



4th Joint Meeting



June 22-24•2016
Venice • ITALY
 Hilton Molino Stucky

Wednesday June 22

12:00 - 19:00 **Registration Opens**

12:00 - 16:00 **ECHSA Board Meeting**
Meeting Room Vivaldi

CHSS Executive Council Meeting
Meeting Room Pisani

16:00 - 16:30 **Opening of the Meeting - welcome**
Plenary Room

ECHSA President: Jose Fragata
CHSS President: Marshall Jacobs
Local Host: Giovanni Stellin

16:30 - 17:45 **Scientific Session 1**
Chairs: Luca Vricella, Boulos Asfour

- O-1 RAPID, SIMPLIFIED TECHNIQUE FOR SURGICAL ATRIOVENTRICULAR VALVE REPLACEMENT WITH THE MELODY TRANSCATHETER PULMONARY VALVE.
J. HAMMEL, J. DELANEY
- O-2 CYLINDER RECONSTRUCTION OF SEVERE PRIMARY TRICUSPID VALVE DEFECTS USING TISSUE-ENGINEERED BOVINE PERICARDIUM.
D. MAZZITELLI, C. NOEBAUER, J. SCOTT RANKIN, R. LANGE
- O-3 ROSS-KONNO PROCEDURE WITH CYLINDER MITRAL VALVE REPLACEMENT IN 49 DAYS OLD INFANT: SURGICAL VIDEO.
O. M. FEDEVYCH, O. F. YACHNIK, Y. B. MYKYCHAK, O. V. OSTRAS, Y. Y. IVANOV, I. M. YEMETS
- O-4 REPAIR OF TETRALOGY OF FALLOT THROUGH A RIGHT AXILLARY INCISION.
E. WILLIAMS, A. MICHAEL, K. NGUYEN
- O-5 CARDIAC PROSTHETIC VALVAR LABELLING IS OBFUSCATING, WHILE EFFECTIVE ORIFICE AREA IS FLAWED BY MISCONCEPTION OF THE GORLIN FORMULA.
T. EBELS, H. PRAGT, J.P. VAN MELL

17:45 - 18:00 **COFFEE BREAK**

18:00 - 19:15 **Scientific Session 2**
Chairs: James Jagers, Sertac Cisek

- O-6 DOUBLE INLET LEFT VENTRICLE: QUANTITATIVE ANATOMY AND POTENTIAL FOR STREAMING OF BLOOD FLOWS WITH DISPARATE OXYGEN SATURATIONS.
S. MEYER, M.M. BARTELINGS, S.Y. HO, M.R. JONGBLOED, H. UEMURA, T. EBELS
- O-7 RATIONALE FOR A STEM CELL TRIAL IN HYPOPLASTIC LEFT HEART SYNDROME PATIENTS.
S. KAUSHAL, B. WEHMAN

- O-8 A TECHNIQUE FOR OBTAINING FRESH AUTOLOGOUS BLOOD IN SMALL CHILDREN DURING CARDIAC SURGERY AND ITS EFFECTS IN HEMODILUTION AND COAGULOPATHY.
A. WEISS, T.R. LEE, A.J. MITTNACHT, I. HOLLINGER, C.A. RODRIGUEZ-DIAZ, K.H. NGUYEN
- O-9 INITIAL RESULTS OF A PROGRAM FOR ROUTINE STANDARDIZED LONGITUDINAL FOLLOW-UP AFTER CONGENITAL HEART SURGERY.
S. PASQUALI, C. RAVISHANKAR, J. HIRSCH-ROMANO, K. KANE, S. VIERS, A. KENNEDY, N. BURNHAM, R. LOWERY, K. UZARK, J. ROME, J. ROSSANO, J. CHARPIE, R. OHYE, T. SPRAY J.W. GAYNOR
- O-10 SUPRACARDIAC TOTAL ANOMALOUS PULMONARY VENOUS RETURN: REPAIR USING THE SUPERIOR EXTRACARDIAC TECHNIQUE (VIDEO)
A. FIORE, M. HOHENBERG, C. BAKO, C. HUDDLESTON

20:00 - 21:30 **BUFFET DINNER**

Thursday June 23

07:30 - 17:30 **Registration open**

08:00 - 08:30 **Official Commencement – Welcome**

Plenary Room

ECHSA President: Jose Fragata, Lisbon, Portugal

CHSS President: Marshall Jacobs, Philadelphia, USA

Local Host: Giovanni Stellin, Padova, Italy

08:30-09:45 **Scientific Session 3**
Chairs: Jeff Jacobs, Vladimir Ilyin

- O-11 THE OPTIMAL TIMING OF STAGE 2 PALLIATION FOR HYPOPLASTIC LEFT HEART SYNDROME: AN ANALYSIS OF THE PEDIATRIC HEART NETWORK SINGLE VENTRICLE RECONSTRUCTION TRIAL PUBLIC DATABASE.
J. MEZA, E. HICKEY, E. BLACKSTONE, S. CAI, R. JAQUISS, B. ANDERSON, W. WILLIAMS, G. VAN ARSDELL, B. MCCRINDLE
- O-12 HEALTH CARE COSTS OF HYBRID AND NORWOOD STRATEGIES.
A. MAZINE, R. VANDERLAAN, J. MEZA, A.M. GUERGUERIAN, S. SCHWARTZ, B. MCCRINDLE, G.S. VAN ARSDELL, C. CALDARONE
- O-13 “TWO VENTRICLE” FONTANS – HOW DO THEY PERFORM?
R. CEREJO, S. LARANJO, R. RODRIGUES, C. TRIGO, I. FRAGATA, F. PINTO, J. FRAGATA
- O-14 EARLY AND LATE OUTCOMES OF ONE AND HALF VENTRICLE REPAIR.
M. PADALINO, A. GUARIENTO, M. CARROZZINI, B. CASTALDI, O. MILANESI, G. STELLIN
- O-15 SINGLE PULMONARY ARTERY SUPPORT FOR THE FAILING FONTAN CIRCULATION IN SHEEP.
J. VAN PUYVELDE, F. REGA, C. NIX, M.G. HAZEKAMP, F. RIJNBERG, T. SIESS, P. CLAUS, B. COOLS, M. GEWILLIG, B. MEYNS

09:45 - 10:15 **COFFEE BREAK**

10:15 - 10:45 **CHSS Data Center Report**
Chairs: Tjark Ebels & Bohdan Maruszewski

CHSS Research Committee Chair:

James K. Kirklin: CHSS Research Mission

Brian McCrindle: CHSS Data Center History and Achievements

James Mezza (John W. Kirklin/David Ashburn Fellow, CHSS Data Center): Ongoing studies summary, and, Report of the CHSS-ECHSA Survey "**Current Practices in the Timing of the Second Stage of Single Ventricle Palliation**"

10:45 - 11:15 **ECHSA Research Report**
Chair: Jim Kirklin

ECHSA Research Committee Chair: George E. Sarris

11:15 -12:00 **VISIT POSTER AND EXHIBITION AREA**

12:00 - 13: 00 **CHSS Presidential Address**

12:00 - 12:15 **Introduction of the President**
Carl Lewis Backer

12:15 - 13:00 **CHSS President**
Marshall Jacobs, Philadelphia, USA
"Chance Favors the Prepared Mind"

13:00 - 14:00 **LUNCHEON**

14:00 - 14:30 **Invited Lecture:**
Robert Anderson
"On Shoulders of Giants - interacting with cardiac surgeons to improve of knowledge of congenital heart disease"

14:30 - 15:00 **Invited Lecture:**
Gerhard Ziemer
ECHSA: 25 year-history

15:00 - 15:30 **COFFEE BREAK**

15:30 - 17:30 **Scientific Session 4**
Chairs: James St Louis, Mark Hazekamp

- O-16 A NOVEL, 3-D PRINTED, BIORESORBABLE TRACHEOBRONCHIAL SPLINT FOR PEDIATRIC PATIENTS WITH SEVERE TRACHEOBRONCHOMALACIA.
R. OHYE, S. HOLLISTER, G. GREEN
- O-17 EVALUATION AND RISK STRATIFICATION OF CONCOMITANT CARDIOVASCULAR PROCEDURES WITH SLIDE TRACHEOPLASTY FOR COMBINED CARDIAC AND AIRWAY DEFECTS.
N. MUTHIALU, M. NAKAO, L. BEZUSKA, J. MAREK, I. SULLIVAN, M. KOSTOLNY, V. TSANG
- O-18 REVERSE SUBCLAVIAN FLAP REPAIR OF HYPOPLASTIC TRANSVERSE AORTA IN INFANCY.
KANTER K.
- O-19 RIGHT AORTIC ARCH: THE NEW PARADIGM.
C. BACKER, O. ELTAYEB, M. MONGE, J. RASTATTER, C. RIGSBY
- O-20 SURGERY FOR DISEASES OF THE AORTIC ARCH WITH A MINIMUM OF 15 YEARS FOLLOW-UP.
T. HOEL, H. LINDBERG
- O-21 NEUROPSYCHOLOGICAL AND PSYCHOSOCIAL OUTCOMES IN ADULTS TWO DECADES AFTER A NEONATAL ARTERIAL SWITCH OPERATION.
D. KALFA, L. KASMI, M. MONTREUIL, N. GERONIKOLA, V. LAMBERT, E. MURZI, E. BELLI, D. BONNET
- O-22 NEURODEVELOPMENTAL OUTCOMES OF CHILDREN UNDERGOING CONGENITAL HEART DISEASE REPAIR COMPLICATED BY POST-OPERATIVE THROMBOSIS: A PROSPECTIVE OBSERVATIONAL STUDY.
B. MCCRINDLE, L. BRANDAO, M. ROLLAND, S. O'SHEA, S. SCHWARTZ, J. RUSSELL, V.B. SIVARAJAN, C. MANLHIOT
- O-23 RIGHT VERTICAL AXILLARY MINI-THORACOTOMY FOR CORRECTION OF VENTRICULAR SEPTAL DEFECTS AND COMPLETE ATRIOVENTRICULAR CANAL DEFECTS IN INFANTS AND CHILDREN.
A. KADNER, P. HEINISCH, M. VEIT, O. LOUP, B. EBERLE, D. HUTTER, JP. PFAMMATTER, T. CARREL

19:00 – 20:30 **ECHSA AND CHSS PRESIDENTS' RECEPTION**

Friday June 24

07:30 – 17:30 **Registration Open**

08:00 – 10:00 **Scientific Session 5**

Plenary Room

Chairs: Mark Plunkett, Gerhard Ziemer

- O-24 AORTIC VALVE RECONSTRUCTION IN CHILDREN AND YOUNG ADULTS: INITIAL EXPERIENCE WITH OZAKI TECHNIQUE
P. DEL NIDO, M. BORISUK, C. BAIRD
- O-25 REVISITING THE TWO-STAGED REPAIR IN 'SIMPLE' TGA.
O. KORNOUKHOV, V. ILYN
- O-26 SURGICAL MANAGEMENT OF SYMPTOMATIC TETRALOGY OF FALLOT IN YOUNG INFANTS: PRIMARY REPAIR VS. PALLIATION – A PROPENSITY MATCHED PHIS DATABASE ANALYSIS.
K. RAMAKRISHNAN, D. ZURAKOWSKI, R. JONAS, P. SINHA
- O-27 CORONARY ARTERY TRANSLOCATION AND DIRECT REIMPLANTATION: AN EFFECTIVE METHOD FOR MANAGEMENT OF AAOCA WITHOUT INTRAMURAL SEGMENT AND INTER-ARTERIAL COURSE.
D. MAUCHLEY, D. CAMPBELL, M. MITCHELL, J. JAGGERS
- O-28 INCREASED SURGICAL MORTALITY ASSOCIATED WITH PARTIAL PULMONARY VENOUS OBSTRUCTION IN PATIENTS WITH TYPE IV TOTAL ANOMALOUS PULMONARY VENOUS CONNECTION.
J. ST. LOUIS
- O-29 GEOGRAPHIC DISTRIBUTION OF CONGENITAL HEART SURGERY PROGRAMS IN THE UNITED STATES AND POTENTIAL IMPACT OF REGIONALIZATION.
T. KARAMLOU, S. PASQUALI, D. OVERMAN, C. BACKER, J. HIRSCH-ROMANO, K. WELKE
- O-30 SETTING UP, MONITORING AND SELF-AUDIT FOR NEW PEDIATRIC HEART PROGRAMS IN EMERGING HEALTHCARE SYSTEMS.
A. MARATH, V. NINA, E. FARKAS, J. HENSON, V. NGUYEN, L. LUNDEEN, G. BOZZETTI, A. AKINYEMI
- O-31 SURGICAL INTERVENTION FOR ADULTS WITH VASCULAR RINGS: A MULTI CENTER, 32 YEAR EXPERIENCE.
L. VRICELLA, N. HIBINO, S. COLLICA, C.L. BACKER, E. BACHA, J.A. DEARANI, C. CALDARONE, R. VANDERLAAN, D.E. CAMERON

10:00 - 10:30 **COFFEE BREAK**

10:30 - 11:30 **Congenital Database Research**

Chairs: Tjark Ebels, Bohdan Maruszewski, Jeff Jacobs

10:30 - 10:55 **STS Congenital Database Report**
STS Database Committee Chair: Jeff Jacobs

10:55 - 11:20 **ECHSA Congenital Database Report**
ECHSA Database Committee Chair: Tjark Ebels
ECHSA Congenital Database Director: Bohdan Maruszewski

11:20 - 11:30 **World Society for Pediatric and Congenital Heart Surgery Database**
WSPCHS Database Committee Chair: James Kirklin

11:30 - 12:00 **Best Two Abstract Presentations**

Chairs: James Jagers, George Sarris

Abstract 1 (CHSS) O-32 THE FIRST LARGE-ANIMAL, GENE-TARGETED MODEL OF CONGENITAL HEART DISEASE AND THE FUTURE OF SURGICAL TRAINING.
P. GRUBER, K. WELLS, A. SPATE, E. WALTERS, A. FIRMENT, A. KASHYAP, G. BACCAM, R. PRATHER, A. MOON

Abstract 2 (ECHSA) O-33 POSTERIOR AORTIC TRANSLOCATION: THE ORIGINAL NIKAIKIDOH TECHNIQUE IS EASIER AND BETTER.

12:00 - 13:00 ECHSA Presidential Address

12:00 - 12:15 **Introduction of the President**
Giovanni Stellin

12:15 - 13:00 **ECHSA President**
Jose Fragata, Lisbon, Portugal
"Variation in Congenital Heart Surgery - the good, the bad and the even worse"

13:00 - 14:00 LUNCHEON

PLENARY SESSION FOR SURGEONS, SPOUSES, AND FAMILIES

14:00 - 17:30 **Perspectives on Life**
by Invited Honored Speakers
Moderators: Giovanni Stellin, James Jagers, Tjark Ebels, George Sarris

14:00 - 14:30 **Maurizio Di Donato**
«How to save Venice – the MOSE Project»
(*Speaker introduced by Giovanni Stellin*)

14:30 - 15:00 **Gaetano Thiene** (Padova, Italy)
The Dawn of Modern Medicine and Experimental Science at the University of Padua during Renaissance"
(*Speaker introduced by James Jagers*)

15:00 - 15:30 **Aldo Castaneda**
(Guatemala City, Guatemala)
"Pediatric Cardiac Surgery, an International endeavour"
(*Speaker introduced by Tjark Ebels*)

15:30 - 16:00 **Discussion**

16:00 - 16.30 COFFEE BREAK

16:30 - 17:30 **Closing Lecture**
His Eminence Nikolaos, Bishop of Mesogaias and Lavreotikis, Attica, Greece
"Beyond Skill and Ingenuity"
(*Speaker introduced by George Sarris*)

20:30 - 23:00 GALA DINNER

Saturday June 25

08:00 – 09:00 **ECHSA Business Meeting**
Meeting Room A

POSTERS

- P-1 REPAIR OF TRUNCUS ARTERIOSUS WITH INTERRUPTED AORTIC ARCH, USING CONTINUOUS MILDLY-HYPOTHERMIC WHOLE-BODY PERFUSION
J. HAMMEL
- P-2 END-OF-LIFE IN CHILDREN WITH COMPLEX CONGENITAL HEART DISEASE: PERSPECTIVES ON SUFFERING AND QUALITY OF LIFE
C. AGOSTO, F. BENEDETTI, F. BENINI, V. DE TOMMASI, O. MILANESI, G. STELLIN, M. PADALINO
- P-3 PULMONARY VALVE-SPARING TECHNIQUES DURING REPAIR OF TETRALOGY OF FALLOT: THE DELAMINATION PLASTY
V. VIDA, F. ZUCCHETTA, A. GUARIENTO, M. PADALINO, O. MILANESI, G. STELLIN
- P-4 RIGHT VENTRICLE-TO-PULMONARY ARTERY CONNECTION RECONSTRUCTION FOR PATIENTS WITH TRUNCUS ARTERIOSUS: 19 YEARS OF EXPERIENCE
Y. Y. IVANOV, Y. B. MYKYCHAK, O. M. FEDEVYCH, K. S. CHASOVSKYI, I. M. YEMETS
- P-5 SURGICAL DECISION-MAKING IMPROVED BY 3D MODELLING
S. SPEGGIORIN, S. DURAIRAJ, B. MIMIC, AF. CORNO
- P-6 MID-TERM OUTCOME FOR REPAIR OF CONGENITAL HEART DEFECTS USING CARDIOCEL
S. PRABHU, D. BELL, R. JUSTO, B. ANDERSON, T. KARL, N. ALPHONSO
- P-7 SUPERIOR VENA CAVA BANDING IN PREPARATION FOR UNILATERAL BIDIRECTIONAL GLENN IN SINGLE VENTRICLE PATIENTS WITH BILATERAL SUPERIOR VENA CAVAE
K. POURMOGHADAM, D. NYKANEN, M. SCHWARTZ, M. O'BRIEN, M. RUZMETOV, W. DECAMPLI
- P-8 PATTERNS OF TREATMENT AND EARLY OUTCOMES IN CHILDREN WITH FUNCTIONALLY SINGLE VENTRICLE. DATA FROM ECHSA CONGENITAL DATABASE.
B. MARUSZEWSKI, A. KANSY, Z. TOBOTA, T. EBELS, G. SARRIS, J.P. JACOBS, J. FRAGATA
- P-9 CENTENNIAL OF THE DU BOIS AND DU BOIS FORMULA FOR BODY SURFACE AREA. REAPPRAISAL AND APPROPRIATENESS IN THE ERA OF OBESITY.
T. EBELS, G. BOCCA, B. BARTELD, J.P. VAN MELLE
- P-10 SCIMITAR VEIN TRANSLOCATION USING AN OFF-PUMP RIGHT THORACOTOMY APPROACH
J.W. BROWN, H. AL KINDI
- P-11 DILATABLE MAIN PULMONARY ARTERY BANDING FOR SUCCESSFUL POSTPONEMENT OR AVOIDANCE OF SURGICAL REPAIR.
J. VAN PUYVELDE, F. REGA, B. COOLS, B. EYSKENS, M. GEWILLIG, B. MEYNS
- P-12 PULMONARY VALVE REPLACEMENT WITH THE BIOPULMONIC CONDUIT: EARLY DISAPPOINTING RESULTS
A. QUARTI, E. MERLINO, F. IEZZI, G. SANTORO, C. SURACE, M. COLANERI, M. POZZI
- P-13 FONTAN CONVERSION IN DOUBLE-INLET SINGLE VENTRICLE: AN ALTERNATIVE APPROACH WITH IN-SITU TOTAL CAVOPULMONARY CONNECTION AND SYSTEMIC VENOUS ATRIAL EXCLUSION
A. POLIMENAKOS, A. GUPTA, B. SHAFER, V. KAMATH
- P-14 USE OF THE BERLIN HEART EXCOR AS A TOTAL ARTIFICIAL HEART IN INFANTS
H. KATO, S. GANDHI
- P-15 TISSUE ENGINEERING OF THE RIGHT HEART OUTFLOW TRACT BY A BIOFUNCTIONALIZED BIORESORBABLE POLYMERIC VALVED TUBE: MID-TERM RESULTS OF THE TEH-TUBE PROGRAM.
D. KALFA, M. PONTAILLER, B. AHMAD, P. POUPONNEAU, M. BLANCHY, K. THIBAUT, P. HOMMES-SCHATTMANN, A. NEFFE, V. VANNEAUX, PH. MENASCHÉ
- P-16 THE ARTERIAL SWITCH OPERATION IN PATIENTS WITH TRANSPOSITION AND LEFT-SIDED AORTA
S. TALWAR, S.K. GUPTA, A.K. BHOIE, P. RAMAKRISHNAN, R.H. ANDERSON, S.K. CHOUDHARY, S. SUNDER. KOTHARI, R. JUNEJA, A. SAXENA, B. AIRAN
- P-17 PEACOCK TAIL TECHNIQUE SIMULTANEOUSLY TO GLENN IN PATIENTS WITH EBSTEIN MALFORMATION AND FAILING RIGHT VENTRICLE: THE TIRANA MODIFICATION
A. VESHTI, A. BABOCI, E. KAJO, N. MALIQARI, E. PRIFTI

- P-18 THE FATE OF EXTRACELLULAR MATRIX VALVES IN RIGHT VENTRICULAR OUTFLOW TRACT RECONSTRUCTION
F. SCHOLL, A. LEVY, S. BIBEVSKI
- P-19 INCIDENCE, ETIOLOGY AND RISK FACTORS OF UNPLANNED READMISSIONS AFTER CONGENITAL HEART SURGERY
E. LUSHAJ, K. NELSON, K. AMOND, E. KENNY, P. ANAGNOSTOPOULOS
- P-20 NATIONAL TREND AND VARIABILITY IN BLOOD UTILIZATION IN PEDIATRIC CARDIAC SURGERY. *KARIMI, J. SULLIVAN, C. HRONEK*
- P-21 AN UPDATE OF THE ANALYSIS OF OUTCOMES IN NEONATAL CONGENITAL HEART SURGERY. DATA FROM ECHSA CONGENITAL DATABASE.
A. KANSY, G. SARRIS, T. EBELS, J.P. JACOBS, Z. TOBOTA, J. FRAGATA, B. MARUSZEWSKI
- P-22 AORTIC TRANSLOCATION WITH AORTIC FREE WALL PATCH PLASTY FOR OPTIMAL REPOSITIONING OF CORONARY ARTERY
T. SAKURAI, H. SAKURAI, T. NONAKA, M. KOSAKAI, T. OSAWA
- P-23 COMPREHENSIVE VALVE PROGRAM IN PEDIATRIC PATIENTS UNDERGOING RE-ENTRY RIGHT VENTRICULAR OUTFLOW TRACK INTERVENTION IN THE TRANSCATHETER ERA: IMPLEMENTATION OF A CUSTOMIZED APPROACH AND REVIEW OF EARLY OUTCOMES
A. POLIMENAKOS, A. GUPTA, B. SHAFER, Z. AMIN, K. VINAYAK
- P-24 THE DESTINY OF POST OPERATIVE RESIDUAL VENTRICULAR SEPTAL DEFECTS AFTER SURGICAL REPAIR
S. BIBEVSKI, J. DECKER, A. SORUNMU, K.C. CHAN, F.G. SCHOLL
- P-25 DEL NIDO AND CONVENTIONAL MULTI-DOSE CARDIOPLEGIA SOLUTIONS IN CONGENITAL HEART SURGERY: A SINGLE-CENTER COMPARISON
K. POURMOGHADAM, M. RUZMETOV, G. PLANCHER, T. BENJAMIN, H. HARDISON, A. CHERUKURI, K. PIGGOTT, M. O'BRIEN, S. SUGUNA NARASIMHULU, W. DECAMPLI
- P-26 DISASTER RECOVERY AND PEDIATRIC CARDIAC PROGRAM BUILDING IN NEPAL MAY 2015: MORAL IMPERATIVE VS PERSONAL SAFETY ASSURANCE.
A. MARATH, V. NINA, E. FARKAS, R. VILELA DE ABREU HAICKEL, J. HENSON, M. DEVBHANDARI, R. KARMACHARYA, R. KOJU
- P-27 ORIGIN OF CORONARY ARTERIES FROM THE WRONG SINUS: A SILENT KILLER
A. QUARTI, E. MERLINO, M. COLANERI, F. IEZZI, G. SANTORO, M. POZZI
- P-28 TRENDS IN THE OUTCOMES OF TREATMENT OF THE TRANSPOSITION OF GREAT ARTERIES. DATA FROM ECHSA CONGENITAL DATABASE.
G. SARRIS, A. KANSY, T. EBELS, J.P. JACOBS, Z. TOBOTA, J. FRAGATA, B. MARUSZEWSKI
- P-29 CAVAL DIVISION WITH AUTOLOGOUS RECONSTRUCTION: AN APPROACH TO PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION ENTERING AT THE CAVOINNOMINATE JUNCTION
A. POLIMENAKOS, B. SHAFER, V. KAMATH
- P-30 ATRIAL SEPTAL DEFECT CLOSURE WITH MINI THORACOTOMY AND TOTAL PERIPHERAL CANNULATION: WHICH IS COST SAVING FOR OUR COUNTRY.
A. BHATTARAI, P. KHAKURAL, B. KOIRALA
- P-31 A COMPLEX MITRAL VALVE RECONSTRUCTION IN A 14 YEAR-OLD GIRL WITH A DESTRUCTIVE ENDOCARDITIS.
D. KALFA, A. FERRIS
- P-32 DOUBLE SEMILUNAR VALVE REPLACEMENT IN COMPLEX CONGENITAL HEART DISEASE USING DECELLULARIZED HOMOGRAPHS
D. BOBYLEV, S. SARIKOUCH, I. TUDORACHE, B. SOYLEN, P. BEERBAUM, D. BOETHING, A. HAVERICH, S. CEBOTARI, A. HORKE