

CURRICULUM VITAE

Jacob Bergsland, MD, PhD, FACS



Vestbyveien 80 B, 1449 Drøbak Norway , Telephone +47 930 31 292

E-mail: jacobbergsland622@gmail.com

EDUCATION :

- 1972 MD University of Oslo Medical Faculty
- 1976 -81 Resident -General Surgery, State University of NY at Buffalo
- 1981 -83 Resident -Cardiothoracic Surgery, SUNYAB
- 2011 PhD degree, Oslo University, Oslo Norway: “ Safe Introduction and Quality Control of New Methods in Coronary Surgery”

PROFESSIONAL POSITIONS:”

- 2023- Director, Evolve Bytes, Tuzla, BIH
- 2022- Medical Director, Salveo Solutions, Oslo Norway
- 2015- Medical Director Cardiomech As, Trondheim Norway and Minneapolis USA
- 2002- Staff Physician, Cardiothoracic Surgeon, Oslo University Hospital, Oslo Norway
- 2020- Medical Director, Holoscope Inc. Banja Luka BIH
- 2018- Medical Director, Cardiomech AS, Trondheim Norway
- 2008-2019 Medical Director, BH Heart Center, Tuzla, Bosnia and Herzegovina
- 1997- 2008 International Director, Cardiovascular Clinic Tuzla, Tuzla,BIH
- 2013- Chief, Section for Method Development and Industrial Cooperation, Intervention Centre, Rikshospitalet, Oslo University Hospital, Oslo, Norway
- 2001- Cardiac Surgeon, The Intervention Center, Rikshospitalet 1997-2001 Director Center for Less Invasive Cardiac Surgery, Kaleida Health, Buffalo, New York
- 1983-2001 Clinical Associate Professor of Surgery, SUNY at Buffalo, Buffalo, NY
- 1985 -2001 Staff Cardiothoracic Surgeon, Buffalo General Hospital, New York
- 1999 -2001 Cardiothoracic Surgeon, Millard Fillmore Hospital, New York,

1995 -1996	Director Heart Transplantation, Buffalo, New York
1992 -2001	Consultant, Roswell Park Cancer Institute, Buffalo New York
1988 –1999	Cardiothoracic Surgeon, VA Medical Center, Buffalo, New York
1983 -88	Chief, Cardiothoracic Surgery Section, Veterans Administration Medical Center, Buffalo, New York
1983 -2001	Clinical Associate and Assistant Professor of Surgery, State University of New York at Buffalo
1976 -1983	Clinical Instructor of Surgery, State University of New York at Buffalo.

Licences and Speciality Boards

Medical License Norway

Medical License and Registration NY State USA

Medical License Bosnia and Herzegovina

Board Certified General Surgery, ABS, 1981, USA

Board Certified Cardiothoracic Surgery 1984 Recertified 2004, 2014, Valid till 2024

Grants and funding of projects

1) Veterans Administration, Application of Tissue Gluing in Lung Surgery Using Fibrin Seal. \$25,000.00 Principal Investigator 1983

2) State University of New York at Buffalo, Uptake of Radionuclides in Transplanted

Rat Hearts. \$25,000.00 Principal Investigator 1985

3) Veterans Administration, Electrophysiology in Rejecting Transplanted Hearts. \$54,828.00 Principal Investigator 1986-1988

4) Veterans Administration, Uptake of Myocardial Imaging Agents by Transplanted Hearts \$162,028.00 Co-Investigator 1986-1989

5) American Heart Association. Grant in Aid: Physiological Changes in Rejecting Cardiac Allografts. The Effect of Platelet Aggregation. \$60,390.00 Principal Investigator 1988-1990

6) Veterans Administration, Effect of Platelet Activating Factor on Cardiac Xenografts and Allografts. \$100,000.00 Principal Investigator 1989-1992

7) Veterans Administration. Merit Review. Uptake of Imaging Agents and Functional Changes in Cardiac Transplant. \$295,000.00 Principal Investigator 1989-1991

8) American Heart Association, Physiological Changes in Rats Bearing Allografts. The Influence of Platelet Aggregation. \$60,000.00 Principal Investigator 1989-1992

9) Initiator and Coordinator American Health Alliance Partnership between Tuzla Clinical Medical Center and Buffalo General Hospital. USAID grant \$2,000,000. 1995-1997

10) Research Grant from Helse og Rehabilitering. Ischemi under bankende hjerte kirurgi effect av shunt. Principal Investigator. 980 000 NOK 2004-2005.

11) Support Grant for academic cooperation, Rikshospitalet/ Cardiovascular Clinic Tuzla 1 000 000 NOK, Initiator and Principal Investigator. 2003-2005

12) Continued support for Academic Program Rikshospitalet// Cardiovascular Clinic Tuzla, 1 000 000 NOK. Principal Investigator. 2004-2006.

13) Development of an E-Health Portal for Bosnia and Herzegovina, Rikshospitalet Oslo, Norway 5,400 000 NOK, 2008-2011

14) Treatment of aortic stenosis in high risk patients. A Randomized study between catheter-based-, medical-, and surgical therapy.

A Health South-East funded research project. Project-leader 2009

15) Ultrasponder. In vivo Ultrasonic transponder System for Biomedical Applications. FP 7 EU project 2009-2012

16) USAID/AIHA Development grant for cardiology, cardiac surgery and other specialties in Bosnia 1996-98 USD 2 000 000. This grant was used to develop the first program for advanced cardiac care in BIH and for neurology and neurosurgery and other specialties.

Clinical participant.

17) Medical Sensing, Localization and Communication Using Ultrawideband Technology (MELODY):

Research grant from Norwegian Research Council. Clinical Coordinator 2010-2014

18) HERD. Project for Higher Education, Research and Development.

Cooperative Project between Norway and Bosnia. 2012-2014. 8 mill. NOK

19) Clinical Supervisor and Participant WIBEC,
EU Proposal, Funded 2016-2020

20) Clinical Supervisor WINNOW,
Norwegian Research Council Funded 2017-2020

21) Revalve Product validation project
Eurostars Project Leader Project, Medical Device Development support

Google Scholar

Citations 5511

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PUBLICATIONS:

170 publications on PubMed.

Selected articles listed below

Implants with Sensing Capabilities.

Veletić M, Apu EH, Simić M, **Bergsland J**, Balasingham I, Contag CH, Ashammakhi N. Chem Rev. 2022 Nov 9;122(21):16329-16363. doi: 10.1021/acs.chemrev.2c00005. Epub 2022 Aug 18.

Timing of mechanically assisted circulatory support.

Bergsland J.J Heart Lung Transplant. 2019 Apr;38(4):418-419. doi: 10.1016/j.healun.2019.01.1308. Epub 2019 Jan 29.

Robot-assisted magnetic capsule endoscopy; navigating colorectal inclinations.

Mahmood S, Schostek S, Schurr MO, **Bergsland J**, Balasingham I, Fosse E. Minim Invasive Ther Allied Technol. 2022 Aug;31(6):930-938. doi: 10.1080/13645706.2022.2032181. Epub 2022 Feb 3. PMID: 35112641

Technological and Clinical Challenges in Lead Placement for Cardiac Rhythm Management Devices.

Albatat M, **Bergsland J**, Arevalo H, Odland HH, Bose P, Halvorsen PS, Balasingham I. Ann Biomed Eng. 2019 Oct 1. doi: 10.1007/s10439-019-02376-0. [Epub ahead of print] Review.

Electromechanical Model to Predict Cardiac Resynchronization Therapy.

Albatat M, King DR, Unger LA, Arevalo H, Wall S, Sundnes J, **Bergsland J**, Balasingham I. Conf Proc IEEE Eng Med Biol Soc. 2018 Jul;2018:5446-5459. doi: 10.1109/EMBC.2018.8513539.

RF Channel Modeling for Implant to Implant Communication and Implant to Sub-Cutaneous Implant Communication for Future Leadless Cardiac Pacemakers.

Bose P, Khaleghi A, Albatat M, **Bergsland J**, Balasingham I. IEEE Trans Biomed Eng. 2018 Mar 21. doi: 10.1109/TBME.2018.2817690.

Edge density based automatic detection of inflammation in colonoscopy videos.

Ševo I, Avramović A, Balasingham I, Elle OJ, Bergsland J, Aabakken L. Comput Biol Med. 2016 May 1;72:138-50. doi: 10.1016/j.combiomed.2016.03.017.

Importance of Full-Length Scan of Arterial Grafts in Coronary Artery Bypass Grafting.

Banjanović B, Bergsland J, Mujanović E, Kabil E. Innovations (Phila). 2015 Sep-Oct;10(5):352-3.

Review of the endovascular approach to mitral valve disease.

Bergsland J, Mirtaheri P, Hiorth N, Fosse E. Minim Invasive Ther Allied Technol. 2015;24(5):282-8

In-Body to On-Body Ultrawideband Propagation Model Derived From Measurements in Living Animals.

Floor PA, Chávez-Santiago R, Brovoll S, Aardal Ø, Bergsland J, Grymyr OJ, Halvorsen PS, Palomar R, Plettemeier D, Hamran SE, Ramstad TA, Balasingham I. IEEE J Biomed Health Inform. 2015 May;19(3):938-48.

Continuous monitoring of regional function by a miniaturized ultrasound transducer allows early quantification of low grade myocardial ischemia.

Hylar S, Pischke SE, Halvorsen PS, Espinoza A, Bergsland J, Tønnessen TI, Fosse E, Skulstad H. J Am Soc Echocardiogr. 2015 Apr;28(4):486-94. doi: 10.1016/j.echo.2014.12.014. Epub 2015 Jan 27.

Surgical treatment of left ventricular pseudoaneurysm. Mujanovic E, Bergsland J, Avdic S,

Stanimirovic-Mujanovic S, Kovacevic-Preradovic T, Kabil E. Med Arch. 2014 Jun;68(3):215-7. doi: 10.5455/medarh.2014.68.215-217. Epub 2014 May 31.

Myocardial tissue CO₂ tension detects coronary blood flow reduction after coronary artery bypass in real-time†.

Pischke SE, Hylar S, Tronstad C, Bergsland J, Fosse E, Halvorsen PS, Skulstad H, Tønnessen TI. Br J Anaesth. 2015 Mar;114(3):414-22. doi: 10.1093/bja/aeu381. Epub 2014 Nov 12.

Surgical treatment of left ventricular pseudoaneurysm.

Mujanovic E, Bergsland J, Avdic S, Stanimirovic-Mujanovic S, Kovacevic-Preradovic T, Kabil E. Med Arh. 2014;68(3):215-7.

Barriers to Medical Device Innovation

Bergsland J, Elle OJ, Fosse E

Medical Devices: Evidence and Research. 2014;7: 205-9

Experimental implant communication of high data rate video using an ultra wideband radio link
Chavez-Santiago R, Balasingham I, Bergsland J, Zahid W, Takizawa K, Miura R, Li HB.
Conf Proc IEEE Eng Med Biol Soc. 2013;2013:5175-8. doi: 10.1109/EMBC.2013.6610714.

Major innovations and trends in the medical device sector.
Bergsland J.
Acta Inform Med. 2012 Mar;20(1):44-6. doi: 10.5455/aim.2012.20.44-46.

Wide sternal retraction may impede internal mammary artery graft flow and reduce myocardial function during off-pump coronary artery bypass grafting: presentation of two cases.
Espinoza A, Bergsland J, Lundblad R, Fosse E.
Interact Cardiovasc Thorac Surg. 2012 Jul;15(1):42-4. Epub 2012 Apr 11.

Bloodless off pump coronary artery bypass grafting treatment of choice for Jehova's witness patients.
Mujanovic E, Bergsland J, Jahic M, Djedovic S, Behrem A, Stanimirovic-Mujanovic S, Kabil E.
Med Arh. 2012;66(2):140-2.

Calcified right atrial and pulmonary artery mass after ventriculoatrial shunt insertion.
Mujanovic E, Bergsland J, Jurcic S, Avdic S, Stanimirovic-Mujanovic S, Kabil E.
Med Arh. 2011;65(6):363-4.

Coronary bypass grafting without use of cardiopulmonary bypass for dextrocardia.
Mujanovic E, Bergsland J, Tursic A, Stanimirovic-Mujanovic S, Kabil E Med Arh. 2011;65(1):56-7.
Minimally invasive repair of the mitral valve: technological and clinical developments. Bergsland J, Mujanovic E, Elle OJ, Mirtaheri P, Fosse E.
Minim Invasive Ther Allied Technol. 2011 Apr;20(2):72-7. Review.

Ruptured aneurysm of the noncoronary sinus of valsalva into the right atrium.
Mujanovic E, Kabil E, Bergsland J, Stanimirovic-Mujanovic S, Caluk J.
Med Arh. 2010;64(5):307-8. PMID: 21287960

Endoclamp balloon visualization and automatic placement system.
Furtado H, Stüdeli T, Sette M, Morita T, Trunk P, Freudenthal A, Samset E, Bergsland J, Gersak B.
HeartSurg Forum. 2010 Aug;13(4):E205-11. PMID: 20719720

Automatic real-time detection of myocardial ischemia by epicardial accelerometer
Halvorsen PS, Remme EW, Espinoza A, Skulstad H, Lundblad R, Bergsland J, Hoff L, ImenesK, Edvardsen T, Elle OJ, Fosse E
J Thorac Cardiovasc Surg 2010 Apr;139(4):1026-32.

Results of coronary bypass grafting in treatment of left main stenosis
Karic A, Mujanovic E, Karic A, Jerkic Z, Bergsland J, Kabil E
Med Arh. 2009;63(6):328-31

Intracoronary shunt prevents ischemia in off-pump coronary artery bypass surgery.
Bergsland J, Langaas PS, Skulstad H, Hol PK, Halvorsen PS, Andersen R, Småstuen M, Lundblad R, Svennevig J, Andersen K, Fosse E.
Ann Thorac Surg. 2009 Jan;87(1):54-60.

Management [corrected] of conversions to cardiopulmonary bypass in beating heart coronary surgery.
Mujanović E, Bergsland J, Stanimirović-Mujanović S, Kabil E.
Bosn J Basic Med Sci. 2008 Aug;8(3):266-9.

Twelve-month patency with the PAS-port proximal connector device: a single center prospective randomized trial. Invited commentary.

Bergsland J.

Ann Thorac Surg. 2008 May;85(5):1584-5.

[Intraoperative quality control in the coronary artery bypass grafting]

Mujanovic E, Bergsland J, Hadziselimovic M, Softic M, Azabagic A.

Med Arh. 2006;60(6):351-5. Bosnian.

Training of cardiac surgeons for Bosnia and Herzegovina: outcomes in coronary bypass grafting surgery.

Bergsland J, Kabil E, Mujanovic E, Terzic I, Roislien J, Svennevig JL, Fosse E.

Ann Thorac Surg. 2007 Feb;83(2):462-7.

Transit time flowmetry in coronary surgery--an important tool in graft verification.

Mujanović E, Kabil E, **Bergsland J**.

Bosn J Basic Med Sci. 2007 Aug;7(3):275-8.

Epicardial ultrasonography: a potential method for intraoperative quality assessment of coronary bypass anastomoses?

Hol PK, Andersen K, Skulstad H, Halvorsen PS, Lingaas PS, Andersen R, **Bergsland J**, Fosse E.

Ann Thorac Surg. 2007 Sep;84(3):801-7.

A comparison of coronary artery bypass grafting with and without cardiopulmonary bypass in EuroSCORE high risk patients.

Kabil E, Mujanović E, **Bergsland J**.

Bosn J Basic Med Sci. 2007 Feb;7(1):48-51.

[Intraoperative quality control in the coronary artery bypass grafting].

Mujanović E, **Bergsland J**, Hadziselimović M, Softić M, Azabagić A.

Med Arh. 2006;60(6):351-5. Bosnian.

Training of cardiac surgeons for Bosnia and Herzegovina: outcomes in coronary bypass grafting surgery.

Bergsland J, Kabil E, Mujanovic E, Terzic I, Røislien J, Svennevig JL, Fosse E.

Ann Thorac Surg. 2007 Feb;83(2):462-7.

[Off-pump coronary bypass grafting in patient with left main occlusion and 75% stenosis of right coronary artery].

Mujanović E, **Bergsland J**, Softić M, Azabagić A, Karić A, Avdagić H, Stanimirović-Mujanović S, Nurkić M, Kabil E.

Med Arh. 2007;61(2 Suppl 1):51-3. Bosnian.

Cerebral microembolization during off-pump coronary artery bypass surgery with the Symmetry aortic connector device. Skjelland M, **Bergsland J**, Lundblad R, Lingaas PS, Rein KA, Halvorsen S, Svennevig JL, Fosse E, Brucher R, Russell D.

J Thorac Cardiovasc Surg. 2005 Dec;130(6):1581-5.

Left ventricular volume reduction surgery: The 4th International Registry Report 2004.

Kawaguchi AT, Suma H, Konertz W, Gradinac S, **Bergsland J**, Dowling RD, Komeda M, Kitamura S, Ohashi H, Chang BC,

Linde LM, Batista RJ; International and Regional Registry Task Force, The Society for Cardiac Volume Reduction.

J Card Surg. 2005 Nov-Dec;20(6):S5-11.

[Atrial fibrillation after surgical myocardial revascularisation].

Nurkić M, Arslanagić A, **Bergsland J**, Merić M, Terzić I, Mujanović E, Kusljugić Z, Kabil E.
Med Arh. 2004;58(5):292-4. Bosnian.

Intraoperative and intermediate-term angiographic results of coronary artery bypass surgery with Symmetry proximal anastomotic device.

Bergsland J, Hol PK, Lingås PS, Lundblad R, Rein KA, Andersen R, Mørk BE, Halvorsen S, Mujanovic E, Kabil E, Svennevig JL, Fosse E.
J Thorac Cardiovasc Surg. 2004 Nov;128(5):718-23.

[Beating heart surgery in the treatment of stenoses of the main branch of the left coronary artery].

Mujanović E, **Bergsland J**, Hadziselimović M, Softić M, Azabagić A, Karić A, Avdagić H, Nurkić M, Stanimirović-Mujanović S, Kabil E.
Med Arh. 2004;58(2 Suppl 1):25-6. Bosnian.

Interval results with right gastroepiploic bypass.

Lajos TZ, Akhter M, **Bergsland J**, Raza ST.
Heart Surg Forum. 2003;6(6):E99-E102.

Partial left ventriculectomy--The Third International Registry Report 2002.

Kawaguchi AT, Isomura T, Konertz W, Gradinac S, Dowling RD, Kitamura S, **Bergsland J**, Linde LM, Koide S, Batista RJ; International Registry Task Force: The Society for Cardiac Volume Reduction.
J Card Surg. 2003 Jul-Aug;18 Suppl 2:S33-42.

Ventricular volume reduction procedures.

Kawaguchi AT, **Bergsland J**, Linde LM.
J Card Surg. 2003 Jul-Aug;18 Suppl 2:S29-32.

Conversions in off-pump coronary surgery.

Mujanovic E, Kabil E, Hadziselimovic M, Softic M, Azabagic A, **Bergsland J**.
Heart Surg Forum. 2003;6(3):135-7.

[Coronary artery bypass grafting without use of cardiopulmonary bypass].

Mujanović E, **Bergsland J**, Hadziselimović M, Softić M, Azabagic A, Stanimirović-Mujanović S, Kabil E.
Med Arh. 2002;56(5-6):271-5. Croatian.

Intraoperative graft verification in renal transplants.

Bhatt KA, Karamanoukian HL, **Bergsland J**, D'Ancona G, Stephan R.
Vasc Endovascular Surg. 2002 Mar-Apr;36(2):93-6.

On-pump and off-pump coronary artery bypass grafting in the elderly: predictors of adverse outcome.

Ricci M, Karamanoukian HL, Dancona G, **Bergsland J**, Salerno TA.
J Card Surg. 2001 Nov-Dec;16(6):458-66.

Decreased incidence of postoperative stroke following off-pump coronary artery bypass.

Karamanoukian HL, Donias HW, **Bergsland J**.
J Am Coll Cardiol. 2002 Mar 6;39(5):917-8. No abstract available.

Survey of resident training in robotic surgery

Donias HW, Karamanoukian RL, Glick PL, Bergsland J, Karamanoukian HL.
Am Surg. 2002 Feb;68(2):177-81.

Percutaneous revascularization versus beating heart CABG or CABG with cardiopulmonary bypass in patients with refractory myocardial ischemia.

Karamanoukian HL, Donias HW, Bergsland J.
J Am Coll Cardiol. 2002 Feb 6;39(3):555-6.

OPCAB therapy survey: off-pump clopidogrel, aspirin or both therapy survey.

D'Ancona G, Donias HW, Karamanoukian RL, Bergsland J, Karamanoukian HL.
Heart Surg Forum. 2001;4(4):354-8.

Myocardial stunning after off-pump coronary artery bypass grafting: safeguards and pitfalls.

D'Ancona G, Donias HW, Bergsland J, Karamanoukian HL.
Ann Thorac Surg. 2001 Dec;72(6):2182-3.

Partial left ventriculectomy for patients with ischemic cardiomyopathy.

Fujimura T, Kawaguchi AT, Ishibashi-Ueda H, Bergsland J, Koide S, Batista RJ.
J Card Surg. 2001 Mar-Apr;16(2):145-52.

Myocardial revascularization of the beating heart in high-risk patients.

D'Ancona G, Karamanoukian H, Kawaguchi AT, Ricci M, Salerno TA, Bergsland J.
J Card Surg. 2001 Mar-Apr;16(2):132-9.

Limited access left thoracotomy for reoperative coronary artery disease: on or off pump.

Lajos TZ, Akhter M, Bergsland J, Grosner G, Lewin AN, Salerno TA, Raza ST, Levinsky L, Bhayana J, Karamanoukian H, Hasnain S.
J Card Surg. 2000 Jul-Aug;15(4):291-5.

Histopathology of resected myocardium and outcome of partial left ventriculectomy.

Kawaguchi AT, Ishibashi-Ueda H, Bergsland J, Karamanoukian HL, Koide S, Batista RJ.
J Card Surg. 2001 Jan-Feb;16(1):56-63.

Improved left ventricular contraction and energetics in a patient with Chagas' disease undergoing partial left ventriculectomy.

Kawaguchi AT, Sugimachi M, Sunagawa K, Bergsland J, Koide S, Batista RJ.
J Card Surg. 2001 Jan-Feb;16(1):30-3.

Partial left ventriculectomy: the 2nd International Registry Report 2000.

Kawaguchi AT, Suma H, Konertz W, Popovic Z, Dowling RD, Kitamura S, Bergsland J, Linde LM, Koide S, Batista RJ.
J Card Surg. 2001 Jan-Feb;16(1):10-23.

Hemodynamic effects of elevation and stabilization of the heart during off-pump coronary surgery.

D'Ancona G, Karamanoukian H, Lima R, Ricci M, Bergsland J, Rossman J, Salerno T.
J Card Surg. 2000 Nov-Dec;15(6):385-91.

Reoperative grafting of the LAD system using the LAST approach: technical details.

Ricci M, Bergsland J, D'Ancona G, Salerno TA, Karamanoukian HL.

J Card Surg. 2000 Nov-Dec;15(6):383-4.

Is intraoperative measurement of coronary blood flow a good predictor of graft patency?

D'Ancona G, Karamanoukian HL, Bergsland J.
Eur J Cardiothorac Surg. 2001 Nov;20(5):1075-7.

Coronary artery exposure in off-pump cabg: a word of caution.

D'Ancona G, Karamanoukian H, Kawaguchi A, Bergsland J.
Heart Surg Forum. 2001;4(3):243-5;

Reoperative coronary artery bypass grafting with and without cardiopulmonary bypass: determinants of perioperative morbidity and mortality.

D'Ancona G, Karamanoukian H, Ricci M, Salerno T, Lajos T, Bergsland J.
Heart Surg Forum. 2001;4(2):152-8;.

Low ejection fraction is not a contraindication to off-pump coronary artery surgery.

Abraham R, Karamanoukian HL, Jajkowski MR, D'Ancona G, Salerno TA, Bergsland J.
Heart Surg Forum. 2001;4(2):141-4;

Does avoidance of cardiopulmonary bypass decrease the incidence of stroke in diabetics undergoing coronary surgery?

Abraham R, Karamanoukian HL, Jajkowski MR, von Fricken K, D'Ancona G, Bergsland J, Salerno TA.
Heart Surg Forum. 2001;4(2):135-40.

Lower sternal splitting for lateral revascularization during off-pump coronary artery bypass grafting using a modified "Lima" pericardial traction stitch.

Karamanoukian HL, Bergsland J, Donias HW, Kawaguchi AT.
Ann Thorac Surg. 2001 Aug;72(2):664-5.

Myocardial revascularization on the beating heart after recent onset of acute myocardial infarction.

D'Ancona G, Karamanoukian H, Ricci M, Kawaguchi A, Bergsland J, Salerno T.
Heart Surg Forum. 2001;4(1):74-9.

Echocardiographic diagnosis of left ventricular density: diagnostic pitfalls.

D'Ancona G, Karamanoukian HL, Ricci M, Bergsland J, Salerno TA.
J Cardiothorac Vasc Anesth. 2001 Jun;15(3):394-5.

Revascularization methods for coronary artery disease.

Donias HW, Powers CJ, Bergsland J, Karamanoukian HL.
JAMA. 2001 May 23-30;285(20):2580-1.

Changing referral pattern in off-pump coronary artery bypass surgery: a strategy for improving surgical results.

D'Ancona G, Karamanoukian HL, Soltoski P, Salerno TA, Bergsland J.
Heart Surg Forum. 1999;2(3):246-9.

Steal syndrome documented by transit time flow measurement technique in an "H" Graft.

Karamanoukian HL, D'Ancona G, Salerno TA, Choi S, Schmid S, Bergsland J.
Heart Surg Forum. 1999;2(3):239-41.

Flow measurement in coronary surgery.

D'Ancona G, Karamanoukian HL, Salerno TA, Schmid S, Bergsland J.
Heart Surg Forum. 1999;2(2):121-4.

Coronary artery bypass grafting (CABG) without cardiopulmonary bypass (CPB): a strategy for improving results in surgical revascularization.

Bergsland J, Schmid S, Yanulevich J, Hasnain S, Lajos TZ, Salerno TA.
Heart Surg Forum. 1998;1(2):107-10.

Selective graft and coronary sinus perfusion in off-pump CABG: is it necessary?

Ricci M, D'Ancona G, Bergsland J, Salerno TA, Karamanoukian HL.
Ann Thorac Surg. 2001 Mar;71(3):1069-72.

Robotically assisted video-enhanced-endoscopic coronary artery bypass graft surgery.

Tang LW, D'Ancona G, Bergsland J, Kawaguchi A, Karamanoukian HL.
Angiology. 2001 Feb;52(2):99-102.

VonFricken K, Karamanoukian HL, Ricci M, Graham S, Slate DM, Bergsland J, Salerno TA.

Echocardiographic mass on the mitral valve.
J Cardiothorac Vasc Anesth. 2000 Dec;14(6):753-4.

Ricci M, Karamanoukian HL, D'Ancona G, Bergsland J, Salerno TA.

Exposure and mechanical stabilization in off-pump coronary artery bypass grafting via sternotomy.
Ann Thorac Surg. 2000 Nov;70(5):1736-40.

Aortobronchial fistula after endovascular stent graft repair of the thoracic aorta.

VonFricken K, Karamanoukian HL, Ricci M, Taheri A, Bergsland J, Salerno TA.
Ann Thorac Surg. 2000 Oct;70(4):1407-9-9.

Intraoperative graft patency verification: should you trust your fingertips?

D'Ancona G, Karamanoukian HL, Ricci M, Schmid S, Spanu I, Apfel L, Bergsland J, Salerno TA.
Heart Surg Forum. 2000;3(2):99-102.

Technical Tips and Pitfalls in OPCAB Surgery: The Buffalo Experience.

Bergsland J, D'Ancona G, Karamanoukian H, Ricci M, Schmid S, Salerno TA.
Heart Surg Forum. 2000;3(3):189-193.

Posterior thoracotomy for reoperative coronary artery bypass grafting without cardiopulmonary bypass: perioperative results.

D'Ancona G, Karamanoukian H, Lajos T, Ricci M, Bergsland J, Salerno T.
Heart Surg Forum. 2000;3(1):18-22;

Ricci M, Karamanoukian HL, D'Ancona G, Bergsland J, Salerno TA.

Coronary artery bypass grafting in the presence of atheromatous or calcified aorta: On-pump or off-pump?
Heart Surg Forum. 2000;3(1):12-4.

Ricci M, Karamanoukian HL, D'Ancona G, Jajkowski MR, Bergsland J, Salerno TA.

Avulsion of an H graft during closed-chest cardiopulmonary resuscitation after minimally invasive coronary artery bypass graft surgery.
J Cardiothorac Vasc Anesth. 2000 Oct;14(5):586-7.

A peril of minimally invasive cardiac surgery.

Ricci M, Salerno TA, D'Ancona G, Bergsland J, Karamanoukian HL.
J Card Surg. 1999 Nov-Dec;14(6):482-3.

Use of the "single suture" technique to expose the anterior surface of the heart.

Ricci M, Karamanoukian HL, D'Ancona G, Bergsland J, Salerno TA.
J Card Surg. 1999 Nov-Dec;14(6):460-1.

Preoperative angiography and intraoperative transit time flow measurement to detect coronary graft patency in reoperations: an integrated approach--a case report.

D'Ancona G, Karamanoukian H, Ricci M, Bergsland J, Salerno TA.
Angiology. 2000 Sep;51(9):777-80.

D'Ancona G, Karamanoukian HL, Ricci M, Bergsland J, Salerno TA.

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