

## ***CURRICULUM VITAE***

**Name:** Igor E. Konstantinov

**Degrees:** M.D., Ph.D.

**Date of birth:** March 24, 1969

**Address:** Cardiac Surgery Unit, Royal Children's Hospital,  
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**Current appointment:**

July, 2008- **Clinical Professor of Surgery, University of Western Australia**  
Dec 2011  
July 1, 2008- **Consultant Cardiac Surgeon, Royal Children's Hospital**  
Present Melbourne, Australia

**Past appointments:**

Dec. 1, 2007- **Associate Professor of Surgery, University of Western Australia**  
July, 2008

July 1, 2007- **Consultant Cardiothoracic Surgeon, Cardiac Surgery Unit**  
June 30, 2008 Sir Charles Gairdner Hospital, Perth, WA 6009, Australia

**Education:**

Jan. 15, 2007- **Fellow, Cardiothoracic Surgery, Royal Children's Hospital,**  
June 31, 2007 Flemington Road, Parkville, Melbourne, Australia

Jan. 15, 2006- **Senior Registrar, Cardiothoracic Surgery, Prince Charles Hospital**  
Jan. 15, 2007 Rode Road, Chermside, QLD 4032, Australia

Jan. 15, 2005- **Senior Registrar, Cardiothoracic Surgery, Sir Charles Gairdner**  
Jan. 15, 2006 Hospital, Verdun Street, Perth, WA 6009, Australia

July 1, 2002- **Cardiac Surgery Research Fellowship,**  
Jan. 15, 2005 **Ph.D. thesis: "Gene Expression in Cardiac Surgery: Impact of**  
**Ischaemia and Re-perfusion"**  
Hospital for Sick Children, Univ. of Toronto, Toronto, Canada

July 1, 2001- **Pediatric Cardiac Surgery Clinical Fellowship, Hospital for Sick**  
June 30, 2002 Children, University of Toronto, Toronto, Canada

- July 1, 2000- **Cardiac Surgery Clinical Fellowship**, Toronto General Hospital,  
June 30, 2001 University of Toronto, Toronto, Canada
- June 30, 1999- **Advanced Cardiothoracic Surgery Clinical Fellowship**,  
July 1, 2000 Mayo Clinic, Rochester, MN 55905, USA
- July 1, 1998- **Pediatric Cardiac Surgery Clinical Fellowship**, The Heart Institute for  
June 30, 1999 Children, Hope Children's Hospital, Oak Lawn, Chicago, IL 60453, USA
- July 1, 1997- **Clinical Fellowship in Thoracic and Cardiovascular Surgery**  
June 30, 1998 The Carolina Heart Institute, 1000 Blythe Blvd., Charlotte, NC 28232
- June 1, 1994 - **Fellowship in Thoracic and Cardiovascular Surgery**  
July 1, 1997 University Hospital, S-581 85 Linkoping, SWEDEN
- July 1, 1992- **Internship/Residency in Thoracic and Cardiovascular Surgery**,  
Jan 1, 1997 St. Petersburg Cardiac Center, Pokrov Hospital,  
Bolshoy pr. 85, V.O., St. Petersburg 199026 RUSSIA
- July 1, 1991 **Internship in General Surgery**  
June 1, 1992 Military Medical Academy, St. Petersburg, RUSSIA
- 1986-1992 **Military Medical Academy**,  
Lebedeva 6, 194044 St. Petersburg, RUSSIA  
Graduation: 20 June 1992
- MD:** Military Medical Academy, St. Petersburg, Russia, 20 June 1992  
**PhD:** University of Toronto, Toronto, Canada, 25 June 2004

**Board Certification Status:**

1. **Thoracic and Cardiovascular Surgery Board Certificate (Russia)**  
Reg.# 8810; Jan. 22, 1997  
**Board Certified in Cardiothoracic Surgery**
2. **Royal Australasian College of Surgeons (Australia)**  
**In progress**

**Medical Licensing Examinations:**

**1. United States Medical Licensing Examination:**

*ECFMG Certificate # 0-526-610-1, USMLE Steps 1,2,3 passed;  
Certificate valid indefinitely*

**2. Licentiate of the Medical Council of Canada:**

*Evaluating Exam: Passed (Feb., 2002); QE Part I: Passed (Nov., 2002)  
QE Part II: Passed (Oct., 2003);  
Certificate valid indefinitely*

**3. Australian Medical Council Certificate:**

*Certificate number 6924, issued on 2 June 2008  
Certificate valid indefinitely*

**ACTIVE: Russian Medical License and Full Registration # 225**

*Issued June 20, 1992 - valid indefinitely*

**New Jersey Full Medical License**

*From January 2006 - current*

**Medical Practitioners Board of Victoria, General Registration**

**MPG 366311**

*July 1, 2008 - Current*

**Memberships:**

**SCANDINAVIAN ASSOCIATION OF THORACIC SURGEONS,  
member**

**RUSSIAN SOCIETY OF CARDIOVASCULAR SURGERY, member**

**MAYO CLINIC ALUMNI SOCIETY, member**

**NEW YORK ACADEMY OF SCIENCES, member**

**AMERICAN PHYSIOLOGICAL SOCIETY, member**

**Editorial work:**

**Guest Reviewer:** *The Lancet (2007), Circulation (2005-8), European Journal of Cardiothoracic Surgery (2005-7), Journal of Catheterization and Interventions (2005-6), Physiological Genomics (2005), Heart (2006-7), The Annals of Thoracic Surgery (2003-7), Journal of Clinical Anesthesia (2007).*

**Committees:****Member of the Scientific Advisory Boards:**

*1. International Academy of Cardiology*

*2. The 14<sup>th</sup> World Congress on Heart Disease, Toronto, ON, Canada, July 19-29, 2008*

**Research grant awards:**

**2004**

\$ 84.000 Canadian

*From The Physicians' Services Incorporated Foundation (PSIF) for the study entitled,*  
**“The Effect of the Remote Ischemic Preconditioning Stimulus on Leukocyte**

**Gene**

**Expression and Functional Responses”**

**2007**

\$ 10.000 Australian

*From the Australasian Society of Cardiothoracic Surgery for the study entitled,*  
**“Endothelin-1 blockade for the prevention of ischaemia-reperfusion injury post lung transplantation”**

\$ 45,996 Australian

*From The Prince Charles Hospital Foundation for the study entitled,*  
**“Does remote ischemic preconditioning improve human right atrial function in vitro and improve clinical outcomes post-operatively?”**

**2008**

\$ 40.000 Australian

*From CellCept Australia Research Grants for the study titled,* **“The Implications of Brain Death in Donor Lung Injury: Investigation and Blockade of the Endothelin Axis”**

**2009**

\$154.500 Australian

*From NHMRC for the project titled:* **“Delayed phase of remote ischemic preconditioning: clinical application and the role of kallikrein-kinin pathway”**

\$ 39.825 Australian

*From National Heart Foundation of Australia, WA Branch for the project titled:* **“Role of Kallikrein-Kinin system in remote ischemic preconditioning”**

\$ 6.000 Australian

*From Murdoch Childrens Research Institute for the project titled:* **“The proteomic response to remote ischemic preconditioning stimuli – a pilot study”**

**Personal:**

*Single. Citizen of Russia. Citizen of Canada.  
Citizen of Australia.*

**PUBLICATIONS**

Articles**1996**

1. Hermansson U, Konstantinov I, Traff S. Lung injury with pleuropericardial rupture successfully treated by video-assisted thoracoscopy.  
*J Trauma* 1996; 40: 1024-5.
2. Franzen SF, Huljebrant IE, Konstantinov IE, Nylander E, Olin CL. Aortic valve replacement for aortic stenosis in patients with small aortic root.  
*J Heart Valve Disease* 1996; 5 (Supl. III), S 284-8.

**1997**

3. Konstantinov IE, Peterffy A. Tricuspid and pulmonary valve replacement in carcinoid heart disease.  
*J Heart Valve Disease* 1997; 6:193-7.
4. Konstantinov IE, Franzen SF, Olin CL. Periprosthetic leaks and valve dehiscence. Alternative methods of repair.  
*J Heart Valve Disease* 1997; 6:281-7.
5. Konstantinov IE. Eck-Pavlov shunt: the 120th anniversary of the first vascular anastomosis.  
*Surgery* 1997; 121(6): 640-5.
6. Hermansson U, Konstantinov IE, Aren C. Tumor dissemination after VATS: What does it mean?  
*J Thorac Cardiovasc Surg* 1997;114(2):300-302.
7. Konstantinov IE. The first coronary artery bypass operation and forgotten pioneers.  
*Ann Thorac Surg* 1997;64:1522-3.
8. Konstantinov IE, Hermansson U, Peterzen B. An approach to intracardiac needles.  
*Asia Pacific Heart J* 1997;6(2):24-7.

**1998**

9. Peterffy A, Konstantinov IE. Resection of distal tracheal and carinal tumors with the aid of cardiopulmonary bypass.  
*Scand Cardiovasc J* 1998;32(2):109-112 .
10. Konstantinov IE. Nikolai S. Korotkov: a story of an unknown surgeon with an immortal name.  
*Surgery* 1998;123(4):371-81.
11. Konstantinov IE. A mystery of Vladimir P. Demikhov: the 50th anniversary of the first intrathoracic transplantation.  
*Ann Thorac Surg* 1998;65:1171-7 .
12. Konstantinov IE. The life and death of professor Alexander P. Borodin: surgeon, chemist, and great musician.  
*Surgery* 1998;123(6):606-16.
13. Hermansson U, Konstantinov IE, Aren C. Video-assisted thoracic surgery (VATS) lobectomy: the initial Swedish experience.  
*Semin Thorac Cardiovasc Surg* 1998;10(4):285-90.
14. Konstantinov IE, Peterffy A. Distal tracheal tumor resection with cardiopulmonary bypass: revival of an old technique?  
*Ann Thorac Surg* 1998; 66:1865-6.

## 1999

15. Thubrikar MJ, Konstantinov IE, Selim GA, Gong GG, Fowler B, Robicsek F. The influence of sizing on the dynamic function of the free-hand implanted porcine aortic homograft: an in vitro study. *J Heart Valve Disease* 1999; 8(3):242-53.
16. Konstantinov IE, Alexi-Meskishvili VV. Cavo-pulmonary shunt: from the first experiments to clinical practice. *Ann Thorac Surg* 1999;68:1100-6.
17. Konstantinov IE. The last word on "A proper name for the internal mammary artery?". *Ann Thorac Surg* 1999;68:1440-41.

## 2000

18. Konstantinov IE, Alexi-Meskishvili VV. Early Italian contributions to cavopulmonary shunt procedures. *Ann Thorac Surg* 2000;69:311-2.
19. Konstantinov IE, Alexi-Meskishvili VV. Sergei Brukhonenko: Development of the first heart-lung machine for total body perfusion. *Ann Thorac Surg* 2000;69:962-6.
20. Konstantinov IE. In search for Alexander A. Maximow: a man behind the unitarian theory of haematopoiesis. *Perspectives in Biology and Medicine* 2000;43(2):269-76.
21. Thubrikar MJ, Gong GG, Konstantinov IE, Selim GA, Fowler BL, Robicsek F. Influence of sizing and subcoronary implantation technique on the function of porcine aortic homograft. *J Med Eng Technol* 2000;24(4):173-80.
22. Konstantinov IE. Robert H. Goetz: a surgeon who did the first successful coronary artery bypass operation. *Ann Thorac Surg* 2000;69:1966-72.
23. Alexi-Meskishvili VV, Konstantinov IE. Yustin Y. Djanelidze and the first successful repair of an injured ascending aorta. *Texas Heart Inst J* 2000;27: 113-6.
24. Robicsek F, Konstantinov IE. Humer Hultl: the father of the surgical stapler. *J Med Biography* 2000;8:1-4.

## 2001

25. Konstantinov IE, Puga FJ. Surgical treatment of persistent esophageal compression by an unusual form of right aortic arch. *Ann Thorac Surg* 2001;72:2121-3.
26. Konstantinov IE, Hermansson U. Intrathoracic migration of Kirschner pins: is video-assisted thoracic surgery justified? *Ann Thorac Surg* 2001;72:668-9.
27. Konstantinov IE, Puga FJ, Alexi-Meskishvili VV. Thrombosis of intra and extracardiac conduits after modified Fontan operation in patients with azygous continuation of the inferior vena cava. *Ann Thorac Surg* 2001 Nov;72(5):1641-4.

28. Konstantinov IE, Mickleborough LL, Graba J, Merchant N. Intraventricular mitral annuloplasty technique for use with repair of posterior left ventricular aneurysm.  
*J Thorac Cardiovasc Surg* 2001;122:1244-7.
29. Konstantinov IE, Zehr KJ. Aortic root replacement in a patient with vancomycin-resistant *Enterococcus faecium* endocarditis and leukemia.  
*Chest* 2001 Nov; 120(5):1744-6.
30. Van Son J, Konstantinov IE. Wilhelm Ebstein and Ebstein's malformation.  
*Eur J Cardiothorac Surg* 2001 Nov;20(5):1082-5.

## 2002

31. Van Son J, Konstantinov IE. Burkhardt Kommerell and Kommerell's diverticulum.  
*Texas Heart Inst J* 2002;29:109-12.
32. Hakanson E, Konstantinov IE, Franson SG, Svedjeholm R. Management of life threatening hemoptysis: a review of the literature apropos two cases.  
*Br J Anaesthesia* 2002; 88:291-5.
33. O'Blenes SB, Roy N, Konstantinov I, Bohn D, Van Arsdell GS. Vasopressin reversal of phenoxybenzamine-induced hypotension after the Norwood procedure.  
*J Thorac Cardiovasc Surg* 2002;123:1012-3.
34. Konstantinov IE. Resection of Kommerell's diverticulum and left subclavian artery transfer does not always relieve symptoms.  
*Eur J Cardiothorac Surg* 2002;22:1038-9.
35. Konstantinov IE. Fontan operation in a patient with separate hepatic venous drainage: is there a problem?  
*Ann Thorac Surg* 2002;74:2228-9.
36. Konstantinov IE. Cardiology's 10 greatest discoveries.  
*Texas Heart Inst J* 2002;29:344.

## 2003

37. Konstantinov IE, Van Arsdell GS, O'Blenes SB, Roy N, Campbell A. The retro-aortic innominate vein with coarctation of the aorta: surgical repair and embryology review. *Ann Thorac Surg* 2003;75:1014-6.
38. Konstantinov IE, Coles JG. The role of intraoperative device closure in the management of muscular ventricular septal defects.  
*Semin Thorac Cardiovasc Surg Pediatr Card Surg Annu* 2003;6:84-9.
39. Alexi-Meskishvili VV, Konstantinov IE. Surgery for atrial septal defect: from the first experiments to clinical practice.  
*Ann Thorac Surg* 2003;76:243-5.
40. Konstantinov IE, Zehr KJ. Mechanism and prevention of aortic insufficiency in a Marfan's patient after aortic root reconstruction using a graft with tailored sinuses.  
*Texas Heart Inst J* 2003; 30(3):243-5.

## 2004

41. Fortuna RS, Ashburn DA, Konstantinov IE, Burkhardt HM, De Oliveira N, Smallhorn

JF, Williams WG, Van Arsdell GS. Atrioventricular septal defects: effect of bridging leaflet division on early valve function.

*Ann Thorac Surg* 2004;77(3):895-902.

42. Konstantinov IE, Coles JG, Boscarino C, Takahashi M, Goncalves J, Ritter J, Van Arsdell GS. Gene expression in children undergoing cardiac surgery for right heart obstructive lesions.

*J Thorac Cardiovasc Surg* 2004;127(3):746-54.

43. Konstantinov IE, Alexi-Meskishvili VV, Williams WG, Freedom RM, Van Praagh R. Atrial switch operation: past, present and future.

*Ann Thorac Surg* 2004;77:2250-8.

44. Li J, Stokoe J, Konstantinov IE, Edgell D, Cheung M, Kharbanda R, Redington AN. Continuous measurement of oxygen consumption during cardiopulmonary bypass: description of the method and first in-vivo observations.

*Ann Thorac Surg* 2004;77:1671-7.

45. Konstantinov IE. Circular vascular stapling in coronary surgery.

*Ann Thorac Surg* 2004;78:369-73.

46. Konstantinov IE. The return of the coronary stapler: will a new technique overcome an old obstacle?

*J Thorac Cardiovasc Surg* 2004;128:330-1.

47. Konstantinov IE, Arab S, Kharbanda RK, Li J, Cheung MM, Cherepanov V, Downey GP, Liu P, Cukerman E, Coles JG, Redington AN. The remote ischemic preconditioning stimulus modifies inflammatory gene expression in humans.

*Physiol Genomics* 2004;19(1):143-50.

48. Konstantinov IE. Vasilii I. Kolesov: a surgeon to remember.

*Texas Heart Inst J* 2004;31:349-58.

49. Konstantinov IE, Lai L, Colan S, Williams WG, Li J, Jonas R, Van Praagh R.

Atrioventricular discordance with ventriculoarterial concordance: a remaining indication for the atrial switch operation.

*J Thorac Cardiovasc Surg* 2004;128(6):944-5.

## 2005

50. Konstantinov IE, Benson LN, Caldarone CA, Li J, Shimizu M, Coles JG, Van Arsdell GS, Williams WG. A simple technique for interventional transcatheter completion of total cavopulmonary connection.

*J Thorac Cardiovasc Surg* 2005; 129(1):210-2.

51. McCrindle BW, Tchervenkov CI, Konstantinov IE, Williams WG, Neirotti R, Jacobs ML, Blackstone EH. Risk factors associated with mortality and reinterventions in 474 neonates with interruption of the aortic arch: a congenital heart surgeons society study.

*J Thorac Cardiovasc Surg* 2005; 129(2):343-50.

52. Yun TJ, Coles JG, Konstantinov IE, Al-Radi OO, Wald RM, Guerra V, de Oliveira NC, Van Arsdell GS, Williams WG, Smallhorn J, Caldarone CA. Conventional and sutureless technique for management of the pulmonary veins: evolution of indications from postrepair pulmonary vein stenosis to primary pulmonary vein anomalies.

*J Thorac Cardiovasc Surg* 2005;129(1):167-74.

53. Burkhart HM, Ashburn DA, Williams WG, Konstantinov IE, Benson L, Van Arsdell GS. A novel technique to prevent re-coarctation after the Norwood procedure.

*J Thorac Cardiovasc Surg* 2005;130:61-5.

54. Konstantinov IE, Rosapepe F, Dearani JA, Alexi-Meskishvili VV, Li J. A tribute to Giancarlo Rastelli.  
*Ann Thorac Surg* 2005; 79(5):1819-23.
55. Konstantinov IE, Li J, Cheung MM, Shimizu M, Stokoe J, Kharbanda RK, Redington AN. Prior remote ischemic preconditioning of the recipient reduces myocardial ischemia-reperfusion injury of the denervated donor heart via a Katp channel-dependent mechanism: a porcine transplant model.  
*Transplantation* 2005;79(12):1691-5.
56. Konstantinov IE. A new technique of repair of mitral paravalvular leak?  
*J Thorac Cardiovasc Surg* 2005; 130(2): 614-5.
57. Alexi-Meskishvili VV, Konstantinov IE. Pioneering contributions of Alexander A. Vishnevsky and his team to cardiac surgery.  
*J Card Surg* 2005;20(6):569-73.
58. Konstantinov IE, Arab S, Li J, Cheung MMH, Redington AN. The remote ischemic preconditioning modifies gene expression in mouse myocardium.  
*J Thorac Cardiovasc Surg* 2005;130(5):1326-32.
59. Shimizu M, Nii M, Konstantinov IE, Li J, Redington AN. Isovolumic but not ejection phase tissue Doppler indices detect left ventricular dysfunction caused by coronary stenosis.  
*J Am Soc Echocardiogr* 2005;18(12):1241-6.
60. Cheung MMH, Konstantinov IE, Redington AN. Late complications of repair of tetralogy of Fallot and indications for pulmonary valve replacement.  
*Semin Thorac Cardiovasc Surg* 2005;17(2):155-9.
61. Shimizu M, Konstantinov IE, Suess AM, Cheung M, McCrindle BW, Vogel M, Redington AN. Noninvasive analysis of myocardial function using high-resolution Doppler tissue echocardiography in rats.  
*J Am Soc Echocardiogr* 2005; 18(5): 461-7.
62. Li J, Stokoe J, Konstantinov IE, Kharbanda RK, Redington AN. Evidence for a significant myocardial contribution to total metabolic burden during hypothermic cardiopulmonary bypass.  
*Perfusion* 2005;20(5):277-83.
- 2006**
63. Konstantinov IE, Karamlou T, Blackstone EH, Mosca RS, Lofland GK, Caldarone CA, Williams WG, McCrindle BW. Truncus arteriosus associated with interrupted aortic arch in 50 neonates: a congenital heart surgeons society study.  
*Ann Thorac Surg* 2006;81(1):214-22.
64. Alexi-Meskishvili VV, Konstantinov IE. Sergei S. Yudin: an untold story.  
*Surgery* 2006;139(1):115-22.
65. Li J, Konstantinov IE, Redington AN, Van Arsdell GS. Assumed oxygen consumption in the determination of cardiac output in children after cardiac surgery.  
*J Thorac Cardiovasc Surg* 2006;131(1):251.
66. Saxena P, Konstantinov IE, Koniuszko M, Singh T, Newman MAJ. Persistent severe vasospasm in off-pump coronary bypass surgery: the value of intraluminal stenting.  
*J Thorac Cardiovasc Surg* 2006;131:237-8.

67. Konstantinov IE, Karamlou T, Williams WG, Quaegebeur JM, del Nido PJ, Spray TL, Caldarone CA, Blackstone EH, McCrindle BW. Surgical management of aorto-pulmonary window associated with interrupted aortic arch: a congenital heart surgeon's society study.  
*J Thorac Cardiovasc Surg* 2006;131(5):1136-1141.
68. Konstantinov IE, Saxena P, Koniuszko MD, Singh T, Carter M, Alvarez J, Newman AJ. Prosthesis replacement in a calcified mitral annulus with reconstruction of the intervalvular fibrous body: the value of an alternative repair.  
*Texas Heart Inst J* 2006; 33(2):232-4.
69. Konstantinov IE, Redington AN. Linking gene expression, nuclear factor kappa B, remote ischemic preconditioning and transplantation: a quest for an elusive Holy Grail or a road to an amazing discovery?  
*J Thorac Cardiovasc Surg* 2006; 131(2):507-9.
70. Konstantinov IE, Li J, Redington AN. From mesothelioma to myocardial protection via the PI3K pathway: a new vista in cardiothoracic surgery.  
*J Thorac Cardiovasc Surg* 2006; 131(2):509-10.
71. Nii M, Shimizu M, Roman KS, Konstantinov I, Li J, Redington AN, Jaeggi ET. Doppler tissue imaging in the assessment of atrioventricular conduction time: validation of a novel technique and comparison with electrophysiologic and pulsed wave Doppler-derived equivalents in an animal model.  
*J Am Soc Echocardiogr* 2006; 19(3):314-21.
72. Konstantinov IE. Repair of persistent truncus arteriosus with interrupted aortic arch: what did we learn?  
*Eur J Cardiothorac Surg* 2006;29(4):635-6.
73. Bala A, Saxena P, Konstantinov IE. Transthoracic drainage of S.milleri liver abscess.  
*J Thorac Cardiovasc Surg* 2006; 131(3):744-5.
74. Saxena P, Konstantinov IE, Burstow D, Tam R. Surgical repair of a large coronary artery aneurysm with arteriovenous fistula.  
*J Thorac Cardiovasc Surg* 2006;131(5):1167-8.
75. Cheung MMH, Kharbanda RK, Konstantinov IE, Shimizu M, Frnova H, Li J, Holtby HM, Cox PN, Smallhorn JF, Van Arsdell GS, Redington AN. Randomised controlled trial of the effects of remote ischemic preconditioning in children undergoing cardiac surgery: first clinical application in humans.  
*J Am Coll Cardiol* 2006;47:2277-82.
76. Saxena P, Konstantinov IE, Koniuszko MD, Ghosh S, Low VHS, Newman MAJ. Hiatal herniation of the pancreas: diagnosis and surgical management.  
*J Thorac Cardiovasc Surg* 2006;131(5):1204-5.
77. Konstantinov IE. Primary sutureless repair of total anomalous pulmonary venous connection: the value of intrapleural hilar reapproximation.  
*J Thorac Cardiovasc Surg* 2006;132(3):729-30.
78. Kharbanda RK, Li J, Konstantinov IE, Cheung MM, White PA, Stokoe J, Cox P, Vogel M, Van Arsdell GS, MacAllister R, Redington AN. Remote ischemic preconditioning protects against cardiopulmonary bypass induced tissue injury – preclinical study.  
*Heart* 2006; 92(10): 1506-11.
79. Konstantinov IE, Alexi-Meskishvili VV. Intracardiac covered stent for transcatheter completion of total cavo-pulmonary connection: anatomical, physiological and technical considerations.  
*Scandinavian Cardiovasc J* 2006; 40(2):71-5.

80. Saxena P, Konstantinov IE, Newman MAJ. Use of a nasal speculum for chest-drain insertion: a simple technique.  
*Tex Heart Inst J* 2006;33:402-3.
81. Saxena P, Konstantinov IE, Newman MAJ, Rosenfeldt F. Use of a recirculator device for pericardial cold irrigation in cardiac surgery.  
*Tex Heart Inst J* 2006;33:412-3.
82. Tam R, Joshi P, Konstantinov IE. A simple method of preparing artificial chordae for mitral valve repair.  
*J Thorac Cardiovasc Surg* 2006;132(6):1486-7.
83. Konstantinov IE, Saxena P, Stewart N, Newman MAJ. Acute massive pulmonary embolism following migration of an inferior vena cava filter to the right ventricle.  
*Texas Heart Inst J* 2006;33(4):532-3.
84. Stewart NM, Saxena P, Newman MA, Konstantinov IE. Decompression of giant bulla in acute pneumonia: surgical palliation prior to definitive management.  
*Ann Thorac Surg* 2006;82(6):2308-9.
85. Saxena P, Konstantinov IE, Newman AJ. Use of double wires in sternal closure: a useful technique.  
*Tex Heart Inst J* 2006;33:540-1.
86. Konstantinov IE, Mejevoi N, Anichkov NM, Nikolai N. Anichkov and his theory of atherosclerosis.  
*Tex Heart Inst J* 2006;33:417-23.

## 2007

87. Schmidt MR, Smerup M, Konstantinov IE, Shimizu M, Li J, Cheung MMH, White PA, Kristiansen SB, Sorensen K, Dzavik V, Redington AN, Kharbanda RK. Intermittent peripheral tissue ischemia during coronary ischemia reduces myocardial infarction: first demonstration of remote ischemic preconditioning.  
*Am J Physiol Heart Circ Physiol* 2007; 292(4):H1883-90.
88. Saxena P, Konstantinov IE, Newman MA. Use of temporary epicardial pacing wires in cardiac surgery.  
*Heart Lung Circ* 2007;16(1):60
89. Konstantinov IE, Pohlner P. An approach to interrupted aortic arch associated with transposition of great arteries.  
*J Thorac Cardiovasc Surg* 2007;133(1):256-7.
90. Konstantinov IE, McNeil K, Yeung S, Fawcett J, Mullany D, Dunning J. Fast track recovery following en bloc heart-lung-liver transplantation in a patient with cystic fibrosis complicated by severe portal hypertension.  
*Heart Lung Circ* 2007, Mar 20; [Epub ahead of print].
91. Konstantinov IE, Saxena P, Friedrich L, Newman MAJ. Emergency surgery following failed device closure of the atrial septal defect.  
*J Thorac Cardiovasc Surg* 2007;133(5):1370-1.
92. Li J, Konstantinov IE, Cai S, Shimizu M, Redington AN. Systemic and myocardial oxygen consumption following brain death in pigs.  
*Transplantation Proceedings* 2007;39:21-6.

93. Konstantinov IE, Saxena P, Koniuszko MD, Alvarez JMP, Newman MAJ. Acute massive pulmonary embolism with cardiopulmonary resuscitation: management and results.  
*Texas Heart Inst J* 2007;34(1):41-6.
94. Shimizu M, Konstantinov IE, Kharbanda RK, Cheung MH, Redington AN. Effects of intermittent lower limb ischemia on coronary blood flow and coronary resistance in pigs.  
*Acta Physiologica (Oxf)* 2007;190(2):103-9.
95. Konstantinov IE, Newman MAJ, Koniuszko MD, Saxena P, Ghosh S, Low VHS, Khor TS, Naran A. Superior vena cava obstruction by tumour thrombus in invasive thymoma: diagnosis and surgical management.  
*Heart Lung Circ* 2007;16:462-4.
96. Saxena P, Konstantinov IE, Newman MAJ. Palliative surgical management of iatrogenic oesophageal perforation in the setting of malignant disease.  
*Heart Lung Circ* 2008;17:434-6.
97. Konstantinov IE, Saxena P, Kiuszko M, Alvarez JM, Newman MA. Iatrogenic oesophageal perforation with necrotizing mediastinitis: surgical management following delayed presentation.  
*ANZ J Surgery* 2007;77:399-401.
98. Konstantinov IE, Jalali H. Total cordal augmentation in a child with Marfan's syndrome and severe mitral insufficiency.  
*Tex Heart Inst J* 2007;34:423-4.
99. Saxena P, Konstantinov IE, Zelei D, Newman MA. Spontaneous subscapular abscess: a rare surgical condition.  
*Heart Lung Circ* 2007 Apr 5; [Epub ahead of print].
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