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15th World Congress

WSCTS

World Society of Cardio-Thoracic Surgeons

Vilnius, Lithuania – June 19-23, 2005



ABSTRACT



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Chancellor's Message

Dear Colleagues,

Your interest in the WSCTS and especially in this 15th World Congress assures me that the vision of a really globally-minded Society that I have developed in the late Eighties of the last century has realized. I thank Dr. Sirvydis for the great work he has done to make this meeting outstanding. He has also arranged that the 7th Symposium of the World Artificial Organ, Immunology and Transplantation Society takes place as a satellite meeting of this Congress in St. Petersburg on June 25 and 26.

On this occasion I also take the liberty to draw your attention to those who have shared my vision since the Eighties of the last century. The Editorial "Envisioned leadership" in the WSCTS NewsLetter No. 16 authored by Wolfgang Ade recalls the enlightened words "Medicine is practiced humaneness." Nobuyuki Tanaka who as Editor has taken the burden to make that Newsletter available to the membership deserves a special citation. Both of them share my vision since the foundation of the Society.

The preparations for the next World Congress are in the experienced hands of Tofy Mussivand. He proved his ability as an excellent organizer during the 6th Symposium of the World Artificial Organ, Immunology and Transplantation Society at Ottawa.

In 2006 we will then meet in Kyoto, Japan's capital from 794 until 1868. Masaki Komeda is already working that this meeting will create memories that will abide with you forever.

A handwritten signature in black ink, appearing to read "J. Wada". The signature is stylized and fluid, with a long horizontal line extending from the end of the name.

J. Wada, M.D.,
Chancellor



Secretary General's Message

Dear Colleagues,

It is a special pleasure to meet you in Lithuania. With this visit a dream comes true. Already long before I met Dr. Sirvydis 10 years ago in Paris at the Ninth Annual Meeting of the European Association for Cardio-Thoracic Surgery, I had the wish to visit the Baltic countries. In the same year, Dr. Cooley had expressed his hope to convene once in the nascent countries of Eastern Europe. When the Steering Committee in 2003 at San Diego selected Vilnius, many colleagues expressed their satisfaction. Now I have the pleasure to welcome you in Lithuania, which not only excels with three citations in the UNESCO World Heritage List but also actively plays her new role as member of the European Community.

Several Lithuanian physicians have not only served their patients and contributed to scientific progress but also promoted the awareness of the national heritage at a time when access to treatment was not a matter of course. I have addressed my hope before that the members of our Society will strive to make cardio-thoracic procedures available all over the world, but this seems to be still a lofty goal.

Recently I read with great interest an editorial in *Heart, Lung and Circulation* that discussed issues of access to cardiac care in general and cardiac surgery in particular.¹ I was especially impressed by Prof. Lowitja O'Donoghue's remarks on aboriginal health and extend them to health care for indigenous people in general. He said "Aboriginal health is not heroic. It will not win votes, and is not necessarily about having the latest technology with bells and whistles. It is about compassion. It is about justice. It is about priorities. And it is about not forgetting people..."*

Before I close, I want to share with you four desiderata, expressed by Dr. Vincas Kudirka in 1892, namely

"...a heart that loves its brothers,
hands that are unafraid of hard work,
tireless efforts,
and a voice that can be trusted"²

They shall not only remain a bequest to his Lithuanian colleagues, I envision that all members of the World Society of Cardio-Thoracic Surgeons live up to this credo, following Dr. Wada's example.

Most fruitful days in the valley of the Neris!

A handwritten signature in black ink, appearing to read 'W. Ade'.

Wolfgang R. Ade, M.D., F.C.T.S.
Secretary General

Speech to the 13th Annual Scientific Meeting of the South Australian Cardiac Rehabilitation Association, 2003.

1. McDonald M, Currie B. Outcomes of cardiac surgery in aboriginal Australians: What are the problems and what's to be done? *Heart, Lung and Circulation* 2004;13:129-31.

2. Varpas, 1892, no. 8, translation by Budrys M. Lithuanian Physicians "Auf rininkai" *Lituanus* 1985; 31(1).

WSCTS - World Society of Cardio-Thoracic Surgeons

World Congress Calendar

First World Congress - September 30 - October 4, 1991 **Chiang Mai (Thailand)**

President: J. Wada, M.D., Juro Wada Commemorative Heart and Lung Institute, Tokyo, Japan
Scientific Chairman: C. Ongcharit, M.D., Chulalongkorn University Hospital, Bangkok, Thailand

Second World Congress - May 10 - 14, 1992 **Ankara (Turkey)**

President: C. Ongcharit, M.D., Chulalongkorn University Hospital, Bangkok, Thailand
Scientific Chairman: A.Y. Bozer, M.D., Hacettepe University, Ankara, Turkey

Third World Congress - January 25 - 29, 1993 **Salzburg (Austria)**

President: A.Y. Bozer, M.D., Hacettepe University, Ankara, Turkey
Scientific Chairman: F. Unger, M.D., Landeskrankenhaus Salzburg, Salzburg, Austria

Fourth World Congress - February 20 - 23, 1994 **Jerusalem (Israel)**

President: F. Unger, M.D., Landeskrankenhaus Salzburg, Salzburg, Austria
Scientific Chairman: J.B. Borman, M.D., Hadassah Medical Organization, Jerusalem, Israel

Fifth World Congress - June 5 - 9, 1995 **Dorado (Puerto Rico)**

President: J.B. Borman, M.D., Hadassah Medical Organization, Jerusalem, Israel
Honorary Chairman: D.A. Cooley, M.D., Surgical Associates of Texas, Houston, Texas, U.S.A.
Scientific Chairman: E.I. Fernández Noda, M.D., Cirurgia Gen., Toraxica y Cardiovasc., Hato Rey, Puerto Rico
Co-Chairmen: Robert J. Ginsberg, M.D. †Memorial Sloan-Kettering Cancer Center, New York, N.Y., U.S.A.;
Adib H. Sabbagh, M.D. Tucson Medical Center, Tucson, Arizona, U.S.A.

Sixth World Congress - July 21-24, 1996 **Hiroshima (Japan)**

President: E. I. Fernández Noda, M.D., Cirurgia Gen., Toraxica y Cardiovasc., Hato Rey, Puerto Rico
Scientific Chairman: K. Suma, M.D., Tokyo Women's Medical College, Second Hospital, Tokyo, Japan
Co-Chairmen: Hermes C. Grillo, M.D. Massachusetts General Hospital, Boston, Mass., U.S.A.
Yuichiro Matsuura, M.D., Hiroshima University, Hiroshima, Japan

Seventh World Congress - September 2-5, 1997 **Düsseldorf (Germany)**

President: Kozo Suma, M.D., Tokyo Women's Medical College, Second Hospital, Tokyo, Japan
Honorary Chairman: C.J. Hahn, M.D., Cardiovascular Research Centre, Arzier, Switzerland
Scientific Chairman: R. Körfer, M.D., Herzzentrum NRW, Bad Oeynhausen, Germany

Eighth World Congress - November 1-4, 1998 Houston, Texas (U.S.A.)

President: R. Körfer, M.D., Herzzentrum NRW, Bad Oeynhausen, Germany
Honorary Chairman: M. DeBakey, M.D., Baylor College of Medicine, Houston, Texas, U.S.A.
Scientific Chairman: J. C. Baldwin, M.D., Dartmouth Medical School, Hanover, New Hampshire, U.S.A.

Ninth World Congress - November 14-17, 1999 Lisbon (Portugal)

President: J. C. Baldwin, M.D., Baylor College of Medicine, Houston, Texas, U.S.A.
Honorary Chairman: M. M. Macedo, M.D., Lisboa, Portugal
Scientific Chairman: J. Roquette, M.D., Hospital Sta. Marta, Lisboa, Portugal
Co-Chairmen: M. Antunes, M.D. Hospitais Da Universidade Coimbra, Portugal;
A. Varela, M.D. Hospital Universitario Puerta de Hierro, Madrid, Spain

Tenth World Congress - August 13-16, 2000 Vancouver (Canada)

President: J. Roquette, M.D., Hospital Sta. Marta, Lisboa, Portugal
Honorary Chairman: W.J. Keon, O.C., M.D., F.R.C.S. (C), University of Ottawa, Heart Institute, Ottawa, Canada
Scientific Chairman: W.R.E. Jamieson, M.D., University of British Columbia, Vancouver, B. C., Canada
Co-Chairmen: Dr. T.E. David, University of Toronto, Toronto, Ont., Canada;
Dr. R.J. Finley, Vancouver General Hospital, Vancouver, B. C., Canada

Eleventh World Congress August 12-15, 2001 Sao Paulo (Brazil)

President: W.R.E. Jamieson, M.D., University of British Columbia, Vancouver, B. C.
Honorary Chairman: A. Jatene, M.D., Instituto do Coração INCOR, São Paulo, Brazil
Scientific Chairman: N. G. Stolf, M.D., Instituto do Coração INCOR, São Paulo, Brazil
Co-Chairman: Dr. F. J. Benetti, Fundación Federico J. Benetti para la Cardiología, Buenos Aires, Argentine
São Paulo (Brazil)

Twelfth World Congress - March 3-6, 2002 Lucerne (Switzerland)

President: N. G. Stolf, M.D., Instituto do Coração INCOR, São Paulo, Brazil
Honorary Chairman: Dr. A.P. Naef, Pully, Switzerland
Scientific Chairman: Dr. L.K. von Segesser, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland
Co-Chairmen: Dr. C.J. Hahn, Cardiovascular Research Centre, Arzier, Switzerland;
Dr. H. Toomes, Klinik Schillerhöhe, Gerlingen, Germany

Thirteenth World Congress - November 1-5, 2003 San Diego, CA (U.S.A.)

President: Dr. L. K. von Segesser, Centre Hospitalier Universitaire Vaudois, Lausanne
Honorary Chairman: F. Robicsek, M.D., The Carolinas Heart Institute, Charlotte, NC, U.S.A.
Scientific Chairman: S.W. Jamieson, M.B., F.R.C.S., Univ. of California Medical Center, San Diego, CA, U.S.A.
Co-Chairman: M.M. Madani, M.D., Univ. of California Medical Center, San Diego, CA, U.S.A.

Fourteenth World Congress - October 14-17, 2004 Beijing (China)

President: S.W. Jamieson, M.B., F.R.C.S., Univ. of California Medical Center, San Diego, CA
Honorary Chairmen: J. Wada, M.D., F.C.T.S., Juro Wada Commemorative Heart and Lung Institute, Tokyo, Japan.
D. A. Cooley, M.D., Surgical Associates of Texas, Houston, Texas, U.S.A.
Scientific Chairman: Dr. X.-D. Zhu, Fu Wai Hospital, Beijing, China
Co-Chairman: J.D. Cooper, M.D., Washington University School of Medicine, U.S.A.;
Facsimile: +86(10) 66066534

Fifteenth World Congress - June 19-23, 2005 Vilnius (Lithuania)

President: Dr. X.-D. Zhu, Fu Wai Hospital, Beijing, China
Honorary Chairmen: A. Marcinkevicius, M.D., Vilnius, Lithuania
J. Wada, M.D., F.C.T.S., Juro Wada Commemorative Heart and Lung Institute, Tokyo, Japan.
Scientific Chairman: V. Sirvydis, M.D., Heart Surgery Centre, Vilnius
Co-Chairmen: F. Beyersdorf, M.D., Albert-Ludwigs-University Freiburg, Germany;
R. Janilionis, M.D., Vilniaus Universiteto Leidykla, Vilnius, Lithuania
Facsimile: +370(2) 720337

Sixteenth World Congress - August 17-20, 2006 Ottawa (Canada)

President: V. Sirvydis, M.D., Heart Surgery Centre, Vilnius
Scientific Chairman: T. Mussivand, M.D., Ottawa Heart Institute, Ottawa
Further Information: University of Ottawa Heart Institute, 40 Ruskin Street, Ottawa, ON, K1Y 4W7 Canada
E-mail: TMussivand@ottawaheart.ca Facsimile: +1(613) 761-5448

Seventeenth World Congress - July 11-13, 2007 Kyoto (Japan)

President: T. Mussivand, M.D., Ottawa Heart Institute, Ottawa
Scientific Chairman: M. Komeda, M.D., Kyoto University Graduate School of Medicine
Further Information: Kyoto University Graduate School of Medicine,
Department of Cardiovascular Surgery, 54 Kawara-cho, Shogoin, Sakyo-ku,
Kyoto 606-8507, Japan
E-mail: masakom@kuhp.kyoto-u.ac.jp
Facsimile: + 81 (75) 751-3098

Japan Chapter

Eighteenth Annual Meeting - July 6-8, 2005 Karuzawa (Japan)

President: T. Maehara, M.D., F.C.T.S., National Defense Medical College, Tokorozawa-shi, Saitama Pref.
Further Information: Susumu Isoda, M.D, National Defense Medical College, Tokorozawa-shi,
Saitama 359-8513, Japan
E-mail: sisoda@dk.pdx.ne.jp Facsimile: +81 (42) 996-5206

Nineteenth Annual Meeting - 2006 Kanazawa (Japan)

President: G. Watanabe, M.D., F.C.T.S., Kanazawa University, Kanazawa, Ishikawa Pref.
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Graduate School of Medical Science, School of Medicine, 13-1 Takara-machi,
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WSCTS - World Society of Cardio-Thoracic Surgeons

WSCTS-Sponsored Meetings

Second International Symposium on Cardio-Thoracic Surgery September 5 - 7, 1991 - Bad Oeynhausen (F.R.G.)

Chairmen: R. Körfer, M.D., Herzzentrum Nordrhein-Westfalen, Bad Oeynhausen
J. Wada, M.D., Juro Wada Commemor. Heart & Lung Institute, Tokyo
K. Minami, M.D., Herzzentrum Nordrhein-Westfalen, Bad Oeynhausen

First World Artificial Organ Immunology and Transplantation Symposium (WAITS)

July 26, 1992 - Taipei, Taiwan (R.O.C.)

President: Shu-Hsun Chu, M.D., National Taiwan University, Taipei

Fourth International Congress on Cardiac Pacing and Electrophysiology October 3 - 6, 1993 - Antalya (Turkey)

Chairman: A. Oto, M.D., Hacettepe University, School of Medicine, Ankara

First Congress of the Turkish Transplantation Society & Second Annual Meeting of the World Artificial Organ, Immunology and Transplantation Society (WAITS)

October 20 - 23, 1993 - Ankara (Turkey)

President: M. Haberal, M.D., Bas_kent Üniversitesi Hastanesi, Ankara
Chairman: A. Oto, M.D., Hacettepe University, Ankara

Coronary Surgery Symposium and Parallel Courses of Coronary Surgery without Extracorporeal Circulation

November 16-17, 1993 - Buenos Aires (The Argentine)

Chairman: F. J. Benetti, M.D., Fundación Federico J. Benetti para la Cardiología, Buenos Aires

Third Congress of the Asian Society of Transplantation December 4 - 6, 1993 - Bangkok (Thailand)

Chairman: C. Ongcharit, M.D., Chulalongkorn Hospital and Medical School, Bangkok

International Symposium Coronary Bypass Surgery in the Elderly March 9 - 11, 1994 - Antwerp (Belgium)

Scientific Organization: P. J. Walter, M.D., University Hospital of Antwerp, Antwerp

Third Annual Meeting of the World Artificial Organ, Immunology and Tran- splantation Society (WAITS)

July 20 - 22, 1995 - Sapporo (Japan)

Chairman: S. Komatsu, M.D., Sapporo Medical University, Sapporo

**Global Congregation on Cardiac Surgery—Second Millennium: Here and Now
December 14-16, 1996 - Madras (India)**

President: C. Barnard, M.D., Cape Town, South Africa

Cardiac Interventions-Standards and Concepts

June 9 - 11, 1996 - Vienna (Austria)

Chairman: Felix Unger, M.D., Herzchirurgie Salzburg

Third Baltic Sea Conference

June 1 - 3, 1997 - Vilnius (Lithuania)

Chairman: V. Sirvydis, M.D., Heart Surgery Clinic of Vilnius University

Fourth Annual Meeting of the World Artificial Organ, Immunology and Transplantation Society (WAITS)

September 1, 1997 - Bad Oeynhausen (F.R.G.)

Chairman: K. Minami, M.D., Herzzentrum Nordrhein-Westfalen, Bad Oeynhausen

**Second International Symposium on Anterior Chest Deformities
(Pectus Excavatum and Carinatum)**

September 6, 1997 - Düsseldorf (F.R.G.)

Scientific Chairman: H.D. Schulte, M.D., University of Düsseldorf

**Fourth International Congress on Cardiac Surgery of the Alpe-Adria Community
September 7-10, 1997 - Opatija (Croatia)**

Chairman: I. Jelic, M.D., TRG, Zagreb

**Fifth World Artificial Organ, Immunology and Transplantation Society
Symposium (WAITS)**

September 8-11, 1999 - Bad Oeynhausen (F.R.G.)

Chairman: R. Körfer, M.D., Herzzentrum Nordrhein-Westfalen, Bad Oeynhausen

Standards and Concepts in Valve Surgery

October 6-8, 1999 - Vienna (Austria)

Chairman: F. Unger, M.D., Herzchirurgie Salzburg

**Sixth World Artificial Organ, Immunology and Transplantation Society
Symposium (WAITS)**

August 17-20, 2001 - Ottawa (Canada)

Chairman: Senator W. J. Keon, M.D., University of Ottawa Heart Institute

Seventh World Artificial Organ - July 25-26, 2006

Immunology and Transplantation Society

Symposium (WAITS)

St. Petersburg (Russia)

Symposium Organizing Committee Chairman: V.I. Shumakov, M.D.,

Research Institute of Transplantation and Artificial Organs, Ministry of Health of Russian Federation, Moscow

Further Information: Monomax PCO Ltd., Symposium Secretariat, P.O. Box 168,

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Pan-Pacific Surgical Association - January 14-16, 2006

27th Biennial Congress

St. Honolulu HI (USA)

Chairman: L. Burgess, M.D., M.D., Director of Telemedicine and Simulation, John Rjohn A. Burns School of Medicine, University of Hawaii at Manoa

Further Information: PPSA, 1212 Punahou St. #3506, Honolulu, HI 96826, USA

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PPSA 22nd Japan Chapter Meeting, 2005, New Caledonia

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2003 L.K. von Segesser (Lausanne)
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Puruhito (Surabaya) 2002-2005
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WSCTS - World Society of Cardio-Thoracic Surgeons

Scientific Program

WSCTS 15th World Congress
June 19-23, 2005
Vilnius, Lithuania

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- C004** Reoperative coronary artery revascularization procedures: the Zurich experience
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- C008** Long-term results of coronary artery bypass grafting in patients with severe ischemic left ventricular dysfunction
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- C087** Coronary artery remodelling related to endothelium derived nitric oxide production of the internal mammary artery bypass graft
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- C095** Early postoperative pump function improving in patients with ischemic end-stage heart failure
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- C103** The effect of dopexamine on the hepatic blood flow and systemic inflammatory response in patients undergoing coronary artery bypass grafting with cardiopulmonary bypass. A randomized control trial
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- C105** Preoperative use of eptifibatid, enoxiparine and aspirin in patients with non-ST segment elevation myocardial infarction requiring CABG
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- C108** Biochemical diagnosis of perioperative ischemic events in patients submitted to coronary bypass surgery
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- C110** Off-pump coronary artery bypass grafting in patients with dialysis-dependent renal failure
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- C111** Off-pump coronary artery bypass grafting in a patient who had undergone bilateral adrenalectomy
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- C112** Single-clamp technique is not better than side-clamp technique in terms of cerebrovascular complications in coronary surgery
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- C113** Surgical repair of 3 mechanical complications of acute myocardial infarction in the same patient
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- C114** Coronary artery bypass grafting in patients with acute coronary syndrome
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- C115** Redo subclavian artery to lad bypass via left thoracotomy: case report
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- C116** Coronary bypass graft operations after previous stent implantations
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- C117** Symptomatic pleural effusion after coronary artery bypass grafting
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- C118** Predictors of mortality in elderly patients undergoing coronary revascularization
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- C119** Gene polymorphisms of hemostasis in patients with early redo CABG
I. Kammerer, F. Isgro, A. H. Kiessling, J. Bach, P. Hellstern, W. Saggau

C15 – CORONARY ARTERY DISEASES AND DIABETES - RISK FACTORS

- C120** Risk factors for late stroke after CABG
T. Schachner, A. Zimmer, J. Nagiller, G. Laufer, J. Bonatti
- C121** Lower body mass index is a risk factor for re-exploration of chest for haemorrhage following coronary artery bypass graft surgery
S. Ghotkar, M. Kuduvali, A. Grayson, A. Rashid
- C122** Postoperative outcome following CABG in patients with severe obesity
P. Totaro, N. Degno, V. Argano
- C123** The risk factors predicting outcome after coronary surgery
B. Mihajlovic, M. Potic, K. Babovic, M. Rosic, D. Jakovljevic, N. Radovanovic
- C124** Long-term survival after CABG in diabetics with aggressive risk factor management
G. Trachiotis, M. Greenberg, V. Papademetriou, E.P. Alexander
- C125** Surgical cardiac revascularisation in diabetic patients: the Zabrze experience
P. Tomaszewski, R. Przybylski, B. Ryfinski, M. Krason, P. Nadziakiewicz, J. Foremny, M. Zembala
- C126** Diabetic patients undergoing coronary artery revascularization: how severity of the disease alters aortic structure
M. Zembala, J. Nozynski, P. Tomaszewski, M. Krason, B. Ryfinski, T. Hrapkowicz, A. Farnas, J. Pacholewicz
- C127** A comparison of atherosclerotic burden between diabetics and non-diabetics using a quantitative angiographic scoring
Y. El-Moazamy, M. Balgaith, X. Yong, M.A Elamal, N. Wang, H.K Najm
- C128** Risk factors for cardiac surgery in octogenarians
S. Iyengar, C. Lloyd, D. Pontefract, R. Mehta, S. Livesey, S. Ohri

C16 – CORONARIES - POSTER EXHIBITION

- C129** Are the viability studies routinely necessary for the patients with left ventricular ejection fraction values between 0.20-0.30 before coronary artery bypass surgery?
A. Gurbuz, I. Ozsoyler, B. Lafci, S. Bozok, L. Yilik, C. Ozbek, A. Akcay, N. Karahan
- C130** Prospective, randomised comparison of depilatory cream *vs* clipping for preoperative skin preparation in patients undergoing vein harvesting for coronary surgery: preliminary results of Veet study
R. Jutley, R. Janas, M. Matuszewski, K. Hill, S. Goad, T. Locke
- C131** Optimization of preoperative and postoperative management of patients with type 2 diabetes mellitus, undergoing coronary artery bypass surgery with cardiopulmonary bypass
E. Golukhova, L. Bockeria, G. Chebotareva
- C132** Sequential profunda bypass: direct revascularization of profunda femoral artery and effectiveness in limb salvage in severe peripheral limb ischemia
A.K. Tuygun, S. Sahin, A. Tuygun, N. Yurtseven, I. Ozdomanic, A. Kanca, I. Yekeler
- C133** State of coronary flow in patients with arterial hypertension and ischemic heart disease depends on 24-hour blood pressure profile
V. Tashchuk., T. Ilashchuk
- C134** Low dose dobutamine stress echocardiography to predict reversibility of mitral regurgitation with CABG
F. Roshanali, M. Mandegar, M. Yousefnia

- C135** Quality of life in patients with type 2 diabetes mellitus before and after coronary artery by-pass surgery
V. Peric, M. Borzanovic, A. Jovanovic, R. Stolic
- C136** Comparison of the effects of the different drugs on the spasm of the radial artery grafts used in the patients undergoing coronary artery by-pass grafting surgery
V. Nisanoglu, N. Erdil, R. Tuten, H.B. Cihan, K. Aydemir, N. Aydin, R. Kutlu, B. Battaloglu
- C137** Inhibition of poly(adp-ribose) polymerase reduces cardiomyocytic apoptosis after global cardiac arrest under cardiopulmonary bypass
C.H. Yeh, C.H. Lee, T.P. Chen, Y.M. Lin
- C138** Shortening the time of aortic crossclamping and extracorporeal circulation in high-risk patients with ischaemic heart disease by means of the St. Jude graft connector
V. Bruk
- C139** Evaluation of myocardial revascularization results by body surface potential mapping
E. Golukhova, I. Polyakova, M. Kruglova, L. Bockeria
- C140** Vascular growth factors in the development of restenosis after percutaneous coronary interventions
Y. Buziashvili, S. Matskeplishvili, J. Kamardinov, A. Staferov, M. Eldarov, K. Skryabin, M. Kirpichnikov, L. Bokeria, R. Petrov
- C141** The effect of the skin and subcutaneous incisions on stimulation of angiogenesis and arteriogenesis in the patients having peripheral arterial disease
C. Ozbek, M. Kestelli, E. Tulukoglu, B. Emrecan, T. Goktogan, S. Bozok, H. Yasa, A. Gurbuz
- C142** Experimental rationale and the first experience of therapeutic angiogenesis using VEGF 165 gene in patients with ischemic heart disease
L. Bockeria, E. Golukhova, M. Eremeeva, I. Aslanidi, V. Merzliakov, G. Georgiev, S. Kiselev, I. Berishvili, M. Vakhromeeva, R. Serov, T. Artiuhina, Y. Basarab, E. Polyakova, M. Lukashkin.
- C143** Serum electrolyte concentration and urine electrolyte excretion following coronary artery bypass grafting surgery
M. Svagzdiene, R. Benetis, E. Sirvinskas

V1 – VALVES I

- V001** Microembolism in patients 1 year after heart valve surgery
V. Dalinin, J. Svennevig, P. S. Lingsaas, K. Hatteland
- V002** The low INR treatment strategy of oral anticoagulant therapy for Chinese patients with mechanical heart valve prostheses
X. Meng, H. Zhang
- V003** The On-X mechanical heart valve prosthesis aspirin-only trial: preliminary results at up to 16 months follow-up
U. Mehlhorn, A. Laczkovics, K. Matschke, D. Reber, P. Savvidou-Zaroti, I. Schade, A. Liebold
- V004** Preoperative anticoagulation and a successful mitral valve replacement in a patient with extended cerebral hemorrhagic infarctus
A. Cekirdekci, U. Yetkin, E. Ayva, N. Eren, T. Sasirtan, E. Yetkin, D. Kaya, M. Yaman
- V005** Anticoagulation after biological aortic valve replacement is unnecessary for patients with sinus rhythm prior to surgery
P. Vogt, A. Menon, I. Martinovic, H. Zurbruegg, M. Schoenburg, M. Heidt
- V006** Universal strut chordae sparing mitral leaflets replacement: new technique for preserving of anterior and posterior annuloven-tricular continuity
S. Dzemeshevich, S. Korolev, V. Raskin, V. Vodyassov, J. Frolova, V. Grammovich, E. Sinitsin, R. Akchurin
- V007** Reconstruction of left atrium and ventricle by preservation of mitral valves apparatus and plasty of left atrium during mitral valve replacement
V. Popov, L. Sytar, V. Beshlyaga, I. Gekov
- V008** Our experience of different surgical approaches in narrow aortic root problems
A. Bogachevprokophiev, A. Karaskov, S. Jeleznev, V. Nazarov, N. Glotova, S. Lavinykov
- V009** *In situ* continuous suturing technique for mitral valve replacement: long-term results
S. Rathinam, T. Sundaramoorthi, M. Kalkat, M. Loubani, J. Parmar

V2 – VALVES II

- V010** Minimally invasive mitral valve surgery: is the aortic cannulation secure?
P.M.A. Pomerantzeff, M.A. Guedes, C.M. Brandao, M.K. Momolli, J.M. Albuquerque, N.A. Stolf, S.A. Oliveira
- V011** Minimally invasive approach. The better way for redo mitral valve surgery
T. Kuntze, J.F. Onnasch, V. Falk, W. Gerber, E. Girdauskas, J. Gummert, F. Mohr
- V012** Minimally invasive mitral surgery: experience with lower mini-sternotomy
C. Bolcal, M. Sargin, I. Mataraci, H. Iyem, M.A. Sahin, E. Ozal, U. Demirkilic, H. Tatar
- V013** Measure of calcium volume in excised stenosed aortic valves: micro CT *vs* MRI
A. Tendulkar, B. Halloran, D. Saloner, N. Gundiah, M. Ratcliffe, E. Tseng

V014 Quantification of aortic valve calcium by CT correlates with severity of aortic stenosis
A.P. Tendulkar, B. Halloran, D. Saloner, N. Gundiah, M.B. Ratcliffe, E.E. Tseng

V015 Use of an electric drill in aortic valve replacement for extensive calcific disease
H.S. Bedi, R.P. Singh, B. Sengar

V016 Aortic valve plasty: early results
R. Benetis, J. Vaskelyte, L. Vaskelyte, S. Kinduris, S. Giedraitis

V3 – VALVES IV

V017 Mitral valve repair: the Kaunas experience
R. Benetis, J. Vaskelyte, L. Jankauskiene, E. Ereminiene, S. Kinduris

V018 Reverse left ventricular remodelling after undersized mitral annuloplasty in patients with ischemic valve regurgitation
S. Gelsomino, I. Capecchi, S. Romagnoli, S.S. Bevilacqua, C. Rostagno, S. Caciolli, P. L. Stefano

V019 Results of surgery for irreversible moderate to severe mitral valve regurgitation secondary to ischemic heart diseases
V. Shumavec, Y. Ostrovski, N. Moroz Vodolajskaja, A. Shket, A. Janushko

V020 Measured posterior annuloplasty for ischemic mitral regurgitation
A. Jyrjala, G. L. Kay

V021 Mitral valve repair with the jostra flexible and ajustable annuloplasty ring: retrospective one year study
I. Flajsig, E. Castells, J.M. Calbet, E. Saura, C. Fontanillas, A. Miralles, J. M. Rabasa, M. Benito, A. Mayosky

V022 Mitral valve plastic procedures: early and late postoperative results
E. Gateliene, L. Latveniene, L. Ivaskевичiene, V. Sirvydis, G. Uzdavinys

V023 Anatomical-functional mechanisms of mitral regurgitation after inferior myocardial infarction: early results of mitral valve repair
R. Benetis, J. Vaskelyte, E. Ereminiene, N. Stokute, L. Jankauskiene

V024 Reconstruction of mitral and tricuspid valves in patients with primary dilated cardiomyopathy
N. Radovanovic, L. Petrovic, S. Nicin, B. Mihajlovic, Z. Jonjev, M. Zorc, D. Petrovic

V4 – ARRHYTHMIA'S SURGERY

V025 The development of "off-pump" tachyarrhythmia surgery in Lithuania
J. Bredikis, A. Bredikis

V026 Atrial remodelling markers in patients with atrial fibrillation and mitral valve disease after surgery of valvular pathology
E. Golukhova, L. Bockeria, N. Kochladze, V. Mackarenko, S. Alexandrova

V027 Comparison of transeptal and septal-superior approaches during mitral valve surgery combined with intra-operative radiofrequency modified Maze procedure
A. Aidietis, K. Rucinskas, V. Sirvydis, A. Grebelis, G. Marinskis, P. Jurkuvenas, S. Aidietiene, G. Uzdavinys

V028 The effectiveness of the Maze procedure using cooled-tip radiofrequency ablation in patients with permanent atrial fibrillation and rheumatic mitral valve disease
C. Abreu Filho, L.A. Dallan, L.A.F. Lisboa, M. Scanavacca, E.A. Sosa, M. Grinberg, G. Spina, N.A. Stolf, J.A. F. Ramires, S.A. Oliveira

V029 Results of endocardial radiofrequency ablation of atrial fibrillation during mitral valve surgery
U. Demirkilic, C. Bolcal, C. Gunay, S. Doganci, V. Temizkan, E. Kuralay, M. Arslan, M. Tatar

V030 One-year results of modified Maze procedure for treatment of chronic atrial fibrillation in patients undergoing mitral valve repair or replacement
S. Gelsomino, C. Rostagno, S. Romagnoli, S. Bevilacqua, S. Caciolli, I. Capecchi, P.L. Stefano

V031 Left atrial size reduction improves the sinus rhythm conversion rate after radiofrequency ablation for continuous atrial fibrillation in patients undergoing concomitant cardiac surgery
M. Scherer, P. Therapidis, A. Miscovic, A. Moritz

V032 Evaluation of atrial contractility after surgical atrial fibrillation ablation
E. Manasse, A. Barbone, E. Citterio, A. Eusebio, R. Lutman, D. Ornaghi, F. Settepani, G. Silvaggio, G. Brambilla, R. Gallotti

V033 Liquid nitrogen cryotherapy device in use of surgical treatment of atrial fibrillation
P. Suwalski, G. Suwalski, P. Scislo, J. Kochanowski, F. Majstrak, A. Kurowski, K. Suwalski

V5 – VALVES V

V034 Composites of valve-related complications after aortic valve replacement with bioprostheses: predictors and outcomes
J. Puvimanasinghe, E. Jamieson, G. Grunkemeier, G. Fradet, J. Takkenberg, M. Eijkemans, P. Kappetein, A. Bogers

V035 Midterm results and predicted long-term outcomes after aortic valve replacement with Medtronic stentless freestyle bioprostheses
J. Puvimanasinghe, P. Kappetein, J. Takkenberg, M. Eijkemans, A. Bogers

- V036** Early experience with Shelhigh aortic valve and aortic root replacement: 263 cases
M. Matuszewski, A. Sosnowski, R. Janas, R. Jutley
- V037** Long term follow-up with the St. Jude medical Biocor porcine bioprostheses in mitral position
P.M.A. Pomerantzeff, C.M. Brandao, J. Oliveira Junior, J.M. Albuquerque, N.A Stolf, M.A. Guedes, S.A. Oliveira
- V038** New generation of epoxy-treated cardio-vascular bioprostheses
L. Barbarash, I. Zhuravleva
- V039** Valve replacement with new Belarussian mechanical prosthesis Planiks-T
Y. Ostrovsky, V. Kardash, N. Maroz Vadalazhskaya, I. Vodolazhskiy, S. Balashko, I. Bychkova
- V040** Long-term clinical performance of omnicarbon tilting-disc mechanical prostheses in the aortic position
R. Gomez, P. Llamas, J. Meseguer, J. Gomez Plana, J.M Parra, J. Sanchez Paya, A. Hurler
- V041** A single-suture line pericardial stentless valve
A. Repossini, I. Kotelnikov, R. Bouchiki, T. Torre, B. Passaretti, O. Parodi, V. Arena

V6 – VALVES VI

- V042** Timing of aortic valve replacement as a decisive factor for short-term survival
U. Tochtermann, B. Osswald, D. Badowski-Zyla, G. Thomas, S. Hagl
- V043** Usefulness of midwall indices of systolic function to predict outcome after aortic valve replacement for pure aortic stenosis
S. Gelsomino, S. Romagnoli, S. Bevilacqua, C. Rostagno, S. Caciolli, I. Capecchi, P.L. Stefano
- V044** Risk-factors in surgery of combined mitral-aortic valve diseases
V. Popov, L. Sytar, V. Beshlyaga
- V045** Beating-heart valvular surgery for patients with severely compromised ventricular function
P. Kakhktsyan, I. Scopin, V. Pichugin, I. Akimov
- V046** Impact of coronary artery bypass grafting in operative risk of aortic valve replacement
J. Oliveira, Lima Junior, C.M. Brandao, J.C. Rossine Iglezias, P.A. Pomerantzeff, S. A. Oliveira
- V047** Aortic valve replacement after CABG: a high-risk procedure?
S. Christiansen, R. Autschbach
- V048** Should the aortic valve be replaced in patients with mild aortic stenosis admitted for coronary surgery?
A. Boening, S. Buerger, S. Fraund, A. Rahimi, G. Lutter, J. Cremer
- V049** Evaluation of the long-term results of tricuspid valve replacement
M. Mert, A. Arat-Ozkan, A. Akcevin, I. Bakir

V7 – VALVES VII

- V050** Multiple valve reoperation. Review of surgical aspects and results of 45 cases
C.M. Brandao, P.M.A. Pomerantzeff, J.M. Albuquerque, M.A. Guedes, A.N. Saroute, N.A Stolf, S.A Oliveira
- V051** Redo valve procedures for prosthetic heart valve thrombosis: a single center experience
R. Lacis, R. Koltis, U. Strazdins, P. Stradins, A. Avots, J. Volkolakovs, M. Jagmanis, J. Pavars
- V052** Causes and results of heart valve prostheses reoperations
A. Grebelis, G. Turkevicius, R. Cypiene, P. Semeniene, B. Adomonyte, G. Nogiene, G. Uzdavinys, V. Sirvydis
- V053** Surgical treatment of valve endocarditis: 11-year experience
A. Panza, G. Mastrogianni, P. Masiello, R. Leone, F. Itri, E. Coscioni, G. Bottigliero, S. Iesu, S. Gelsomino, G. Di Benedetto
- V054** Infective endocarditis of the aortic valve: surgical treatment using fresh, antibiotic sterilized aortic homograft
M. Peric, A. Knezevic, B. Djukanovic, D. Nezc, M. Borzanovic, M. Jovic, D. Sagic
- V055** Predictors of adverse and favorable outcomes in patients undergoing surgery for infective endocarditis
N. Dobrilovic, B. Hirsch, S. Sallach, M. Paul, M. White, G. Peterson, M. Wait, W S. Ring, M. Jessen, C. Cabell, J M. Dimairo
- V056** Influence of the total body controlled hyperthermia on an organism increase of resistance to infection in patients with infective endocarditis
G. Knyshev, A. Vorobyova, V. Maksimenko, L. Klimova, E. Bespalova, Z. Balannik, A. Gurtovenko, M. Atamanyuk

V8 – VALVES III POSTER SESSION

- V057** Role of intraoperative transesophageal echocardiography in patients undergoing valve replacement
F. Roshanali, M. Mandegar, M. Yousefnia
- V058** Evaluation of paravalvular jet in valve replacement before and after protamin detected by intraoperative transesophageal echocardiography
F. Roshanali, H. Moshtaghion

- V059** Compression between risk of primary and redo mitral valve replacement
F. Roshanali, M. Mandegar, M. Yousefnia
- V060** The comparison of midterm results of aortic valve replacement on left ventricular function those are made with St. Jude and Carbomedics mechanical aortic valve prosthesis
C. Ozbek, E. Tuluk.Oglu, B. Pamuk., I. Ozsoyler, B. Emrecan, R. Koca, M. Kestelli, A. Gurbuz
- V061** Aortic annulus enlargement in our cardiac surgery department 2001-2005
C.L. Busmann, P. Kabella, A. Somogyi, R. Racz, F. Tarr
- V062** Autologous pericardium for the aortotomy reinforcement in the surgical treatment of the aortic valve
M.A. Guedes, P.M. Pomerantzef, C.M. Brandao, R.C Segalote, N.A Stolf, S.A. Oliveira
- V063** Giant unruptured sinus of valsalva aneurysm causing right atrial tamponade 17 years after aortic valve surgery
V. Nisanoglu, N. Erdil, H.B. Cihan, M. Aldemir, T. Eroglu, B. Battaloglu
- V064** Surgical treatment of active infectious aortic valve endocarditis with associated perivalvular abscess
P. Semeniene, R. Cypiene, A. Grebelis, G. Nogiene, B. Adomonyte
- V065** The use of the stentless epoxy-treated aortic valves in active infective endocarditis
V. Aminov, A. Karaskov, I. Semenov, S. Zheleznev, D. Shmatov
- V066** Early experiences and short-term follow up with the SOLO FREEDOM stentless pericardial aortic heart valve
A. Yates, S. Huber, S. Schweiger, H. Maechler, D. Dacar, B. Rigler
- V067** Is durability of stented aortic valve bioprostheses shortened by atherosclerotic burden?
J. Chiu
- V068** Tricuspid valve replacement, mechanical versus biological prosthesis: an analysis of 23 years of experience
S. Rauegele, R. Sudikiene, A. Grebelis, V. Sirvydis, G. Nogiene, R. Sipavicius, R. Cypiene, P. Semeniene

P1 – PEDIATRIC CARDIAC SURGERY I

- P001** Thirteen-year experience with the arterial switch operation
V.G. Lubomudrov, V.L. Kungurtsev, I.N. Menshougin, A.L. Tsitko, E.V. Mikhailova, V.V. Molchanov, A.M. Kukulevitch
- P002** Optimum timing for early definitive repair of Fallot Tetralogy under the age of 12 months
A. Ooi, G. Baliulis, N. Moorjani, J. L. Monro, M. Haw
- P003** Tetralogy of Fallot in infants: is it a chance to decrease percent of transannular patching?
L. Bockeria, D. Ryabtsev, A. Kim, O. Makhachev
- P004** Reoperation after correction of Tetralogy of Fallot
R. Karalius, G. Nogiene, V. Zilinskas, V. Lebetkevicius, R. Sudikiene, V. Sirvydis
- P005** Double outlet right ventricle combined with aortopulmonary window
A. Kupryashov, L. Bockeria, M. Zelenikin, O. Makhachev, V. Ilyin
- P006** Lung pathology following cardiopulmonary bypass in patients with Down syndrome and common atrioventricular canal
W. Pietrzykowski, W. Zielinski, M. Moll, J. Moll, J. Moll
- P007** Atrioventricular valves regurgitation: surgical considerations within the Fontan procedure
I. Yurlov, V. Podzolkov, M. Zelenikin, D. Kovalev
- P008** Histomorphometric analysis of pulmonary vessels changes and its influence on the results of the Fontan-type operations
S. Gorbachevsky, L. Bockeria, A. Shmalz, A. Gorchakova

P2 – PEDIATRIC CARDIAC SURGERY II

- P009** Ten-year experience with heart valve replacement in infants and children aged 4 years and younger
L. Bockeria
- P010** Modified technique of proximal homograft anastomosis in Ross operation
V. Sirvydis, V. Lebetkevicius, R. Sudikiene, V. Tarutis, R. Karalius, O. Barisaite
- P011** Mid-term results of pulmonary valve autotransplantation in adults
A. Karaskov, S. Jelesnev, V. Nazarov, A. Bogachev-Prokophiev, S. Lavinykov, N. Glotova, N. Larionova, M. Matygin
- P012** Midterm results of modified implantation of pulmonary autografts in bicuspid aortic valve disease
F. Oezaslan, A. Simon, T. Wittlinger, M. Doss, A. Moritz
- P013** Late results of Ross procedure: passive dilatation of pulmonary autograft followed by its active growth
M. Kopala, J. Moll, J. Moll, K. Mludzik, A. Sysa
- P014** Ross procedure: follow-up results
R. Sudikiene, V. Lebetkevicius, V. Tarutis, R. Karalius, V. Sirvydis
- P015** Use of cryopreserved homografts for surgical repair of congenital heart diseases: 10 years' experience
L. Bockeria, V. Podzolkov, D. Britikov, V. Kostava

- P016** Comparison of commercial porcine xenografts and pulmonary cryopreserved allografts used for pulmonary valve replacement in children
A. Karaskov, Y. N. Gorbatykh, Y. S. Sinelnikov, O. V. Tchashin, A. K. Latypov, G. S. Zaitsev, E. V. Grekhov
- P017** Decellularized human valve homograft
V.A. Bolsunovsky, V.G. Lubomudrov, T. Nevvazhay
- P018** Early and mid-term results of Contegra conduit for right ventricular outflow tract reconstruction in pediatric patients
G. Oppido, C. Pace Napoleone, S. Turci, A. Giardini, M. Angeli, E. Pilato, G. Gargiulo
- P019** Surgical repair of interrupted aortic arch: a 30-year experience of 63 patients from one institution
P. Pastuszko, R.C. Elkins, M.M. Lane, E.D. Overholt, K.E. Ward, S.S. Baker, M.D. Peyton, C.J. Knott-Craig

P3 – PEDIATRIC CARDIAC SURGERY III

- P020** Aortic arch reconstruction *via* median sternotomy in newborns weighing less than 2 500 grams
G. Oppido, C. Pace Napoleone, S. Turci, M. Angeli, A. Giardini, E. Pilato, G. Gargiulo
- P021** Repair of recurrent coarctation using an ascending aortic autograft
I. Martinovic, A. Serraf, R. Hennequin, E. Belli, H. Koester, H. El-Farra, H. Naraghi, S. Lindemann, R. Moosdorf
- P022** Our experience in management of children and adults with Bland-White-Garland syndrome
L. Gumbiene, A. Dranenkienė, D. Zakarkaite, V. Sirvydis
- P023** Experience of surgical treatment of cardiac arrhythmias in patients with congenital heart diseases
L. Bockeria, E. Golukhova, M. Dadasheva, A. Revishvili, T. Kakuchaya

P4 – PEDIATRIC CARDIAC SURGERY IV

- P024** Ebstein's anomaly: techniques and results
S. Chauvaud
- P025** Surgical correction of HOCM in children by a new approach
L. Bockeria, K. Borisov, A. Sinyov, E. Zlotchevskaya
- P026** First experience of the Konno aortoventriculoplasty for repair of left ventricular outflow tract obstruction
A. Karaskov, Y.N. Gorbatykh, V.G. Stenin, A.N. Arkhipov, A.A. Ivanov
- P027** Konno procedure with MVR via aortotomy for destructive endocarditis with left ventricular outflow tract lvoto
H.S. Bedi, R.P. Singh, B. Sengar
- P028** Primary heart tumours in children. What to do?
I. Gogichaishvili, L. Bockeria, R. Muratov, R. Serov
- P029** Cardiac tumors in infants and children. Four years' experience in the Latvian state cardiology centre for children
A. Lacis
- P030** Scoliosis and median sternotomy in children with congenital heart disease: a frequent association
P.A. Sanchez, M.A. Ruiz-Iban, J. Burgos, H. Aguado
- P031** Possibilities and limitations of minimal thoracotomy and sternotomy approaches in congenital septal defects surgery
V. Tarutis, V. Lebetkevicius, D. Liekiene, R. Sudikiene, K. Lankutis, L. Lauciuviene, V. Sirvydis
- P032** Comparison of right anterolateral thoracotomy and median sternotomy approaches in the treatment of septal heart defects: a case matched study
I. Mokryk, V. Demyanchuk, Y. Savelenko, M. Glagola, V. Lazoryshynets

P5 – PEDIATRIC CARDIAC SURGERY V POSTER SESSION

- P033** Simultaneous repair of congenital heart malformations and associated aortic obstruction in infants
V. Ilyin, A. Vinokurov, M. Ishkhanjan, A. Aitbaeva
- P034** Surgical treatment of ventricular septal defects associated with aortic insufficiency
M. Mustaev, K. Babadjanov
- P035** Surgical repair of ventricular septal defects in first year of life. Early and long time results
L. Smits, A. Lacis, V. Zidere, I. Lubaua, Z. Straume, I. Lace
- P036** Successfully operated adult cor triatrium
S. Talay, V. Yurtman, C. Turkay, I. Golbasi, A. Mete, O. Bayezid
- P037** Mitral annular tumors: report of two cases in childhood
V. Kutay, C. Yakut
- P038** Multiple rhabdomyomas, surgically resected from the right and left ventricles: a case report
K. Lankutis, V. Sirvydis, V. Lebetkevicius, V. Tarutis, D. Liekiene, R. Sudikiene

- P039** Congenital coronary artery fistulas in children: diagnosis, surgical technique and results
A. Laciš, I. Lubaua, V. Zidere, I. Lace
- P040** Predisposition factor of the foreign body aspiration in respiratory arrest patient: double right arcus aorta with atresic left arch
S.T. Liman, S. Topcu, H. Akbas, H.T. Sarisoy, E. Ozker, M. Kanko
- P041** Anomalous origin of left coronary artery from the pulmonary trunk in a mildly symptomatic adult female: a case report
K. Tseng, T.W. Chu, K.J. Lee, J. Wei
- P042** Extreme destruction of mitral valve by brucella endocarditis in an adolescent
V. Kutay, S. Ozcan, Y. Melek, H. Ekim, C. Yakut
- P043** Pediatric cervical rib: case report.
S. Sen, B. Discigil, M. Boga, E. Ozkisacik, I. Inci

I1 – CONGENITAL HEART DISEASE: INTERVENTIONAL CARDIOLOGY

- I001** Surgical or transcatheter closure of the most common cardiovascular defects with left to right shunt
J. Bialkowski, M. Szkutnik, J. Skalski, J. Kusa, J. Baranowski, P. Banaszak, I. Haponiuk, D. Pyplacz, B. Zeifert, M. Zyla-Frycz, A. Skiba, J. Rycaj, P. Knapik, J. Czaplá, E. Urbanska, S. Regiec, M. Zembala
- I002** Surgical asd closure in the era of interventional procedures
A. Boening, N. Gerken, J. Scheewe, G. Fischer, H.H. Kramer, J. Cremer
- I003** Percutaneous interventional closure of large pulmonary arterio-venous fistulae with the Amplatzer Duct Occluder
J. Bialkowski, C. Zabala, M. Szkutnik, J.A. Montes, J. Kusa, J. Baranowski, M. Zembala
- I004** Coil embolization replaces surgical resection in pulmonary AVMs
K. Ando, H. Osada, K. Yokote, Y. Nakajima
- I005** Multiple pulmonary arteriovenous fistulas: Osler-Weber-Rendu syndrome. Successful combined treatment
D. Liekiene, E. Kosinskas, R. Janilionis, A. Dranienkiene, R. Karalius, V. Sirvydis
- I006** Rescue stenting of thoracic aorta in 3 adult patients with severe complications of coarctation of aorta
J. Bialkowski, M. Szkutnik, J. Kusa, J. Baranowski, H. Krupa, M. Krason, M. Zembala
- I007** Stenting of the arterial duct in infants with duct-dependent pulmonary circulation
T. Grigoryants, L. Bockeria, A. Kim

Y1 – MYOCARDIAL REGENERATION THERAPY WORKSHOP

- Y001** Human cord blood cells attenuate post-infarct remodeling processes in NOD/scid-mice
N. Ma, G. Steinhoff, C. Stamm, A. Kaminski, Y. Ladilov, W. Li, B. Mueller-Hilke, L. Zhang, D. Egger
- Y002** Intramyocardial delivery of CD133+ bone marrow cells is more effective in patients with severely reduced left ventricular function
C. Stamm, A. Liebold, B. Westphal, H.D. Kleine, S. Dunkelmann, C.A. Nienaber, M. Petzsch, M. Freund, G. Steinhoff
- Y003** Percutaneous stem cells transplantation. An update
F. Fernandez-Aviles, A. Villa, M. Gomez-Bueno, C. Hernandez, O. Gutierrez, P. L. Sanchez, A. San Roman, J. Garcia Frade, F. Fernandez-Aviles
- Y004** Surgical and percutaneous autologous skeletal myoblast transplantation in patients with postinfarction heart failure-safety issues
T. Siminiak, R. Kalawski, D. Fiszer, O. Jerzykowska, P. Kalmucki, N. Rozwadowska, M. Kurpisz
- Y005** Embryonic stem cell therapy for non revascularizable myocardium
V.M. Kohli, G. Shroff, S. Chandna, S. Juneja, A. Jain, A. Srivastava
- Y006** Development of muscle-derived primary cell lines for heart repair
V. Bukelskiene, D. Baltriukiene, D. Bironaite, R. Sirmenis, M. Balciunas, A. Kalvelyte

T1 – THORACIC I

- T001** Evaluation of effectiveness of thoracic empyema and bronchopleural fistula treatment with use of single-pedicled muscle flaps in 12 months observation
K. Gozdziuk, A. Sawa
- T002** Results of omentoplasty in treatment of postpneumonectomy pleural empyema and bronchial stump fistula
T. Laisaar
- T003** Surgical treatment of chronic postpneumonectomy empyema with bronchopleural fistula
A. Malinovskiy, G. Boyarkin
- T004** Pulmonary resection for multi-drug resistant pulmonary tuberculosis
P. Danail, V. Djambazov, T. Minchev, D. Stefanova, P. Mihail, E. Goranov

- T005** Morphological evaluation of healing processes in experimental bronchopleural fistula treated with use of myoplasty surgery
K. Gozdzziuk, A. Sawa, D. Skomra
- T006** Non-small cell lung cancer and pulmonary tuberculosis
G. Boyarkin, V. Tarasov, M. Kalechenkov, A. Malinovskiy, E. Pobegalov
- T007** Laryngotracheobronchial trauma: management of early and late airway disruption
R. Janilionis, V. Nekrasas, V. Gruslys, A. Kybartas, G. Kiskis
- T008** Heart injuries: our experience in 80 patients
L. Yilik, B. Abud, S. Bozok, S. Bayrak, B. Ozbek, C. Ozbek, A. Akcay, A. Gurbuz
- T009** Gun shot wounds of the chest. Data and experience of 20 years
V. Jovaisas, A. Kybartas, Z. Jagelavicius, V. Gruslys, A. Zilinskas, G. Kiskis, J. Narbutas, I. Liubertiene, R. Janilionis

T2 – THORACIC II

- T010** Reasonable systematic nodal dissection for clinical tinomo adenocarcinoma of the lung
T. Naruke, H. Nomori, T. Ohtsuka, K. Watanabe, K. Suemasu
- T011** Side of resection is an important predictor of mortality after pneumonectomy
E. Black, J. Duffy, D. Beggs, E. Morgan
- T012** Surgery in high-risk patients: fiction or reality?
F. Regueiro Mira, M.V. Regueiro Mira
- T013** Sleeve resections: technical experience in 77 patients
G. Kalayci, S. Dilege, A. Toker, S. Tanju, S. Ziyade, D. Yilmazbayhan
- T014** Surgical treatment of T4 non small cell lung cancer
G. Magnanelli, G. Falezza, G. Furlan, A. Lonardonì, C. Bonadiman, C. Benato, S. Pergher, F. Calabro
- T015** How should we manage a small lung lesion of 1 cm or less?
E. Komori, S. Sawada, M. Yamashita, A. Kurita
- T016** What tendencies are in the surgical treatment of lung cancer during 1950-2003 years
A. Jackevicius, S. Cicenias, P. Naujokaitis, D.A. Piscikas
- T017** Evaluation of topoisomerase IIa correlating with molecular detection of the specific gene alteration and chromosome 17 instability in intraoperative imprints and surgical specimen of NSCLC
K. Skevis, A. Stamatelopoulos, E. Tsiampas, E. Thanopoulou, P. Sfiridis, M. Patronis, A. Karameris, A. Chatzimixalis

T3 – THORACIC III

- T018** Differential regulation of post-ischemic pulmonary inflammatory injury and endothelial function in response to hypoxic pre conditioning
A. Kaminski, C. Kasch, Y. Ladilov, L. Zhang, N. Ma, A. Liebold, C. Stamm, G. Steinhoff
- T019** The control of aerostasis and haemostasis in iterative thoracic surgery. The use of fibrin glue *versus* standard techniques in a series of 150 patients
P.P. Brega Massone, F. Ferro, B. Magnani, G. Sala, C. Lequaglie
- T020** Clinico-radiologic-morphologic characteristics of the lungs of multiple organ donors and prognosing the suitability of the lungs for transplantation
P. Yablonsky, V. Pischik, U. Levashev
- T021** The effect of transcutaneous electrical nerve stimulation in post-thoracotomy pain control
A. Erdogan, M. Erdogan, O. Aslaner, H. Kabukcu, A. Demircan
- T022** Postoperative nausea and vomiting. Prevention by identifying risk patients and using patient experiences
L. Brahe
- T023** Immunologic predictors of the risk of generalization in non-small cell lung cancer patients after complete resections
O. Kshivets

T4 – THORACIC VIII ESOPHAGUS AND MEDIASTINUM

- T024** Different modalities in the management of benign corrosive esophageal stricture
S. Keshk
- T025** Modifying surgical approach to oesophageal cancer: one size does not fit all
E. Black, A. Martin-Ucar, J. Duffy, E. Morgan, D. Beggs
- T026** Surgical decision making in treatment of the late esophageal fistula, complicated by mediastinitis, empyema, following thoracic aorta grafting
P. Yablonsky, V. Shlomin, A. Nokhrin

- T027** Malignant mediastinal masses: results of surgical intervention
S. Cicenias, P. Naujokaitis, D.A. Piscikas
- T028** Survival following oesophageal resection for carcinoma: the importance of the histological cell type
O. Khan, C. Alexiou, M. Field, D. Beggs
- T029** Video-assisted thoracoscopic thymectomy for myasthenia gravis: single institution experience on 48 patients
A. Toker, S. Tanju, O. Eroglu, S. Ziyade, S. Dilege, G. Kalayci

T5 – THORACIC V POSTER SESSION

- T030** Preliminary study of tracheal scaffold using an absorbable material
H. Tsukada, H. Osada, H. Inoue
- T031** Results of esophageal cancer treatment. Ten years' experience
A. Krasauskas, S. Cicenias, E. Stratilatovas, D.A. Piscikas, R. Mickevicius, E. Sangaila, J. Kurtinaitis
- T032** Esophageal achalasia
A. Zilinskas, R. Janilionis, A. Sucila, V. Gruslys, G. Kiskis, A. Kybartas, V. Jovaisas
- T033** Urgent bronchoscopies in lung surgery. Forty years' experience
P. Naujokaitis, S. Cicenias, V. Vencevicius
- T034** Malignant fibrous histiocytoma in thoracic surgical practice
C. Ozcelik, S. Onat, Z. Ozcelik
- T035** Video-assisted thoracoscopic surgery for the treatment of primary mediastinal tumors
M. Takahama, T. Tojo, K. Kushibe, M. Kimura, T. Kawaguchi, S. Taniguchi

T6 – THORACIC VI

- T036** Reducing corticosteroid administration to lung transplant recipients decreases the incidence of opportunistic infection without increasing early rejection
S. Shah, W. Vigneswaran, E. Garitty, M. Bakhos
- T037** The first experience of lung and trachea transplantation in Russia
P. Yablonsky, U. Levashev
- T038** Tracheal resection and reconstruction: 12-year experience
S. Rathinam, M. Kalkat, M. Sharma, F. Collins, J. Marzouk
- T039** Postintubation tracheal stenosis. Pathology and management
R. Janilionis, V. Gruslys, A. Sucila, G. Kiskis
- T040** Subcutaneous emphysema and pneumomediastinum. A report of 410 cases
N. Martucci, C. Bergaminelli, G. Liguori, L. Scotti, M. Vasta
- T041** Palliative treatment by endoscopic airway stenting
M. Capoccia, M. Awan, J. Rahamim
- T042** Prognosing the life span of COPD patients: specifying indication for lung transplantation
P. Yablonsky, T. Fedorova, U. Levashev
- T043** The potential of stenting in the treatment of tracheal stenosis
P. Yablonsky, A. Kozak, B. Shafirovsky, I. Vasilyev

T7 – THORACIC VII POSTER SESSION

- T044** Thoracomyoplasty: 31-year experience
S.T. Liman, T. Altinok, S. Topcu, A. Tastepe
- T045** Empyemectomy-treatment of pleural empyema. First experience of ultrasound pulmonary decortication
A. Kybartas, A. Zilinskas, G. Kiskis, V. Jovaisas, V. Gruslys, J. Narbutas, I. Liubertiene, R. Janilionis
- T046** The surgical treatment of lung cancer invading the chest wall. Reconstruction with Proplast
N. Baltayiannis, P. Sfyridis, D. Anagnostopoulos, N. Bolanos, N. Hakim, P. Zografos, E. Georgiannakis, A. Hatzimichalis
- T047** Videothoracoscopy in diagnosis and treatment of lung and pleural diseases
D.A. Piscikas, S. Cicenias
- T048** Surgical treatment of advanced lung cancer massive invading the left or both atriums
V. Andruschuk, Y. Ostrovsky, V. Zharkov, L. Shestakova, A. Valentjukevich, V. Malkevich, A. Baranov, N. Moroz-Vodolazhskaja, D. Krachak, S. Soloviev
- T049** Comparison of mersilene mesh-methyl methacrylate sandwich and olytetrafluoroethylene grafts for chest wall reconstruction
D. Kilic, H. Akay

- T050** Typical pneumonectomy *versus* bronchoplastic lobectomy for the treatment of lung cancer
A. Bagajevas, G. Kunigelis
- T051** Open heart surgery and simultaneous lung parenchyma resection
P. Dedeilias, A. Stamatelopoulos, K. Skevis, K. Voutetakis, P. Houdis, I. Bellenis, K. Bolos1
- T052** Initial chest tube management after pulmonary resection
G. Antanavicius, J. Lamb, P. Papasavas, P. Caushaj
- T053** Isolated sternal fracture and myocardial injury
A. Kogan, M. Berman, M. Stein, Y. Shapira, G. Georghiou, B. Vidne, A. Stamler

T8 – THORACIC IV POSTER SESSION

- T054** Routine histological analysis of resected lung tissue in primary spontaneous pneumothorax. Is it justified?
O. Khan, S. Iyengar, C. Barlow, K. Amer
- T055** Inhaled foreign bodies: presentation, management and value of history and plain chest radiography in delayed presentation
S. Sersar
- T056** Possibilities of preoperative staging of esophageal cancer
P. Gradauskas, R. Rubikas
- T057** Photochemotherapy consisting of photodynamic treatment with SNET2-associated LDL and vascular targeting agent vinorelbine exert synergistic MT depolymerizing action, antiangiogenicity, antimetastatic potential and induction of D2 apoptosis in chemo resistant non-small cell lung cancer overexpressing BCL-2, BCL-XL, BCL-W, BFL-1, MMP and MDR1
J. Giannios, P. Lambrinos, N. Alexandropoulos, E. Maragudakis
- T058** Emergency intensive care admission following elective thoracic surgery. An audit of outcome
O. Khan, R. Chau, C. Barlow, K. Amer
- T059** Long term effects of intentional phrensectomy and simultaneous diaphragmatic plication for thoracic oncological surgery
A. Toker, S. Tanju, S. Ziyade, S. Dilege, G. Kalayci
- T060** A simple technique of talc delivery for video-assisted thoracoscopic surgery talc pleurodesis
R. Jutley, R. Janas, P. Fenton, P. Sarkar

T9 – THORACIC POSTER EXHIBITION

- T061** Sternal resection and reconstruction using Marlex mesh with methylmethacrylate reinforcement in a patient with isolated sternal metastases from a nasopharyngeal anaplastic carcinoma
A. Kuzucu, M. Serin, O. Soysal, H. Erkal
- T062** Carcinoid tumor associated with bronchiectasis
A. Kuzucu, N. Karadag, O. Soysal
- T063** Cavernostomy and single-pedicled flap of trapezius muscle in surgical treatment of *aspergillus fumigatus* infection. Case report
K. Gozdzruk, A. Jablonka, T. Darocha
- T064** A pneumonectomy required for thoracic gunshot wound: injured upper lobe and a bullet in interlobar pulmonary artery
S. Topcu1, S. T. Liman1, D. Ceylan2, A. Aksoy1, E. Ozker1
- T065** Thoracic disc erniation: surgical treatment and results
G. Furlan, F. Faccioli
- T066** Lipoma of the diaphragm: case report
S. Sen, B. Discigil, I. Badak, U. Gurcun
- T067** Giant bronchogenic cysts: treatment and outcome
S.T. Liman, S. Topcu, T. Altinok, H. Akbas, M. Kanko
- T068** Metallic alien body in pleura after osteosynthesis of humerus
K. Gozdzruk, P. Rybojad, T. Darocha
- T069** Bilaterally pneumothorax and tension pneumopericardium after blunt chest trauma
S. Topcu, S.T. Liman, A. Aksoy, C. Acil, H. Akbas
- T070** Tracheo-innominate artery fistula. Report of 2 cases
H. Yaliniz, A. Tokcan, T. Ulus, O.K. Salih, M.S. Topcuoglu, H.H. Poyrazoglu, M. K Avsar
- T071** Spontaneous pneumothorax as first manifestation of bronchogenic carcinoma
V. Vencevicius, S. Cicenias

- T072** Management of the chylo-pleural fistula complicating emergency repair of ruptured thoracoabdominal aortic aneurysm
D. Zeltsman
- T073** Giant pulmonary bullea: a case presentation
T. Ekim
- T074** Treatment of stage IV invasive thymoma: report of a case
C. Ozcelik, Z. Ozcelik
- T075** Primary mediastinal echinococcosis
A. Erdogan, A. Ayten, A. Demircan
- T076** Giant mediastinal teratoma
T. Ekim
- T077** Unusual dumbbell tumours of the mediastinum: report of 3 cases
D. Kilic, B. Erdogan, H. Caner, A. Hatipoglu
- T078** Epidural analgesia compared with intravenous morphine analgesia after pneumectomy
R. Tikuisis, S. Cicenias, A. Zurauskas, P. Miliauskas, A. Jackevicius
- T079** The effect of vitamin D in wound healing of tracheal surgical injury
S.T. Liman, C.O. Kara, F. Bir, S. Topcu, G. Abban

H1 – THORACIC AORTIC SURGERY II

- H001** Composite valve graft *versus* supracoronary ascending aortic replacement
M. Brandt, T. Attmann, M. Ernst, N. Haake, A. Rahimi, A. Boening, J. Cremer
- H002** Marfan syndrome: problems of diagnostics and of surgical treatment of aortic aneurysms
L.L. Sytar, V. Popov, I. Kravchenko, A. Antoshenko, O. Khoroshkovata, M. Atamanyuk
- H003** Long term survival after surgery for acute ascending aorta dissection
S. Nicin, L. Petrovic, J. Lavac, M. Fabri, P. Kovacevic, Z. Jonjev, B. Mihajlovic, D. Nikolic, P. Dragic, N. Radovanovic
- H004** Temporary ascending-descending aortic shunt in surgery of descending thoracic aortic aneurysms
L.L. Sytar, V. Popov, A. Antoshenko
- H005** Surgical correction using conduits for ascending aorta aneurysm with the aorta valve insufficiency in patients with Marfan's syndrome. Complications and survival rate during remote period
R. Cypiene, P. Semeniene, A. Grebelis, G. Turkevicius, G. Nogiene, B. Adomonyte, V. Sirvydis
- H006** Perioperative aortic dissection
S. Cimen, B. Ozay, B. Ketenci, R. Gunay, E. Tuysuz, S.Sari M. Kagan, V. Ozkul, M. Demirtas
- H007** Left anterior small thoracotomy in patients with an isolated left descending artery occlusive disease. Early and long-term clinical and angiographic results results
G. Di Giammarco, M. Pano, P. Pelini, A. Bivona, D.L. Carlo, M. Contini, L. Gerardo, M. Di Mauro
- H008** Operations for degenerative diseases of the descending and suprarenal aorta
V. Triponis, G. Versockiene, D. Triponiene, E. Janauskas

H2 – THORACIC AORTIC SURGERY I

- H009** Risk factors for unfavorable outcome following aortic surgery using deep hypothermia and circulatory arrest
P. Totaro, N. Degno, I. Bennet, T. Meakin, V. Argano
- H010** The new concept of mild hypothermia (32°C) for surgery of the aortic arch
T. Aybek, P. Risteski, A. Zierer, H. Macit, S. Dogan, A. Moritz
- H011** Brain protection in surgical treatment of dissecting aortic aneurysms type I by De Bakey
L.L. Sytar, V. Popov, I. Kravchenko
- H012** Aortic arch aneurysms: combined one stage off pump cervical branch bypass and endovascular stent-graft implantation
A. Lomeo, G. D'arrigo, A. Scolaro, G. Mauceri
- H013** Hybrid repair for thoracic and thoracoabdominal aortic pathologies
H. Arbatli, O. Yilmaz, M. Arpaz, A. Tandogan, N.E. Yagan, F. Numan, B. Sonmez
- H014** Hybrid treatment of acute type A dissection of aorta. Endovascular and surgical methods combined
R. Przybylski, M. Krason, H. Krupa, P. Nadziakiewicz, Z. Kalarus, P. Knapik, M. Zembala
- H015** Transventricular cannulation: a safe alternative for repair of type-A acute aortic dissection
R. Janas, R. Jutley, C. Alexiou, M. Matuszewski, J. Swanevelde, A. Sosnowski
- H016** Antegrade *versus* retrograde perfusion for acute type-A aortic dissection: 10 years' experience
E. Girdauskas, T. Kuntze, J. Gummert, R. Krakor, A. Rastan, F. Mohr
- H017** Axillary artery cannulation for aortic reoperation
L. Yilik, I. Ozsoyler, B. Emrecan, B. Lafci, H. Yasa, Y. Besir, C. Ozbek, A. Gurbuz

E1 – HEART TRANSPLANTATION

- E001** Twenty-year single institution experience with 1 460 heart transplants
H. Laks, P. Almeda, J. Kobashigawa, J. Odum
- E002** Mediastinitis after heart transplantation
N. Stolf, A.I. Fiorelli, F. Bacal, C. Abreu Filho, E.A. Bocchi, R.H. Santos, S.A. Oliveira
- E003** What risk factors may influence long-term year survival after orthotopic heart transplantation?
M. Maruszewski, M. Zakliczynski, A. Krynicka, R. Przybylski, A. Baranowska-Kosakowska, J. Nozynski, M. Zembala
- E004** A 1-year evaluation of prophylactic donor tricuspid annuloplasty in orthotopic heart transplantation
A.I. Fiorelli, N.A. Stolf, C.A. Abreu Filho, R.H. Santos, F. Bucu, V. Issa, E.A. Bocchi, J. A.F. Ramires, S.A. Oliveira
- E005** Primary cardiac sarcomas: an indication for transplantation?
I.M Keeling, R. Maier, A. Pilhatsch, A. Yates, B. Rigler
- E006** Long term follow-up of heart transplant recipients with pre-transplant malignancies
J. Ladowski, S. Ladowski, M. Abel, L. Beatty, M. Scatena
- E007** Younger heart transplant recipients are at higher risk of coronary vasculopathy late onset
M. Zakliczynski, M. Maruszewski, M. Swierad, H. Zakliczynska, A. Kosakowska-Baranska, M. Zembala
- E008** Combined heart and liver transplantation for familial amyloidotic polyneuropathy
E. Pilato, G. Arpesella, P.M. Mikus, G. Marinelli, E. Mikus, G. Oppido, A. Dell'Amore
- E009** Nuclear mean grey level and chromatin distribution in cardiocytes during acute cellular rejection of the transplanted heart
M. Zakliczynski, J. Nozynski, J. Wojarski, M. Zembala

R1 – HEART ASSIST

- R001** Initial experiences with a new pulsatile LVAD for intrathoracic implantation and partial unloading of the heart: the VERSUS pump
S. Christiansen, P. Kwant, A. Perez-Bouza, L. Demircan, R. Autschbach
- R002** An implantable axial blood pump for ventricular assistance
A. Novikov, O.V. Romanov, V. Tolpekin, D.V. Shumakov, A.K. Novikov, E. Stepanova
- R003** The effect of created experimental axial flow pump on the blood
L. Shestakova, D. Krachak, Y. Ostrovsky, O. Popov
- R004** The short term ventricular assist device (Impella®) for acute cardiac failure
V. Zemgulis, G. Myrdal, U. Lonn, E. Wassberg, J. Hultman, P.O. Joachimsson, U. Kjellman
- R005** Mechanical circulatory support systems: Berlin heart experience in Vilnius University Heart Surgery Center
S. Miniauskas, K. Rucinskas, K. Laurusonis, A. Laucevicus, V. Sirvydis
- R006** Clinical comparison between HeartMate VE auto mode and HeartMate XVE opti-fill and the effect of stroke volume on blood-chamber and inflow valve peak pressures
B. Rodermans, J. Lahpor, L. Van Schelven, E. Nieuwenhuis
- R007** Initial experience with the Incor Berlin heart LVAD
W. Vergauwen, D. De Bock, I. Rodrigus, B. Stockman, R. De Paep, V. Conraads

S1 – STEM CELL THERAPY SESSION

- S001** Characteristics of muscle stem cells and RH cell lines for cell transplantation
M. Kurpisz, M. Pupecka, N. Rozwadowska, M. Seidel, R. Kalawski, D. Fiszer, T. Siminiak
- S002** SDF-1 mediates endothelial stem cell adhesion: direct visualization by intravital fluorescence microscopy
A. Kaminski, N. Ma, Y.H. Choi, N. Lindenblatt, A. Liebold, B. Vollmar, G. Steinhoff, C. Stamm
- S003** Comparison the hemodynamic and histological results of cardiomyoplasty with endothelial cell application and endothelial cell transplantation alone for treatment ischemic cardiomyopathy
V. Chekanov
- S004** Evidence for improvement of cardiac function after sole therapy with AC 133+ BMCs
A. Ghodsizad, A. Borowski, R. Marktanner, E. Gams, M. Klein
- S005** Cell therapy by mesenchymal stem cells (CD 133+) in advanced coronary artery disease and dilative cardiomyopathy: clinical experience
M. Eremeeva, E. Golukhova, L. Bockeria, I. Volkovskaya, N. Chigogidze, I. Aslanidi, M. Vakhromeeva, A. Klyueva, I. Shurupova, A. Svobodov, T. Nikitina
- S006** Autologous bone marrow mononuclear cells transplantation for regenerative therapy of ischemic heart disease
S. Matskeshvili, L. Bokeria, Y. Buziashvili, J. Kamardinov

- S007** Clinical experience using of autologous mononuclear bone marrow cells in patients undergoing cardiac surgery
S. Akhmedov, V. Babokin, T. Suslova, S. Sazonova, V. Rjabov, Z. Vesnina, V. Shipulin, J. Korokin, R. Karpov
- S008** Our progress in research on cell therapeutics and its possible applications in treating ischemic myocardium
S. Abraham, Y. Mori, H. Yoshioka, S. Suzuki, M. Matsumoto
- S009** Inflammation, stem-cells and regeneration: expectancies in a close future
I. Flajsig, A. Mayosky, J. M. Rabasa, A. Miralles, C. Fontanillas, J. Toscano, D. Ortiz, E. Castells
- S010** Verapamil stimulates growth factor expression and NF-kappa B activation in cardiac cells
C. Heilmann, J. Brandstaetter, T. Loop, J. Chiribau, K. Foerster, F. Beyersdorf

X1 – EXPERIMENTAL

- X001** Analysis of acellularized porcine pulmonary valved conduits implanted in goats
W.G. Kim, J.-H. Huh
- X002** Efficacy of a novel method of tissue decellularization for prevention of calcinosis in heart valve (allo) xenografts
Muratov, L. Bokeria, V Akatov, D. Britikov
- X003** Model of stiff aorta. Systolic hypertension
P. Moulder, W.R. Rank, S.E. Delacroix, J.E. Cormier, L.H. Harrison, W.R. Webb
- X004** Positive effect of electrical stimulation on arteriogenesis and angiogenesis
V. Chekanov, I. Sheikh, D. Krum, J. Hare, I. Baibekov, P. Karakozov, T. Bajwa, M. Djelmami-Hani, R. Maddikunta, M. Akhtar
- X005** Angiogenic gene therapy. Electroporation as a safe and efficient method of enhancement of plasmid DNA mediated gene transfer *in vivo*
M. Zembala, A. Sokal, J. Kowalczyk, T. Cichon, J. Los, M. Tyrpien, R. Boczej, K. Tomaszek, S. Szala
- X006** A proposed Ca²⁺- unloading effect by levosimendan on ischemic pig myocardium
V. Zemgulis, G. Ronquist, A. Waldenström, M. Kavianipour, G. Wikström
- X007** Heart injury scoring system to evaluate the effect of erythropoietin on rat cardiac myocytes after traumatic brain injury
K. Ozisik, E. Yildirim
- X008** Electrical impulses attenuate advanced atherosclerotic progression
V. Chekanov, E. Mortada, R. Maddikunta, I. Sheikh, M. Djelmami-Hani, D. Krum, J. Hare, M. Akhtar
- X009** Impact of prenatal undernutrition on internal thoracic and coronary artery function
O. Khan, M. Hanson, S. Ohri, R. Chau
- X010** Minimal ischemic aortic surgery. A new method for repairing thoracoabdominal aortic aneurysm: experimental study
M. Unal, C. Konuralp, T. Bakalim, S. Yaldiz, M. Idiz, U. Unal, M. Arican
- X011** Repeated cardiac compression *versus* plastic cardiac binding and adynamic cardiomyoplasty in animal model of heart failure
V. Chekanov, P. Karakozov, A. Dumcius

M1 – CARDIAC MISCELLANEA

- M001** Left ventricular pressure-derivative loop: hemodynamic monitor
P. Moulder
- M002** Virtual reality simulator for robotic surgery
V. Dalinin, E. Fosse, O. Jakob Elle, F. Halvorsen, J.S. Rotnes
- M003** Video-assisted thoracic surgery pericardial resection for effusive disease
Y. Sugamura, H. Ikari, T. Nonaka, Y. Shigemasa, Y. Shibata, T. Shimizu, T. Kunizaki, R. Shibata, S. Taniguchi, S. Nakaji
- M004** VATS fenestration of pericardial tamponade under thoracic epidural anesthesia in high risk patients with asymmetric pericardial effusions
P. Danail, T. Minchev, S. Alexov, R. Petkov, V. Vlasov, G. Kirova
- M005** Cardiac surgery in patients aged 75 years and older. Early and mid-term results
P. Sielicki, K. Filipiak, S. Waligorski, A. Kazimierzak, S. Wiechowski
- M006** Cardiac reoperation by Carpentier bicaval femoral venous cannula
E. Kuralay, E. Ozal, C. Bolcal, C. Gunay, B. Oz, H. Tatar
- M007** Surgical correction of midventricular obstruction in HOCM patients by our method
L. Bockeria, K. Borisov, A. Sinyov
- M008** Left ventricular outflow tract obstruction and dysfunction of mitral valve in patients with hypertrophic cardiomyopathy: physiological background of surgery and dual-chamber pacing efficacy
G. Knyshov, V. Zalevskyy, V. Zakharova, O. Rasputniak, V. Beshlyaga, L. Dzachoyeva, Y. Bilinskiy, M. Dyrda, B. Kravchuk

M2 – POSTER SESSION MISCELLANEA I

- M009** Low molecular weight heparin for the clinical management in cardiac surgery
V. Kardash, Y. Ostrovsky
- M010** Unilateral pleural effusion as a symptom of cardiac insufficiency
A. Janicki
- M011** Delayed right ventricular perforation following insertion of a temporary pacer lead
R.S. Rim, C.T. Lin
- M012** Permanent hemodialysis catheter implantation into the right atrium via right mini thoracotomy
H. Yasa, C. Ozbek, B. Emrehan, B. Lafci, L. Yilik, B. Pamuk, S. Bayrak, A. Gurbuz
- M013** Contemporary approaches to the classification of sinus node dysfunction
V. Snezhitskiy
- M014** The results of follow-up of the patients with sick sinus syndrome
V. Snezhitskiy, L. Azarova, G. Madekina
- M015** Effect of the resting potential on the β -adrenoceptor response of the L-type calcium current in human atrial cells
J. Jurevicius, G. Kanaporis, R. Benetis, R. Fischmeister
- M016** Effects of carvedilol in patient with left ventricular noncompaction
O. F. Dogan, T. Hazirolan, M. Demircin, S. Ozkutlu
- M017** Gastrointestinal causes of chest pain
D. Witten, A. Vitenas
- M018** Decrease of vein graft intimal hyperplasia by means of photooxidation process
A. Yanushko, Y. Ostrovski, V. Shumavec, N. Shukanova, E. Lobanok
- M019** Hemolytic potential study of artificial heart valve prostheses *in vitro*
A. Fadeev, D. Nikolaev, V. Yurechko
- M020** Evaluation of myocardial ultrastructure and mitochondrial function during cardioplegia: an experimental study
L. Nasvytis, E. Sirvinskas, L. Raliene, A. Toleikis, S. Trumbeckaite, D. Majiene
- M021** The development of a percutaneously insertable catheter pump for temporary circulatory support
A. Stepanenko, A. Verevkin

M3 – POSTER SESSION MISCELLANEA II

- M022** Aortic arch replacements under deep hypothermic circulatory arrest
P. Hountis, P. Dedeilias, E. Apostolakis, A. Stamatelopoulos, S. Zaragas, V. Androutsopoulou, A. Pseudi, K. Bolos
- M023** Chronic pseudoaneurysm of the aortic arch
V. Kutay, M. Harman, C. Yakut
- M024** Acute ascending aorta dissection with myocardial infarction
M. Hekmat, M. Namazi, M. Majidi Tehrani, N. Kachoueian, N. Nazari, M. Beheshti Monfared, M. Arabnia, S.A. Hassantash, M. Rezvan Nobahar, A.M. Hallaj Zadeh, H.R. Taghipoor, M. Foroughi, N. Rezaei
- M025** Surgical treatment of obstructive familial hypertrophic cardiomyopathy
L. Bockeria, K. Borisov, A. Sinyov, H. P. Vosberg
- M026** Surgical removal of mobile thrombi in thoracic aorta
V. Sirvydis, A. Dranenkiene, L. Gumbiene, D. Zakarkaite, R. Malickaite, B. Adomonyte, R. Karalius
- M027** Our emergent surgery approach in an intrathoracic penetrating injury case with late-period postoperative VSD finding
A. Cekirdekci, U. Yetkin, N. Eren, E. Ayva, T. Sasirtan, E. Yetkin, R. Gulsivaci, D. Kaya
- M028** Cardiac myxomas: diagnostic approach and surgical treatment
V. Lastas, R. Karalius, A. Dranenkiene, A. Grebelis, G. Nogiene, V. Sirvydis
- M029** Surgical treatment of cardiac hydatid disease: a report of 7 cases
H. Yaliniz, A. Tokcan, T. Ulus, O.K. Salih, M. S. Topcuoglu, H.H. Poyrazoglu, C. Alhan, M. K Avsar
- M030** Cavoatrial extension of renal cell cancer: a case report
V. Sirvydis, F. Jankevicius, A. Grebelis, A. Sruogis
- M031** Intracardiac extension of intravenous leiomyomatosis: a case report.
V. Kutay, M. Tuncer, M. Harman, C. Yakut
- M032** Diagnostic imaging evaluations of a patient with renal cell carcinoma in right kidney extending to right atrium by vena cava inferior
U. Yetkin, C. Guler, H. Fidan, M. Demirtas, M. Acar, E. Ayva, T. Sasirtan, N. Eren, E. Yetkin, A. Cekirdekci

- M033** How should be the therapeutic approach in acute aortic occlusions to save the patient?
A.K. Tuygun, S. Sahin, R. Gunay, C. Konuralp, A. Tuygun, N. Yurtseven, A. Kanca, I. Yekeler
- M034** Abdominal aort aneurysm. A rare retroperitoneal chronic perforation
A. Erdogan, G. Gurses, A. Demircan
- M035** Early and mid-term results of irrigated radiofrequency left atrial ablation in chronic atrial fibrillation with concomitant mitral valvular pathology
L. Yilik, K. Bayatli, I. Ozsoyler, B. Emrecan, B. Lafci, S. Bayrak, C. Ozbek, A. Gurbuz

M4 – POSTER EXHIBITION MISCELLANEA

- M036** Nightmare after abdominal aort surgery: pancreatitis and paraplegia in the same patient
A.K. Tuygun, S. Sahin, A. Tuygun, A. Suzer, N. Yurtseven, Y. Sensoz, A. Kanca, I. Yekeler
- M037** Bovine ureter graft in vascular surgery surgery: case report
L. Yilik, H. Yasa, B. Emrecan, K. Bayatli, S. Bozok, B. Lafci, A. Ozelci, A. Gurbuz
- M038** Raynaud syndrome, secondary to Sjogren syndrome. Case report
U. Yetkin, E. Yetkin, E. Ayva, T. Sasirtan, N. Eren, A. Cekirdekci
- M039** Combination therapy with aspirin clopidogrel and warfarin in peripheral arterial disease
C. Ozbek, M. Kestelli, L. Yilik, T. Goktogan, I. Ozsoyler, B. Emrecan, S. Bayrak, A. Gurbuz
- M040** Maintenance of perfusion of the ischemic extremities retrogradely by increasing the venous pressure of the lower extremities according to the Bier's occlusion principle
C. Ozbek, L. Yilik, H. Yasa, M. Kestelli, I. Ozsoyler, E. Tulukoglu, K. Bayatli, A. Gurbuz
- M041** Biological materials in cardiovascular surgery. Morphological aspects of the usage
P. Karakozov, I. Baibekov, N. Strijkov, V. Chekanov, S. Wann
- M042** Micro relief of human normal heart coronary vessels
I. Baibekov, P. Karakozov, A. Butaev, S. Wann, V. Chekanov
- M043** Spatial organization of microcirculatory bed man's normal heart
S. Wann, I. Baibekov, P. Karakozov, V. Chekanov
- M044** Three-dimensional ultrastructure of biological materials used in cardiovascular surgery
V. Chekanov, I. Baibekov, P. Karakozov, B. Ibadov, S. Wann
- M045** The heart and vessels micro relief. Structural limits for cardiovascular surgery
I. Baibekov, P. Karakozov, B. Ibadov, V. Chekanov, S. Wann
- M046** Synthetic materials in cardiovascular surgery. The view of surgeon and morphologist
P. Karakozov, I. Baibekov, B. Ibadov, V. Chekanov, S. Wann
- M047** Radial extension of classical aortic dissection and its influence on hospital mortality
D. Zakarkaite
- M048** Intimal tear. The variant of aortic dissection when only cardiac surgery is both diagnostics and treatment
D. Zakarkaite, G. Uzdavinys, V. Sirvydis
- M049** Angiographic findings in non-Q-wave myocardial infarction
V. Bilkis, A. Kibarskis, G. Davidavicius, V. Abraitis
- M050** Effect of Ca²⁺ and stimulation frequency on the contraction force of failing human myocardium
V. Gendviliene, D. Zablockaite, I. Martisiene, J. Jurevicius, R. Benetis
- M051** Recurrent vascular echinococcosis
A. Erdogan, U. Gurses, N. Oz, A. Demircan
- M052** Peroxisome proliferator-activated receptor-alpha activation can attenuate cardiomyocytic apoptosis following global cardiac ischemia and reperfusion
C.H. Yeh, T.P. Chen, C.H. Lee, Y.M. Lin

U1 – ENDOVASCULAR PROCEDURES

- U001** Surgical correction of HOCM after failed transcatheter ablation of septal hypertrophy
L. Bockeria, K. Borisov, A. Sinyov
- U002** Mid-term results of aortic diameter outcomes after thoracic stentgraft implantation for aortic dissection: a multicenter study
Z. Negaiwi, J.P. Beregi
- U003** Endovascular treatment of aneurysms of thoracic aorta in patients with high risk of surgical intervention
M. Krason, H. Krupa, R. Kalis, Z. Kalarus, M. Zembala
- U004** Concomitant thoracic and infrarenal aortic diseases: should endovascular approach be the gold-standard treatment?
P. Castelli, R. Caronno, G. Piffaretti, M. Tozzi, M. Carnini, C. Lomazzi, G. Guzzardi

- U005** Endoluminal implantation of an aortic valve in pigs
T. Attmann, A. Thiem, G. Berg, D. Kuklinski, G. Lutter
- U006** Percutaneous aortic valve replacement: first *in vivo* steps
R. Quaden, T. Attmann, A. Hagemann, A. Boening, J. Cremer, G. Lutter
- U007** Percutaneous pulmonary valve replacement: self-expanding stents in a sheep model
T. Attmann, R. Quaden, T. Jahnke, K. Rumberg, A. Bohlen, A. Boening, S. Muller-Hulsbeck, J. Cremer, G. Lutter
- U008** Percutaneous technology of vascular shunting for congenital heart and vessels pathology
N. Chigogidze, M. Avaliani, V. Cherkasov, D. Kolesnik

O1 – ORGANIZATION AND HISTORY

- O001** Computer-based process-simulation: a new tool for strategic controlling in hospitals
R. Feyrer, U. Kunzmann, R. Cesnjevar, J. Roesch, M. Weyand
- O002** The use of a clinical pathway as a cost unit in cardiac surgery
R. Feyrer, U. Kunzmann, F. Harig, J. Roesch, M. Weyand
- O003** Preoperative risk stratification models as a predictor of hospital costs in open heart surgery
K. Hekmat, H.J. Geissler, U.M. Fischer, A. Kroener, R.H. Schwinger, S. Kampe, U. Mehlhorn
- O004** Cost reduction in cardiac surgery by structured cost analysis in cardiovascular engineering
R. Feyrer, J. Bretzger, F. Harig, R. Cesnjevar, M. Weyand
- O005** Training in cardiac surgery before and after the introduction of surgeon specific data in England
D. Pontefract, S. Iyengar, O. Khan, S. Livesey, S. Ohri
- O006** Attitude of government employees and their relatives about organ donation after brain death
A. Arbabi Sarjou, A.R. Shahsawani, A.R. Salar
- O007** The bicentenary of the Vilnius medical society
D. Triponiene

D1 – VIDEO

- D001** Minimally invasive cardiothoracic surgery simulation using a cardiothoracic atlas
A. Aziz, J. Liu, S.K. Venkatesh, E.K.W. Sim, W.L. Nowinski
- D002** Video presentation: modified Vilnius technique of proximal homograft anastomosis in Ross operation
V. Sirvydis, V. Lebetkevicius, R. Karalius, O. Barisaite
- D003** New manouvers for the old Octopus; some simple moves that are bound to help the off pump coronary artery bypass surgeon
R. Pieris, O.P. Sharma, S P. Chand, R. Nahar, R. Jhadev
- D004** Clinical outcome of off pump coronary artery bypass using the heartstring device for proximal anastomosis
Y. Okamura, Y. Nishimura, H. Mori, H. Hayashi, T. Hiramatsu, S. Komori
- D005** Video presentation: arterial revascularization of the heart using different arterial conduits
G. Uzdavinys, G. Norkunas, G. Kalinauskas, A. Valaika, J. Veriznikovas, G. Semetiene
- D006** Use of proximal and distal automated anastomotic devices for coronary surgery in aorta-no-touch technique
G. Di Giammarco, M. Di Mauro, M. Contini, P. Pelini, G. Spira, S. Cirmeni, A. Bivona, M. Pano
- D007** Mitral annuloplasty with jostra flexible and adjustable ring in complex mitral repair procedures
I. Flajsig, E. Castells, A. Mayosky, J.M. Calbet, E. Saura, C. Fontanillas, A. Miralles, J. M. Rabasa, M. Benito
- D008** Excision of calcified mitral valves using harmonic scalpel
Z. Galajda, A. Dashti, I. Szentkiralyi, L. Patonay, A. Peterffy

F1 – INFECTION

- F001** Emergency re sternotomy after open cardiac surgery in the intensive care unit is not a risk factor for deep wound infections
A. Kowalski, A. Boening, M. Ernst, N. Haake, A. Liersch, J. Cremer
- F002** VAC system *vs* traditional methods for the treatment of deep sternal infections: our experience in 60 cases
A. Eusebio, R. Gallotti, F. Settepani, G. Silvaggio, A. Barbone, E. Citterio, E. Manasse, M. Muretti, D. Ornaghi
- F003** Treatment of infective mediastinitis after open heart surgery
D. Barysas, V. Pronckus, K. Salcius, V. Lastas, V. Sirvydis
- F004** Rectus abdominis and pectoralis muscle flap reconstruction for sternal osteomyelitis and deep mediastinitis early after coronary surgery
P. Vogt, H. Zurbruegg, A. Menon, I. Martinovic, L. Andersson
- F005** Modified suture of infected wound after heart surgery
V. Pronckus, D. Barysas, V. Sirvydis

A1 – ANESTHESIOLOGY I PERIOPERATIVE RISK FACTOR

- A001** Risk stratification models cannot predict quality of life after cardiac surgery
A. Nemat, K. Hekmat, A. Kroner, H.J. Geissler, U. Fischer, U. Mehlhorn
- A002** Impact of gender on postoperative mortality and morbidity following CABG
R. Samalavicius, I. Misiuriene, I. Norkiene, M. Juozaitis, K. Urbonas, A. Baublys
- A003** Smoking: an irrelevant risk factor in cardiovascular surgery?
B. Osswald, U. Tochtermann, D. Badowski-Zyla, G. Thomas, S. Hagl
- A004** Brain natriuretic peptide. A new risk management marker in cardiac surgery
S. Raab, F. Oertel, T. Weimann, M. Beyer
- A005** The effects of aspartate-glutamate enriched blood cardioplegia on myocardial functions of patients who underwent a coronary artery bypass surgery postoperatively
U. Duman, O.F. Dogan, C. Yorgancioglu, M. Demircin, E. Boke
- A006** One year survival of patients with a prolonged ICU stay after cardiac surgery. Predictors for a bad prognosis
J. Schoettler, S. Petersen, A. Boening, F. Schoeneich, M. Ernst, J. Cremer
- A007** ICU readmission after elective coronary bypass grafting: what are the predictors and outcomes?
S. Maslekar, J. Alex, K. Javangula, A. Cale, S. Griffin, M. E. Cowen, L. Guvendik

A2 – ANESTHESIOLOGY II BLOOD LOSS. HEMODYNAMICS MONITORING

- A008** Blood conservation in coronary artery bypass surgery with pharmacologic and blood salvage strategies
V. Yurtman, C. Turkay, I. Golbasi, O. Erbasan, N. Sahin, O. Akkaya, U. Arslan, O. Bayezid
- A009** Cell saver use reduces requirement for allogenic blood during off pump coronary artery bypass grafting. A prospective randomized trial
P. Goel, H. Pannu, R. Arora, D. Saini, T. Kler
- A010** Comparative analysis of peri-operative blood loss and status of the coagulation system during bloodless open heart surgery with crystalloid and blood cardioplegia
A. Pawar, A. Kirilenko, Y. Tarichko
- A011** Homologous red blood cells transfusions associated with cardiac surgery. Preoperative estimation of risk factors. Results of multivariate analysis
B. Zych, W. Saucha, B. Lipina, J. Pacholewicz, A. Farnas, T. Hrapkowicz, M. Zembala
- A012** Reexploration in the intensive care unit
H. Nishida, Y. Takahara, S. Takeuchi, K. Mogi
- A013** Placement of the tip of the peripherally inserted central catheters in an optimum position via intravascular eeg
R. Jalaeian Taghadomi, M. Karimi, M. Ghanad, A. Peivandi
- A014** Safety evaluation of the use of non-invasive monitorization devices following open heart surgery in adult patients
M. Mert, S. Celebi

A3 – EXTRACORPOREAL CIRCULATION. CONFERENCE ON PERFUSION EDUCATION AND TRAINING

- A015** Comparison of the clinical performance and biocompatibility of PMEA-coated membrane oxygenators and extracorporeal circuits with uncoated
U. Demirkilic, M. A. Sahin, S. Doganci, C. Bolcal, E. Kuralay, M. Arslan, H. Tatar
- A016** Investigation of blood compatibility and determination of clinical performance of PMEA coated and flow optimized oxygenator
U. Demirkilic, C. Gunay, M. A. Sahin, S. Doganci, M. Kocakulak, E. Kuralay, M. Arslan, H. Tatar
- A017** The influence of cardiopulmonary bypass on right atrial apoptosis
O. Simic, M. Kovacevic, N. Jonjic, S. Stifter
- A018** Heparin *versus* PMEA: coated cardiopulmonary bypass circuits for medium and high risk coronary patients
V. Kutay, T. Noyan, S. Ozcan, Y. Melek, H. Ekim, C. Yakut
- A019** Closed minimized cardiopulmonary bypass is neuroprotective
A. Liebold, A. Khosravi, C. Skrabal, B. Westphal, A. Kaminski, C. Stamm, G. Steinhoff
- A020** Role of leukodepleting filter in the reduction of solid and gaseous microembolism during coronary revascularisation using cardiopulmonary bypass
S. Iyengar, D. Pontefract, C. Lloyd, R. Mehta, D. Smith, M. Hanson, S. Ohri

A4 – ANESTHESIOLOGY III POSTOPERATIVE CARE AND COMPLICATIONS

- A021** Cardiac surgery procedures in patients with preoperative dialysis-dependent chronic renal failure
L. Keita, R. Pawlaczyk, P. Siondalski, D. Jagielak, J. Rogowski
- A023** Our experience of fast-track management in patients undergoing congenital heart disease repair with cardiopulmonary bypass
L. Vozgaeva
- A024** Factors associated with stroke development after coronary artery bypass grafting
I. Norkiene, R. Samalavicius, M. Juozaitis, I. Misiuriene, A. Baublys

- A025** Cerebral protection with CO₂ insufflation in open heart surgery: a randomized trial using MRT
H. Deschka, K Graubitz, M Mack, G Wimmer-Greinecker, A Moritz, S Martens
- A026** Neurologic complications after carotid surgery
P. Kovacevic, M. Fabri, L. Petrovic, S. Nicin, A. Milosavljevic, A. Redzek, N. Radovanovic
- A027** Randomised study of early neurocognitive outcome after coronary revascularisation using cardiopulmonary bypass with standard arterial filter or leukocyte depleting filter
S. Iyengar, D. Pontefract, C. Lloyd, R. Mehta, K. Wesnes, T. Manktelow, D. Smith, S. Ohri

A2 – ANESTHESIOLOGY AND POSTOPERATIVE CARE POSTER EXHIBITION

- A028** Postoperative complications and length of intensive care unit stay after cardiac surgery
P. Knapik, M. Knapik, D. Ciesla, J. Puzio, M. Zembala
- A029** Continuous extracorporeal membrane oxygenation initial experience in Poland
I. Haponiuk, A. Grzybowski, E. Urbanska, A. Obersztyn, J. Rycaj, D. Pyplacz, R. Przybylski, M. Zembala, J. Bialkowski, J. Skalski
- A030** Energy-related metabolites during and after coronary artery bypass surgery of patients with low left ventricular ejection fraction
W. Rees, J. Poeling, S. Klaus, V. Ziaukas, L. Bahlmann, S. Roethemeyer, H. Warnecke
- A031** Extra corporeal systems with surface modifying additives do not improve clinical outcome after CABG
H. Zorn, M. Stiller, R.E. Silber, R. J Scheubel
- A032** Evidence of DEHP and Bisphenol A elution during cardiac surgery using extra corporeal circulation
M. Hibiya, K. Watanabe, A. Ohashi, H. Hori
- A033** Vagal stimulation as a new treatment method for cardiac disorders
R. Tabata, R. Tanioka, C. Arakawa, T. Kobayashi, A. Nakanishi
- A034** The evolution of myocardial protection techniques in Vilnius University Hospital Santariskiu Clinics
B. Mockuviene, J. Jonusyte, J. Avgul, L. Mikelevic, R. Linkeviciene, L. Baublyte, G. Martinkenas, A. Matulionis, R. Samalavicius
- A035** Impact of cardiopulmonary bypass perfusion pressure on renal function in the early postoperative period after cardiac surgery
J. Andrejaitiene, L. Raliene, L. Nasvytis
- A036** Extended intermittent daily renal replacement therapy in the intensive care unit of cardiovascular surgery patients. Experience on more than 2 000 procedures.
M. Yaroustovsky, R. Grigorianz, M. Abramyan, O. Tomarovskiy
- A037** Our approach to hemodialysis catheter which was malinserted to carotid arterial system
U. Yetkin, E. Ayva, M. Acar, T. Sasirtan, N. Eren, E. Yetkin, A. Cekirdekci
- A038** Albumin dialysis in complex treatment of multiorgan failure syndrome in patients after heart surgery
M. Yaroustovsky, L. Bockeria, R. Grigorianz, R. Gueptner, O. Tomarovsky
- A039** Monooxygenase liver function in cardiosurgical patients
V. Lomivorotov, A. Karaskov, V. Lomivorotov, V. Nepomniashchikh, L. Kniazkova, S. Mikhailov, A. Yefimov
- A040** Pharmaceutical prophylactics of gastro-intestinal bleedings in patients after heart surgery
M. Yaroustovsky, H. Shipova, A. Kokareva
- A041** Thoracic epidural anaesthesia in CABG patients: preliminary data
P. Nadziakiewicz, J. Czaplá, W. Saucha, P. Knapik, P. Tomaszewski, E. Kucewicz
- A042** The effect of milrinone on tissue metabolism after extracorporeal circulation in cardiac surgery patients
A. Tatlis, P. Spanos, C. Papakonstantinou, M. Toumbouras

N1 – 1st Baltic Meeting of Cardio-Thoracic Surgery Nurses

- N001** In-service training for thoracic nurses
A. Tracey
- N002** Senior nurse role in the management of operation room
O. Pozdnjakova, T.V. Hajalieva, L.A. Kondrashkina
- N003** Nursing peculiarities of cardiosurgical patients in the department of anaesthesia and intensive care unit
A. Spokeviciute, D. Kuselevskaja, O. Zuravliova
- N004** Nurse's role in heart transplantation
A. Tubinaite, V. Janciauskiene
- N005** Discharge interview after bypass surgery as experienced by patient and nurse
J. Rasmussen
- N006** Endovideosurgical technics for vena saphena magna harvesting in cardiac surgery
O. Pozdnjakova, T.V. Hajalieva
- N007** Intraoperative care of patients with phthisis and pulmonary cancer in the State Agency of Tuberculosis and Lung Diseases
G. Spravniká, A. Vanaga