

BORUT GERSAK Lectures 1995 – 2002

1995

1. B. Pirc, J. Jezernik, V. Eržen, F. Rabic, A. Cijan, I. Vreca, A. Dekleva, B. **GERSAK**: Neoton (Phosphocreatine) An Additive to Cold Crystalloid Cardioplegic Solution. Interbational Symposium on Ischemia-Reperfusion Syndrome "Trends and Concepts". Liege, Belgium (March 1995).
2. B. Pirc, B. **GERSAK**, N. Ružic-Medvešček: Cor Triatriatum Sinistrum - case report. Scientific Meeting of the Slovenian Society of Cardiology with International Participation. Radenci, Slovenia (May 1995).
3. B. Pirc, A. Cijan, N. Ružic-Medvešček, B. **GERSAK**: Systemic Atrioventricular Valve Incompetence in Adult Patient with Corrected Transposition of Great Arteries Treated by Carpentier's Annuloplasty - a Case Report. 3rd Alpe-Adria Cardiology Meeting. Budapest, Hungary (May 1995).
4. B. **GERSAK**, R. Trobec, B. Slivnik: Parallel Heat Transfer Computation in Human Heart During Open Heart Surgery. XVII European Congress on Noninvasive Cardiovascular Dynamics. Ljubljana, Slovenia (May 1995).
5. N. Ružic-Medvešček, B. Pirc, B. **GERSAK**: Cor Triatriatum Sinistrum, Bicuspid Aortic Valve and Aortic Coarctation - Case Report. XVII European Congress on Noninvasive Cardiovascular Dynamics. Ljubljana, Slovenia (May 1995).
6. B. Pirc, J. Jezernik, V. Eržen, F. Rabic, A. Cijan, I. Vreca, A. Dekleva, B. **GERSAK**: Neoton (Phosphocreatine); An Additive to Cold Crystalloid Cardioplegia Solution. 10th Annual Meeting of European Association of Cardiothoracic Anaesthesiologists. Madrid, Spain (June 1995).
7. B. **GERSAK**, R. Trobec, T. Gabrijeljčič, B. Slivnik: The Model of Topical Heart Cooling During Induced Hypothermic Cardiac Arrest in Open Heart Surgery. Computers in Cardiology 1996. Vienna, Austria (September 1995).
8. B. **GERSAK**, T. Gabrijeljčič: Successful Surgical Removal of Partially Expanded Palmaz Stent from External Iliac Artery. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
9. B. **GERSAK**, R. Gracner, B. Pirc, T. Gabrijeljčič: Elective Operations of Postraumatic Descending Aortic Aneurysms. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
10. R. Gracner, B. **GERSAK**, B. Pirc, T. Gabrijeljčič: Urgent Treatment of Acute Traumatic Transections of Descending Aorta. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
11. B. **GERSAK**: Direct Clamping Pressure Measurements on Vascular Walls. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
12. B. **GERSAK**: Effect of Clamping Pressure on Thoracic Aortal Vascular Contraction/Relaxation. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
13. B. **GERSAK**, T. Gabrijeljčič: Temperature Distribution in Human Heart During Hypothermic Cardioplegic Arrest in Cardiac Surgery - a Parallel Computer Simulation. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
14. B. Pirc, M. Kosin, R. Gracner, T. Gabrijeljčič, B. **GERSAK**, F. Rabic, V. Eržen, I. Metljak: Circulatory Arrest in Cardiovascular Surgery. 1st Congress of Slovenian Surgical Association with International Participation. Ljubljana, Slovenia (September 1995).
15. B. **GERSAK**, R. Gracner: Operative Treatment of Postraumatic Thoracic Aortic Aneurysms. Annual Meeting of the Slovenian Society for Angiology and Angiosurgery. Maribor, Slovenia (October 1995).
16. B. **GERSAK**, J. Kirbiš: Surgical Treatment of Popliteal Aneurysms. Annual Meeting of the Slovenian Society for Angiology and Angiosurgery. Maribor, Slovenia (October 1995).

17. N. Ružic-Medvešček, B. Pirc, B. **GERSAK**: Cor Triatriatum Sinister, Aortic Coarctation and Bicuspid Aortic Stenosis in an Adult. 8th Annual Meeting of Mediterranean Association of Cardiology and Cardiac Surgery. Limassol, Cyprus (October 1995).

1996

18. R. Trobec, B. Slivnik, B. **GERSAK**, T. Gabrijelj: Computer simulation and spatial modeling in heart surgery. 9th International Conference on Mechanics in Medicine and Biology, Ljubljana, Slovenia (June 1996).
19. B. **GERSAK**, T. Gabrijelj, R. Gracner: CABG after PTCA: Emergency Versus Elective Revascularization. Cardiac Interventions, Standards and Concepts. Vienna, Austria (June 1996).
20. B. **GERSAK**, T. Gabrijelj, R. Trobec, B. Slivnik: Temperature Distribution in Human Heart During Hypothermic Cardioplegic Arrest. Cardiac Interventions, Standards and Concepts. Vienna, Austria (June 1996).
21. B. **GERSAK**: Loss of Endothelium Mediated Vascular Relaxation as a Response to Various Clamping Pressures. 45th International Congress of the European Society for Cardiovascular Surgery. Venice, Italy (September 1996).
22. B. Pirc, A. Breclj, R. Gracner, N. Kovacic, M. Kosin, J. Kirbis, L. Jaklic, T. Klokocovnik, B. **GERSAK**, T. Gabrijelj. Surgery for Carotid Artery Stenosis 1990-1995. 45th International Congress of the European Society for Cardiovascular Surgery. Venice, Italy (September 1996).
23. T. Klokocovnik, J. Kirbis, N. Kovacic, B. Pirc, T. Gabrijelj, G.B. Stokin, B. **GERSAK**, R. Gracner, L. Jaklic, A. Breclj, I. Knezevic: Reversed Versus in Situ Autovenous Grafting in Critical Ishaemia of the Lower Extremities. 45th International Congress of the European Society for Cardiovascular Surgery. Venice, Italy (September 1996).
24. B. **GERSAK**, B. Pirc, T. Gabrijelj, R. Gracner, A. Breclj, N. Kovacic, J. Kirbis: Coronary artery bypass grafting with mitral valve replacement or mitral valve repair for ischemic and nonischemic mitral insufficiency. Mediterranean Association of Cardiology and Cardiac Surgery, 9th Annual Meeting, Tel Aviv, Israel (October 1996).
25. B. **GERSAK**, R. Trobec: On line measurements of clamping forces on the vessel walls. Continuum Mechanics in Cardiovascular Research. Graz, Austria (October 1996).

1997

26. V. Avbelj, R. Trobec, B. **GERSAK**, D. Vokac, Multichannel ECG measurement system.
27. Computer Based Medical Systems, Maribor, Slovenia (June 1997)
28. B. **GERSAK**, A. Bručan. A case report of a patient with aortic dissection type B and marfan syndrome. Emergency Medicine, selected topics. Portoroz, Slovenia (June 1997).
29. B. **GERSAK**, R. Trobec, T. Gabrijelj, V. Avbelj. Comparison of the ST – 40 ms isointegral maps prior to and after aortocoronary revascularisation. Computers in cardiology. Lund, Sweden (September 1997).
30. B. **GERSAK**. Mehanizmi poškodbe in klinična slika akutnih zapor arterij femoropoplitealnega segmenta zaradi poškodbe. Kirurgija arterij femoropoplitealnega segmenta. Ljubljana: Klinični center, Kirurške klinike, Kirurška šola: Društvo slovenskih kardiokirurgov, Ljubljana, Slovenija (April 1997).
31. B. **GERSAK**. Kirurška terapija akutnih zapor arterij femoropoplitealnega segmenta zaradi poškodbe. Kirurgija arterij femoropoplitealnega segmenta. Ljubljana: Klinični center, Kirurške klinike, Kirurška šola: Društvo slovenskih kardiokirurgov, Ljubljana, Slovenija (April 1997).

1998

32. B. **GERSAK**. Arterijska stena in šivalni material. Delavnica kirurških tehnik – žilne anastomoze. Ljubljana, Slovenia (September 1998).

33. B. **GERSAK**. Žilna stena, prijemalke, šivalni material. Delavnica kirurških tehnik – žilne anastomoze. Ljubljana, Slovenia (September 1998).
34. B. **GERSAK**. Body surface potential mapping and its possible use to study the patients operated with partial left ventriculectomy. Left ventricle volume reduction – the Batista operation. Montesilvano – Pescara, Italy (June 1998).
35. N. Ruzic – Medvescek, B. Pirc, B. **GERSAK**, I. Klancar, P. Berden, T. Gabrijelcic, Z. Dolenc – Strazar. Masses in aortic arch – a rare case of peripheral embolisms. Emergency Medicine, selected topics. Portoroz, Slovenia (June 1998).
36. B. Pirc, T. Gabrijelcic, N. Kovacic, M. Kosin, B. **GERSAK**, I. Knezevic, N. Medvescek, I. Klancar, M. Sabovic, M. Hafner, Z. Dolenc – Strazar. Mass in aortic arch: thrombus or tumour? Possible source of emboli. 47th International Congress of the European Society for Cardiovascular Surgery. Paris, France (September 1998).
37. B. **GERSAK**. ECG changes after partial left ventriculectomy. Cardiovascular Diseases. Ljubljana, Slovenia (December 1998).
38. N. Ruzic – Medvescek, J. Klancar, P. Berden, B. Pirc, B. **GERSAK**, T. Gabrijelcic, Z. Dolenc – Strazar. Masses in aortic arch as a potential source of peripheral embolisms: The role of different diagnostic techniques. The second annual and plenary meeting of the working group on echocardiography of the ESC. Trieste, Italy (December 1998).
39. B. **GERSAK**. Conduction changes. Society for Cardiac Volume Reduction – 2nd International Symposium on Partial Left Ventriculectomy – Recent Evolution for Safe and Effective Application. Tokyo, Japan (December 1998).

1999

40. B. **GERŠAK**. Anatomija prekrvitve spodnjih udov. XXXV Podiplomski tečaj kirurgov. Ljubljana, Slovenija (Februar 1999).
41. B. **GERŠAK**. Ambulantno spremljanje bolnikov po operacijski revaskularizaciji spodnjih udov. XXXV Podiplomski tečaj kirurgov. Ljubljana, Slovenija (Februar 1999).
42. B. **GERŠAK**, T. Gabrijelcic, T. Klokocovnik, J. Kirbiš, I. Knezevic. Kirurška revaskularizacija miokarda brez uporabe zunajtelesnega krvnega obtoka. 18. Radenski dnevi. Radenci, Slovenija (April 1999).
43. B. **GERŠAK**. ECG conduction changes after partial left ventriculectomy. XXI. European Congress International College of Surgeons. Praga, Czech Republic (Junij 1999).
44. B. **GERŠAK**. Financial and socioeconomic benefits of Second Opinion Services. 4th International Conference on the medical aspects of telemedicine. Jerusalem, Israel (Junij 1999).
45. B. **GERŠAK**, V. Gorjup, A. Jazbec. The telemedicine and Second medical opinion. MIE '99 – Fifteenth International Congress, European federation for Medical Informatics. Ljubljana, Slovenia (August 99).
46. V. Gorjup, A. Jazbec, B. **GERŠAK**. Transtelephonic ECG in Slovenia. MIE '99 – Fifteenth International Congress, European federation for Medical Informatics. Ljubljana, Slovenia (August 99).
47. B. **GERŠAK**. Drugo Mnenje – Nova možnost za bolnike in zdravnike. Workshop Infos, MIE '99 – Fifteenth International Congress, European federation for Medical Informatics. Ljubljana, Slovenia (August 99).
48. B. **GERŠAK**. Transtelefoniska elektrokardiografija v Sloveniji – Telelink/Mobilink. Workshop Infos, MIE '99 – Fifteenth International Congress, European federation for Medical Informatics. Ljubljana, Slovenia (August 99).
49. B. **GERŠAK**. Partial left ventriculectomy – early and late postoperative electrophysiologic changes. 15th Anniversary of the Heart Center NRW and 5th WAITS Symposium, Bad Oeynhausen, Germany (September 99).
50. B. **GERŠAK**, T. Gabrijelcic, T. Klokocovnik, J. Kirbis, I. Knezevic. Comparison of normothermic CPB/hypothermic CPB with hypothermic blood cardioplegia and off – pump aortocoronary bypass grafting. 15th Anniversary of the Heart Center NRW and 5th WAITS Symposium, Bad Oeynhausen, Germany (September 99).
51. B. **GERŠAK**, R.J.V. Batista. S–T changes after partial left ventriculectomy. ISCVS 24th World Congress, Melbourne, Australia (September 99).

52. B. **GERSAK**. Aortic and Mitral Valve Surgery on the Beating Heart. Standards and Concepts in Valve Surgery. International Society of Cardiothoracic Surgeons and European Heart Institute of the European Academy of Sciences and Arts, Vienna, Austria (October 1999).
53. B. **GERSAK**. Aortic and Mitral Valve Surgery on the Beating Heart. 1st International Symposium on Beating Heart Surgery. Belo Horizonte, Brazil (December 1999).
54. Trunk P, Trobec R, **GERŠAK B**. Measurement of heart wall temperature during open heart surgery. The life sciences conference 1999 and Congress of Slovenian pharmacological society: dedicated to 25 years of activity, Gozd Martuljek, Slovenija (September 1999).
55. Samarin S, Hren R, Trobec R, **GERŠAK B**. Spatial resolution of epicardial pace mapping using body surface potentials: clinical and modelling study. The life sciences conference 1999 and Congress of Slovenian pharmacological society: dedicated to 25 years of activity, Gozd Martuljek, Slovenija (September 1999).
56. Gabrijelcic T, **GERŠAK B**, Klokocovnik T, Kirbiš J, Kneževic I. Premostitvene operacije vencnih arterij brez uporabe zunajtelesnega krvnega obtoka: izkušnje kliničnega oddelka za kirurgijo srca in ožilja v Ljubljani. Svetovni slovenski kongres. Ljubljana, Nova Gorica, Slovenija (Oktober 1999).
57. **GERŠAK B**. Kirurgija aortne in mitralne zaklopke na delujočem srcu. Svetovni slovenski kongres. Ljubljana, Nova Gorica, Slovenija (Oktober 1999).
58. **GERŠAK B**. Cardiovascular procedures in shock. 8th international symposium on intensive medicine, Bled, Slovenija (September 1999).

2000

59. B. **GERŠAK**. Travmatske poškodbe velikih žil aortnega loka. XXXVI Podiplomski tečaj kirurgov. Ljubljana, Slovenija (Februar 2000).
60. B. **GERŠAK**, N. Lakić. Poškodbe žilja kolenskega območja. XXXVI Podiplomski tečaj kirurgov. Ljubljana, Slovenija (Februar 2000).
61. B. **GERŠAK**. Body Surface Mapping of Cardiac Activity after Partial Left Ventriculectomy. 3rd International Symposium on Partial Left Ventriculectomy. Osaka, Japan (April 2000).
62. Borut **GERŠAK**, Nada Ruzic-Medvescek, Janez Klancar, Pavle Berden, Borut Pirc, Tone Gabrijelcic, Zvezdana Dolenc-Strazar. Thrombotic masses in aortic arch as potential source of periferal embolisms. Aortic surgery symposium VII. New York, USA (April 2000).
63. Borut **GERŠAK**. Aortic and Mitral Valve Surgery on the Beating Heart. 8th Alpe Adria Cardiology Meeting. Portorož, Slovenija (Maj 2000).
64. **GERŠAK B**, Ruzic – Medvescek N, Berden P, Buffolo E, Noordergraaf A, Lunkenheimer PP. Ventricular Remodelling after Mitral Valve Replacement in Patients with end stage Heart Disease. 8th Alpe Adria Cardiology Meeting. Portorož, Slovenija (Maj 2000).
65. Rakovec P, Samarin S, Trobec R, Avbelj V, Šinkovec M, **GERSAK B**. Improved Interpretation of Multipolar Endocardial Mapping. 8th Alpe Adria Cardiology Meeting. Portorož, Slovenija (Maj 2000).
66. Gorjup V, Jazbec A, **GERSAK B**. Transtelephonic ECG system in Slovenia. Analysis of 28 months operation of the system. 8th Alpe Adria Cardiology Meeting. Portorož, Slovenija (Maj 2000).
67. **Borut Gersak**. Mitral Valve Repair or Replacement on the Beating Heart. 3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery. Atlanta, USA (Junij 2000).
68. B. **GERSAK**, Trobec R, Avbelj V, Batista RJV. Body Surface Potential Mapping and Its Possible Use to Study the Patients Operated with Partial Left Ventriculectomy. Cardiostim 2000, Nice, France (Junij 2000).
69. **GERSAK B**. Aortic Valve Surgery on the Beating Heart. Cardiostim 2000. Nice, France (Junij 2000).
70. **GERSAK B**. Mitral Valve Repair or Replacement on the Beating Heart. Cardiostim 2000. Nice, France (Junij 2000).
71. **GERSAK B**, Gorjup V, Jazbec A. The Benefits of Transtelephonic ECG Transmission. Cardiostim 2000. Nice, France (Junij 2000).

72. Samarin S, Avbelj V, Trobec R, **GERSAK B**. Determination of Spatial Resolution of Different Epicardial Pacing Sites by Using Body Surface Mapping. *Cardiostim 2000*. Nice, France (Junij 2000).
73. **GERSAK B**. Comparison of Off – Pump CABG with Normo/Hypothermic Classic CABG. *Beating Heart Symposium*. 49th Meeting of European Society for Cardiovascular Surgery. Dresden, Germany (Junij 2000).
74. **GERSAK B**. Aortic and Mitral Valve Surgery on the Beating Heart. *Casa di Cura Poliambulanza, Unita Funzionale di Cardiocirurgia*. Brescia, Italy (September 2000).
75. **GERSAK B**. Minimal coronary artery occlusion pressure in MID/OP – CAB surgery. *Utrecht MICABG Workshop VI – Facilitated Distal Anastomoses*. Utrecht University Medical Center, Netherlands Heart Foundation. Utrecht, Netherlands (October 2000).
76. **GERSAK B**. Aortic and Mitral Valve Surgery on the Beating Heart. *Dilemmas in Cardiology and Cardiac Surgery*. Mostar, Bosnia and Herzegovina (Oktober 2000).
77. **GERSAK B**. Minimal coronary artery occlusion pressure in MID/OP – CAB surgery. *XII CONGRESSO NORTE-NORDESTE DE CIRURGIA CARDIOVASCULAR e XVII ENCONTRO DOS DISCIPULOS DO PROF. ZERBINI*. João Pessoa – PB, Brazil (Oktober 2000).
78. **GERSAK B**. Aortic and Mitral Valve Surgery on the Beating Heart. *XII CONGRESSO NORTE-NORDESTE DE CIRURGIA CARDIOVASCULAR e XVII ENCONTRO DOS DISCIPULOS DO PROF. ZERBINI*. João Pessoa – PB, Brazil (Oktober 2000).
79. **GERSAK B**. Heart Surgery Perspectives in the XXI century. *SCIENTIFIC FORUM X - On Cardiology and Cardiovascular Surgery*. Belo Horizonte – MG, Brazil (December 2000).
80. **GERSAK B**. Comparison of OP-CAB with Normothermic/Hypothermic conventional CABG. *2nd International Symposium on Beating Heart Surgery. SCIENTIFIC FORUM X - On Cardiology and Cardiovascular Surgery*. Belo Horizonte – MG, Brazil (December 2000).
81. **GERSAK B**. Post – Resectional ECG. *CONTROVERSIES IN SURGICAL APPROACHES TO DILATED CARDIOMYOPATHIES. SCIENTIFIC FORUM X - On Cardiology and Cardiovascular Surgery*. Belo Horizonte – MG, Brazil (December 2000).
82. **GERŠAK B**, Kneževic I. Akutne poškodbe srca in velikih žil. *X. Memorial akad. prof. dr. Janeza Milcinskega*. Ljubljana, Slovenija (December 2000).

2001

83. **Gersak B**. Aortic and Mitral Valve Surgery on the Beating Heart. *Cardiothoracic Techniques and Technology 2001 – CTT 2001*. New Orleans, USA (Januar 2001).
84. **Gersak B**. Aortic and Mitral Valve Surgery on the Beating Heart. *3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery*. Munich, Germany (June 2001).
85. **Gersak B**. Comparison of Normothermic CPB/Hypothermic CPB with Hypothermic Blood Cardioplegia and OFF – PUMP Aortocoronary Bypass Grafting. *3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery*. Munich, Germany (June 2001).
86. Jurij-Matija Kalisnik, Viktor Avbelj, Roman Trobec, **Borut Gersak**. Comparison of Sequential Changes in Heart Rate Variability After ON-PUMP and OFF-PUMP CABG. *3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery*. Munich, Germany (June 2001).
87. Jurij-Matija Kalisnik, Viktor Avbelj, Roman Trobec, **Borut Gersak**. Changes in Vagal Modulation after CABG Regarding Subject Position. *3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery*. Munich, Germany (June 2001).
88. Primož Trunk, **Borut Gersak**, Roman Trobec. 3D heart model for computer simulations in cardiac surgery. *3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery*. Munich, Germany (June 2001).
89. Primož Trunk, **Borut Gersak**, Roman Trobec. Use of topical cardiac cooling is not adequately lowering right ventricular myocardial temperature - Computer simulation of myocardial temperature changes. *3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery*. Munich, Germany (June 2001).
90. Robert Blumauer, **Borut Gersak**, Vojko Valencic. Simulation of the influence of the diameter and position of endovascular stent graft on the blood flow and shear forces in

- descending aorta. 3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery. Munich, Germany (June 2001).
91. Toshimi Ujiie, Viktor Avbelj, Roman Trobec, **Borut Gersak**. Cardiac ECG Signal Changes after Partial Left Ventriculectomy. 3rd Annual Meeting of International Society for Minimally Invasive Cardiac Surgery. Munich, Germany (June 2001).
 92. **Gersak B.** Aortic and Mitral Valve Surgery on the Beating Heart. 50th Annual Meeting of European Society of Cardiovascular Surgery. Budapest, Hungary (June 2001).
 93. **Gersak B.** Aortic and Mitral Valve Surgery on the Beating Heart. Alpe Adria Cardiology Meeting. Cavtat, Croatia (June 2001).
 94. **Gersak B.** Aortic and Mitral Valve Surgery on the Beating Heart. 2nd International Congress on Heart Disease – New Trends in Research, Diagnosis and Treatment. Washington, USA (July 2001).
 95. Toshimi Ujiie, **Borut Gersak**, Koide Shirotsaku. Comparison Between Off-Pump CABG and Normothermic or Mild Hypothermic Conventional CABG with Cold Blood Cardioplegia. 6th Japanese Coronary Artery Surgery Meeting. July 6, (2001 Mie Japan).
 96. Toshimi Ujiie, **Borut Gersak**, Koide Shirotsaku. Off-Pump CABG + Mitral Valve Repair on the Beating Heart. 3rd OFF-PUMP CABG Meeting, July 5, (2001 Mie Japan).
 97. **Gersak B.** Body surface mapping after partial left ventriculectomy. Konferenca Bioznanosti 2001, Hotel Špik, Gozd-Martuljek, Slovenija (September 2001).
 98. Avbelj V., Kališnik J.-M., Trobec R., **Geršak B.** Heart rate and breathing spectrograms regarding body position in normal subjects. Konferenca Bioznanosti 2001, Hotel Špik, Gozd-Martuljek, Slovenija (September 2001).
 99. Frljak S., Trobec R., **Geršak B.** Comparison of changes in QT interval variability after surgery in cardioplegic arrest and beating heart surgery. Konferenca Bioznanosti 2001, Hotel Špik, Gozd-Martuljek, Slovenija (September 2001).
 100. Samarin S., Avbelj V., Trobec R., Rakovec P., **Geršak B.** Analysis of Heart Rate after Cardiac Transplantation Based on Respiration Cycle. Konferenca Bioznanosti 2001, Hotel Špik, Gozd-Martuljek, Slovenija (September 2001).
 101. Trunk P., Trobec R., **Geršak B.** Computer simulation of the heart temperature changes during non-beating heart operation. Konferenca Bioznanosti 2001, Hotel Špik, Gozd-Martuljek, Slovenija (September 2001).
 102. Knap B., Bren A, Juznic G, **Gersak B**, Noordegraaf A. Comparison between a computer simulation of left ventricular shape and ejection fraction. Konferenca Bioznanosti 2001, Hotel Špik, Gozd-Martuljek, Slovenija (September 2001).
 103. Toshimi Ujiie, **Borut Gersak**, Koide Shirotsaku. Aortic and Mitral Valve Surgery on the Beating Heart. The 54th Annual Meeting of The Japanese Association for Thoracic Surgery, October 4, (2001 Osaka Japan).
 104. **Borut Geršak**. Combined CABG and Valve Procedures on the Beating Heart. Scientific Forum XI, 3rd International Symposium on Beating Heart Surgery, Belo Horizonte, Brazil, November 2001.
 105. Toshimi Ujiie, **Geršak B.** BNP levels prior and after cardiac surgery. Scientific Forum XI, 3rd International Symposium on Beating Heart Surgery, Belo Horizonte, Brazil, November 2001.
 106. **Geršak Borut**. Landmarks of the Cardiovascular Surgery in Slovenia. Scientific Forum XI, 3rd International Symposium on Beating Heart Surgery, Belo Horizonte, Brazil, November 2001.

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107. **Geršak B.** Novosti in trendi v kirurgiji srca. 2. simpozij: Akutni koronarni sindrom v Sloveniji. Bled, Slovenija (April 2002).
108. **Geršak B.** Nacela modernega kirurškega zdravljenja bolezni aortne in mitralne zaklopke. Združenje kardiologov Slovenije, 20. Radenski dnevi: Prirojene in pridobljene srčne napake. Radenci, Slovenija (Maj 2002).
109. **Geršak B.** Surgery of popliteal artery aneurisms. European Vascular Forum, Portorož, Slovenija (Maj 2002).
110. **Geršak B.** Hemostati. 3. kongres združenja kirurgov Slovenije. Portorož, Slovenija (Maj 2002).

111. **Gersak B.** Combined CABG and valvular surgery on the beating heart. 6th annual meeting of the danubian forum for cardiac surgery. Opatija, Croatia (June 2002).
112. **Gersak B,** Sutlic Z. Aortic and mitral valve surgery on the beating heart is lowering cardiopulmonary bypass and aortic cross clamp time. 51st Congress of ESCVS, Helsinki, Finland (July 2002).
113. **Gersak B.** New therapeutic approaches in treatment of end-stage heart disease. 6th International EUROPEAN SOCIETY FOR NONINVASIVE CARDIOVASCULAR DYNAMICS. Budapest, Hungary (June 29 – July 5).
114. **Gersak B.** ISHEMIC MITRAL VALVE INSUFFICIENCY - REPAIR OR REPLACEMENT. 8th World Congress on Heart Failure, International Academy of Cardiology. Washington, USA (July 2002).
115. **Geršak B.** Kirurgija na delujočem srcu. Svetovni Slovenski Kongres, 3. strokovno srečanje slovenskih zdravnikov iz sveta in domovine. Radenci, Slovenija (Oktober 2002).
116. **Gersak B.** Valve Surgery on the Beating Heart. 7th National Congress of Cardiovascular Surgery. Antalya, Turkey (October 2002).
117. **Gersak B.** AF Ablation During Procedures on Mitral Valve. 7th National Congress of Cardiovascular Surgery. Antalya, Turkey (October 2002).