}; E Internullo\textsuperscript{1}; D Caporale\textsuperscript{1}; L Cattelani\textsuperscript{1}; S Bettati\textsuperscript{2}; P Carbognani\textsuperscript{1}; M Rusca\textsuperscript{1}
\textsuperscript{1}Unit of Thoracic Surgery University of Parma, Parma, Italy; \textsuperscript{2}Departement of Public Health University of Parma, Parma, Italy

5 LONG-TERM FOLLOW-UP OF VAT SURGERY FOR PRIMARY SPONTANEOUS PNEUMOTHORAX.
S A Stamenkovic; C Parkin; W Walker
Department of Thoracic Surgery New Royal Infirmary of Edinburgh, Edinburgh, United Kingdom

6 EFFECT AND DURATION OF LUNG VOLUME REDUCTION SURGERY: MID TERM RESULTS OF A RANDOMIZED TRIAL
E Lim\textsuperscript{1}; A Ali\textsuperscript{1}; N Cartwright\textsuperscript{1}; I Souza\textsuperscript{2}; A Chetwynd\textsuperscript{2}; J Pepper\textsuperscript{1}; P Diggle\textsuperscript{1}; P Goldstraw\textsuperscript{1}
\textsuperscript{1}Royal Brompton Hospital, London, United
7 COMPARISON OF RESULTS OF EXTENDED TRANSSTERNAL AND TRANSCERVICAL-SUBXIPHOID-VATS MAXIMAL THYMECTOMIES FOR MYASTHENIA GRAVIS
M Zieliński; J Kużdżal; T Nabiałek; & Hauer; A Szlubowski
Department of Thoracic Surgery Pulmonary Hospital Zakopane, Poland

8 CARDIAC FUNCTION BEFORE AND AFTER SURGICAL CORRECTION OF PECTUS EXCAVATUM
T Krueger1; L Magnusson2; M Christodoulou1; H B Ris1; P G Chassot2
1Thoracic Surgery Service University Hospital Lausanne, Lausanne, Switzerland; 2Department of Anesthesiology University Hospital Lausanne, Lausanne, Switzerland

9 MODIFIED TECHNIQUES IN NUSS PROCEDURE: TO EXPAND COVERAGE TO A FULL SPECTRUM OF PECTUS EXCAVATUM.
H Park; S Lee; W Jang; S Lee; C Lee; W Youm
SCH University Chunan Hospital, Chunan, Korea (South)

10 USE OF AN ELECTROTHERMAL BIPOLAR TISSUE SEALING SYSTEM IN LUNG SURGERY
M Santini1; G Vicidomini1; A Baldi2; G Gallo1; P Laperuta1; L Busiello1; M P Di Marino2; V Pastore1
1Department of Thoracic Surgery Second University of Naples, Naples, Italy; 2Department of Biochemistry and Biophysic Section of Pathology Second University of Naples, Naples, Italy

11 RESULTS OF SURGICAL TREATMENT OF BENIGN AND MALIGNANT LARYNGOTRACHEAL STENOSIS
P Zannini; A Carretta; G Melloni; M Casiraghi; P Ciriacò; A Puglisi; L Ferla; C Voci
Department of Thoracic Surgery VitaSalute University Scientific Institute H San Raffaele, Milan, Italy

12 MANAGEMENT OF PENETRATING THORACIC INJURIES: ANALYSIS OF 3019 CASES
M Dakak; A I Uzar; O Genc; S Gurkok; A Gozubuyuk; O Yucel; K Oner; D Sen
Gulhane Military Medical Academy, Ankara, Turkey

Wednesday, 28 September, 2005
08:30 - 10:30 Session 32 - Thoracic Vascular - Interactive
Room 113 Chairman: A Haverich - Y Okita

1 OUTCOME OF MODIFIED SURGICAL PULMONARY EMBOLECTOMY IN PATIENTS WITH PREOPERATIVE CARDIOPULMONARY RESUSCITATION
I Aleksic1; B Osswald2; M Kamler1; J A Piotrowski1; P
1Department of Thoracic and Cardiovascular Surgery West German Heart Center Essen University Hospital Essen, Essen, Germany; 2Department of Cardiac Surgery Ruprecht Karls University Heidelberg, Heidelberg, Germany

2 IMPACT OF MODIFIED ULTRAFILTRATION ON PULMONARY ENDARTERECTOMY FOR CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION
H Ogino; H Matsuda; K Minatoya; H Sasaki; N Nakanishi; S Kyotani; H Imanaka; S Kitamura
National Cardiovascular Center, Suita, Japan

3 ROLE AND RESULTS OF SURGERY IN ACUTE TYPE B AORTIC DISSECTION
S Trimarchi1; C A Nienaber5; V Rampoldi1; T Myrmel3; M Deeb2; E M Isselbacher6; T Sundt4; K A Eagle2
1Policlinico San Donato, Milan, Italy; 2University of Michigan Coordinating Center for IRAD, Ann Arbor, MI, United States; 3Tromso University Hospital, Tromso, Norway; 4Mayo Clinic, Rochester, MN, United States; 5University of Rostock, Rostock, Germany; 6Massachusetts General Hospital, Boston, MA, United States

4 MALPERFUSION SYNDROME DOES AFFECT EARLY AND MID-TERM OUTCOME IN PATIENTS SUFFERING FROM ACUTE TYPE A AORTIC DISSECTION SYNDROME
F F Immer; V Grobéty; A Lauten; P A Berdat; F S Eckstein; T P Carrel
Department of Cardiovascular Surgery Berne, Berne, Switzerland

5 EXPERIMENTAL STENT-GRAFT TREATMENT OF ASCENDING AORTIC DISSECTIONS
D Zimpfer1; P Simon1; M Czerny1; M Kasimir1; H Schima2; E Wolner1; M Grimm1; M Ehrlich1
1Dept of Cardiothoracic Surgery Medical University Vienna, Vienna, Austria; 2Dept of Biomedical Engeneering Medical University Vienna, Vienna, Austria

6 ENDOVASCULAR STENT GRAFTING FOR THORACIC AORTIC PATHOLOGY: MID-TERM RESULTS IN 105 CONSECUTIVE PATIENTS
R H Heijmen; A Kaya; T T Overtoom; W J Morshuis; J Vos; M A Schepens
St Antonius Hospital Nieuwegein, Nieuwegein, Netherlands

7 MODE OF REPAIR FOR POST TRAUMATIC AORTIC RUPTURES HAS NO IMPACT ON EARLY RESULTS.
T Caus2; F Immer1; R Ayari2; J Schmidli1; P Magnan2; T Carrel1
1Universitatsspitäl Bern, Bern, Switzerland; 2Timone University Hospital, Marseille, France
AORTIC ARCH SURGERY: THORACOABDOMINAL PERFUSION DURING SELECTIVE ANTEGRADE CEREBRAL PERFUSION REDUCES POSTOPERATIVE MORBIDITY
M Scardone; G Romano; A Della Corte; C Amarelli; L S De Santo; A Biondi; M De Feo; M Cotrufo

Department of Cardiothoracic Surgery Second University of Naples, Naples, Italy; Department of Cardiovascular Surgery and Transplant V Monaldi Hospital Naples, Naples, Italy

RECONSTRUCTION OF THE INTERCOSTAL ARTERIES WITH SMALL BRANCHED GRAFTS IN PATIENTS WITH THORACOABDOMINAL OR DESCENDING AORTIC ANEURYSMS
Y Okita; Y Kawanishi; T Yamashita; Y Morimoto; A Maruo; M Matsumori; T Ota; K Okada
Kobe University, Kobe, Japan

THE USEFULNESS OF THE TRANS-CRANIAL MOTOR EVOKED POTENTIAL MONITORING DURING THORACOABDOMINAL AORTIC ANEURYSM
Y KAWANISHI; A MARUO; Y MORIMOTO; T YAMASHITA; K OKADA; Y OKITA
Department of Cardiovascular Surgery Kobe University, Kobe, Japan

RISK, MANAGEMENT AND OUTCOME OF ACUTE AND CHRONIC AORTIC DISSECTIONS FOLLOWING cardiology SURGERY
O Stanger; T Schachner; P Oberwalder; J Bonatti; I Knez; G Laufer; F Unger; B Rigler

University Clinic of Cardiac Surgery Private Medical University Salzburg, Salzburg, Austria; University of Graz Medical School Department of Cardiac Surgery, Graz, Austria; University of Innsbruck Medical School Department of Cardiac Surgery, Innsbruck, Austria

Wednesday, 28 September, 2005

08:30 - 10:30 Session 33 - Arrhythmia / Cardiac General - Interactive
Room 115 Chairman: K Bando - K Khargi

1 A BIOPHYSICAL MODEL OF ATRIAL FIBRILLATION TO DEFINE THE APPROPRIATE ABLATION PATTERN IN MODIFIED MAZE.
L Dang; J Schlaepfer; N Virag; L Kappenberger; P Ruchat
University Hospital Lausanne, Lausanne, Switzerland; Swiss Federal Institute of Technology Lausanne, Lausanne, Switzerland

2 ADJUVANT SURGERY FOR AF STUDY (ASAF-STUDY): HOSPITAL OUTCOME AFTER ADJUVANT EPICARDIAL PULMONARY VEIN ISOLATION FOR ATRIAL FIBRILLATION.
R E Accord; J Nijs; G Mastrigt; T van Brakel; J Maessen
Department of Cardiothoracic Surgery at the University Hospital Maastricht, Maastricht, Netherlands

LEFT ATRIAL CONTRACTILITY AFTER RADIOFREQUENCY ABLATION FOR CONTINUOUS ATRIAL FIBRILLATION DURING MITRAL VALVE REPAIR
G Doukas; C Alexiou; M Oc; P Varghese; T Spyt
Department of Cardiac Surgery Glenfield Hospital University Hospitals of Leicester NHS Trust, Leicester, United Kingdom

LEFT ATRIAL VOLUME REDUCTION AND CONFINEMENT CRYOABLATION - COX MAZE PROCEDURE: EXTENDED INDICATIONS FOR ATRIAL FIBRILLATION SURGERY WITH LESS INVASIVENESS
A Marui; N Ohno; T Nishina; K Tambara; Y Saji; M Nishioka; T Ikeda; M Komeda
Department of Cardiovascular Surgery Kyoto University Graduate School of Medicine, Kyoto, Japan

BISOPROLOL PLUS MAGNESIUM PREVENTS POST-CABG ATRIAL FIBRILLATION: RESULTS OF A RANDOMIZED CLINICAL TRIAL
S Behmanesh¹; P Tossios¹; H Homedan¹; M Südkamp¹; K Hekmat¹; M Hellmich²; R H Schwing³; U Mehlhorn¹
¹Department of Cardiothoracic Surgery University of Cologne, Cologne, Germany; ²Department for Medical Statistics Informatics and Epidemiology University of Cologne, Cologne, Germany; ³Department of Cardiology University of Cologne, Cologne, Germany

RESULTS OF SURGERY FOR ATRIAL FIBRILATION: THE RAFS REGISTRY EXPERIENCE
J Q Melo
RAFS Registry Group on Behalf of Ten Centers, Carnaxide, Portugal

ASSESSMENT OF ORGAN DYSFUNCTION IN ICU CARDIAC SURGICAL PATIENTS.
K Hekmat¹; A Kroener¹; S Kampe²; R H Schwing³; U M Fischer¹; H J Geissler¹; G B Bennink¹; U Mehlhorn¹
¹Department of Cardiothoracic Surgery University of Cologne, Cologne, Germany; ²Department of Anesthesiology University of Cologne, Cologne, Germany; ³Department of Cardiology University of Cologne, Cologne, Germany

RISK STRATIFICATION MODELS FAIL TO PREDICT HOSPITAL COSTS OF CARDIAC SURGERY PATIENTS.
K Hekmat¹; A Kroener¹; U Fischer¹; G B Bennink¹; R H Schwing²; H J Geissler¹; A Nemat¹; U Mehlhorn¹
¹Department of Cardiothoracic Surgery University of Cologne,
Cologne, Germany: ¹Department of Cardiology University of Cologne, Cologne, Germany

9 RISK OF FATAL LOW CARDIAC OUTPUT CAN BE CALCULATED PRE-OPERATIVELY FOR ALL ADULT CARDIAC SURGICAL PATIENTS
S Ghotkar
Cardiothoracic Centre Liverpool, Liverpool, United Kingdom

10 BAYES MODELS FOR PREDICTING RISK IN CABG PATIENTS: COMPARISON WITH OTHER RISK MODELS.
R García-Fuster; J A Montero; O Gil; F Hornero; S J Canovas; M Bueno; J A Buendía; V Estevez
University General Hospital of Valencia, Valencia, Spain

11 READMISSION TO INTENSIVE CARE FOLLOWING CARDIAC SURGERY: RISK FACTORS, CAUSE, AND PROGNOSIS
V Aerra; R Warwick; P Mishra; A Grayson; N Scawn; M Pullan
The Cardiothoracic Centre, Liverpool, United Kingdom

12 CURRENT DETERMINANTS OF OPERATIVE MORTALITY IN 2204 AORTIC VALVE REPLACEMENTS: IMPACT OF LABORATORY PARAMETERS.
J Ennker; A Albert; U Rosendahl; S Bauer; I C Ennker; I Florath
Heart Institute Lahr, Lahr, Germany

Wednesday, 28 September, 2005

10:30 - 12:00 Session 34 - Cardiac - Film
Room 111 Chairman: L Bockeria - G Zund

1 TREATMENT OF LONE ATRIAL FIBRILLATION WITH A RIGHT THORACOSCOPIC APPROACH
M La Meir
UCL Mont Godinne, Yvoir, Belgium

2 IMPLANTATION OF A CARDIAC SUPPORT DEVICE BY THE ‘PARACHUTE-LIKE’ TECHNIQUE THROUGH STEternal AND TRANS-ABDOMINAL APPROACH.
L Labrousse¹; N U Patel²; J Guibaud¹; X Roques¹; V A Subramanian²; C Deville¹
¹Hopital Haut Leveque Bordeaux University Hospital, Pessac, France; ²Lenox Hill Hospital New York, New York, NY, United States

3 ENDOSCOPIC RADIAL ARTERY HARVESTING THROUGH A SINGLE 3CM INCISION
S Bleiziffer; P Libera; R Lange
German Heart Center Munich, Munich, Germany

4 RECONSTRUCTION OF A BICUSPID AORTIC VALVE
H F Lausberg; H Schäfers
Dept of Thoracic and Cardiovascular Surgery University Hospitals of the Saarland, Homburg/Saar, Germany

5 THE UPSIDE/DOWN TECHNIQUE: AN ALTERNATIVE METHOD TO TREAT MITRAL POSTERIOR LEAFLET PROLAPSE
F Maisano; O Alfieri
San Raffaele Scientific Institute, Milano, Italy

6 ALLOGRAFT REPLACEMENT OF THE LEFT ATRIUM FOR TUMOR INFILTRATION OF THE PULMONARY VEINS - LEFT ATRIUM JUNCTION.
M Malyshev; A Safuanov; I Gladyshev; D Siniukov; D Borovikov; A Malyshev; V Trushyna; N Rostovyk
Centre of Cardiac Surgery of Railroad Clinical Hospital Chelybinsk, Chelyabinsck, Russian Federation

7 SINGLE-STAGE REPLACEMENT OF THE ENTIRE THORACIC AORTA
A Z Apaydin¹; H Posacioglu¹; F Z Askar²; I Durmaz¹
¹Ege University Medical School Department of Cardiovascular Surgery, Izmir, Turkey; ²Ege University Medical School Department of Anesthesiology, Izmir, Turkey

8 REPAIR OF RHEUMATIC AORTIC AND MITRAL VALVES (A DIGITAL VIDEO PRESENTATION)
A Sampath Kumar
All India Institute of Medical Sciences, Ansari Nagar, India

9 EXCISION OF LEFT ATRIAL (LA) MYXOMA (A DIGITAL VIDEO PRESENTATION)
A Sampath Kumar
All India Institute of Medical Sciences, Ansari Nagar, India

Wednesday, 28 September, 2005

10:30 - 12:40 Session 35 - Coronary - Forum
Room 116/117 Chairman: C Muneretto - J Roquette

1 INTRAOPERATIVE ANGIOGRAPHY FOR QUALITY CONTROL IN TOTAL ARTERIAL CABG WITH LEFT INTERNAL THORACIC AND RADIAL ARTERY T-GRAFT
M L Shrestha; C Bara; H Kamiya; A Martens; C Hagl; T Kofidis; A Haverich; U Klima
Division of Thoracic and Cardiovascular Surgery Hanover Medical School, Hanover, Germany

2 CORONARY ARTERY BYPASS GRAFTING IN ACUTE CORONARY SYNDROMES: MANAGEMENT AND CLINICAL OUTCOME OF PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION
M Thielmann; P Massoudy; G Marggraf; I Aleksic; M Kamler; U
3 PREOPERATIVE INTRA-AORTIC BALLOON PUMPS IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING: A META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS
M L Field\textsuperscript{1}; A Rengarajan\textsuperscript{3}; O Khan\textsuperscript{3}; T Spyt\textsuperscript{2}; D Richens\textsuperscript{3}
\textsuperscript{1}The Cardiothoracic Centre, Liverpool, United Kingdom; \textsuperscript{2}Glenfield Hospital, Leicester, United Kingdom; \textsuperscript{3}Nottingham City Hospital, Nottingham, United Kingdom

4 A NEW SURGERY FOR DIFFUSE CORONARY DISEASE, “BIO-CABG” MAY WORK BY THE INTERACTION OF MULTIPLE ANGIGENIC FACTORS FROM THE OMENTAL FLAP.
K Takaba\textsuperscript{1}; S Nemoto\textsuperscript{1}; Y Saji\textsuperscript{1}; K Miyashita\textsuperscript{2}; H Itoh\textsuperscript{2}; T Ikeda\textsuperscript{2}; Y Tabata\textsuperscript{1}; M Komeda\textsuperscript{1}
\textsuperscript{1}Department of Cardiovascular Surgery Kyoto University, Kyoto, Japan; \textsuperscript{2}Department of Medicine and Clinical Science Kyoto University, Kyoto, Japan; \textsuperscript{3}Institute for Frontier Medical Science Kyoto University, Kyoto, Japan

5 METHODS AND CLINICAL IMPORTANTS OF DIFFERENT MRI TECHNIQUES IN THE EVALUATION OF CORONARY ARTERY BYPASS GRAFT PATENCY
T Wittlinger\textsuperscript{1}; F Oezaslan\textsuperscript{1}; P Kalden\textsuperscript{2}; A Moritz\textsuperscript{1}
\textsuperscript{1}University Hospital Frankfurt, Frankfurt, Germany; \textsuperscript{2}University Hospital Mainz, Mainz, Germany

6 DOES BILATERAL ITA-GRAFTING INCREASE PERIOPERATIVE COMPLICATIONS? OUTCOME OF 4459 PATIENTS WITH BILATERAL- VERSUS 4204 PATIENTS WITH SINGLE ITA-BYPASS.
B Gansera; I Angelis; K Wenke; J Weingartner; G Gillrath; B Kemkes
Dept of Cardiovascular Surgery City Hospital Munich Bogenhausen, Munich, Germany

7 PERIVENOUS APPLICATION OF FIBRIN GLUE IN PORCINE SAPHENOUS VEIN-CAROTID ARTERY INTERPOSITION GRAFTS: IMPACT ON MEDIAL THICKENING
S Wan\textsuperscript{1}; A A Arifi\textsuperscript{1}; M C Chan\textsuperscript{1}; J H Yip\textsuperscript{1}; C S Ng\textsuperscript{1}; A P Yim\textsuperscript{1}; J Y Jeremy\textsuperscript{2}
\textsuperscript{1}The Chinese University of Hong Kong, Hong Kong, China; \textsuperscript{2}Bristol Heart Institute, Bristol, United Kingdom

8 PROGNOSTIC VALUE OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN CABG.
R García-Fuster; J Montero; O Gil; F Hornero; S Canovas; J Buendia; I Rodriguez; V Estevez

*University General Hospital of Valencia, Valencia, Spain*

9  **PREVENTION OF ATRIAL FIBRILATION AFTER OPCAB: TEMPORARY BI-ATRIAL EXTERNAL STIMULATION.**

R Milani\(^1\); P Brofman\(^1\); F Maia\(^1\); J Moutinho\(^2\); M Guimarães\(^2\); L Barbosa\(^2\); A Barbosa\(^2\); D Precoma\(^1\)

\(^1\)Pontificia Universidade Catolica do Parana, Curitiba, Brazil; \(^2\)Santa Casa de Misericordia, Curitiba, Brazil

10 **RISK FACTOR AWARENESS AND SECONDARY PREVENTION OF CORONARY ARTERY DISEASE: ARE WE DOING ENOUGH?**

S Karthik; N Tahir; B Thakur; U Nair

*Leeds General Infirmary, Leeds, United Kingdom*

11 **COMPARISON OF SINGLE CENTRE 'IN HOSPITAL' EVENTS BETWEEN OFF PUMP AND ON PUMP CABG.**

P S Venugopal; V kaur; E Brackenbuey; W Walker

*New Royal Infirmary Edinburgh, Edinburgh, United Kingdom*

12 **INFLUENCE OF ELAPSED TIME BETWEEN MYOCARDIAL INFARCTION AND CABG SURGERY ON OPERATIVE MORTALITY**

P Voisine; P Mathieu; D Doyle; J Perron; R Baillot; G Raymond; J Métras; F Dagenais

*Laval Hospital, Ste-Foy, Canada*

13 **EFFECTS OF CELL SAVER AUTOLOGOUS BLOOD TRANSFUSION ON SYSTEMIC INFLAMMATORY RESPONSE AND HOMOLOGOUS BLOOD TRANSFUSION REQUIREMENTS IN PATIENTS UNDERGOING CARDIAC SURGERY ON- VS OFF-CARDIOPULMONARY BYPASS: A RANDOMISED TRIAL**

G Niranjan\(^1\); A George\(^1\); C Gillian\(^2\); M Thompson\(^2\); V Chandrasekaran\(^1\)

\(^1\)Cardiothoracic Surgery St Georges Hospital NHS Trust London, London, United Kingdom; \(^2\)Vascular Surgery St Georges Hospital NHS Trust London, London, United Kingdom

**Wednesday, 28 September, 2005**

10:30 - 12:00  **Session 36 - Mediastinal Staging in Lung Cancer - Interactive**

*Chairman:* J Hasse - R Rami Porta

1 **EBUS-TBNA – A NEW METHOD OF ENDOSCOPIC TRANSPHONCHIAL REAL TIME ULTRASOUND GUIDED BIOPSY FOR DIAGNOSIS OF MEDIASTINAL LYMPHNODES**

M Krasnik\(^1\); F Herth\(^2\); A Ernst\(^3\); R Eberhardt\(^2\); P Vilmann\(^1\)

\(^1\)Gentofte University Hospital, Copenhagen,
2 EBUS GUIDED BIOPSY FOR THE DIAGNOSIS OF MEDIASTINAL LYMPH NODES IN A RADIOLOGICALLY NORMAL MEDIASTINUM
M Krasnik; F Herth; R Eberhardt; P Vilmann; A Ernst
1Gentofte University Hospital, Copenhagen, Denmark; 2Thoraxklinik at University Heidelberg, Heidelberg, Germany; 3Beth Israel Deaconess Medical Center Harvard Medical School, Boston, MA, United States

3 DIAGNOSTIC VALUE OF TRANSBRONCHIAL NEEDLE ASPIRATION IN THE STAGING OF NON-SMALL CELL LUNG CANCER DEPENDING ON LOCALIZATION AND EXTENT OF INVOLVEMENT OF METASTATIC LYMPH NODES
A Szlubowski; R Tomaszewska; M Zieliński; J Kuźdżal; & Hauer
1Department of Thoracic Surgery Pulmonary Hospital, Zakopane, Poland; 2Chair and Department of Clinical and Experimental Pathology Jagiellonian University, Cracow, Poland

4 FEASIBILITY OF IMPRINT CYTOLOGY FOR EVALUATION OF MEDIASTINAL LYMPH NODES IN LUNG CANCER
C Tezel; A Orki; S Urek; A Kosar; A Ersev; C Dudu; B Arman
Heybeliada Chest Disease and Thoracic Surgery Centre, Istanbul, Turkey

5 CAN WE RELY ON INTEGRATED POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY (PET/CT) TO DETERMINE LYMPH NODE STAGING IN NON-SMALL CELL LUNG CANCER?
H J Lee; Y T Kim; C H Kang; S Jheon; S W Sung; J H Kim
Seoul National University, Seoul, Korea (South)

6 NUMBERS OF LYMPH NODES IN MEDIASTINAL STATIONS – LESSONS FROM 117 CONSECUTIVE BILATERAL MEDIASTINAL LYMPHADENECTOMIES
J Kuźdżal; M Zieliński; A Szlubowski; W Sośnicki; B Papla; & Hauer
1Department of Thoracic Surgery Pulmonary Hospital Zakopane, Zakopane, Poland; 2Chair and Department of Clinical and Experimental Pathology Jagiellonian University, Cracow, Poland

7 VIDEO-ASSISTED THORACOSCOPIC SURGERY IN THE MEDIASTINAL STAGING OF LUNG CANCER
F Gonzalez-Aragoneses; N Moreno; C Simon; M Moldes; P Martinez; E Orusco
Gregorio Maranon Hospital, Las Rozas de Madrid, Spain
8 SYSTEMATIC VIDEO-ASSISTED MEDIASTINOSCOPIC LYMPHADENECTOMY (VAMLA) - FEASIBILITY AND ACCURACY
B Witte\(^1\); M Huertgen\(^1\); M Wolf\(^1\); H Toomes\(^2\)
\(^1\)Katholisches Klinikum Koblenz, Koblenz, Germany; \(^2\)Klinik Schillerhoehe Gerlingen, Stuttgart, Germany

9 EXTENDED MEDIASTINOSCOPY: CLINICAL IMPLICATIONS FROM A PERSONAL SERIES OF 76 CASES
M Huertgen\(^1\); B Witte\(^1\); M Wolf\(^1\); H Toomes\(^2\)
\(^1\)Katholisches Klinikum Koblenz Department of Thoracic Surgery, Koblenz, Germany; \(^2\)Klinik Schillerhoehe Gerlingen Department of Thoracic Surgery, Stuttgart, Germany

Wednesday, 28 September, 2005
10:30 - 12:00 Session 37 - Cardiac General - Forum
Room 112 Chairman: J Pirk - T Carrel

1 LOW-DOSE RECOMBINANT ACTIVATED FACTOR VII IN CARDIAC-SURGERY:A RANDOMIZED DOUBLE-MASKED CASE-CONTROL STUDY.
S Gelsomino; S Romagnoli; S Bevilacqua; S Caciolli; C Rostagno; P Stefano
Careggi Hospital, Florence, Italy

2 PROSPECTIVE ASSESSMENT OF INTRAOPERATIVE MEDICAL ERROR DURING CARDIAC SURGERY
D R Wong\(^1\); T J Vander Salm\(^2\); I S Ali\(^1\); A K Agnihotri\(^3\); R M Bohmer\(^4\); D F Torchiana\(^3\)
\(^1\)Maritime Heart Centre, Halifax, Canada; \(^2\)North Shore Medical Center, Salem, MA, United States; \(^3\)Massachusetts General Hospital, Boston, MA, United States; \(^4\)Harvard Business School, Boston, MA, United States

3 A PREOPERATIVE RISK MODEL FOR INTESTINAL ISCHAEMIA AND PROGNOSIS FOLLOWING CARDIAC SURGERY
N Chaudhuri; J James; A Sheikh; A Grayson; B Fabri
The Cardiothoracic Centre, Liverpool, United Kingdom

4 DOES BODY MASS INDEX (BMI) AFFECT THE COST OF ICU STAY IN CARDIAC SURGERY? ‘A POUND (£) FOR POUND (LB) ANALYSIS’
R Gurprashad; J Ferguson; A Drain; C Gerrard; F Cafferty; A Vuylsteke
Papworth Hospital, Henfield, United Kingdom

5 DOES OFF PUMP SURGERY OFFER BENEFIT IN HIGH RESPIRATORY RISK PATIENTS? A RESPIRATORY RISK STRATIFIED ANALYSIS IN A PROPENSITY MATCHED COHORT
6 LONG-TERM RESULT OF LEFT VENTRICLE RESTORATION SURGERY FOR IDIOPATHIC DILATED CARDIOMYOPATHY.
T Horii; T Isomura; F Nomura; H Irie; J Hoshino; H Makinae; H Suma
Hayama Heart Center, Hayama, Japan

7 FAILURE MODES OF LEFT VENTRICULAR RECONSTRUCTION OR THE DOR PROCEDURE: A MULTI-INSTITUTIONAL PERSPECTIVE
J Raman¹; A Dixit³; G Bolotin¹; M M Storer²; V Jeevanandam¹
¹University of Chicago Medical Center, Chicago, IL, United States; ²Austin Hospital, Melbourne, Australia; ³Royal Hobart Hospital, Hobart, Australia

8 PERSERVED WINDKESSEL FUNCTION IN PATIENTS AFTER REDUCTION ASCENDING AORTOPLASTY
D H Bail; T Walker; M Gruler; E Usta; G Ziemer
Department of Thoracic Cardiac and Vascular Surgery University of Tuebingen, Tuebingen, Germany

9 EPICARDIAL PACE-SITE LOCALISATION IN BIVENTRICULAR PACING WITH USE OF PRESSURE-VOLUME LOOPS
J van Berkel¹; A Dekker¹; F van der Veen¹; B Dijkman²; J Maessen¹
¹Department of Cardio Thoracic Surgery University Hospital Maastricht, Maastricht, Netherlands; ²Department of Cardiology University Hospital Maastricht, Maastricht, Netherlands