

CURRICULUM VITAE

Tomas A. Salerno, M.D.

BA, BSc, MSc, MDCM, FRCS (C) FACS, FCCP (Surgery)

Laurea Honoris Causa (Italy)

Laurea Honoris Causa (Argentina)

Date of Last Update: July15, 2009

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Citizenship: American

Place of Birth: Cassia, Minas Gerais, Brazil

EDUCATION

Degrees, Diplomas and Licensures

1964	B.A. (Cientifico), Colegio Roosevelt Sao Paulo, Brazil
1967	B.Sc., McGill University Montreal, Quebec
1971	M.D.C.M., McGill University Montreal, Quebec
1975	F.R.C.S.(C),
1975	M.Sc., McGill University Montreal, Quebec
1977	Fellowship, Province of Quebec in General Surgery
1977	F.R.C.S.(C), Cardiovascular and Thoracic Surgery
1977	Specialist, Cardiovascular and Thoracic Surgery, Province of Quebec
1977	Certification, American Board of Surgery
1979	Certification, American Board of Thoracic Surgery
1980	F.A.C.S.,
1982	Fellow, American College of Chest Physicians
1984	AATLS Certificate, American College of Surgeons
1999	Re-Certification American Board of Thoracic Surgery
2009	Re-Certification
2010	American Board of Thoracic Surgery

SPECIALTY TRAINING

1971 - 1972

Royal Victoria Hospital
Montreal, Quebec
Internship

1972 - 1973

Royal Victoria Hospital
Montreal, Quebec
Residency in General Surgery

Fellowships

1973 - 1974

Royal Victoria Hospital
Montreal, Quebec

Research Fellow in Cardiovascular and Thoracic Surgery

1974 - 1975

Royal Victoria Hospital
Montreal, Quebec
Chief Resident in General Surgery

1975 - 1977

Royal Victoria Hospital
Montreal, Quebec
Chief Resident in Cardiovascular and Thoracic Surgery

APPOINTMENTS

University Appointments

1973 - 1974	Anatomy Instructor, McGill University, Montreal, Quebec
1973 - 1974	Research Fellow, Cardiovascular and Thoracic Surgery, McGill University, Montreal, P.Q., Canada
1977 - 1980	Assistant Professor, Department of Surgery, Queen's University, Kingston, Ontario
1981 - 1982	Associate Professor, Department of Surgery, Queen's University, Kingston, Ontario
1982 - 1983	Associate Professor of Surgery, McGill University, Montreal, P.Q., Canada
1983 - 1986	Associate Professor, Department of Surgery, University of Toronto, Toronto, Ontario
1985 - 1991	Associate Director, Institute of Medical Science, University of Toronto, Toronto, Ontario
1985 - 1991	Professor, Department of Surgery, University of Toronto, Toronto, Ontario
1985 - Present	Professor of Surgery, University of Toronto, Toronto, Ontario, Canada
1986 - 1992	Co-Ordinator, Cardiovascular Section, Clinical Science Division, University of Toronto, Toronto, Ontario
1987 - 1992	University Chair Division of Cardiovascular Surgery, Department of Surgery, University of Toronto, Toronto, Ontario
1993 - 1994	Honorary Professor of Cardiac Surgery, University of Chieti, Chieti, Italy
1994- 1999	Professor of Surgery Chief of the Division of Cardiothoracic Surgery State University of New York at Buffalo
1999- present	Chief, CT Surgery, Jackson Memorial Hospital and tenured Professor of Surgery, University Miami, Miller School of Medicine

2004- July 2006	Chairman, Appointment, Promotion and Tenure Committee, University of Miami, Miller School of Medicine
2006 -	Vice-Chairman, Department of Surgery, Faculty Development, University of Miami, Miller School of Medicine
2007-	Interim Chief, Vascular Surgery Division, University of Miami, Miller School of Medicine.
2008-2011	Senator, University of Miami
2009- present	Member, Medical Executive Committee Jackson Memorial Hospital

Hospital Appointments

1973 - 1974	Anatomy Instructor, Royal Victoria Hospital, Montreal, Quebec
1977 - 1980	Co-Director, Intensive Care Unit, Kingston General Hospital, Kingston, Ontario
1977 - 1982	Active Staff, Hotel Dieu Hospital, Kingston, Ontario
1977 - 1982	Active Staff, Kingston General Hospital, Kingston, Ontario
1978 - 1982	Active Staff, St. Mary's of the Lake Hospital, Kingston, Ontario
1982 - 1983	Active Staff, Montreal Chest Hospital, Montreal, Quebec
1982 - 1983	Active Staff, Montreal Children's Hospital, Montreal, P.Q., Canada
1982 - 1983	Active Staff, Montreal Children's Hospital, Montreal, P.Q. Canada
1982 - 1983	Active Staff, Royal Victoria Hospital, Montreal, Quebec
1983 - 1993	Head, Division of Cardiovascular and Thoracic Surgery, St. Michael's Hospital, Toronto, Ontario

1988 - Present	Associate Staff, The Toronto Hospital, Toronto, Ontario
1991 - 1992	Associate Staff, Sunnybrook Health Science Centre, Toronto, Ontario
1995 - Present	Chief, CV Surgery, Kaleida Health, Buffalo, New York, USA
1995 - Present	Staff, Millard Fillmore Hospital Buffalo, New York, USA
1995 - Present	Staff, Veteran Administration Medical Center, Buffalo, New York, USA
1999-present	Chief, CT Surgery, Jackson Memorial Hospital, Miami, Florida
1999-present	Staff, VAMC, Miami, Florida
1999 - present	Staff, Mercy Hospital, Miami, Florida
2008 – present	UMH hospital, Miami, Florida

Other Appointments

1973 - 1974	Research Fellow, Cardiovascular and Thoracic Surgery, McGill University, Montreal, P.Q., Canada
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Cross Appointments

1987 - Present	Adjunct Professor, Faculty Graduate Studies, Physiology Exercise Area, York University, Toronto, Ontario
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Licensure

Quebec, Canada 72190
Ontario, Canada
NY State, USA 198936-1

MEMBER OF EDITORIAL BOARDS OF SCIENTIFIC JOURNALS

1. **Editorial Board member**, Journal of Cardiac Surgery: 1997 to present
2. **Editorial Board member**, Cardiovascular Engineering: 1996 to present
3. **Editorial Board member**, Current Surgery : 1990 to present
4. **Editorial Board Member**, J of Pan Arab Clinical Medicine: 1994 to present
5. **Editorial Board Member**, International Advisory Board, Asia Annals, Cardiovascular and Thoracic Surgery
6. **Editorial Board Member**, Heart Sugery Forum, 2005 to present
7. **Editorial Board Member**, Annals of Thoracic Surgery, 2002 to present
8. **International Editorial member** of of Thoracic Journal, Brazil: 1994 to present
9. **Advisory Board** and International Editorial Board member, J. Saudi Heart Assoc.
10. **Editorial Board Member**, Journal of Cardiothoracic Surgery August 22/2005 to present
11. **Member of Advisory Board** to the Commissioner of Health, State of New York, 1997-2000
12. **Member, International Relations** Committee, Society of Thoracic Surgeons, 1998-2002.
13. **Editorial Board Member**, Journal of Cardiothoracic Surgery August 22/2005 to present
14. **Vice President:** Council of the International Academy of Cardiovascular Sciences, North America. 2005 to present..
15. **Leadership role:** Workforce on International Realtionships. Society of Thoracic Surgeons, 2007-210.
16. **Member, Editorial Board of Case Reports in Medicine – 2009 – to present**

GUEST REVIEWER FOR SCIENTIFIC JOURNALS

- 1) Guest reviewer for European Journal of Cardiothoracic Surgery
- 2) Guest reviewer for Chest
- 3) Guest reviewer for Journal of Thoracic and Cardiovascular Surgery
- 4) Guest reviewer for Lancet
- 5) Guest reviewer for Circulation
- 6) American Heart Association

SOCIETY FOUNDATION

- 1) Founding President: Latin American Association of Cardiovascular and Thoracic Surgeons. 2003
- 2) Honorary President: Latin American Association of Cardiovascular and Thoracic Surgeons.

AWARDS

- 1) **Lister Prize, University of Toronto 1988:** Outstanding basic science research award by the University, Prize given yearly in the Department of Surgery

- 2) **Outstanding mentor and surgical Educator Award**, 1988-199, SUNY Buffalo, given annually for the Best Teacher in the Surgical Department
- 3) **Premio Montevergine, Italy, June 18, 2004** (most prestigious award for dedication and diffusion of the art of cardiothoracic surgery).
- 4) **Teacher of the year Award**, Cardiothoracic Surgery, University Miami 2005, 2006.
- 5) **Zeppa Achievement Award**, University Miami/JMH 2008
- 6) **Proclamation: May 7 is Tomas Salerno's day, Award given by the Mayor of Miami Dade, May 7th, 2009.**

17. PUBLICATIONS

PA denotes Primary Author; SA Secondary; JA Joint; C Collaborator
Peer Reviewed
Published

1. **Salerno TA, Shizgal HM, Dobell ARC:** Blood flow with roller versus pulsatile pump during cardiopulmonary bypass in hypertrophied hearts. Surgical Forum 1974: 25: pp 141-142. **PA**
2. **Salerno TA:** The distribution of blood flow in the myocardium during pulsatile perfusion. Master's Thesis 1975. **PA**
3. **Fried G, Salerno TA, Burke D, Brown HC, Mulder DA:** Management of the extremity with combined neurovascular and musculoskeletal trauma. Journal of Trauma 1978: 18: pp 481-486. **SA**
4. **Little JR, Salerno TA:** Continuous suturing for microvascular anastomosis. Journal of Neurosurgery 1978: 48: pp 1042-1045. **JA**
5. **Salerno TA, Ayeni OR, Boundell PE, Chiu PC:** Femoro-femoral bypass: A valuable procedure. Canadian Journal of Surgery 1978: 21: pp 112-113. **PA**
6. **Salerno TA, Charrette EJP:** The short saphenous: An alternative to the long saphenous vein for aortocoronary bypass. Annals of Thoracic Surgery 1978: 25: pp 457-458. **PA**
7. **Salerno TA, Lince DP, White DN, Lynn RB, Charrette EJP:** EEG monitoring during open heart surgery: A prospective analysis of 118 cases. Journal of Thoracic and Cardiovascular Surgery 1978: 76: pp 97-100. **PA**

8. **Salerno TA, Lince DP, White DN, Lynn RB, Charrette EJP:** Arch versus femoral artery perfusion during cardiopulmonary bypass. *Journal of Thoracic and Cardiovascular Surgery* 1978: 76: pp 681-684. **PA**
9. **Salerno TA, Munro DD, Little JR:** Surgical treatment of bronchogenic carcinoma with a brain metastasis. *Journal of Neurosurgery* 1978: 48: pp 350-354. **PA**
10. **Wasan SM, Salerno TA, Charrette EJP:** Prospective analysis of heart biopsies during heart surgery. *Journal of Molecular and Cellular Cardiology* 1979: 1(2): pp 64. **SA**
11. **Charrette EJP, Salerno TA:** Is left ventricular decompression necessary in coronary surgery. *Canadian Journal of Surgery* 1979: 22: pp 121-122. **PA**
12. **Salerno TA, Charrette EJP:** Intra-operative transmural myocardial biopsy: A simple technique. *Canadian Journal of Surgery* 1979: 22: pp 487. **PA**
13. **Salerno TA, Charrette EJP:** Prospective analysis of valvular replacement without venting the left ventricle. *Journal of Thoracic and Cardiovascular Surgery* 1979: 78: pp 131-135. **PA**
14. **Salerno TA, Charertte EJP:** Elimination of venting in coronary surgery. *Annals of Thoracic Surgery* 1979: 27: pp 340-343. **PA**
15. **Salerno TA, Chiu CJ:** On understanding coronary bypass surgery. *Canadian Journal of Surgery* 1979: 22: pp 203-204. **PA**
16. **Salerno TA, Keith FM, Charrette EJP:** Cardioplegic arrest in patients with previous Vineberg implants. *Journal of Thoracic and Cardiovascular Surgery* 1979: 78: pp 769-771. **PA**
17. **Salerno TA, Lince DP, Wasan SM, Charrette EJP:** Prospective analysis of heart biopsies in coronary surgery. *Annals of Thoracic Surgery* 1979: 28: pp 436-439. **PA**
18. **Salerno TA, Little JR, Munro DD:** Bronchogenic carcinoma with a brain metastasis: A continuing challenge. *Annals of Thoracic Surgery* 1979: 27: pp 235-237. **PA**
19. **Salerno TA, Mulder DA, Chiu CJ:** Intra-operative blood flow responses in coronary artery bypass grafts. *Canadian Journal of Surgery* 1979: 22: pp 260-263. **PA**
20. **Salerno TA, Munro DD, Blundell PE, Chiu CJ:** Secondary primary bronchogenic carcinoma: Life table analysis of surgical results. (Lead article. An editorial on this paper was published on the same issue by an external referee). *Annals of Thoracic Surgery* 1979: 27: pp 3-6. **PA**
21. **Salerno TA, Shizgal HM, Dobell ARC:** Pulsatile perfusion: Its effects on blood flow distribution in hypertrophied hearts. *Annals of Thoracic Surgery* 1979: 27: pp 539-563. **PA**

22. **Salerno TA, Shizgal HM, Dobell ARC:** Myocardial hypertrophy: The distribution of cell growth within the layers of the myocardium. *Annals of Thoracic Surgery* 1979: 27: pp 141-143. **PA**
23. **Salerno TA, White DB, Charrette EJP:** Cerebral surveillance during cardiac surgery. *Canadian Journal of Surgery* 1979: 22: pp 325-326. **PA**
24. **Salerno TA, Wasan SM, Charrette EJ:** Prospective analysis of heart biopsies in coronary artery surgery. *Ann Thorac Surg* 1979: 28: 436-439
25. **Brennan JF, Salerno TA:** Surgical treatment of symptomatic venous hum. *Journal of Thoracic and Cardiovascular Surgery* 1980: 81: pp 135-136. **JA**
26. **Keith FM, Charrette EJP, Lynn RB, Salerno TA:** Inhalation of foreign bodies in children: A continuing challenge in management. *Canadian Medical Association Journal* 1980: 122: pp 52-56. **PA**
27. **Salerno TA, Charrette EJP, Keith FM:** Hemolysis during pulsatile perfusion: Clinical evaluation of a new device. *Journal of Thoracic and Cardiovascular Surgery* 1980: 79: pp 579-581. **PA**
28. **Salerno TA, Chiong MA:** Cardioplegic arrest in pigs: Effects of glucose-containing cardioplegic solutions. *Journal of Thoracic and Cardiovascular Surgery* 1980: 80: pp 929-933. **PA**
29. **Salerno TA, Wasan SM, Charrette EJP:** Glucose substrate in myocardial protection. *Journal of Thoracic and Cardiovascular Surgery* 1980: 79: pp 59-62. **PA**
30. **Olowoeye JO, Thadani U, Charrette EJP, Salerno TA, Parker JO:** Subaortic annular left ventricular aneurysm: An unusual correctable cause of aortic incompetence. *Catheterization and Cardiovascular Diagnosis* 1980: 6: pp 285-291. **C**
31. **Chiong MA, Salerno TA:** Myocardial glycogen and potassium cardioplegia. *Journal of Thoracic and Cardiovascular Surgery* 1981: 81: pp 948. **PA**
32. **Mercer D, Doris P, Salerno TA:** Intra-aortic balloon counterpulsation in septic shock. *Canadian Journal of Surgery* 1981: 24: pp 643-645. **PA**
33. **Milne B, Cervenka FW, Morales A, Salerno TA:** Massive intraoperative pulmonary tumour embolus from renal cell carcinoma. *Anaesthesiology* 1981: 54: pp 253-255. **PA**
34. **Salerno TA, Charrette EJP, Chiong MA:** Is cardioplegic re-arrest safe? (editorial by Dr. R. Chiu preceded this article). *Canadian Journal of Surgery* 1981: 24: pp 483-484. **PA**
35. **Salerno TA, Charrette EJP, Morales A:** Priapism after aortic valve replacement. *Canadian Journal of Surgery* 1981: 24: pp 202-203. **PA**
36. **Salerno TA, Chiong MA, Neilson IR, Charrette EJP:** Cardioplegic re-arrest: Clinical experience with twelve cases. *Canadian Journal of Surgery* 1981: 24: pp 649-650. **PA**

37. **Salerno TA, Henderson M, Keith FM, Charrette EJP:** Hypertension after coronary operation: Can it be prevented by pulsatile perfusion? *Journal of Thoracic and Cardiovascular Surgery* 1981: 81: pp 396-409. **PA**
38. **Salerno TA, Hernandez P, Lynn RB:** Abdominal aneurysm in the elderly. *Canadian Journal of Surgery* 1981: 24: pp 71-72. **PA**
39. **Salerno TA, Neilson IR, Charrette EJP, Lynn RB:** Twenty-five year experience with the closed method of treatment in 139 cases of mitral stenosis (lead article - an editorial by Dr. J.G. Scannell preceded our publication in the same journal). *Annals of Thoracic Surgery* 1981: 31: pp 300-304. **PA**
40. **Wren SFG, Salerno TA, Crowe M, DeBold AJ:** Myocardial glycolytic and gluconeogenic enzyme activity during cardiopulmonary bypass in humans. *Canadian Journal of Surgery* 1981: 24: pp 604-605. **C**
41. **Ludwin D, Morales A, Salerno TA, Cohanin M, Singer MA, Morrin AP:** Renal transplantation in Kingston: The results obtained by a small centre. *Canadian Medical Association Journal* 1982: 126: pp 1420-1421. **C**
42. **Salerno TA:** Single cross-clamping period for the proximal and distal anastomoses in coronary surgery: An alternative to conventional techniques. *Annals of Thoracic Surgery* 1982: 33: pp 518-520. **PA**
43. **Salerno TA, Chiong MA:** Should ventricular fibrillation be induced prior to the infusion of cardioplegic solution? *Annals of Thoracic Surgery* 1983: 35: pp 367-371. **PA**
44. **Salerno TA, West RO, Lynn RB, Charrette EJP:** The fate of the omental graft after revascularization of the human heart. *Canadian Journal of Surgery* 1982: 25: pp 349-350. **PA**
45. **Winton TL, Charrette EJP, Salerno TA:** The cell saver during cardiac surgery: Does it save? *Annals of Thoracic Surgery* 1982: 33: pp 379-381. **PA**
46. **O'Connor HM, Dagnone LE, Salerno TA:** Outpatient management of spontaneous pneumothorax. *CAEP Review* 1982: 3: pp 52-55. **PA**
47. **Salerno TA, Milne B, Jhamandas H:** The hemodynamic effects of naloxone in hemorrhagic shock in pigs. *Surgery, Gynaecology and Obstetrics* 1982: 152: pp 773-776. **PA**
48. **Brennan FJ, Ford SE, Ford PM, Morrin PAF, Burgraaf GW, Salerno TA:** Mitral regurgitation due to lupus endocarditis treated with valve replacement. *Canadian Medical Association Journal* 1983: 129: pp 584-586. **C**

49. **Cervenko FW, Shelley SE, Spence DG, Charrette EJP, Salerno TA:** Massive endobronchial haemorrhage during cardiopulmonary bypass: Treatable complication of balloon-tipped catheter damage to the pulmonary artery. *Annals of Thoracic Surgery* 1983: 35: pp 326-328. **PA**
50. **Charrette EJP, Winton T, Salerno TA:** Acute respiratory insufficiency from a descending thoracic aneurysm. *Journal of Thoracic and Cardiovascular Surgery* 1983: 85: pp 467-470. **C**
51. **DeBold AJ, Salerno TA:** Natriuretic activity of extracts obtained from hearts of different species and from various rat tissues. *Canadian Journal of Physiology and Pharmacology* 1983: 61: pp 127-130. **JA**
52. **Heaton JPW, Salerno TA:** Single aortic clamping for proximal and distal anastomoses in coronary operations: Study of myocardial temperatures in non-vented hearts. *Annals of Thoracic Surgery* 1983: 35: pp 530-534. **PA**
53. **Jensen V, Milne B, Salerno TA:** Femoro-femoral cardiopulmonary bypass prior to induction of anaesthesia in the management of upper airway obstruction. *Canadian Journal of Anaesthesia* 1983: 30: pp 270-272. **PA**
54. **Kafka H, Parker JOP, Charrette EJP, Salerno TA:** Malfunction of a single leaflet in a St. Jude Medical mitral valve prosthesis: A clinical diagnosis dilemma. *Canadian Journal of Surgery* 1983: 26: pp 84-86. **PA**
55. **Novick RJ, Stefaniszyn HJ, Morin JE, Tchervenkov CI, Malcolm ID, Symes JF, Dobell ARC, Salerno TA:** Atrial electrical activity and its suppression during cardioplegic arrest in pigs. *Journal of Thoracic and Cardiovascular Surgery* 1983: 86: pp 235-241. **PA**
56. **Novick RJ, Stefaniszyn HJ, Salerno TA:** Preservation of the hypertrophied heart: A comparison of crystalloid, blood and Fluosol cardioplegia during prolonged aortic clamping. *Surgical Forum* 1983: 34: pp 321-324. **PA**
57. **Rogers K, Milne B, Salerno TA:** The hemodynamic effects of intra-aortic versus intravenous administration of protamine for reversal of heparin in pigs. *Journal of Thoracic and Cardiovascular Surgery* 1983: 85: pp 851-855. **PA**
58. **Salerno TA:** The cell saver in non cardiac surgery. *Annals of Thoracic Surgery* 1983: 35: pp 575-576. **PA**
59. **Salerno TA:** Insertion of the intra-aortic balloon through the ascending aorta and its removal under local anaesthesia. *Canadian Journal of Surgery* 1983: 26: pp 69. **PA**
60. **Salerno TA, Chiong MA:** Ventricular fibrillation induced prior to cardioplegic infusion in hypertrophied hearts of pigs. *Annals of Thoracic Surgery* 1983: 36: pp 152-160. **PA**

61. **Salerno TA, Chiong MA:** The hemodynamic and metabolic effects of cardioplegic rearrest in the pig. *Annals of Thoracic Surgery* 1983: 35: pp 280-287. **PA**
62. **Salerno TA, Stefaniszyn HJ:** Spontaneous ventricular fibrillation occurring at institution of cardiopulmonary bypass: Possible clinical implications. *Journal of Thoracic and Cardiovascular Surgery* 1983: 86: pp 306-309. **PA**
63. **Stefaniszyn HJ, Novick RJ, Keith FM, Salerno TA:** Is the brain adequately cooled during hypothermic cardiopulmonary bypass? *Current Surgery* 1983: 40: pp 294-297. **PA**
64. **Stefaniszyn HJ, Novick RJ, Salerno TA:** Hemodynamic effects of protamine and heparin interaction. *Surgical Forum* 1983: 34: pp 354-356. **PA**
65. **Winton T, Salerno TA:** Femoro-femoral bypass for temporary cardiac support in the art of surgery. *Canadian Journal of Surgery* 1983: 26: pp 465-468. **PA**
66. **Milne B, Rogers K, Salerno TA:** The hemodynamic effects of intra-aortic versus intravenous administration of protamine for reversal of heparin in man. *Canadian Anaesthesia Society Journal* 1983: 30: pp 347-351. **PA**
67. **Heaton JPW, Salerno TA:** Kidney transplantation: A rational approach to the vascular anastomoses. *Urology* 1984: 24: pp 340-342. **PA**
68. **Heaton JPW, Salerno TA:** Improvement in neurological function following repair of Type I aortic dissection with an intraluminal prosthesis. *Canadian Journal of Surgery* 1984: 27: pp 619-620. **PA**
69. **McGregor M, Sheldon H, Dwyer D, Stefaniszyn HJ, Novick RJ, Spence PA, Salerno TA:** The role of intimal hyperplasia in arterial spasm. *Canadian Medical Association Journal* 1984: 131: pp 329-330. **PA**
70. **Novick RJ, Stefaniszyn HJ, Malcolm ID, Salerno TA:** Differential electrical activity of the atria during cardioplegic arrest in pigs. *Annals of Thoracic Surgery* 1984: 37: pp 154-158. **PA**
71. **Sniderman AD, Burdon T, Homan J, Salerno TA:** Pulmonary blood flow: A potential factor in the pathogenesis of pulmonary edema. *Journal of Thoracic and Cardiovascular Surgery* 1984: 87: pp 130-135. **JA**
72. **Spence PA, Cohen Z, Salerno TA:** Strangulated diaphragmatic hernia in a patient with osteogenesis imperfecta. *Canadian Medical Association Journal* 1984: 131: pp 1369-1370. **C**
73. **Spence PA, Weisel RD, Easdown J, Jabr AK, Yap V, Salerno TA:** Pulmonary artery balloon counterpulsation and its mechanism of action in right ventricular failure during left heart bypass. *Surgical Forum* 1984: 35: pp 325-326. **PA**

74. **Stefaniszyn HJ, Morin JE, Wynands JE, Salerno TA:** Recurrent or residual shunt following repair of acute post-infarctional ventricular septal defect. *Canadian Journal of Surgery* 1984: 27: pp 266-270. **PA**
75. **Stefaniszyn HJ, Novick RJ, Michel RP, Salerno TA:** Reaction of subcutaneous tissues to Fluosol-DA-20% injection. *Canadian Journal of Surgery* 1984: 27: pp 176-178. **PA**
76. **Stefaniszyn HJ, Novick RJ, Salerno TA:** Towards a better understanding of the hemodynamic effects of protamine and heparin interaction. *Journal of Thoracic and Cardiovascular Surgery* 1984: 87: pp 678-686. **PA**
77. **Stefaniszyn HJ, Novick RJ, Sniderman AD, Sheldon H, Salerno TA:** Anatomical observations in cadavers during application of a partial exclusion clamp to the ascending aorta. *Current Surgery* 1984: 41: pp 184-187. **PA**
78. **Tchervenkov CI, Salerno TA:** Preliminary experience with a new technique of insertion and removal of the intra-aortic balloon into the ascending aorta. *Journal of Thoracic and Cardiovascular Surgery* 1984: 87: pp 475-477. **PA**
79. **Diehl JT, Kaiser LR, Howard R, Salerno TA:** Acute ascending aortic dissection: The use of two-dimensional echocardiography for diagnosis. *Canadian Journal of Surgery* 1985: 28: pp 345-347. **PA**
80. **Ianuzzo CD, Brotherton S, Gallow D, Salerno TA:** Myocardial strategy for adapting to chronic tachycardia. *Surgical Forum* 1985: 36: pp 234-235. **JA**
81. **Kaiser LR, Salerno TA:** Coronary artery bypass surgery in patients with total laryngectomy. *Annals of Thoracic Surgery* 1985: 39: pp 481-482. **PA**
82. **Lichtenstein SV, Slutsky AS, Salerno TA:** Non-invasive right and left ventricular assist. *Surgical Forum* 1985: 36: pp 306-308. **JA**
83. **Novick RD, Stefaniszyn HJ, Michele RP, Burdon FD, Salerno TA:** Protection of the hypertrophied pig myocardium: A comparison of crystalloid, blood and fluosol cardioplegia during prolonged aortic clamping. *Journal of Thoracic and Cardiovascular Surgery* 1985: 89: pp 547-566. **PA**
84. **Spence PA, Peniston CM, Mihic N, Jabr AK, Narini P, Salerno TA:** An assessment of left ventricular function after mitral valve replacement: The effects of division of the chordae tendinae and fixation of the mitral annulus. *Surgical Forum* 1985: 36: pp 236-237. **PA**
85. **Spence PA, Peniston CM, Weisel RD, Jabr AK, Yap V, Salerno TA:** Is atrial function affected by conventional cardioplegic arrest? *Journal of Surgical Research* 1985: 38: pp 509-514. **PA**

86. **Spence PA, Peniston CM, David TE, Mihic N, Jabr AK, Narini P, Salerno TA:** Toward a better understanding of the etiology of left ventricular dysfunction after mitral valve replacement: an experimental study with possible clinical implications. *Ann Thorac Surg* 1986; 41: 363-372
87. **Spence PA, Weisel RD, Easdown J, Jabr AK, Salerno TA:** Pulmonary artery balloon counterpulsation in the management of right heart failure during left heart bypass. *Journal of Thoracic and Cardiovascular Surgery* 1985; 89: pp 264-268. **PA**
88. **Spence PA, Weisel RD, Easdown J, Jabr AK, Yap V, Salerno TA:** The hemodynamic effects and mechanism of action of pulmonary artery balloon counterpulsation in the treatment of right ventricular failure during left heart bypass. *Annals of Thoracic Surgery* 1985; 39: pp 329-335. **PA**
89. **Stefaniszyn HJ, Wynands JE, Salerno TA:** Initial experience with artificial blood (Fluosol-DA-20%) in severely anaemic patients. *Journal of Cardiovascular Surgery* 1985; 26: pp 337-342. **PA**
90. **Peniston CM, Spence PA, Archer D, Jabr AK, David TE, Salerno TA:** Does the size of the prosthesis affect global left ventricular function after mitral valve replacement? *Proceedings, World Conference on Open Heart Surgery* 1985. **PA**
91. **Spence PA, Peniston CM, Weisel RD, Easdown J, Jabr AK, Yap V, Salerno TA:** Right ventricular failure during left heart bypass: The role of pulmonary artery balloon counterpulsation. *Proceedings, World Conference on Open Heart Surgery* 1985. **PA**
92. **Spence PA, Salerno TA:** Right atrial protection during cardioplegic arrest. *Symposium on Myocardial Protection* 1985. **PA**
93. **Spence PA, Weisel RD, Salerno TA:** Right ventricular failure: Pathophysiology and treatment. In: *Surgical Clinics of North America* (Wetstein L, Myerowitz PD, eds). 1985: pp 689-697. **PA**
94. **Byrick RJ, Ycas J, Salerno TA;** Tracheomotor response to cardiopulmonary bypass: Influence of lung deflation and cardiac distension. *Canadian Anaesthesia Society Journal* 1985; 32: pp 223-230.
95. **Addetia AMG, Lichtenstein SV, Ko AS, Saikkonen M, Sainani M, Salerno TA:** Study on myocardial contractility after cardiopulmonary bypass versus cardioplegic arrest in an air ejecting vivo heart model. *Annals of Thoracic Surgery* 1986; 41: pp 260-264. **PA**
96. **Peniston CM, El-Dalati H, Maitland A, Jabr AK, Robinson T, Howard R, Salerno TA:** Homograft mitral valve apparatus replacement (MVAR) is feasible with preservation of left ventricular function (LVF). *Surgical Forum* 1986; 37: pp 304-305. **PA**
97. **Peniston CM, Spence PA, Mihic N, Jabr AK, McLennan M, Salerno TA:** The effects of cardioplegic arrest on right atrial function. *Annals of Thoracic Surgery* 1986; 41: pp 473-477. **PA**

98. **Spence PA, Peniston CM, David TE, Mihic N, Jabr AK, Narini P, Salerno TA:** Toward a better understanding of the etiology of left ventricular dysfunction after mitral valve replacement: An experimental study with possible clinical implications. *Annals of Thoracic Surgery* 1986; 41: pp 363-371. **PA**
99. **Spence PA, Peniston CM, Jabr AK, Salerno TA:** A rational approach for the selection of a mechanical assist device for the failing right ventricle. *Annals of Thoracic Surgery* 1986; 41: pp 606-608. **PA**
100. **Spence PA, Peniston CM, Mihic N, David TE, Jabr AK, Archer D, Salerno TA:** A physiologic approach to surgery for acute rupture of the papillary muscle. *Annals of Thoracic Surgery* 1986; 42: pp 27-30. **JA**
101. **El-Dalati H, Salerno TA, Lichtenstein SV:** A novel method of non-invasive cardiac assist. *PACE* 1987. **SA**
102. **Lichtenstein SV, El-Dalati H, Panos AL, Rice TW, Salerno TA:** Systemic vascular effects of epinephrine administration in man. *Journal of Surgical Research* 1987; 42: pp 166-178. **C** reless intraluminal prosthesis. *Annals of Thoracic Surgery* 1987; 43: pp 502-507. **C**
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GENERAL PUBLICATIONS

PA denotes Primary Author; SA Secondary; JA Joint; C Collaborator

Invited Reviews

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ABSTRACTS

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47. **Cusimano RJ, Chin ID, Salerno TA, Wittnich C:** Metabolic analysis of the heart and liver of the 5 ½ month old spontaneously hypertensive rat (SHR). International Soc. For Heart Research, June 1988.
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72. **Deslauriers R, Lareau S, Keon WJ, Tian GH, Biro GP Kupriyanov VV, Salerno TA:** Magnetic resonance in heart preservation for transplantation and surgery. International Conference on Heart Failure, Winnipeg, Manitoba, Canada. Scientific Program 1994. JA
73. **Salerno TA:** Myocardial protection: Where are we going? II International Symposium - Myocardial Preservation Looking Towards the 21st Century, Chicago, Illinois, USA. Scientific Program 1994. PA
74. **Bergsland J, Hasnain S, Bhayana JN, Grosner G, Lajos TZ, Salerno TA:** Coronary artery bypass grafting (CABG) without cardiopulmonary bypass (CPB)-an attractive alternative in high risk patients. Accepted to European Association for Cardiothoracic Surgery. October 6-9, 1996.
75. **Hoffenberg EF, Salerno TA, Deslauriers R:** Antegrade and retrograde continuous warm blood cardioplegia. 31P magnetic resonance study. Presented at 4th World Congress on Heart Failure, Mechanisms and Management. May 29, 1996.
76. **Mehta NK, Carroll M, Sykes ED, Tan Z, Bergsland J, Canty J, Bahayan J, Hoover E, Salerno TA:** Heat Shock protein 70 expression in native and heterotopically transplanted rat hearts. Assoc. Academic Surg. Nov. 15, 1996, Chicago.
77. **Deslauriers R, Ye F, Filgueiras CL, Yang L, Ede M, Summers R, Salerno TA, Ryner L, Kozlowski P, Sun J, Saunders JK:** Cerebral protection during moderate hypothermic circulatory arrest. A 31P MRS studies in pigs. European Society for Magnetic Resonance in Medicine and Biology, Sept. 12, 1996.
78. **Ye J, Sun J, Summers R, Salerno TA, Deslauriers R:** Does retrograde cardioplegia provide equal protection to both ventricles? A magnetic resonance spectroscopy study in pig hearts. Am. Heart Assoc. 69th Meeting, November 1996, New Orleans.

79. **Akhter M, Lajos TZ, Grosner G, Bergsland J, Visco J, Salerno TA:** Reoperations with the right gastroepiploic artery without cardiopulmonary bypass. Poster presentation at World Congress on Minimally Invasive Cardiac Surgery, Paris, France, May 30, 1997.
80. **Bergsland J, Hasnain S, Houck J, Lewin AN, Lajos TZ, Salerno TA:** Elimination of cardiopulmonary bypass - A prime goal in reoperative coronary artery bypass surgery. EACTS, September 30th, 1997.
81. **Ye J, Sun J, Hoffenberg EF, Shen J, Summers R, Saunders JK, Salerno TA, Deslauriers R:** Effect of antegrade and retrograde warm blood cardioplegia on energy metabolism in ischemic areas of both ventricles. A 31P magnetic resonance study. Accepted to Seventh World Congress International Society of Cardiothoracic Surgeons, Dusseldorf, Germany, September 1, 1997.
82. **G. D'Ancona, HL Karamanoukian, TA Salerno, R Lima, J Bergsland:** Hemodynamic consequences of elevation of the heart and stabilization of coronary arteries during off pump coronary surgery. Submitted to Canadian Cardiovascular Society, April 1999.
83. **H. Karamanoukian, G D'Ancona, TA Salerno, S Schmid, J Bergsland:** Left main stenosis is not a contraindication for off-pump cardiopulmonary bypass coronary revascularization. Submitted to European Association for Cardio-thoracic Surgery, April 1999.
84. **Bergsland J, Soltoski P, D'Ancona G, Schmid S, Hasnain S, Salerno TA.:** Changing referral pattern in off-pump coronary artery bypass surgery. A strategy for improving surgical results. Presented at the International Society for Minimally Invasive Cardiac Surgery annual meeting in Paris, France, May 21-22 1999.
85. **Bergsland J, D'Ancona G, Salerno TA.:** Improving the exposure of the posterior coronary arteries during off-pump coronary artery bypass. Poster presentation at the annual meeting of the International Society for Minimally Invasive Cardiac Surgery, Paris, France, May 21-22 1999.
86. **D'Ancona G, Karamanoukian, HL, Salerno, TA, Schmid S, Bergsland J.:** Graft revision after transit time flow measurement (TTFM) in off-pump coronary artery bypass grafting (CABG). Presented at the European Association for Cardio-Thoracic Surgery annual meeting in Glasgow, Scotland, September 7, 1999.
87. **Kawaguchi AT, Koide S, Bergsland J, Salerno TA, Bocchino L, Batista RJV:** Effects of preoperative mitral regurgitation on outcome of partial left ventriculectomy (Batista Procedure). American College of Cardiology 49th Annual Scientific Session.
88. **Kawaguchi AT, Koide S, Bergsland J, Salerno TA, Bocchino L, Batista RJV:** Ventricular volume reduction rather than restored mitral competence is responsible for benefits of partial left ventriculectomy. International Society for Heart and Lung Transplantation 20th Annual Meeting. April 5-8, 2000.

89. **Kawaguchi AT, Bocchino LO, Shimura S, Ujiie T, Koide S, Bergsland J, Salerno TA, Linde LM, Batista R:** Transventricular mitral annuloplasty (MAP) eliminates mitral regurgitation after partial left ventriculectomy. International Society for Heart and Lung Transplantation 20th Annual Meeting. April 5-8, 2000.
90. **Kawaguchi AT, Takahashi N, Ishibashi-Ueda H, Linde LM, Bergsland J, Salerno TA, Koide S, Batista RJV:** Multivariate analysis on factors affecting results after partial left ventriculectomy. International Society for Heart and Lung Transplantation 20th Annual Meeting. April 5-8, 2000.
91. **Wang J, Xiang B, Gruwel M, Jackson M, Salerno T, Deslauriers R, Tian G:** Normothermic normokalemic simultaneous blood perfusion improves preservation of hypertrophied myocardium. 16th world congress of the world society of cardiothoracic surgeons, Ottawa, Canada. 2006
92. **Wang J, Xiang B, Gruwel M, Jackson H, Liu H, Salerno T, Deslaurier R, Tian G:** perfusion of an empty beating heart – a new good technique to protect hypertrophied hearts for valve surgery. Magnetic resonance in Medicine, 14: 1171. International Society for Magnetic Resonance in Medicine (ISMRM) 14th Scientific Meeting and Exhibition, Seattle, Washington, USA.
93. **Wang J, Xiang H, Liu M, Li G, Jackson M, Salerno T, Tomanek B, Deslauriers R, Tian G:** empty-beating perfusion improves preservation of hypertrophied hearts for valve surgery. J. Molel. Cl. Cardiol. 40: 909. 28th Annual International society for heart research north American section meeting, Toronto, Canada 2006
94. **Wang J, Xiang H, Liu H, Gruwel M, LiG, Jackson M, Salerno T, Tomanek B, Deslauriers R and Tian G: Simultaneous perfusion is not superior to antegrade perfusion during beating heart valve surgery. J. Mole. Cell Cardiol 40; 909, 2006, 28th Annual international society for heart research north American meeting, Toronto, Ontario, Canada.**
95. **Wang J, Xiang G, Li G, Gruwel M, Manley D, Jackson M, Salerno T, Deslauriers R, and Tian G:** Empty-beating heart perfusion improves preservation of hypertrophied failing heart for valve surgery. 6th Annual General meeting of NRC Genomics and health initiative. Ottawa, Ontario Canada, oral presentation 2005.

PRESENTATIONS

Invited Visits to Other Hospitals/Universities/Etc.

1. Intensive Care Course, McGill University, Montreal, Quebec, 1978. Traumatic chest injuries.
2. Intensive Care Course, McGill University, Montreal, Quebec, 1979. Chest injury.
3. Intensive Care Course, McGill University, Montreal, Quebec, 1980. Chest injury.

4. McGill University, Montreal, Quebec, 1980. Pulmonary embolism.
5. Walter C. Mackenzie Research Day, Edmonton, Alberta, Jun 1980. The effects of glucose substrate in myocardial protection.
6. Intensive Care Course, McGill University, Montreal, Quebec, 1981. Chest injury.
7. McGill University, Montreal, Quebec, 1981. Postoperative management of open heart surgical patients.
8. American College of Chest Physicians, Toronto, Ontario, 1982. (1) An alternative method of performing coronary artery anastomoses, (2) Single aortic clamping (SAC) for coronary surgery: Thermodynamic considerations.
9. Canadian Cardiovascular Society Annual Meeting, Calgary, Alberta, 1982. Symposium on coronary artery surgery.
10. VIII Symposium on Clinical Uses of Fluosol, Los Angeles, California, 1983. Panelist member.
11. Canadian Cardiovascular Society, Toronto, Ontario, 1983. Panelist member.
12. Visiting Professor, Memorial University, St. John's, Newfoundland, 1983. The fate of Fluosol.
13. McGill University, Montreal, Quebec, 1983. The role of surgery in coronary artery disease.
14. Postgraduate Course in Vascular Surgery, McGill University, Montreal, Quebec, 1983. Who needs a surgeon?
15. Lecture to First and Second Year Students, York University, Toronto, Ontario, Sep 1985. Causes of coronary artery disease and recovery.
16. American Heart Association, Washington, D.C., Nov 1985. Panel Member: Mechanical assistance of the failing heart.
17. Universidade de Sao Paulo, Faculdade de Medicina de Ribeirao Preto, Ribeirao Preto, Brazil, Mar 1986. (1) Management of thoracic trauma, (2) Recent developments in cardiac surgery.
18. Heart and Stroke Foundation of Ontario, North York Volunteer Appreciation Night, North York, Ontario, Mar 1986. Cardiovascular research: Current advances.
19. Clinical Research Society of Toronto, Toronto, Ontario, Apr 1986. Controversies in myocardial preservation during coronary artery surgery.

20. Universidade de Sao Paulo, Faculdade de Medicina de Ribeirao Preto, Ribeirao Preto, Brazil, Jun 1986. (1) New horizons in cardiac surgery, (2) Questions and answers in cardiac surgery, (3) Cardiac Surgery: Panel Member, (4) Clinical decisions in cardiac surgery, (5) Cardiology and cardiac surgery.
21. Department of Clinical Engineering, University of Toronto, Toronto, Ontario, 1987. Circulatory assist techniques.
22. Canadian Atherosclerosis Society, Ottawa, Ontario, 1987. Scientific Committee Organizer.
23. Lloyd McClean Day, McGill University, Montreal, Quebec, May 1987. Update on the clinical and experimental uses of Fluosol.
24. Society of Cardiovascular and Thoracic Surgery, Winnipeg, Manitoba, Sep 1987. Co-Chairman: Section on Cardiovascular Surgery.
25. Canadian Atherosclerosis Society, Winnipeg, Manitoba, Sep 1987. Co-Chairman: Section on atherosclerosis and lipoprotein.
26. York University, Department of Physical Education, Toronto, Ontario, Dec 1987. Modern concepts in cardiac surgery.
27. International Congress of Cardiovascular Surgery, Rio de Janeiro, Brazil, Apr 1988. (1) Changing spectrum of cardiac surgery, (2) Surgery for acquired heart disease, (3) What is new in perfusion?
28. Visiting Professor, University of Alberta Hospital, Edmonton, Alberta, Sep 1988. (1) Whatever happened to artificial blood?, (2) Recent advances in balloon assistance of the heart.
29. Canadian Atherosclerosis Society, Ottawa, Ontario, Oct 1988. Co-Chairman of Session.
30. American Heart Association, Washington, D.C., Nov 1988. Co-Chairman: Session, cardiovascular surgery: Myocardial preservation and surgery for arrhythmia.
31. Canadian Cardiovascular Society, Vancouver, British Columbia, Oct 1989. (1) Continuous blood cardioplegia, (2) Is there a future for pulmonary artery balloon counterpulsation?
32. International Congress of Cardiovascular Surgery, Belo Horizonte, Brazil, Apr 1990. (1) Continuous blood cardioplegia, (2) Health care system in Canada.
33. Oxford International Symposium, Oxford, England, Aug 1990. Continuous blood cardioplegia: Option for the future or return to the past?
34. American College of Chest Physicians, Toronto, Ontario, Oct 1990. Valvular surgery and ventricular septal defect.

35. Visiting Professor, The Kay Group, Los Angeles, California, Oct 2, 1990. Current concepts in myocardial protection.
36. Visiting Professor, Good Samaritan Hospital, Los Angeles, California, Oct 2, 1990. Retrograde continuous warm blood cardioplegia.
37. Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Oct 11, 1990. Co-Chairman: Bigelow lecture by Dr. A.R.C. Dobell - Training of cardiovascular residents.
38. Symposium for Cardiac Surgeons in Western Canada, Kawanaskis, Alberta, Oct 12, 1990. Retrograde continuous warm blood cardioplegia.
39. Visiting Professor, Georgia Baptist Medical Centre, Atlanta, Georgia, Nov 1, 1990. (1) Retrograde continuous warm blood cardioplegia, (2) Course Co-Organizer.
40. Visiting Professor, Emory University, Atlanta, Georgia, Nov 1, 1990. Retrograde warm heart surgery.
41. Visiting Professor, Ottawa Heart Institute, Ottawa, Ontario, Nov 7, 1990. Retrograde continuous warm blood cardioplegia.
42. The Finnish Society for Thoracic and Cardiovascular Surgery, Helsinki, Finland, Nov 9, 1990. Retrograde warm heart surgery.
43. The Finnish Society of Angiology, Helsinki, Finland, Nov 10, 1990. Redo coronary artery surgery, year 2000.
44. National Research Council of Canada, Ottawa, Ontario, Jan 24, 1991. New concepts of myocardial protection.
45. Visiting Professor, Department of Surgery, University of Louisville, Louisville, Kentucky, Feb 2, 1991. Techniques of retrograde continuous warm blood cardioplegia.
46. Visiting Professor, Cedar-Sinai Medical Centre, Los Angeles, California, Feb 25, 1991 - Feb 26, 1991. Retrograde continuous warm blood cardioplegia.
47. Visiting Professor, University of California Los Angeles, Los Angeles, California, Feb 26, 1991. Retrograde continuous warm blood cardioplegia.
48. Visiting Professor, University of Manitoba, Winnipeg, Manitoba, Mar 5, 1991 - Mar 7, 1991. New concepts of myocardial protection.
49. Visiting Professor, Baystate Medical Centre, Springfield, Massachusetts, Mar 11, 1991. Retrograde continuous warm blood cardioplegia.
50. Visiting Professor, Albert Einstein Hospital, Bronx, New York, Mar 21, 1991. Retrograde continuous warm blood cardioplegia.

51. COBE meeting, Colorado, Mar 22, 1991 - Mar 26, 1991. Resuscitation of the heart during cardiac surgery.
52. Visiting Professor, Buffalo General Hospital, Buffalo, New York, Apr 27, 1991. Retrograde continuous warm blood cardioplegia.
53. Visiting Professor, University of Manitoba, Winnipeg, Manitoba, May 1, 1991 - May 2, 1991. Retrograde continuous warm blood cardioplegia.
54. Regina Society, Regina, Saskatchewan, May 16, 1991. Resuscitation of the heart during cardiac surgery.
55. University of Barcelona, Barcelona, Spain, May 25, 1991. Visiting Professor Retrograde Warm Blood Cardioplegia.
56. Catalanian Thoracic Society, Barcelona, Spain, May 25, 1991. (1) Retrograde warm blood cardioplegia, (2) Stentless valvular prosthesis.
57. Medtronic National Sales Meeting, Phoenix, Arizona, Jun 1991. Recent advances in myocardial protection.
58. AMSECT, Spring Meeting, Niagara Falls, Canada, Jun 8, 1991. Resuscitation of the heart during heart surgery.
59. DLP, Grand Rapids, Michigan, Jul 12, 1991. Myocardial protection of the future.
60. University of Wurzburg, Wurzburg, Germany, Jul 21, 1991 - Jul 23, 1991. Retrograde continuous warm blood cardioplegia.
61. Baxter Laboratories, Orange County, California, Aug 8, 1991. Techniques and pitfalls of retrograde continuous warm blood cardioplegia.
62. International Society for Artificial Organ (ISAO), Montreal, Quebec, Aug 22, 1991. Chairman/Cardiovascular Assist III.
63. Dante Pazanezzi Institute, University of Sao Paulo, Sao Paulo, Brazil, Sep 12, 1991. Retrograde warm blood cardioplegia.
64. Congresso Nacional de Cirurgia Experimental, Foz do Iguassu, Brazil, Sep 17, 1991. Retrograde warm blood cardioplegia.
65. Sao Jose Rio Preto Hospital, Sao Jose Rio Preto, Brazil, Sep 18, 1991. Warm blood cardioplegia.
66. AMSEC IV, Chicago, Illinois, Sep 22, 1991. Warm heart/cold hands.
67. International Medical Institute, Atlanta, Georgia, Sep 26, 1991. The future of medical practice.

68. Emory Clinic, Atlanta, Georgia, Sep 27, 1991. Research on normothermic cardioplegia.
69. George Baptist Hospital, Atlanta, Georgia, Sep 27, 1991. What is new on retrograde warm blood cardioplegia.
70. AMSEC Region IV Meeting, Biloxi, Mississippi, Sep 28, 1991. Retrograde warm blood cardioplegia.
71. Canadian Cardiovascular Society, Calgary, Alberta, Oct 1991. Technique of retrograde warm blood cardioplegia.
72. University of Massachusetts, Springfield, Massachusetts, Oct 4, 1991. (1) Warm heart/cold hands, (2) Resuscitation of the heart during cardiac surgery.
73. Canadian Cardiovascular Society, Calgary, Alberta, Oct 18, 1991. Retrograde continuous warm blood cardioplegia.
74. Canadian Cardiovascular Society, Calgary, Alberta, Canada, Oct 1991. Invited Panelist Member Technique of Retrograde Warm Blood Cardioplegia.
75. Life Systems, Detroit, Michigan, Dec 9, 1991. Retrograde warm blood cardioplegia.
76. Queen's University, Kingston, Ontario, Dec 12, 1991. Monitoring the heart during cardiac surgery.
77. Visiting Professor, University of Washington, St. Louis, Missouri, Dec 16, 1991. New developments in myocardial protection.
78. University of Minnesota, Minneapolis, Minnesota, Dec 16, 1991. Retrograde warm blood cardioplegia.
79. Hitchcock Medical Center, Lebanon, New Hampshire, Dec 20, 1991 - Dec 21, 1991. The end of the ice age in cardiac surgery.
80. East Carolina University, Greenville, North Carolina, Jan 9, 1992. Putting science into intraoperative myocardial protection.
81. University of Washington, Seattle, Washington, Feb 1992. (1) Improving results of high risk cardiac surgery, (2) Prevention of ischemia during cardiac surgery: The search for the ideal protective/monitoring technique.
82. Society of Thoracic Surgeons, Orlando, Florida, Feb 3, 1992 - Feb 5, 1992. Monitoring of the heart and problems with retrograde warm blood cardioplegia.
83. Kaiser Sunset Hospital, Los Angeles, California, Feb 19, 1992. Improving results in high risk cardiac surgery.
84. Fresno Group, Los Angeles, California, Feb 20, 1992. Prevention of ischemia during cardiac surgery.

85. Cardiothoracic Surgery Symposium, San Diego, California, Feb 29, 1992. Closing the loop in myocardial protection.
86. Florida Society of Thoracic and Cardiovascular Surgeons, Longboat Key, Florida, Mar 1, 1992. The end of the ice age in heart surgery.
87. University of Vermont, Vermont, Apr 9, 1992 - Apr 10, 1992. The future of heart surgery.
88. International Medical Institute, Atlanta, Georgia, Apr 20, 1992 - Apr 22, 1992. Medical communications in the twenty-first century: A new global outlook.
89. Medtronic Resident Program in Cardiac Surgery, Pasadena, California, Apr 24, 1992. Recent advancements in myocardial protection.
90. American Association for Thoracic Surgeons, Los Angeles, California, Apr 27, 1992. Answers to problems with retrograde normothermic cardioplegia.
91. Saudi Heart Association, Riyadh, Saudi Arabia, May 2, 1992 - May 8, 1992. (1) Evidence for resuscitation of the heart during surgery, (2) Operating Surgeon Demonstrator: Retrograde warm blood cardioplegia.
92. King Faisal Specialist Hospital, Riyadh, Saudi Arabia, May 2, 1992 - May 8, 1992. The end of the ice age in cardiac surgery.
93. King Khalid Hospital, Riyadh, Saudi Arabia, May 7, 1992. The end of the ice age in cardiac surgery.
94. Deborah Heart and Lung Center, Browns Mills, New Jersey, May 27, 1992 - May 28, 1992. The end of the ice age in cardiac surgery.
95. Myocardial Preservation: Current Technology and Future Trends, Atlanta, Georgia, Jul 1992. (1) Theory and concepts of normothermic cardioplegia, (2) Retrograde/antegrade cardioplegic techniques, (3) Panelist Moderator, (4) Organizer.
96. Strasbourg Meeting in Cardiovascular Surgery, Strasbourg, France, Jul 1992. Warm heart surgery update: From protection to resuscitation to monitoring of the heart.
97. Brazilian Society of Cardiac Surgery, Rio de Janeiro, Brazil, Aug 1992. Cardiac surgery: The tip of the iceberg.
98. AmSect Region X, Squaw Creek, California, Sep 1992. The end of the ice age in cardiac surgery.
99. Universita D'Annunzio, Chieti, Italy, Oct 1992. (1) Retrograde continuous normothermic blood cardioplegia: Is this the answer? (2) Course Co-Organizer, (3) Operating surgeon demonstrator.

100. Ottawa Heart Institute, Ottawa, Ontario, Oct 1992. Co-Chair session: New procedures and technologies in cardiovascular devices.
101. University of Rome, Rome, Italy, Oct 1992. Myocardial protection of the future.
102. American College of Chest Physicians, Chicago, Illinois, Oct 1992. Warm heart surgery.
103. Divisione di Cardiocirurgia, Palermo, Italy, Nov 1992. (1) The future of myocardial protection, (2) Operating surgeon demonstrator.
104. Symposium on Molecular Biology and Transplantation of Thoracic Organs, Kiel, Germany, Nov 1992. Perspectives on myocardial protection: What it is today and what it could have been.
105. Symposium on Myocardial Protection, Bergamo, Italy, Feb 1993. (1) Theory and concepts of normothermic cardioplegia, (2) Course Director/Organizer.
106. University of Barcelona, Hospital Clinico y Provincial, Barcelona, Spain, Mar 1993. Operating surgeon demonstrator.
107. University Hospital, Umea, Sweden, Jun 1993. Operating surgeon demonstrator.
108. European Congress on Extra-Corporeal Circulation Technology, Arles, France, Jun 1993. Review of the benefits and risks of warm heart surgery: The perfusionist's perspective.
109. European Association for Cardio-Thoracic Surgery, Umea, Sweden, Jun 1993. Warm heart surgery; operating surgeon demonstrator.
110. Jabr AK, Conn J, Martin P, Salerno TA, Lattout O: Review of the benefits and risks of warm heart surgery: The perfusionist's perspective. European Congress on Extra Corporeal Circulation Technology, Arles, France, Jun 1993.
111. Jabr AK, Conn J, Martin P, Salerno TA, Lattouf O: Review of the benefits and Risks of Warm Heart Surgery: The Perfusionist's Perspective. Fifth European Congress on Extra-Corporeal Circulation Technology, Arles, France, June 9, 1993.
112. University Hospital of Siena, Siena, Italy, Jul 1993. Operating surgeon demonstrator.
113. European Warm Heart Surgery Club, Siena, Italy, Jul 1, 1993 - Jul 4, 1993. (1) Perspectives on warm heart surgery, (2) Review of clinical results of normothermic cardioplegia, (3) Founding Member, (4) operating surgeon demonstrator.
114. Visiting Professor, Florida Medical Center, Fort Lauderdale, Florida, Jul 28, 1993 - Jul 30, 1993. The end of the ice age in cardiac surgery.
115. Third National Congress of Experimental Surgery/Second International Congress of Surgery, Belo Horizonte, Brazil, Aug 1993. Round Table Participant: Cardioplegic techniques.

116. Visiting Professor and Guest Lecturer. Great Lakes Perfusionists, Dearborn, Michigan, Sep 10, 1993. Health care system delivery in Canada.
117. Workshop on Cardioplegic Techniques, University of Chieti, Chieti, Italy, Sep 16, 1993 - Sep 18, 1993. Co-organizer.
118. Workshop on Normothermic Heart Surgery, Paris, France, Oct 15, 1993 - Oct 16, 1993. Honorary guest.
119. International Coronary Surgery Symposium, Buenos Aires, Argentina, Nov 16, 1993 - Nov 17, 1993. Current techniques on myocardial protection.
120. Deslauriers R, Butler KW, Lareau S, Labow R, Keon WJ, Tian Gang Hong, Kupyianov V, Panos AL, Salerno TA: The use of NMR technology to assess the adequacy of myocardial protection. Symposium International de Cirurgia Coronaria y Curso, Parlelo, Argentina, Nov 1993.
121. The American Academy of Cardiovascular Cardiopulmonary Perfusion, New Orleans, Louisiana, Jan 29, 1994. Update on warm heart surgery.
122. Society of Cardiovascular Anesthesiologists Cardiopulmonary Bypass Workshop, Montreal, Quebec, Canada, Apr 24, 1994. Normothermia is better than hypothermia during bypass.
123. Visiting Professor, U. Chieti, Italy, May 11-17, 1994.
124. Workshop: Myocardial Preservation II: Operative Demonstration of Current Techniques and Future Developments, Atlanta, Georgia, Oct 6, 1994 - Oct 8, 1994. Program Director and Co-Organizer.
125. Salerno TA: Normothermia is Better Than Hypothermia During Cardiopulmonary Bypass (CPB). Society of Cardiovascular Anesthesiologists, Montreal Canada, Apr 27, 1994.
126. Guest Lecturer. Myocardial Protection. The importance of Research. Sociedade Cardiology Rio Grande Sol, Sta Maria, RG, Brazil. May 16, 1994.
127. Lunch with the Professor. Cardiologia RGS, Brazil. May 16, 1994.
128. Congreso de la Sociedad Espanola de Cirugia Cardiovascular -Guest Lecture: Myocardial Protection June 28, 1994 - Meeting with the Residents, June 28, 1994. Round Table: Health Care, June 28, 1994.
129. Symposium on Myocardial Protection: Looking Towards the 21st Century. Lecture: Update on Warm Heart Surgery. Chicago, Illinois, October 16, 1994.

130. Visiting Professor, Pontificia Universidade Catolica du Parana, Brasil. October 20, 1994.
Lecturer: Modern Myocardial Protection.
131. Guest Lecturer: International Workshop on Arterial Conduits for Myocardial
Revascularization "Myocardial Protection in High Risk Patients" Rome, Italy. November
- 18, 1994.
132. Brazilian Congress Cardiac Surgery. Lecture: Warm Heart Surgery Belo Horizonte
Brazil December 16, 1994.
133. Chairman Live Surgery Technique Workshop on Arterial Conduit for Myocardial
Revascularization. Rome, Italy November 17, 1994.
134. Presenter, University of Siena - University of Toronto International Scientific
Symposium. "Myocardial Preservation: Five Years Experience of Warm Heart Surgery
in Toronto and Siena". Toronto, Canada December 8, 1994.
135. Lima, Peru; "IX Congreso Peruano de Cirugia Toracica Y Cardiovascular"; February 27
- March 3, 1995.
136. Buffalo, New York: Symposium on mitral valvular surgery. "Myocardial protection in
high risk patients. May 1995.
137. Rome Italy: 6th International symposium on Cardiac Surgery. Heart Surgery 1995. May
29-June 1, 1995. Warm Heart Surgery
138. Waterloo, Belgium: Update on Myocardial Protection Meeting. Lecture "Warm Heart
Surgery"; June 25, 1995.
139. University of Chieti, Italy, Visiting Professor May 30, 1995.
140. Sweden, Urebro. Visiting Professor. Lecture: Myocardial Protection, August 21-25, 1995
141. Katowice, Ziolowa, Poland: Myocardial Protection at the end of 1990: Warm Heart
Surgery, September 1995.
142. Kyoto, Japan; Twenty-Second World Congress of the International Society for
Cardiovascular Surgery. Presentation on "Myocardial Preservation", September 8-15,
1995.
143. San Antonio, Texas, USA; American Heart Association, presentation "Warm Heart
Surgery"; September 21, 1995.
144. Austin, Texas, Cabomedics Plant Meeting, Advances in Myocardial Protection, "Warm
Heart Surgery", September 22, 1995.

145. Brazil; "Sociedade Cardiologia RGS", December 1995, Lecture: Myocardial Protection, Updated. Rio Grande do Sul, Brazil
146. Brazil; Symposium on Myocardial Protection. Coorganizer. Belo Horizonte, Minas Gerais, Brazil, December 12-16, 1995. Lecture: Warm Heart Surgery, updated.
147. Bristol, England. Invited Professor. Lecture: Warm Heart Surgery, February 3-14, 1996. Chieti, Italy. Visiting Professor, February 4, 1996.
148. New Dehli, India. Indian Association of Cardiothoracic Surgeons, Lecture: Warm Heart Surgery, February 23-March 1, 1996.
149. Chieti, Italy. Warm Heart Surgery for coronary artery disease. April 17-23, 1996.
150. Chieti, Italy. Moderator, Live Surgery. Minimally Invasive Coronary artery surgery. April 19, 1996. Chairman of session on Live Surgery.
151. San Diego, CA. Moderator Organizer of the Minimally Invasive Coronary Artery Bypass Surgery (LAST procedure) and Left Ventricular Volume Reduction (Batista Operation) in the treatment of patients with end-stage heart disease. Monday, April 29, 1996.
152. Buffalo, New York. Co-organizer of Innovations in Cardiac Surgery. August 23-24, 1996. Featured minimally Invasive procedures and the Batista operation. Televised live to 503 centers across North America.
153. Rio de Janeiro, Brazil: Sociedade de Cirurgia Cardiaca Brasileira. Guest Lecture: Innovations in cardiac surgery. Round table participation: Aortic aneurysm. Myocardial Protection Lecture. August 23-27, 1996.
154. Puerto Rico: Lecture: Innovations in cardiac surgery. August 2-7, 1996. Participation in the Batista operation with Drs. Batista and Dr. Raul Garcia Rinaldi.
155. Ottawa, Ontario, Canada. Ottawa Heart Institute. Presenter: Innovations in Cardiac Surgery, June 5, 1996
156. Carolinas Heart Institute, Charlotte, North Carolina. Presenter of Surgical Grand Rounds: Innovations in cardiac surgery. June 13, 1996
157. Sorin, California: Presenter. Recent developments in cardioplegia. June 3, 1996
158. Chieti, Italy: Course Chairman: Educational Course on Minimally Invasive Coronary Surgery, November 14-14, 1996.
159. Bristol, England: Bristol Heart Institute, International Workshop: Recent Developments in Cardiac Surgery. Lecture: Continuous warm blood cardioplegia, October 3, 1996.

160. Bergamo, Italy. Surgical Options for end-stage heart disease. The Batista Operation. September 14, 1996.
161. Bristol, England: Lecture: Warm Heart Surgery. Association of Cardiothoracic Anesthetists, November 8th, 1996.
162. St. Francis Medical Center, Trenton, NJ: Grand Rounds: Recent developments in heart surgery. October 16, 1996.
163. Organizer, A new Era in Coronary Artery Surgery. Meeting in San Diego, February 2, 1997.
164. Salerno: Closing Remarks Co-Organizer and Co-Moderator, Meeting on Management of end stage dilated cardiomyopathy. Paris, France, January 24, 1997.
165. Salerno Lecture: Ventricular reduction: The Buffalo University Hospital Experience. Cor MidCab Institute, Chieti, Italy, February 17-18, 1997
166. Moderator of live surgery Current Status of MidCab, lecture. A New Era in Coronary Artery Surgery. Co-organizer of Meeting. Paralel to the STS Meeting in San Diego, February 2, 1997.
167. The Batista Operation in the Treatment of End-Stage Heart Disease. Organizer of the Meeting and Lecture: Introduction and Concept of the Batista operation. San Diego, CA. February 3, 1997.
168. Coronary Artery Disease. Lecture. Columbia Westside Regional Medical Center and the American Heart Association, Fort Lauderdale, Florida Jan 29, 1997.
169. Minimally Invasive Coronary surgery. Hospital Pavia, Puerto Rico, August 5th, 1997.
170. University of Toronto, Mt. Sinai Hospital. Lecture: The Batista operation in the treatment of end-stage heart disease. Toronto, Ontario, Canada Jan 16, 1997.
171. Buffalo Surgical Society. Lecture: End State Heart Disease: New surgical approach. Jan 16, 1997
172. University of Alberta, Canada. Visiting professor. Lecture: Treatment of End-stage heart disease. April 10, 11, 1997.
173. SUNY at Buffalo. Presentation of Lecture to the Society of Academic Black Surgeons: Treatment of end-stage heart diseases. April 12, 1997.
174. Campo Grande, Brazil: Lecture to the Braz. Soc. of Cardiothoracic Surgeons: New developments in cardiac surgery. April 13-18, 1997.

175. Olean, New York. Presentation to NY Medical Society: The Batista operation. April 19, 1997.
176. Washington, DC: Update on Batista Operation. Presenter: Results from North American Experience. May 3-6, 1997
177. Norwegian Soc. Cardiac Surgeons. Presenter and co-chairman symposium. Warm heart surgery and Batista Operation. Oslo, 10-14, 1997.
178. MidCab Meeting, Chiety Italy. Program Director and presenter: Minimally Invasive coronary surgery. May 28 to June 1, 1997.
179. Austin, Texas. Seton Medical Center. Batista Symposium. Presenter: Results of the Batista Operation in Buffalo. March 20-21, 1997.
180. Prague, Czekowloakia; Dideco Meeting. Presenter: The future of myocardial protection. June 10-12, 1997
181. Columbia Medical Center, Fort Myers. Lecture: The Batista operation to treat cardiomyopathy. June 13-14, 1997.
182. Lima, Peru. Lecture: International Advances in CT/CV Surgery August 20 - 22, 1997.
183. Florida Heart Institute, Orlando, Florida. Lecture: North American Experiences of the Batista Surgery. September 2, 1998
184. St. Agnes Medical Center, Fresno, California. Lecture: Myocardial Resection for Treatment of Dilated Cardiomyopathy. September 9, 10, 1997.
185. Queen Elizabeth II Conference Cenetre. London, England. Lecture: New Approaches For Myocardial Ischemia and Failure, Ventricular Reduction. September 24 - 26, 1997
186. Central Baptist Hospital. Lexington, Kentucky. Lecture: Advances In The Treatment of Heart Disease. October 3, 1997.
187. Hackensack University Medical Center. Hackensack, New Jersey. Lecture: Innovations in Cardiothoracic Surgery. October 7, 1998
188. Annual American College of Surgeons, Chicago, Illinois. Lecture: North American Experience with Partial Left Ventriculectomy. October 15, 1997.
189. Chiety, Italy. Minimally Invasive Conference. October 16, 17, 1997
190. Kettering Medical Center, Dayton, Ohio. Lecture: Elimination of the Heart Lung Machine From Coronary Artery Bypass Surgery. November 13, 1997.
191. Tampa, Florida. Cardiology Grand Rounds. November 14, 1997

192. Sao Jose Rio Preto, Brazil: Congresso de Cirurgia Cardiaca. Speaker: Minimally Invasive coronary artery surgery, November 19, 21, 1997.
193. Chiety, Italy: Educational course on Total Arterial Revascularization. Speaker. Minimally Invasive coronary artery and course organizer.
194. Belo Horizonte, Brazil. Course organizer. Chairman of Scientific Forum VII, December 5-15, 1997.
195. Ahtens, Greece. Cardiac Symposium. Minimally Invasive Heart Surgery. Guest speaker, January 15, 1998.
196. New Orleans. Society of Thoracic Surgeons, Speaker, January 25, 1998
197. Heart Surgery without cardiopulmonary bypass
198. Rio Preto, Brazil. Guest speaker: The future of cardiac surgery. January 28, 1998.
199. Tampa, Florida. The Batista operation. February 7, 1998
200. Orange County, CA: Speaker St. Jude Medical Center, February 13, 1998
201. Syracuse, New York. Speaker. Elizabeth Blackwell Day, February 18, 1998
202. Puerto Rico. IV International Symposium on Cardiac Surgery. Guest Speaker: Minimally Invasive Heart Surgery, March 7, 1998
203. Lake Louise, Alberta, Canada. 14th Conference, American Heart Foundation. Speaker. The Batista Operation. March 17, 1998.
204. Hudson, Florida. Guest Speaker: Columbia Heart. March 22, 1998.
205. Florence, North Carolina. Grand Rounds. Heart Surgery without Pump. April 4, 1998.
206. UCLA, Los Angeles, CA. Minimally Invasive coronary artery surgery. April 6, 1998.
207. Bristol, England. Royal Infirmary speaker: Beating Heart Surgery, April 16, 1998.
208. Sorrento, Italy. Guest Speaker. ANPEC/Soc of Perfusionist. The Future of heart Surgery, May 22, 1998
209. New York, NY. Core meeting. Presentation on Beating Heart Surgery, June 6, 1998.
210. Nice, France. Co-Chair. The 11th CT Congress, the Batista Operation, June 20, 1998.
211. Chiety, Italy. Co-organizer Symposium on End-stage heart disease. June 23, 1998

212. Missouri, St. Louis. Core Meeting on Beating heart Surgery, July 18, 1998.
213. Bristol, England. Minimally Invasive Heart Surgery, Meeting Bristol Royal Infirmary, August 5, 1998
214. Memphis, TN. Core Conference, Beating Heart Surgery. August 22, 1998.
215. Recife, Brazil. Meeting Co-organizer on Beating Heart Surgery, September 10, 1998
216. Belgium. 12th Annual European Conference, Speaker. September 20, 1998
217. Goiana, Brazil. Symposium on Coronary artery Surgery, Speaker. November 2, 1998.
218. Washington, DC. TCT Symposium. Coronary Surgery off pump. November 5, 1998
219. Tampa, Florida. Minimally Invasive Symposium. Speaker. November 9, 1998
220. Miami, Florida. Columbia Health Care, Speaker on Off Pump Surgery, November 9, 1998.
221. Texas, Dallas. American Heart Association Lecture. Minimally invasive coronary artery surgery. November 9, 1998.
222. Palermo, Italy. Honoured Guest Speaker. Heart Surgery Symposium. November 27, 1998.
223. Fort Lauderdale. Organizer meeting on Minimally Invasive Heart Surgery. December 4, 1998.
397. Belo Horizonte, Brazil. Co-chairman, meeting on Cardiac Surgery, December 10, 1998.
398. New York, NY. Speaker. Anesthesiology Meeting. December 13, 1998.
224. Miami, Florida. Core Meeting. Speaker, January 12, 1999.
225. San Antonio, Texas. Post Graduate course. Off-Pump surgery. January 24, 1999.
226. Long Island Jewish Hospital, NY: Lecture. Minimally Invasive coronary artery surgery. Visiting Professor, February 8, 1999.
227. Barcelona, Spain: Minimally invasive coronary artery surgery; March 2, 1999.
228. A Coruña Spain: Minimally Invasive Cardiac Surgery 2nd World Live Teleconference: Minimally Invasive Coronary Bypass Surgery – The Buffalo Experience. March 25, 1999.

229. Chieti, Italy; University of D'Annunzio: Minimally Invasive Coronary Bypass Surgery – The Buffalo Experience, March 10, 1999.
230. Carlsbad, CA; Tenet Heart Institute Cardiac Symposium-Keynote Speaker: Complications of Minimally Invasive Coronary Artery Bypass Surgery. March 13, 1999.
231. Tampa, FL: Tampa General Hospital; International Symposium Minimally Invasive Total Myocardial Revascularization: Live Surgery Moderator – Total Myocardial Revascularization Off Cardiopulmonary Bypass. March 19, 1999.
232. Tampa, FL: Tampa General Hospital; International Symposium Minimally Invasive Total Myocardial Revascularization: Minimally Invasive CABG Surgery: An Overview. March 19, 1999.
233. Tampa, FL: Tampa General Hospital; International Symposium Minimally Invasive Total Myocardial Revascularization: Strategies in Revascularizing the Obtuse Marginal Artery. March 20, 1999.
234. Göteborg, Sweden: Heart Failure '99. Surgical treatment of advanced heart failure. June 7, 1999.
235. Göteborg, Sweden: Heart Failure '99. Experience with the Bastista procedure. June 7, 1999.
236. Miami, FL: Minimally Invasive Cardiac Surgery Symposium: Innovations and Future Directions. Off-Pump Coronary Artery Bypass: A Developmental Overview. May 30, 1999.
237. Glasgow, Scotland: Participant in European Association for Cardio-Thoracic Surgery State-of-the-Heart in Emerging Coronary Revascularization satellite symposium. September 4, 1999.
238. Recife, Brazil. III Curso de Cirurgia Coronária Minimamente Invasiva: Moderator: Papel da abordagem cirú por minitoracotomia. September 18, 1999.
239. Tampa, FL: Columbia/HCA Cardiovascular Management Network Meeting. New Technology in Minimally Invasive Cardiac Surgery. October 22, 1999.
240. Miami, FL: Participant - A Cardiac Surgery Roundtable: “Coronary Artery Bypass Off-Pump Surgical Techniques and Clinical Issue”. October 30, 1999.
240. Mexico City: New trend in coronary artery surgery. Sept. 30, 99.
241. Malaysia: Guest speaker: Beating heart surgery. April 1, 2001

242. Hong Kong: Chair of session on Beating Heart Surgery, April 3, 2001
243. Hong Kong: Beating Heart coronary surgery, April 6, 2002.
244. Caracas, Venezuela: Guest speaker: Beating heart coronary surgery. August 1, 2001.
245. Aruba: Presentation on beating heart coronary surgery. Dece/6, 2001.
246. Mexico City: Beating heart valvular surgery, presentation. March 7, 2002
247. Korea: Visiting professor and lecture on state of the art in heart surgery. April 11,2002
248. Peru, Lima: Co-Chairman session on beating heart surgery. August 2, 2002
249. Venezuela, Caracas: Co-Chairman session on myocardial protection. Oct 1, 2003
250. Cartagena, Colombia: Visiting professor: Lecture on state of the art in treatment of heart failure. Nov. 23, 2003.
251. Santiago, Dominica Republic: Beating heart coronary and valvular surgery. Lecture. Feb. 20, 2004.
252. Guadalajara, Mexico: Lecture on Treatment of end-stage heart disease. June 11, 2003
253. Rome, Italy: The use of venous grafts is coronary surgery. Presentation at University Catholica. June 19, 2003
254. Lima, Peru: Presentation on Beating heart minimally invasive coronary surgery. August 22, 2003
255. Quebec, Canada: Presentation on beating heart valves. September 11, 2003
256. Sao Paulo, Brazil: Lecture: Tratamento cirurgico das cardiopatas terminais. October 10, 2003.
257. Bogota, Colombia: Lecture for the XX Colombia congress of Cardiology on Beating heart coronary surgery. November 18, 2003
258. Ormand Beach, Florida: Lecture on OPCAB surgery. January 12, 2004

259. Santiago, Dominica Republic: 2nd Congress of Corazones del Cibao: Presentation on treatment of heart failure with surgery. February 20, 2004.
260. Erice, Sicily, Italy: Ettoire Majorana Foundation and Centre for Scientific Culture. Presenter: Beating heart valvular surgery. A new frontier in cardiac surgery Nov 23, 2005
261. Rio de Janeiro, Brazil: Scientific Forum XV, International Congress of Cardiovascular Sciences, Meeting organizer. 2005
262. Chicago, Illionois, Society of Thoracic Surgeons. Meeting organizer for the International meeting of cardiac surgery. Jan 29-31.2005
263. Toronto, Canada: Key Note Speaker at the Tenth Annual Terrence Donnelly Cardiac Residents' Research Day: Swimming against the current... My life as a heart surgery. Toronto April 8th, 2006.
264. Santiago, Chile. Beating heart surgery lecture. U. Chile, November 13-17, 2006.
265. Athens, Greece: Two Lectures: Beating valvular surgery; and stenting in aortic diseases. The Onasis International Conference, Nov 27-Dec 1, 2006.
266. Miami, Florida: Lecture for the Kendall Hospital: Myocardial Protection and beating valvular surgery. Miami, June 23, 2007
267. Lima, Peru, Curso International de Cardiologia. Lectures:
- Myocardial protection in heart surgery
Myocardial revascularization in triple vessel disease
Mitral valve surgery in dilated cardiomyopathy
Minimally invasive cardiac surgery
- August 16-17, 2007
268. STS FortLauderdale. Organizer symposion on Cell Therapy, International Relations Committee Meeting, Jan 26-28, 2008
269. World Congress of Cardiac Surgery, Kos, Greece, May 2008: Beating heart surgery lecture.
270. World Congress of Cardiac Surgery, Kos, Greece, May 2008: Final Lecture of the conference: The future of Heart surgery.
271. Association de Cardiology de Mexico, April 28, 2008: Lecture: Beating heart valvular surgery.

272. Parumala, India : Beating valve surgery: is it safe and better option? Presented July 12, 2008.
273. **Salerno TA, Bernstein R, Araujo K, and Ricci M:** Ethical obligation of surgeon to non-compliant patients: can a surgeon refuse to operate on an intravenous drug-abusing patient with recurrent aortic valve prosthesis infection? Presented at STSA Nov 8th, 2008, Austin, Texas.
- 274.

CURRENT SYMPOSIUM ORGANIZER

- 1) Organizer and Chairman, International Symposium of Cardiovascular surgery. Society of Thoracic Surgeons: Yearly symposium since 2000 to 2008.
- 2) Scientific Committee: World Congress of Cardiothoracic Surgeons, Ottawa, September 2006
- 3) Scientific Meeting Organizer and member: Forum of Cardiothoracic Surgery. Yearly meeting held in Belo Horizonte, Brazil from 2000.
- 4) Scientific Committee, AIMS on Biodesign, Meeting to be held in Atlanta, September 28-20, 2006
- 5) International Scientific Committee, 16th World Congress of the World Society of Cardiothoracic Surgeons, 2006, Ottawa, Canada.
- 6) Organizer symposium on Stenting in Aortic Diseases. 16th World Congress of the World Society of Cardiothoracic Surgeons, Ottawa August, 17-20, 2006
- 7) Organizer, symposium on valvular surgery. 16th World Congress of the World Society of Cardiothoracic Surgeons, Ottawa, August 17, 20, 2006.
- 8) Mock Oral Examinations Preparation, Miami Beach June 2007

Sponsored by St. Jude Medical, Attended by 70 fellows,
program Director.

Papers Read at Scientific Meeting

1. **Salerno TA, Dobell ARC, Wynands JE:** Ischemic hemorrhagic necrosis of the left ventricle following open heart surgery. Association of General Surgeons of the Province of Quebec/ Association of Anaesthetists of the Province of Quebec, Quebec City, Quebec, 1974.
2. **Dobell ARC, Salerno TA, Shizgal HM:** Myocardial blood flow distribution during cardiopulmonary bypass: Is a pulsatile pump desirable? Canadian Cardiovascular Society, Winnipeg, Manitoba, 1974.
3. **Salerno TA, Hugh J, Sandison JW, Dobell ARC:** Treatment of post-operative hypertension following cardiovascular surgery. Canadian Cardiovascular Society, Winnipeg Manitoba, 1974.
4. **Salerno TA, Shizgal HM, Dobell ARC:** Is left ventricular hypertrophy evenly distributed in the layers of the left ventricle? Royal College of Physicians and Surgeons of Canada, Winnipeg, Manitoba, 1975.
5. **Salerno TA, Fonger J, Samson RJ, Mulder DS, Chiu CJ:** Intraoperative coronary artery hemodynamic assessment in coronary artery bypass. Canadian Cardiovascular Society, Toronto, Ontario, 1977.
6. **Fried G, Salerno TA, Burke D, Brown HC, Mulder DS:** Management of the extremity with combined neurovascular and musculoskeletal trauma. American Society of Trauma, Oct 1977.
7. **Salerno TA, Lince DP, White DN, Lynn RB, Charrette EJP:** EEG Monitoring during open heart surgery: A prospective analysis of 188 cases. Canadian Association of Clinical Surgeons, 1978.
8. **Salerno TA, Munro DD, Blundel PE, Chiu CJ:** Secondary primary bronchogenic carcinoma: A life table analysis of surgical treatment. Canadian Association of Clinical Surgeons, 1978.

9. **Munro DD, Salerno TA, Little JR:** Bronchogenic carcinoma with a single brain metastasis: The dilemma and the challenge. World Conference on Lung Cancer, South Carolina, May 1978.
10. **Salerno TA, Lince DP, Wasan SM, Charrette EJP:** Where does myocardial protection begin and end? Michael DeBakey Society, Jul 1978.
11. **Salerno TA, Fried G, Burke G, Brown HC, Mulder DS, Chiu CJ:** Useful limb salvage following arterial trauma. Royal College of Physicians and Surgeons of Canada, Vancouver, British Columbia, Sep 1978.
12. **Offord JW, Gauthier LA, Lynn RB, Charrette EJP, Salerno TA:** Arch versus femoral perfusion in cardiac surgery. Canadian Cardiovascular Society, Vancouver, British Columbia, Oct 1978.
13. **Offord JW, Gauthier LA, Charrette EJP, Salerno TA:** Coronary artery surgery without left ventricular venting: A perfusionist's view. Canadian Cardiovascular Society, Vancouver, British Columbia, Oct 1978.
14. **Charrette EJP, Lince DP, Wasan SM, Salerno TA:** Coronary artery surgery without left ventricular venting: A prospective study assessing hemodynamics and myocardial ultra-structure. Canadian Cardiovascular Society, Vancouver, British Columbia, Oct 1978.
15. **Wasan SM, Salerno TA, Charrette EJP:** Prospective analysis of heart biopsies during coronary surgery. International Society for Heart Research, Ottawa, Ontario, May 1979.
16. **Salerno TA, White DN, Lynn RB, Charrette EJP:** Arch versus femoral perfusion during cardiopulmonary bypass: An electroencephalographic evaluation. Royal College of Physicians and Surgeons of Canada, Montreal, Quebec, Sep 1979.
17. **Salerno TA, Charrette EJP:** Valve replacement without venting. Michael DeBakey Society, San Francisco, California, 1980.
18. **Salerno TA, Charrette EJP:** One hundred consecutive valvular replacements without left ventricular venting. Canadian Association of Clinical Surgeons, Kingston, Ontario, Apr 1980.
19. **Salerno TA, Lynn RB, Charrette EJP:** Abdominal aneurysm in the elderly. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1980.
20. **Salerno TA:** Femoro-femoral support in cardiac surgery: To persist or not to persist. American College of Chest Physicians, San Francisco, California, 1981.
21. **O'Connor MH, Dagnone LE, Salerno TA:** Outpatient management of spontaneous pneumothorax. University Association for Emergency Medicine, San Antonio, Texas, Apr 1981.
22. **Salerno TA, Charrette EJP:** Heroic measures in cardiac surgery. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1981.

23. **Salerno TA, Chiong MA:** Is cardioplegic re-arrest safe? Canadian Association of Clinical Surgeons, Montreal, Quebec, May 1981.
24. **Wren SFG, Salerno TA, Crowe M, DeBold AJ:** Myocardial glycolytic and gluconeogenic enzyme activity during cardiopulmonary bypass in humans. Canadian Association of Clinical Surgeons, Montreal, Quebec, May 1981.
25. **Grant K, Gutelius JR, Salerno TA:** Conservative treatment of infected aorto-bifemoral grafts. Toronto General Hospital, Toronto, Ontario, 1982.
26. **Winton T, Salerno TA:** Femoro-femoral bypass for cardiac support in heart surgery. Michael DeBakey Society, Argentina, 1982.
27. **Rogers KH, Milne B, Salerno TA:** Hemodynamic effects of intra-aortic versus intravenous protamine for reversal of heparin in swine (Awarded 2nd Prize in Residents' competition). Canadian Anaesthetist Society, 1982.
28. **Charrette EJP, Salerno TA:** Interesting case of airway obstruction. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1982.
29. **Stefaniszyn HJ, Novick RJ, Burdon BD, Salerno TA:** Effect of prolonged cardioplegic arrest (CPA) on high energy phosphate metabolism in the hypertrophied pig heart using crystalloid (CC), blood (BC) and Fluosol-DA-20% (FDA) cardioplegia. Association of Academic Surgeons, Syracuse, New York, 1983.
30. **Stefaniszyn HJ, Wynands JE, Morin JE, Dobell ARC, Salerno TA:** Immediate recurrence of shunt after patch repair of acute postmyocardial infarction ventricular septal defect (VSD). Society of Thoracic Surgeons, San Francisco, California, 1983.
31. **Salerno TA, Stefaniszyn HJ, Wynands JE:** Initial experience with Fluosol-DA-20% in severely anaemic patients. International Society for Cardiovascular Surgery, Brazil, 1983.
32. **Novick RJ, Stefaniszyn HJ, Burdon BD, Salerno TA:** Preservation of the hypertrophied pig heart: A comparison of crystalloid, blood and Fluosol cardioplegia during prolonged aortic clamping. Canadian Cardiovascular Society, Toronto, Ontario, 1983.
33. **Stefaniszyn HJ, Novick RJ, Salerno TA:** Understanding the hemodynamic effects of protamine (PR) and heparin (HE) interaction. American College of Surgeons, Atlantic City, New Jersey, 1983.
34. **Stefaniszyn HJ, Sniderman AD, Sheldon H, Novick RJ, Salerno TA:** Anatomical observations in cadavers during application of a partial exclusion clamp to the ascending aorta. Society of University Surgeons, Oklahoma City, Oklahoma, Feb 1983.
35. **Stefaniszyn JH, Keith FM, Dobell ARC, Salerno TA:** Differential organ cooling during deep hypothermic cardiopulmonary bypass. Society of University Surgeons, Oklahoma City, Oklahoma, Feb 1983.

36. **Spence PA, Easdown J, Jabr AK, Salerno TA:** Pulmonary artery balloon counterpulsation for support of the failing right ventricle. European Congress of Cardiology, West Germany, 1984.
37. **Byrick R, Salerno TA:** Tracheomotor response to cardiac distention during cardioplegic arrest. Canadian Anaesthetist Society, Winnipeg, Manitoba, 1984.
38. **Salerno TA, Spence PA, Weisel RD:** Right ventricular assist during left heart bypass. Society for Thoracic Surgical Education, Captiva Island, Feb 1984.
39. **Salerno TA, Spence PA:** Right heart assist during left heart bypass. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1984.
40. **Spence PA, Jabr AK, Yap V, Salerno TA:** Limitations on the capacity of the systemic circulation to maintain cardiac output without the participation of right ventricle. American Physiological Society, Kentucky, Aug 1984.
41. **Ianuzzo CD, Brotherton S, Easdown J, Salerno TA:** Myocardial metabolic adaptations in chronically paced normal pig hearts. American Physiological Society, Kentucky, Aug 1984.
42. **Spence PA, Weisel RD, Easdown J, Jabr AK, Salerno TA:** Pulmonary artery balloon counterpulsation for right ventricular failure during left heart bypass. Royal College of Physicians and Surgeons of Canada, Montreal, Quebec, Sep 1984.
43. **Kaiser LR, Diehl JT, Howard R, Salerno TA:** Acute descending aortic dissection: The use of 2-dimensional echocardiography for diagnosis. Canadian Cardiovascular Society, Quebec City, Quebec, Oct 1984.
44. **Spence PA, Weisel RD, Easdown J, Jabr AK, Yap V, Salerno TA:** Pulmonary artery balloon counterpulsation (PABC) and its mechanism of action in right ventricular (RV) failure during left heart bypass (LHBP). American College of Surgeons, San Francisco, California, Oct 1984.
45. **Spence PA, Weisel RD, Easdown J, Jabr AK, Salerno TA:** Pulmonary artery balloon counterpulsation for right ventricular failure during left heart bypass. Michael DeBaakey Society, Monte Carlo, Oct 1984.
46. **Spence PA, Weisel RD, Easdown J, Jabr AK, Yap V, Salerno TA:** The hemodynamic effects and mechanism of action of pulmonary artery balloon counterpulsation in the treatment of right ventricular failure during left heart bypass. Gold Medal Award. Canadian Cardiovascular Society, Quebec City, Quebec, Oct 1984.
47. **Spence PA, Weisel RD, Jabr AK, Yap V, Salerno TA:** Is atrial function affected by conventional cardioplegic arrest (CCA)? Association for Academic Surgery, San Antonio, Texas, Nov 1984.

48. **Spence PA, Peniston CM, David TE, Weisel RD, Salerno TA:** Does prosthesis size affect global left ventricular function after mitral valve replacement? World Conference on Open Heart Surgery, Bombay, India, Feb 1985.
49. **Spence PA, Peniston CM, Weisel RD, Jabr AK, Salerno TA:** Pulmonary artery balloon counterpulsation for right ventricular failure during left heart bypass. World Conference on Open Heart Surgery, Bombay, India, Feb 1985.
50. **Spence PA, Jabr AK, Bayliss CE, Peniston CM, Weisel RD, Salerno TA:** Maintenance of the cardiac output without participation of the right ventricle: The importance of pulmonary vascular resistance. World Symposium on Right Heart, Phoenix, Arizona, Apr 1985.
51. **Spence PA, Weisel RD, Peniston CM, Jabr AK, Yap V, Salerno TA:** Postoperative right ventricular failure: The role of pulmonary artery balloon counterpulsation. World Symposium on Right Heart, Phoenix, Arizona, Apr 1985.
52. **Spence PA, Peniston CM, Weisel RD, Bayliss CM, Salerno TA:** Pulmonary artery balloon counterpulsation: Its origins and new directions. World Symposium on Right Heart, Phoenix, Arizona, Apr 1985.
53. **Spence PA, Peniston CM, Mihic N, Weisel RD, Jabr AK, Yap V, Salerno TA:** Atrial function after cardioplegic arrest: Evidence for inadequate atrial protection. International Symposium on Myocardial Protection, Boston, Massachusetts, May 1985.
54. **Lichtenstein SV, Salerno TA:** Ventilation for heart assist. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1985.
55. **Salerno TA:** Management of postinfarction ventricular septal defect. Interamerican Congress of Cardiology, Vancouver, British Columbia, Jun 1985.
56. **Lichtenstein SV, Shimon DV, Salerno TA:** Reverses pulsus paradoxus. World Congress on Intensive and Critical Care, Jerusalem, Jun 1985.
57. **Malcolm I, Cherry D, Novick R, Tchervenkov C, Symes J, Morin J, Salerno TA:** The use of temporary atrial electrodes to assess atrial myocardial protection during cardiac surgery. European Symposium on Cardiac Pacing, Torremolinos, Spain, Jun 1985.
58. **Spence PA, Peniston CM, Mihic N, Jabr AK, Narni P, Salerno TA:** The effects of division of the chordae tendinae and fixation of the mitral annulus on left ventricular function after mitral valve replacement. Royal College of Physicians and Surgeons of Canada, Vancouver, British Columbia, Sep 1985.
59. **Spence PA, Peniston CM, Mihic N, Jabr AK, Narini P, Salerno TA:** An assessment of left ventricular function after mitral valve replacement: The effect of division of the chordae tendinae and fixation of the mitral annulus. American College of Surgeons, Chicago, Illinois, Oct 1985.

60. **Salerno TA:** Coronary artery bypass and valvular replacement: New modalities of myocardial preservation. Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 1985.
61. **Spence PA, Peniston CM, David TE, Mihic N, Jabr AK, Salerno TA:** Left ventricular function with and without rigid fixation of the mitral annulus. Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 1985.
62. **Ianuzzo CD, Brotherton S, Gallow D, Salerno TA:** Myocardial strategy for adapting to chronic tachycardia. American College of Surgeons, Chicago, Illinois, Oct 1985.
63. **Jabr AK, Ko A, Spence PA, Peniston CM, El-Dalati H, Yap V, Salerno TA:** New horizons in the treatment of right ventricular failure: Pulmonary artery balloon counterpulsation. Canadian Council of Cardiovascular Perfusionists, Halifax, Nova Scotia, Oct 1985.
64. **Lichtenstein SV, Slutsky A, Salerno TA:** Non-invasive right and left ventricular assist. American College of Surgeons, Chicago, Illinois, Oct 1985.
65. **Salerno TA:** Treatment of arch aneurysm. Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 1985.
66. **Peniston CM, Spence PA, Michic N, Jabr AK, Salerno TA:** Atrial dysfunction after cardioplegic arrest. American Heart Association, Washington, D.C., Nov 1985.
67. **Peniston CM, El-Dalati H, Lichtenstein SV, Salerno TA:** Mechanical assist to the failing heart. Heart and Stroke Foundation of Ontario, Toronto, Ontario, Nov 1985.
68. **Spence PA, Peniston CM, Mihie N, Jabr AK, McLennan M, David TE, Salerno TA:** The effect of fixation of the mitral annulus on global left ventricular function. Society for Academic Surgery, Cincinnati, Ohio, Nov 1985.
69. **Abel JG, Panos A, Teoh K, Salerno TA, Lichtenstein SV:** Cardiac effects of positive pressure ventilation (PPV) and breathing (B) in man. Society of University Surgeons, Richmond, Virginia, Feb 1986.
70. **Salerno TA, El-Dalati H, Peniston CM, Lichtenstein SV:** Continuous oxygenated blood cardioplegia: Experimental assessment. Society for Thoracic Surgical Education, Palm Beach, Florida, Feb 1986.
71. **El-Dalati H, Peniston CM, Lichtenstein SV, Salerno TA:** A novel approach to myocardial preservation. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1986.
72. **El-Dalati H, Lichtenstein SV, Salerno TA:** A novel non-invasive cardiac assist. International Congress, Cardiostim 86, Monaco, Jun 1986.
73. **El-Dalati H, Peniston CM, Lichtenstein SV, Salerno TA:** Atrial function: The effects of inotropes and B blockade. International Congress, Cardiostim 86, Monaco, Jun 1986.

74. **Peniston CM, Spence P, Mhici N, El-Dalati HM, Jabr AK, Salerno TA:** Mitral valve replacement (MVR) or repair for papillary muscle (PM) rupture. Western Thoracic Surgical Association, Napa, California, Jun 1986.
75. **Diehl JT, Moon B, Salerno TA, Weisel RD, Goldman B:** Acute type A dissection of the aorta: Surgical management with the sutureless intraluminal prosthesis. Southern Thoracic Surgical Association, Oct 1986.
76. **Jabr AK, Ko a, El-Dalati H, Peniston CM, Lichtenstein SV, Salerno TA:** Clinical experience with continuous oxygenated blood cardioplegia (COBC) and single aortic cross-clamping (SAC). Canadian Council of Cardiovascular Perfusionists, Ottawa, Ontario, Oct 1986.
77. **El-Dalati H, Peniston CM, Maitland A, Jabr AK, Byrick R, Salerno TA:** Continuous oxygenated blood cardioplegia (COBC) abolishes atrial electrical activity and preserves systolic function. Canadian Cardiovascular Society, Ottawa, Ontario, Oct 1986.
78. **Peniston CM, El-Dalati H, Maitland A, Jabr AK, Robinson T, Howard R, Salerno TA:** Homograft mitral valve apparatus replacement (MVAR) is feasible with preservation of left ventricular function (LVF). American College of Surgeons, New Orleans, Louisiana, Oct 1986.
79. **Abel JG, Cybulsky IJ, Lichtenstein SV, Salerno TA:** Is peritoneal oxygenation feasible to improve systemic hypoxemia. American Physiological Society, New Orleans, Louisiana, Oct 1986.
80. **Peniston CM, Spence PA, Wittnich C, El-Dalati H, Jabr AK, Lichtenstein SV, Salerno TA:** Is terminal cardioplegia of benefit in hypertrophied hearts after prolonged cardioplegic arrest? American Physiological Society, New Orleans, Louisiana, Oct 1986.
81. **Wittnich C, Peniston CM, Chiu RJ, Salerno TA:** Myocardial tolerance to global ischemia: Importance of age and species of animals. American Physiological Society, New Orleans, Louisiana, Oct 1986.
82. **Wittnich C, Peniston CM, Salerno TA:** Pediatric myocardial protection: Altered response of the neonatal heart to global ischemia. American Heart Association, Dallas, Texas, Oct 1986.
83. **Salerno TA, Vincente WA, Jabr AK, El-Dalati H, Lichtenstein SV:** Perspectives on Fluosol-DA-20T in cardiac surgery. Canadian Council of Cardiovascular Perfusionists, Ottawa, Ontario, Oct 1986.
84. **Cybulsky IJ, Abel JG, Menon AS, Salerno TA, Lichtenstein SV, Slutsky AS:** The contribution of cardiogenic oscillations (CO) to gas mixing during constant flow ventilation (CFV). American Physiological Society, New Orleans, Louisiana, Oct 1986.
85. **Salerno TA, El-Dalati HM, Lichtenstein SV:** Continuous oxygenated blood cardioplegia. Society of Thoracic Surgical Education, Phoenix, Arizona, Feb 1987.

86. **Menon AS, Abel JG, Lichtenstein SV, Salerno TA, Slutsky AS:** Internal cardiac assist: A novel approach. Heart Lung Interaction, Munchen, Apr 1987.
87. **Cusimano RJ, Ashe KA, Abel JG, Lichtenstein SV, Salerno TA:** The cardiac response to pulmonary hypertension. Heart Lung Interaction, Munchen, Apr 1987.
88. **O'Brien PJ, Ling E, Williams H, Salerno TA, Ianuzzo CD:** Compensatory increase of myocardial sarcoplasmic reticulum Ca-ATPase activity in response to chronic metabolic overload. FASEB, Washington, D.C., May 1987.
89. **Salerno TA, El-Dalati HM, Lichtenstein SV:** Continuous oxygenated blood cardioplegia technique in difficult mitral valve replacement. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1987.
90. **Laughlin MH, El-Dalati H, Peniston C, Salerno TA, Brotherton S, Ianuzzo C:** Coronary blood flow and cardiac function at varying heart rates after adaptation to chronic tachycardia. FASEB, Washington, D.C., May 1987.
91. **Ling E, O'Brien P, Salerno TA, Ianuzzo CD:** The effects of altered thyroid status on the myocardium. FASEB, Washington, D.C., May 1987.
92. **Cusimano RJ, Abel JG, Lichtenstein SV, Salerno TA:** Perfluorocarbons: A review of their potential uses. Canadian Association of General Surgeons, Newfoundland, Jun 1987.
93. **Wittnich C, Ianuzzo CD, Peniston C, Salerno TA:** The metabolic response of neonatal versus adult heart to global ischemia resulting in contracture (Winner Upjohn Investigator Award). Society for Heart Research, Williamsburg, Ontario, Jun 1987.
94. **Gotlieb AI, Freeman MR, Salerno TA, Lichtenstein SV, Armstrong PW:** Ultrastructural studies of unstable angina in living man. Canadian Cardiovascular Society, Jun 1987.
95. **Wittnich C, Chiu RCJ, Salerno TA, Trudel JC:** Nutritional support of the animal in chronic heart failure: Essential management. World Veterinary Congress, Montreal, Quebec, Aug 1987.
96. **Cusimano RJ, Ashe KA, Abel JG, Lichtenstein SV, Salerno TA:** A simple model of right ventricular hypertrophy in swine. Royal College of Physicians and Surgeons of Canada, Winnipeg, Manitoba, Sep 1987.
97. **Wittnich C, Cusimano RJ, El-Dalati HM, Ashe C, Vicente W, Abel JG, Lichtenstein SV, Salerno TA:** A surgical model of left ventricular myocardial hypertrophy to study serious problems in man. Academy of Surgical Research, Washington, D.C., Sep 1987.
98. **Ashe KA, Abel JG, Menon AS, Lichtenstein SV, Salerno TA, Slutsky AS:** Dynamics of carbon dioxide homeostasis during hemorrhagic shock. Royal College of Physicians and Surgeons of Canada, Winnipeg, Manitoba, Sep 1987.

99. **Forster C, Peniston CM, Salerno TA, Wittnich C:** Pediatric myocardial protection: Catecholamine levels in neonatal versus adult heart tolerance to global ischemia. Royal College of Physicians and Surgeons of Canada, Winnipeg, Manitoba, Sep 1987.
100. **Cusimano RJ, Ashe KA, Abel JG, Jabr AK, Lichtenstein SV, Salerno TA:** Porcine model of right ventricular hypertrophy. Academy of Surgical Research, Sep 1987.
101. **El-Dalati HM, Salerno TA, Lichtenstein SV:** Use of homograft aortic replacement in mycotic aneurysm of the thoracic aorta. Royal College of Physicians and Surgeons of Canada, Winnipeg, Manitoba, Sep 1987.
102. **Cusimano RJ, Malashenko E, Salerno TA, Wittnich C:** Comparison between right and left ventricular protein/DNA ratio in young and adult spontaneously hypertensive rats (SHR). American Physiological Society, San Diego, California, Oct 1987.
103. **Vicente W, Bukhanov K, Somelhago L, Salerno TA, Wittnich C:** Increased susceptibility of fibrillating hearts to irreversible ischemia: A comparison of adult versus neonatal hearts. American College of Surgeons, San Francisco, California, Oct 1987.
104. **Weisel RD, David TE, Salerno TA, Ivanov J:** Predictor of survival after valve replacement. American Heart Association, Anaheim, California, Oct 1987.
105. **Salerno TA, Salerno PR, Sweet JM:** Feasibility of right ventricular assistance via the percutaneous route. Society of Thoracic Surgical Education, Barbados, BWI, 1988.
106. **Salerno PR, Ashe KA, Cusimano RJ, Lichtenstein SV, Salerno TA:** Current results for coronary artery bypass for high risk patient. National Congress of Cardiac Surgery, Rio de Janeiro, Apr 1988.
107. **Cusimano RJ, Ashe KA, Abel J, Lichtenstein SV, Salerno TA:** Functional validation of sonomicrometric crystals in the hypertrophied right ventricle. FASEB, Las Vegas, Nevada, May 1988.
108. **Salerno TA, Sweet JM, Salerno PR:** Relationships of myofibrillar myosin and sarcoplasmic reticulum (SR) ATPase activities to heart rate of different sized mammals. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, May 1988.
109. **Blank S, Chen V, Hamilton N, Williams H, Salerno TA, Ianuzzo CD:** Biochemical characteristic of mammalian myocardia. International Conference of Biochemistry Exercise, London, Ontario, Jun 1988.
110. **Ianuzzo CD, Hamilton N, Blank S, Chen V, Salerno TA, O'Brien P:** Biochemical composition of hearts from different size mammals. International Conference of Biochemistry of Exercise, London, Ontario, Jun 1988.
111. **Cusimano RJ, Ashe KA, Abel JG, Menon AS, Jabr KA, Lichtenstein SV, Salerno TA, Slutsky AS:** Carbon dioxide kinetic during hemorrhagic shock. SE PRC, Greece, Jun 1988.

112. **Cusimano RJ, Chin ID, Salerno TA, Wittnich C:** Metabolic analysis of the heart and liver of the 5 1/2 month old spontaneously hypertensive rat (SHR). International Society of Heart Research, Williamsburg, Ontario, Jun 1988.
113. **Salerno PR, Ashe KA, Cusimano RJ, Lichtenstein SV, Salerno TA:** Resultados atuais para cirurgia em pacientes de alto risco. Congresso da Sociedade Brasileira de Cardiologia, Belem, Brazil, Sep 1988.
114. **Chi PL, Chin I, Panos AL, Salerno TA, Wittnich C:** The use of impedance catheters to assess function in pathologic heart response to substrate infusion. International Society of Heart Research, Ann Arbor, Michigan, Sep 1988.
115. **Goldman BS, Ivanov J, Weisel RD, David TE, Salerno TA:** Valve replacement in the elderly. Canadian Cardiovascular Society, Ottawa, Ontario, Sep 1988.
116. **Hornby L, Hamilton N, Salerno TA, Marshall D, Superina R, Ianuzzo D:** Biochemical characteristic of heterotopically transplanted hearts. American Physiological Society, Montreal, Quebec, Oct 1988.
117. **Salerno PR, Sweet JM, Cusimano RJ, Ashe K, Salerno TA:** Percutaneous pulmonary artery balloon counterpulsation (PPAB): Pathological studies of the heart and lungs after assistance for 24 hours of counterpulsation. American College of Surgeons, Chicago, Illinois, Oct 1988.
118. **Birnbaum PL, Weisel RD, Ivanov J, David TE, Salerno TA, CV Surgeons University of Toronto:** The changing pattern of coronary bypass surgery. American Heart Meeting, Washington, D.C., Nov 1988.
119. **Goldman BS, Ivanov J, Weisel RD, David TE, Salerno TA:** Valve replacement in the elderly. American Heart Meeting, Washington, D.C., Nov 1988.
120. **Chi PL, Chin ID, Kingsley S, Georgakopoulos J, Salerno TA, Lichtenstein SV:** The loading conditions of the left heart during reversed pulsus paradoxus. FASEB, New Orleans, Louisiana, Feb 1989.
121. **Christakis GT, Ivanov J, Weisel RD, David TE, Salerno TA, Cardiovascular Surgeons University of Toronto:** The changing pattern of coronary artery bypass (CABG). World Congress of Surgery, Mar 1989.
122. **Chi PL, Chin ID, Kingsley S, Georgakopoulos J, Salerno TA:** The loading conditions of the left heart during reversed pulsus paradoxus. Frontiers in Physiology and Pharmacology, Toronto, Ontario, Mar 1989.
123. **Chi PL, Chin ID, Panos AL, Kingsley SJ, Salerno TA, Wittnich C:** Hypertrophied hearts with impaired function: Does substrate enhancement help? Canadian Cardiovascular Society, Apr 1989.

124. **Chi PL, Bennett LM, Kingsley S, Panos AL, Georgakaopoulos J, Salerno TA, Lichtenstein SV:** A comparative analysis of the effect of heart rate and pleural pressure on arterial loading. *Frontiers in Physiology and Pharmacology*, Toronto, Ontario, May 1989.
125. **Lichtenstein SV, Chi PL, Panos AL, Mitzner TA, Salerno TA, Permutt S:** Mechanisms responsible for the paradoxical effects of Ouabain: In normal and in failing hearts. *Frontiers in Physiology and Pharmacology*, Toronto, Ontario, May 1989.
126. **Wittnich C, Vicente W, Maitland A, Bukhanoc K, Semelhago L, Salerno TA:** Pediatric myocardial protection: The use of hypothermia in neonatal hearts. *International Society for Heart Research*, May 1989.
127. **Jabr AK, Panos AL, Salerno TA, Lichtenstein SV:** Heart surgery with long cross-clamp times. *American Academy of Cardiovascular Perfusion*, San Francisco, California, Aug 1989.
128. **Jabr AK, Panos AL, Salerno TA, Lichtenstein SV:** Warm aerobic arrest: New approach to myocardial protection. *American Academy of Cardiac Perfusion*, San Francisco, California, Aug 1989.
129. **Panos AL, El-Dalati H, Ashe K, Cusimano RJ, Salerno TA, Lichtenstein SV:** Clinical comparison of continuous warm (37°C) versus continuous cold (10°C) blood cardioplegia in coronary artery bypass surgery. *Canadian Cardiovascular Society*, Vancouver, British Columbia, Oct 1989.
130. **Chi PL, Kingsley SJ, Panos AL, Georgakopoulos J, Chin ID, Salerno TA, Lichtenstein SV:** Effects of positive pressure ventilation on the measure of arterial pressure. *Canadian Cardiovascular Society*, Vancouver, British Columbia, Oct 1989.
131. **Panos AL, Ashe K, El-Dalati H, Cusimano RJ, Slutsky AS, Salerno TA, Lichtenstein SV:** Heart surgery with long cross-clamp times. *Canadian Cardiovascular Society*, Vancouver, British Columbia, Oct 1989.
132. **Jabr AK, Panos AL, Salerno TA, Lichtenstein SV:** Use of continuous warm (37°C) versus cold (15°C) cardioplegia. *Canadian Society of Cardiovascular Perfusion*, Vancouver, British Columbia, Oct 1989.
133. **Kingsley SJ, Panos AL, Hong AP, Salerno TA, Lichtenstein SV:** Continuous blood cardioplegia. *Frontiers in Physiology and Pharmacology*, Toronto, Ontario, Mar 1990.
134. **Salerno TA:** Complications of acute myocardial infarction. *International Congress of Cardiovascular Surgery*, Belo Horizonte, Brazil, Apr 1990.
135. **Panos AL, Lichtenstein SV, Salerno TA:** Heart surgery with prolonged cross-clamp times. *International Congress of Cardiovascular Surgery*, Belo Horizonte, Brazil, Apr 1990.

136. **Kingsley SJ, Panos AL, Hong AP, Salerno TA, Lichtenstein SV:** Improved preservation using normothermic blood cardioplegia. Clinical Research Society of Toronto, Toronto, Ontario, Apr 1990.
137. **Panos AL, Kingsley SJ, Hong AP, Salerno TA, Lichtenstein SV:** Urgent CABG surgery using continuous warm blood cardioplegia. Clinical Research Society of Toronto, Toronto, Ontario, Apr 1990.
138. **Panos AL, Kingsley SJ, Hong AP, Salerno TA, Lichtenstein SV:** Using continuous oxygenated blood cardioplegia in surgery for acute post-infarction mitral insufficiency. Clinical Research Society of Toronto, Toronto, Ontario, Apr 1990.
139. **Panos AL, Kingsley SJ, Hong AP, Salerno TA, Lichtenstein SV:** Warm heart surgery. Clinical Research Society of Toronto, Toronto, Ontario, Apr 1990.
140. **Panos AL, Kingsley SJ, Hong AP, Salerno TA, Lichtenstein SV:** Warm heart surgery with long cross-clamp times. Clinical Research Society of Toronto, Toronto, Ontario, Apr 1990.
141. **Panos AL, Salerno TA, Lichtenstein SV:** Comparing continuous warm (37°C) to continuous cold (10°C) blood cardioplegia in CABG surgery. Cardiostim, Nice, France, Jun 1990.
142. **Panos AL, Salerno TA, Lichtenstein SV:** Continuous oxygenated blood cardioplegia in surgery for acute post-infarction mitral insufficiency. Cardiostim, Nice, France, Jun 1990.
143. **Panos AL, Salerno TA, Lichtenstein SV:** Warm heart surgery with long cross-clamping times. Cardiostim, Nice, France, Jun 1990.
144. **Salerno TA:** Continuous blood cardioplegia: Option for the future or return to the past? Symposium on Myocardial Preservation into 21st Century, Oxford, England, Aug 1990.
145. **Wittnich C, Belanger MP, Oh BS, Salerno TA:** A surgical model of volume overload induced ventricular myocardial hypertrophy (LVHvo) to study a clinical problem in man. Sixth Annual Scientific Session, Long Beach, California, Sep 1990.
146. **Cusimano RJ, Ashe KA, Chi P, Chin ID, Abel JG, Lichtenstein SV, Salerno TA:** Dynamic estimates of right ventricular volume. Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Sep 1990.
147. **Fremes SE, Christakis GT, Weisel RD, Ivanov J, Goldman BS, Salerno TA, David TE:** Risk analysis of preoperative myocardial infarction. Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Sep 1990.
148. **Panos A, Kingsley SJ, Hong AP, Salerno TA, Lichtenstein SV:** Warm blood cardioplegia in a porcine model. Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Sep 1990.

149. **Lichtenstein SV, Panos A, Kingsley SJ, Hong AP, Salerno TA:** Warm cardioplegia for coronary surgery. Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Sep 1990.
150. **Panos A, Kingsley SJ, Hong AP, Salerno TA, Lichtenstein SV:** Continuous warm blood cardioplegia. Surgical Forum, American College of Surgeons, San Francisco, California, Oct 1990.
151. **Fremes SE, Christakis GT, Weisel RD, Ivanoc J, Goldman BS, Salerno TA, David TE:** Does pre-operative myocardial infarction influence surgery for unstable angina? Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 1990.
152. **Panos A, Salerno TA, Lichtenstein SV:** Continuous warm blood cardioplegia in surgery for acute post-infarction mitral insufficiency. Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 17, 1990.
153. **Kingsley SJ, Panos A, Hong AP, Salerno TA, Lichtenstein SV:** Improved long-term preservation using normothermic blood cardioplegia. Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 17, 1990.
154. **Panos A, Slutsky AS, Salerno TA, Lichtenstein SV:** Myocardial protection using warm aerobic arrest. Canadian Cardiovascular Society, Halifax, Nova Scotia, Oct 17, 1990.
155. **Salerno TA:** Valvular surgery and ventricular septal defect. American College of Chest Physicians, 56th Annual Scientific Assembly, Toronto, Ontario, Oct 25, 1990.
156. **Hong AP, Panos A, Barrozo CA, Chi PL, Kingsley SJ, Chan AY, Fremes SE, Salerno TA, Lichtenstein SV:** Improved myocardial preservation for transplantation using continuous normothermic blood cardioplegia. Multiorgan Transplant Program, Day in Transplantation, Toronto, Ontario, Nov 15, 1990.
157. **Barrozo CAM, Hong AP, Chan AY, Panos AL, Aronov A, Lichtenstein SV, Salerno TA:** Monitoring of intramyocardial PO₂ during retrograde continuous warm blood cardioplegia. Institute of Medical Science Scientific Day, Toronto, Ontario, Jan 25, 1991.
158. **Barrozo CAM, Hong AP, Panos A, Kingsley SJ, Chan AY, Salerno TA, Lichtenstein SV:** Preservation of the heart for transplantation using normothermic aerobic arrest. Institute of Medical Science Scientific Day, Toronto, Ontario, Jan 25, 1991.
159. **Salerno TA, Lichtenstein SV:** Warm heart surgery. Institute of Medical Science Scientific Day, Toronto, Ontario, Jan 25, 1991.
160. **Salerno TA:** Resuscitation of the heart during routine heart surgery. Medtronic Meeting: "Striving for Peak Performance", Mont Sainte Anne, Quebec City, Jan 28, 1991.
161. **Lichtenstein SV, Salerno TA:** Results of surgery for recent myocardial infarction using warm aerobic arrest. Society of Thoracic Surgery, San Francisco, California, Feb 19, 1991.

162. **Barrozo CA, Houck JP, Panos A, Abel JG, Christakis GT, Lichtenstein SV, Salerno TA:** Cardioplegia retrograde, sanhuinea, continua e normotermica: Um novo conceito na protecao do miocardio. 18 Congresso Nacional de Cirurgia Cardiaca, Rio de Janeiro, Brazil, Apr 1991.
163. **Hong AP, Barrozo CA, Panos A, Kingsley SJ, Chan AY, Fremes SE, Salerno TA, Lichtenstein SV:** Transplante cardiaco: Uso de parada normotermica aerobica: Um novo conceito para melhorar a preservacao do miocardio. 18 Congresso Nacional de Cirurgia Cardiaca, Rio de Janeiro, Brazil, Apr 1991.
164. **Barrozo CA, Panos A, Hong AP, Al-Nowaiser O, Chan AY, Aronov A, Salerno TA:** An ischemic porcine model for retrograde continuous warm blood cardioplegia (RCWBC). Association Clinical Surgeons Meeting, Montreal, Quebec, Apr 27, 1991.
165. **Hong A, Panos AL, Barrozo CAM, Kingsley SJ, Chan AY, Salerno TA, Lichtenstein SV:** Prolonged normothermic aerobic arrest. Frontiers in Physiology and Pharmacology, Toronto, Ontario, May 1991.
166. **Christakis GT, Fremes SE, Weisel RD, Ivanov J, Salerno TA:** Incremental risk of bypass surgery for patients with left ventricular ejection fractions less than 20%. American Association of Thoracic Surgeons, Washington, D.C., May 15, 1991.
167. **Bloom R, Goldman BS, Christakis GT, Salerno TA and CV Surgeons, University of Toronto:** Results of surgery for endocarditis. International Association of Biological Implants, Washington, D.C., May 15, 1991.
168. Regina Society, Regina, Saskatchewan, Canada, May 16, 1991. Visitng Professor Resuscitation of the Heart During Cardiac Surgery.
169. **Deslauriers R, Panos AL, Barrozo CAM, Al-Nowaiser O, Butler KW, Haas N, Teoh KH, Salerno TA:** Myocardial protection: Energy profile during continuous normothermic blood cardioplegia. Resonance in Medicine, San Francisco, California, Aug 1991.
170. **Barrozo CAM, Panos AL, Hong AP, Chan A, Al-Nowaiser O, Aaronov A, Salerno TA:** Real time myocardial $pO_2(PmO_2)$ monitoring during retrograde normothermic blood cardioplegia. Mediterranean Association of Cardiology and Cardiac Surgery, Alexandria, Egypt, Sep 1991.
171. **Goldman BS, Christakis GT, Houck JP, Fremes SE, Barrozo CAM, Lichtenstein SV, Salerno TA:** Retrograde continuous warm blood cardioplegia in aortic valve surgery. International Society for Cardiovascular Surgery, Amsterdam, Holland, Sep 1991.
172. **Ianuzzo CD, Li B, Ianuzzo SE, Barrozo CAM, Salerno TA:** Cardiac myosin phenotypic changes with atrophy and hypertrophy. Physiology Society Meeting, Dallas, Texas, Oct 1991.

173. **Panos AL, Teoh KT, Barrozo CAM, Lichtenstein SV, Salerno TA:** Retrograde continuous normothermic blood cardioplegia (RCNBC) for valvular surgery. Canadian Cardiovascular Society, Calgary, Alberta, Oct 1991.
174. **Barrozo CAM, Panos AL, Salerno TA:** Retrograde continuous normothermic blood cardioplegia (RCNBC) monitored by real-time intramyocardial pO₂(PmO₂). Canadian Cardiovascular Society, Calgary, Alberta, Oct 1991.
175. **Ianuzzo CD, Salerno TA:** The role of pressure in regulating cardiac myosin expression. International Biochemistry of Exercise Conference, Japan, Oct 1991.
176. **Christakis GT, Koch JP, Deemar KA, Fremes SE, Sinclair L, Chen E, Naylor CD, Goldman BS, Salerno TA, Lichtenstein SV:** A randomized study of the systemic effects of normothermic versus hypothermic cardiopulmonary bypass and cardioplegia. Society of Thoracic Surgeons, Orlando, Florida, Feb 1992.
177. **Barrozo CAM, Panos AL, Silber RE, Al-Nowaiser O, Salerno TA:** Kontrolle der retrograden kontinuierlichen normothermen blutkardioplegia (RNBC) durch intramyokardiale PO₂--bestimmung. Zur 21 Jahrestagung der Deutschen Gesellschaft für Thorax, Herz-und Gefäßchirurgie, Bonn, Germany, Feb 1992.
178. **Panos AL, Barrozo CAM, Ali IS, Nowaiser O, Salerno TA:** Retrograde continuous normothermic blood cardioplegia improves mortality in ischemic mitral regurgitation in cardiogenic shock. Society of University Surgeons, Cincinnati, Ohio, Feb 1992.
179. **Ali IS, Barrozo CAM, Panos AL, Al-Nowaiser O, Salerno TA:** An ischemic porcine heart model for retrograde continuous normothermic blood cardioplegia. Pathophysiology and Techniques of Cardiopulmonary Bypass, San Diego, California, Mar 1992.
180. **Birnbaum P, Fremes SE, Armstrong PW, Salerno TA:** Mitral valve repair in a beating heart using retrograde warm blood perfusion. Pathophysiology and Techniques of Cardiopulmonary Bypass, San Diego, California, Mar 1992.
181. **Panos AL, Barrozo CAM, Al-Nowaiser O, Ali IS, Salerno TA:** Myocardial "resuscitation" during cardiac surgery. Pathophysiology and Techniques of Cardiopulmonary Bypass, San Diego, California, Mar 1992.
182. **Barrozo CAM, Ali IS, Panos AL, Al-Nowaiser O, Salerno TA, Butler KW, Haas NJ, Deslauriers R:** Relationship between intramyocardial pO₂(PmO₂) and cardiac energetic in the isolated blood perfused pig heart: 31P nuclear magnetic resonance (NMR) studies. Pathophysiology and Techniques of Cardiopulmonary Bypass, San Diego, California, Mar 1992.
183. **Panos AL, Barrozo CAM, Al-Nowaiser O, Ali IS, Salerno TA:** Retrograde continuous normothermic blood cardioplegia monitored by real-time intra-myocardial pO₂. Pathophysiology and Techniques of Cardiopulmonary Bypass, San Diego, California, Mar 1992.

184. **Panos AL, Barrozo CAM, Al-Nowaiser O, Ali IS, Salerno TA:** Retrograde continuous normothermic blood cardioplegia reduces operative mortality in ischemic mitral regurgitation and shock. Pathophysiology and Techniques of Cardiopulmonary Bypass, San Diego, California, Mar 1992.
185. **Barrozo CAM, Ali IS, Panos AL, Al-Nowaiser O, Salerno TA, Deslauriers R:** Uso de fosforo³¹ ressonancia nuclear magnetica par avaliacao da protecao do miocardio utilizando cardioplegia sanguinea continua e normotermica. Brazilian Society of Cardiovascular Surgery, Sao Paulo, Brazil, May 1992.
186. **Deslauriers R, Butler KW, Lareau S, Tian G, Panos AL, Barrozo CAM, Al-Nowaiser O, Ali IS, Salerno TA:** Applications of high field magnetic resonance spectroscopy to cardiac surgery. National Institute of Health, Bethesda, Maryland, Jun 1992.
187. **Salerno TA:** Continuous normothermic cardioplegia: Evolution of an idea from the laboratory. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, Jun 1992.
188. **Barrozo CAM, Ali IS, Al-Nowaiser O, Panos AL, Butler KW, Hass N, Deslauriers R, Salerno TA:** Evaluation of continuous normothermic blood cardioplegia using ³¹P NMR spectroscopy. Cardiovascular Surgery/Science Workshop, Toronto, Ontario, Jun 1992.
189. **Salerno TA:** The end of the ice age in cardiac surgery. Stikeman Visiting Professor Meeting, McGill University, Montreal, Quebec, Jun 1992.
190. **Deslauriers R, Laureau S, Tian G, Panos AL, Barrozo CAM, Salerno TA:** Applications of magnetic resonance spectroscopy to cardiac and transplant surgery. International Society of Magnetic Resonance, Vancouver, British Columbia, Jul 1992.
191. **Deslauriers R, Butler KW, Hass N, Barrozo CAM, Panos AL, Al-Nowaiser O, Teoh KH, Ali IS, Salerno TA:** The effects of intermittent cold and continuous warm blood cardioplegia on isolated pig hearts: ³¹P NMR and functional studies. Society of Magnetic Resonance in Medicine, Berlin, Germany, Aug 1992.
192. **Deslauriers R, Butler KW, Panos AL, Barrozo CAM, Ali IS, Al-Nowaiser O, Salerno TA:** Basic research on aerobic cardiac arrest. Aortic Cardiac Surgery, Bergamo, Italy, Feb 1993.
193. **Salerno TA, Panos AL, Deslauriers R:** Development and present status of continuous normothermic blood cardioplegia. Aortic Cardiac Surgery, Bergamo, Italy, Feb 1993.
194. **Barrozo CAM, Panos AL, Deslauriers R, Salerno TA:** ³¹P NMR spectroscopy and functional study of intermittent cold and continuous normothermic blood cardioplegia in ischemically injured hearts. Congress of Cardiology, San Jose Rio Preto, Brazil, Jun 1993.
195. **Jabr AK, Comm J, Martin P, Salerno TA, Lattouf O:** Review of the benefits and risks of warm heart surgery: The Perfusionist's Perspective. 5th European Congress on Extra-Corporeal Circulation Technology, Arles, France, June 9-12, 1993.

196. **Salerno TA:** Continuous Normothermic Blood Cardioplegia in Patients with Severe Ventricular Dysfunction. The Royal College of Physicians and Surgeons of Canada Scientific Program, 62nd Annual Meeting, Vancouver, British Columbia, Sept. 11, 1993.
197. **Salerno TA:** Results of Cardiac Surgery in the Elderly Using Normothermic Techniques. The Royal College of Physicians and Surgeons of Canada Scientific Program, 62nd Annual Meeting, Vancouver, British Columbia, Sep 11, 1993.
198. **Del Rizzo D, Panos AL, Salerno TA:** The metabolic status of the hypertrophied human heart during RCNBC. Canadian Cardiovascular Society, Vancouver, British Columbia, Oct 1993.
199. **Del Rizzo DF, Salerno TA:** The Metabolic Status of the Hypertrophied Ventricle During Retrograde Cardioplegia in Aortic Valve Surgery. Canadian Cardiovascular Society, 46th Annual Meeting, Vancouver, British Columbia, Oct 27, 1993.
200. **Deslauriers R, Butler KW, Lareau S, Labow R, Keon WJ, Tian Gang Hong, Kupyianov V, Panos AL, Salerno TA:** The use of NMR technology to assess the adequacy of myocardial protection. Symposium International de Cirurgia Coronaria y Curso, Parlelo, Argentina, Nov 1993.
201. **Tian G, Xiang B, Butler KW, Salerno TA, Deslauriers R:** Is Intermittent Warm Blood Cardioplegia Safe for Cardiac Surgery? A 31P MR Spectroscopic Study in Pig Hearts. European Society for Magnetic Resonance in Medicine and Biology, 11th Annual Scientific Meeting, Vienna, Austria, Apr 20, 1994.
202. **Khan SJ, Panos AL, Salerno TA:** Continuous Normothermic Blood Cardioplegia in High Risk Patients. Presented at the McGill Health Science Exhibition Montreal, Quebec, March 21, 1994, Third Prize Winner.
203. **Deslauriers R, Winsborrow B, Kozlowski P, Saunders JK, Filgueiras CA, Salerno TA:** Localized 31P MR Spectroscopic Evaluation of Cerebral Protection During Circulatory Arrest. European Society for Magnetic Resonance in Medicine and Biology, 11th Annual Scientific Meeting, Vienna, Austria, Apr 20, 1994.
204. **Deslauriers R, Kupryianov VV, Tian G, Docherty JC, Stewart LC, Lareau S, Salerno TA:** Heart Preservation: Magnetic Resonance Studies of Cardiac Energetics and IOM Homeostasis. International Conference on Heart Failure. Winnipeg, Canada, May 20-23, 1994
205. **Filgueiras CL, Winsborrow B, Ye J, Aronov A, Kozlowski JC, LaTorre JC, Saunders JK, Deslauriers R, Salerno TA:** Brain Protection During Circulatory Arrest. Presented, Surgical Forum, Chicago October 11, 1994.

206. **Ede M, Ye J, Filgueiras C, Gregovash L, Pargaonkar S, Lessana A, Deslauriers R, Salerno, TA:** Um agente alternativo para inducao de Parada cardiaca na cirurgia cardiaca normotermica: resultados preliminares de estudo experimentais em coracoes isolados de ratos e em um modelo de circulacao extracorporea em suinos. Brazilian Congress of Cardiac Surgery, Brazilia, Brazil, March 28, 1995. First Prize Award.
207. **Hoffenberg EF, Ye J, Sun J, Ghomeshi HR, Salerno TA, Deslauriers R:** Antegrade and retrograde continuous warm blood cardioplegia: A 31P Magnetic Resonance study. Submitted to International Society of Heart Research, March 1, 1995.
208. **Ghomeshi HR, Tian G, Ye J, Salerno TA, Deslauriers R:** Evaluation of Buckberg Secondary Cardioplegia using 31P MRS in isolated pig hearts. Submitted J.H Cardiol Jan. 31, 1995
209. **Deslauriers R, Filgueiras C, Ryner L, Kozlowski P, Winsborrow B, Sun JK, Ye J, Salerno TA and Saunders JK:** Submitted to International Society Magnetic Resonance, Sydney, Australia July 16 - 21, 1995.
210. **Salerno TA:** End of the ice age in heart surgery. Surgical Grand Rounds, Department of Surgery, SUNY at Buffalo, Buffalo, New York, USA
211. **Deslauriers R, Tian G, Filgueiras CL and Salerno TA:** Magnetic Resonance Research in Cardiac Surgery, Myocardial Preservation Meeting: Looking Toward the 21st Century, Chicago, Ill. October 1995.
212. **Deslauriers R, Filgueiras CL, Winsborrow BG, Ye J, Aronov A, Kozlowski P, Salerno TA, and Saunders JK:** 31P Spectroscopic Imaging studies of pig brains during circulatory arrest. 3rd International Conference on the Brain and Cardiac Surgery, Key West, September 1994.
213. **Filgueiras CL, Winsborrow B, Ye J, Aronov A, Kozlowski P, de la Torre J, Saunders JK, Deslauriers R, Salerno TA:** A histopathological evaluation of brain protection during circulatory arrest. 3rd International Conference on the Brain and Cardiac Surgery. Key West, September 1994.
214. **Deslauriers R, Filgueiras C, Winsborrow B, Ye J, Kozlowski P, Summers R, Salerno TA, and Saunders JK:** Brain protection during circulatory arrest: A 31P NMR study. Proceedings of the Society of Magnetic Resonance. Second meeting, San Francisco, August 6-12, 1994, v. 3, 1408.
215. **Tian G, Xiang B, Butler KW, Salerno TA, and Deslauriers R:** Effects of intermittent warm blood cardioplegia on myocardial high energy phosphates. Intracellular pH, and contractile function. A 31P NMR study in isolated pig hearts. Proceedings of the Society of Magnetic Resonance Meeting, San Francisco, August 6-12, 1994, v. 3, 1222.
216. **Deslauriers R, Winsborrow B, Kozlowski P, Saunders JK, Filgueiras CL, Salerno TA, and Smith ICP.** Protecting the Brain during open heart surgery. A localized 31P NMR study of porcine brain in vivo. 77th CSC Conference, Winnepg, May 30 - June 3, 1994

217. **Deslauriers R, Lareau S, Keon WJ, Tian GH, Biro GP, Kupriyanov VV, Salerno TA:** Magnetic Resonance in heart preservation for transplantation and surgery. International Conference on Heart Failure, Can J. Cardiol., Vol. 10, Supp A, Winnipeg, May 20-23, 1995.
218. **Deslauriers R, Winsborrow B, Kozlowski P, Saunders JK, Filgueiras CA and Salerno TA:** Localized 31P MR spectroscopic evaluation of cerebral protection during circulatory arrest. 11th Annual Scientific Meeting, The European Society for Magnetic Resonance in Medicine and Biology, Vienna, Austria, April 20-24, 1995, p. 301-302.
219. **Filgueiras CL, Ede M, Ryner L, Ye J, Aronov A, Kozlowski P, Sun J, Yang L, Saunders JK, Deslauriers R, Salerno TA:** Protecao cerebral durante a parada circulatoria total a 28°C. Presented at 23rd Congresso Nacional de Cirurgia Cardiaca, Brazilian Society of Cardiovascular Surgery, Recife, Pernambuco, Brazil March 22, 1996.
220. **Ghomeshi HR, Ganghong T, Ye J, Sun J, Hoffenberg EF, Salerno TA, Deslauriers R:** Aspartate/Glutamate enriched blood does not improve myocardial energy metabolism during ischemia-reperfusion: A 31P magnetic resonance spectroscopy study in isolated pig hearts. Presented at the AATS, April 30, 1996, San Diego.
221. **Salerno TA:** Chairperson, Session on Life Surgery Minimally invasive surgery. The Norwegian Association for Cardiothoracic Surgery. May 12, 1997.
- Salerno TA:** Presentation: The history of Micab. Same meeting.
222. **Salerno TA:** North American Experience with Left Ventricular Surgery. Course on the American College of Surgeons, Chicago, October 1997
223. **Lajos TZ, Grosner G, Bergsland J, Visco J, Salerno TA:** Re-operations with the right gastroepiploic artery without cardiopulmonary bypass. World Congress on Minimally Invasive Cardiac Surgery, June, 1997
224. **Batista R, Nery P, Bochino L, Takeshita N, Bhayana J, Bergsland J, Graham S, Houck J, Salerno TA:** Partial left ventriculectomy (PLV) to treat end-stage heart diseases. Presented at the STS meeting in Washington, DC, 1997.
225. **Bergsland J, Hasnan S, Lewin NA, Bhayana J, Lajos TZ, Salerno TA:** Coronary artery bypass grafting without cardiopulmonary bypass - An attractive alternative in high risk patients. Eur. J. Cardiothorac Surg (In press 1997)
226. **Ye J, Sun J, Summers R, Salerno TA, Deslauriers R:** Does retrograde cardioplegia provide equal protection to both entricles? A magnetic resonance spectroscopy study in pig hearts. Amer Heart Assoc meeting, Nov, 1996.
227. **Bergsland J, Hasnain S, Bhayana JN, Grosner S, Lajos TZ, Salerno TA:** Coronary artery bypass grafting (CABG) without cardiopulmonary bypass (CPB) - an attractive alternative high risk patients. Eur. Assoc. Cardiothorac Surger, Prague, October 6-9, 1996

228. **Hoffenberg EF, Salerno TA, Deslauriers R:** Antegrade and retrograde continuous warm blood cardioplegia: a 31 P magnetic resonance study. Presented at 4th World Congress on Heart Failure - Mechanisms and management, May 29, 1997.
229. **Mehta N, Carrol M, Sykes D, Bergsland J, Canty J, Bhayana J, Hoover E, Salerno TA:** Heat Shock Protein 70 expression in native and heterotopically transplanted rat hearts. Presented at Assoc. Academic Surg, November 13, 1996.
230. **Deslauriers R, Ye J, Filgueiras CL, Yang L, Ede M, Summers R, Salerno TA, Ryner L, Kozlowski P, Sun J, Saunders JK:** Cerebral protection during moderate hypothermic circulatory arrest. A 31P MRS studies in pigs. Presented at European Soc. Magn. Resonance in Medicine and Biology, Vienna, September 12, 1996.
231. Medical and Surgical Advances in the Treatment of Heart Disease. Symposium at Baptist Heart Institute. Lecture: The Batista Operation. October 3, 1997.
232. **D'Ancona G, Karamanoukian K, Salerno TA, Schmid S, Bergsland J:** Graft revision after transit time flow measurement (TTFM) in off-pump coronary artery bypass grafting (CABG). Presented at European Association for Cardio-Thoracic Surgery (EACTS), Glasgow, Scotland, September 7, 1999.
233. D'Ancona G, Karamanoukian HL, Ricci M, Bergsland J, Salerno TA: Myocardial revascularization on the beating heart after recent onset of myocardial infarction. American College of Surgeons (ACS), Western New York Chapter Annual Essay Contest, 3rd Place Award, September 23, 2000.
234. D'Ancona G., Karamanoukian HL, Ricci M, Bergsland J, Salerno TA: Myocardial revascularization on the beating heart after recent onset of acute myocardial infarction. Oral presentation at American Association for Thoracic Surgery (AATS), Annual meeting, Toronto, April 2000.
235. Katariya K, Ricci M, AlKhayat H, Kaplon J, Booloki H, Salerno TA: Off pump coronary artery bypass surgery grafting in patients with left main coronary artery stenosis. Poster presentation, Fourth Annual Scientific Meeting of the International Society for Minimally Invasive Cardiac Surgery (ISMICS), Munich, Germany, June 2001
236. Kaplon RJ, Nejman A, Katariya K, Lombardi P, Booloki H, Salerno TA: Early results with OPCAB for patients with severe left ventricular dysfunction. Off pump coronary symposium, Hong Kong, April 8-9 2002.
237. Katariya K and Salerno TA: Initial experience with sutureless proximal anastomosis performed with a mechanical aortic connector in OPCAB. Off Pump coronary artery Revascularization Symposium 2002, April 8-9, Hong Kong, Republic of China.
238. Katariya K, Kaplon RJ, Nejman A, Lombardi P, Booloki H, Salerno TA: Early results with OPCAB for patients with severe left ventricular dysfunction. Off Pump Coronary Revascularization Symposium, 2002, April 8-9, Hong Kong, Republic of China.

239. Katariya K, Salerno TA: Surgical treatment including off pump revascularization in the treatment of heart failure. Presented at 2nd Annual South Asian Society of Atherosclerosis Meeting, October 25-28, 2002, Chennai, India.
240. Lombardi L, Katariya K, Salerno TA: Why measure flow in coronary artery bypass surgery? XIII International Forum on Cardiovascular Surgery, Belo Horizonte, Brazil, Nov. 28-30, 2002.
241. Katariya K, Tehrani H, Lombardi P, Salerno TA: Initial experience with sutureless proximal anastomoses performed with a mechanical connector leading to clampless OPCAB. Presented at the Society of Thoracic Surgeons (STS), San Diego, CA Jan. 2003.
242. Masroor S, Lombardi P, Tehrani H, Yassim S, Katariya K, Salerno TA: Beating heart valve surgery in renal failure patients requiring hemodialysis. Presented as a Poster at the 6th New Era of Cardiac Care Conference, Dana Point, CA, Jan 2003.
243. Katariya K, Lombardi P, Tehrani H, Yassin S, Masroor S, Bolooki H, Salerno TA: Neurological outcome in patients 70 years and older undergoing clampless OPCAB with the use of the Symmetry Proximal Aortic Connector. Presented at ISMICS, San Francisco, June 19-21, 2003.
244. Masroor S, Lombardi P, Tehrani H, Katariya K, Salerno TA: Beating heart valve surgery in patient in renal failure requiring hemodialysis. CTT meeting, Miami Beach, FL, March 19-22, 2003.
245. Moussa F, Lombardi P, Ricci M, Salerno T: Beating heart valve surgery in patients with low ejection fraction. Poster presentation, International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS), Annual meeting, London, England, June 2004
246. Lombardi P, Ricci M, Salerno TA: One-year clinical outcome after redo OPCAB through left mini-thoracotomy using the symmetry aortic connector system. Poster presentation, Congresso Nacional de Cirurgia Cardiaca, Curitiba, Brazil, April 2004
247. Lombardi P, Ricci M, Moussa F, Salerno TAL Aortic valve replacement in a beating heart. Cardiac Technique and Technology, Miami Beach, FL., March 10-13, 2004.
248. Di Luozzo, Lombardi P, Maldonado A, Ricci M, Salerno TA: Concomitant beating heart mitral valve and coronary artery bypass in patients with compromised ventricular function. Oral presentation, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), Annual meeting, New York, NY, June 2005.
249. Tehrani HY, Peterson B, Katariya K, Morasch M, Stevens S, DiLuozzo G, Salerno TA, Maurici G, Eton D, Eskandari MK: Endovascular repair of thoracic aortic tears. Presented at Society of Thoracic Surgeons (STS) Chicago, Illinois, January 2006.
250. Stevens R, Salerno TA: Time management for Cardiothoracic Surgery Training. Presented at the Thoracic Surgery Directors Association Meeting (TSDA), Chicago, February 2006

251. Stevens R, Teharin HY, Salerno TA: Management of multiple injury and thoracic aortic tear. Breakfast session at the STS, Chicago, 2006.
252. Salerno TA: Traumatic Injuries of the aorta. Presented at the XV Congress of Cardiothoracic Surgery, Mexico, April 19-22, 2006.
253. Salerno TA: Beating heart valvular surgery. St. Jude Meeting, Naples, Florida June 2-4, 2006.
254. Salerno TA: Myocardial protection in valvular surgery. 16th World Congress of the World Society of Cardiothoracic Surgeons. August 17-20, 2006. Ottawa, Canada
255. Ciancio C, Salerno TA, Soloway M: Extreme surgery: surgical management of renal cell carcinoma with tumor thrombus in the inferior vena cava without venous-venous and/or cardiopulmonary bypass. Presented at the 16th World Congress of the World Society of Cardiothoracic Surgeons, August 17-20, 2006, Ottawa, Canada.
256. Salerno TA: Visiting professor. University of Catania, Italy, Oct 1-2., 2006 Presenter: Myocardial protection update.
257. Salerno TA: Visiting professor , American University in Rome. Oct 205th.2006
258. Salerno TA: Presenter, Meeting on Update in Heart Surgery, Maratea, Italy, September 30th, 2006
259. Salerno TA: Key Note Speaker: Myocardial Protection. Global Conference on Heart Health and Disease, Winnipeg, Canada October 15, 2006
260. Salerno TA: Update on Myocardial Protection, San Pablo Institute, Peru, Lima 2007
261. Salerno TA: Treatment of Dilated Cardiomyopathy. Cardiovascular Congress in Buenos Aires, Argentina, October 5th, 2007
262. Salerno TA: Moderator session on coronary surgery, Cardiovascular Congress in Buenos Aires, Argentina, October 7, 2007.
263. Salerno TA: Beating Heart Valvular surgery, Lecture, Aguas de Sao Pedro, Sao Paulo, Brazil, November 2007
264. Salerno TA: Chairman of 3 sessions, 3 presentations on Beating Valves, Stenting and Innovations in Heart Surgery, Forum Scientifico, Belo Horizonte, Brazil, November 2007
265. Salerno TA: Chairman 1 session, 2 presentations on Aortic stenosis prognosis and treatment, and Off pump coronary surgery, Lima, Peru, Clinica Sao Pablo, August 2008.
266. **Ricci M, Suarez MR, Macedo FIB, Brown M, Alba J, Salerno TA:** Aortic valve replacement as an alternative to homograft in high risk patients with endocarditis. Submitted to JTCS Nov 11, 2008. Submitted to AATS meeting in Boston, 2009

Innvited Electronic Publications and Surgical Videos

- 1) Ricci M, Salerno TA: On-pump or off pump? Which and when? Available at :
<http://ww.ctsnet.org/fusetalk/messageview.cfm?catid=85@threadid=150000801@forumid=1>
- 2) Lombardi, Ricci M, Moussa F, Salerno TA: Aortic valve Replacement in a beating heart. Available at [http:// www.ctsnet.org](http://www.ctsnet.org).
- 3) Salerno TA, Lombardi P, Ricci M: Theory of Beating heart valvular surgery. CTSnet.org.

Other Lectures or Papers Given

1. University of Toronto, Toronto, Ontario, 1981. To vent or not to vent.
2. Postgraduate Course, University of Toronto, Toronto, Ontario, 1982. Clinical problems in heart surgery.
3. University of Toronto, Toronto, Ontario, 1983. Dissection of the aorta.
4. Gallie Day, University of Toronto, Toronto, Ontario, May 1984. Pulmonary artery balloon counterpulsation during left heart bypass.
5. Continuing Medical Education, Cardiovascular Surgery Course, University of Toronto, Toronto, Ontario, Jun 1984. Lecturer.
6. Workshop for General Practitioners, University of Toronto, Toronto, Ontario, Jun 1984. Lecturer.
7. Advanced Trauma Life Support Course, Sunnybrook Health Science Centre, Toronto, Ontario, Aug 1984. Instructor.
8. City Wide Rounds, 1984 Medical and Surgical Frontiers, University of Toronto, Toronto, Ontario, Oct 1984. Myocardial ischemia.
9. University of Toronto, Toronto, Ontario, Nov 1984. Later life learning lecture series, Office of Public and Community Relations.
10. Institute of Medical Science, University of Toronto, Toronto, Ontario, Mar 1985. Current cardiovascular research.
11. Institute of Medical Science, University of Toronto, Toronto, Ontario, Mar 1985. Why is research important for a cardiac surgeon?

12. McGill University, Montreal, P.Q., Canada, May 23, 1985. Continuous Blood Cardioplegia Stikeman Professor.
13. Interamerican Congress of Cardiology, Vancouver, British Columbia, Canada, Jun 16, 1985 - Jun 22, 1985. Scientific Committee Member XII Interamerican Congress of Cardiology June 1985 Meeting.
14. Advanced Trauma Life Support Course, Sunnybrook Health Science Centre, Toronto, Ontario, Jul 1985. Instructor.
15. Summer Undergraduate Student Lecture, University of Toronto, Institute of Medical Science, Toronto, Ontario, Jul 1985. Is research important to a clinical surgeon?
16. Lecture to Biomedical Engineering Students, University of Toronto, Toronto, Ontario, Oct 1985. Artificial heart.
17. Management of Thoracic Aortic Aneurysms Workshop, University of Toronto, Toronto, Ontario, Oct 1985. Indications and results for coronary grafting.
18. Central Registry - Nursing Education, University of Toronto, Toronto, Ontario, Nov 1985. Aortocoronary bypass, valves, fem-pop bypass and aneurysms.
19. Department of Pathology, University of Toronto, Toronto, Ontario, Nov 1985. Recent advances in cardiac surgery.
20. Trauma Symposium for Postgraduate Trainees, University of Toronto, Toronto, Ontario, Jan 1986. (1) Thoracic injury: When not to wait and watch, (2) Resuscitation: Where ATLS leaves off.
21. Advanced Trauma Life Support (ATLS) Course, Sunnybrook Health Science Centre, Toronto, Ontario, Feb 1986. Instructor.
22. Society for Thoracic Surgical Education, Palm Beach, Florida, USA, Feb 27, 1986 - Mar 2, 1986. Continuous Blood Cardioplegia Scientific Program.
23. Croft Chapter House Medical Fraternity, University of Toronto, Toronto, Ontario, Mar 1986. Career and lifestyle of a cardiovascular surgeon (fireside chat - informal discussion).
24. Department of Nursing/Institute of Medical Science, University of Toronto, Toronto, Ontario, Mar 1986. Recent advances in cardiac surgery.
25. Cardiac Surgery Update, University of Toronto, Toronto, Ontario, May 1986. Techniques of valvuloplasty: Effect on left ventricular function.
26. McGill University, Montreal, P.Q., Quebec, May 8, 1986. 1986 Stikeman Visiting Professor Meeting Cardiovascular and Thoracic Surgery Continuous Blood Cardioplegia.
27. Advanced Trauma Life Support (ATLS) Course, Sunnybrook Health Science Centre, Toronto, Ontario, Jun 1986. Instructor.

28. Shiley Incorporated, Montreux, Switzerland, Sep 22, 1986. Cardiac Prosthesis Symposium III (Conference).
29. University of Alberta Hospital, Edmonton, Alberta, Canada, Sep 20, 1988. Conference on Intra-aortic Balloon Pumping Recent Advances in Balloon Assistance of the Heart.
30. University Rounds, Department of Surgery, University of Toronto, Toronto, Ontario, Oct 1988. Whatever happened to pulmonary artery balloon counterpulsation?
31. Keynote Address, University of Toronto Research Day, Toronto, Ontario, Nov 1988. Career choices in medicine.
32. Institute of Medical Science, University of Toronto, Toronto, Ontario, Nov 1988. What is new with balloons?
33. American Heart Association, Washington, D.C., U.S.A., Nov 15, 1988. Co-Chairman, Session: Cardiovascular Surgery Myocardial Preservation and Surgery for Arrhythmia.
34. Trauma Conference, University of Toronto, Toronto, Ontario, Nov 1989. Penetrating chest injuries.
35. Warm Heart Surgery Symposium: Theory, Concepts and Practice, University of Toronto, Toronto, Ontario, Jun 1991. Organizer and Co-Chair.
36. The Toronto Hospital, Toronto, Ontario, Jun 21, 1991. Retrograde warm cardioplegia: Innovative surgical approaches to aortic and mitral valve disease.
37. St. Michael's Hospital, Division of Cardiology, Toronto, Ontario, Apr 1993. Surgical management of aortic dissection.
38. TriCounty Hospital, Quarterly staff and Board Meeting. Lecture: Innovations in Cardiac Surgery, March 4, 1996.
39. Association of Cardiothoracic Anesthetists. The Zeneca Lecture: Myocardial protection for warm heart bypass. Bristol, England, Autumn, 1996

Scientific Exhibits and Movies

1. **Salerno TA:** Insertion of the intra-aortic balloon into a "crowded aorta". (Movie) 1981.
2. **Salerno TA:** Single aortic clamping for proximal and distal anastomoses in coronary surgery. (Movie) Grant from Ontario Heart Foundation, 1981.
3. **Parker JOP, Salerno TA:** Take III movies on heart surgery. (Movie) 1981.

4. **Salerno TA:** Single aortic clamping for proximal and distal anastomoses in coronary surgery. (Movie) American College of Surgeons, Chicago, Illinois, 1982.
5. **Salerno TA:** Valve replacement and coronary grafting. (Video Presentation) Canadian Cardiovascular Society, Invitational Video Workshop, Halifax, Nova Scotia, Oct 1985.
6. **El-Dalati H, Lichtenstein SV, Pasque M, Salerno TA:** Aortic valve replacement and coronary artery bypass surgery using continuous oxygenated blood cardioplegia. (Movie) 1986.
7. **Lichtenstein SV, Salerno TA:** Continuous blood cardioplegia for complex procedures. (Movie) Canadian Cardiovascular Society, Halifax, Nova Scotia, 1986.
8. **Panos AL, Salerno TA, Lichtenstein SV:** Continuous warm blood cardioplegia in surgery for acute post-infarction mitral insufficiency. (Poster) Symposium on Myocardial Preservation into the 21st Century, Oxford, England, Aug 1990.
9. **Cusimano RJ, Ashe KA, Chin ID, Abel JA, Lichtenstein SV, Salerno TA:** Myocardial protection in the hypertrophied right ventricle. (Poster) Symposium on Myocardial Preservation into the 21st Century, Oxford, England, Aug 1990.
10. **Wittnich C, Vicente W, Salerno TA:** Not all neonatal hearts are equally protected from damage during hypothermia. (Poster) Symposium on Myocardial Preservation into the 21st Century, Oxford, England, Aug 1990.
11. **Panos AL, Abel JG, Slutsky AS, Salerno TA, Lichtenstein SV:** Warm aerobic arrest: A new approach to myocardial protection. (Poster) Symposium on Myocardial Preservation into the 21st Century, Oxford, England, Aug 1990.
12. **Salerno TA, Panos A, Teoh K, Harmantas T, Lichtenstein SV:** Warm heart surgery for combined procedure. (Movie) Medtronic Meeting, Quebec City, Quebec, Jan 1991.
13. **Lichtenstein SV, Salerno TA:** Warm heart surgery in coronary artery bypass. (Movie) Society of Thoracic Surgery, San Francisco, California, Feb 1991.
14. **Salerno TA:** Retrograde warm blood cardioplegia. (Movie) University of Barcelona, Barcelona, Spain, May 1991.
15. **Salerno TA:** Retrograde warm blood cardioplegia. (Movie) Stikeman Visiting Professor, McGill University, Montreal, Quebec, Jun 1991.
16. **Salerno TA, Cusimano RJ, Christakis GT, Lichtenstein SV, Teoh KH:** Retrograde continuous warm blood cardioplegia. (Movie) American College of Surgeons, Chicago, Illinois, Oct 1991.
17. **Barrozo CAM, Ianuzzo SI, Panos AL, Salerno TA, Ianuzzo CM:** Towards further understanding of cardiac hypertrophy due to aortic constriction. (Poster) Canadian Cardiovascular Society, Calgary, Alberta, Oct 1991.

18. **Harmantas AA, Salerno TA:** The surgical blower. (RMC Movie) Mar 1993.
19. **Panos AL, Barrozo CAM, Al-Nowaiser O, Salerno TA:** Continuous normothermic blood cardioplegia in patients with severe left ventricular dysfunction. (Poster) Royal College of Physicians and Surgeons of Canada, Annual Meeting, Vancouver, British Columbia, Sep 1993.
20. **Panos AL, Barrozo CAM, Khan SJ, Salerno TA:** Results of cardiac surgery in the elderly using normothermic techniques. (Poster) Royal College of Physicians and Surgeons of Canada, Annual Meeting, Vancouver, British Columbia, Sep 1993.
21. **Salerno TA and Batista RJV:** The Batista operation in the treatment of end-stage heart disease. Movie presented at the American College of Surgeons, San Francisco Oct. 7, 1996.
22. **Lombardi P, Fuad M, Ricci M, Salerno TA: Aortic valve replacement on the beating heart. CTSnet.org. 2005.**

RESEARCH AND INVESTIGATION

Senior Investigators Name Appears in Bold

Research Awards - Funded

Myocardial protection with an oxygenated cardioplegic solution (Fluosol-DA-20) during prolonged aortic clamping in hypertrophied hearts of pigs. **Salerno TA:** Medical Research Council of Canada (\$71,005 1983 - 1986)

The effects of Fluosol-DA-20T on a) ventricular fibrillation and b) cardioplegic arrest via retrograde perfusion of the coronary sinus in hypertrophied hearts. **Salerno TA:** Medical Research Council of Canada (\$55,578 1983 - 1986)

Right ventricular failure. **Salerno TA:** Dean's Fund, Faculty of Medicine, University of Toronto (\$3,000 1984)

Reperfusion of the ischemic myocardium with fluosol cardioplegia. **Salerno TA:** Ontario Heart Foundation (\$68,037 1984 - 1986)

Initial award for startup of research at St. Michael's Hospital. **Salerno TA:** Ontario Heart Foundation (\$5,000 1984)

Regulation of cardiac myosin isozymes. **Ianuzzo CD,** Salerno TA: Heart and Stroke Foundation of Ontario (\$5,000 1984 - 1985)

Myocardial adaptations to chronic tachycardia. **Ianuzzo CD,** Salerno TA: Heart and Stroke Foundation of Ontario (\$50,244 1985 - 1987)

Study of pulmonary artery balloon counterpulsation. **Salerno TA**, Spence P: Datascope, New Jersey (\$18,000 1985)

Cardiopulmonary bypass: Influence of cardioplegic techniques. **Byrick RJ**, Salerno TA: Heart and Stroke Foundation of Ontario (\$38,375 1986 - 1988)

Continuous oxygenated blood cardioplegia for protection of the hypertrophied pig hearts. **Salerno TA**: Agency (\$66,844 1986 - 1988)

Atrial activity and function during and after cardioplegic arrest. **Salerno TA**: Medical Research Council of Canada (\$68,582 1986 - 1988)

Pulmonary artery balloon counterpulsation. **Salerno TA**: Heart and Stroke Foundation of Ontario (\$36,567 1987 - 1988)

Myocardial biochemical adaptations. **Ianuzzo CD**, Salerno TA: Heart and Stroke Foundation of Ontario (\$27,872 1988 - 1989)

The effects of metabolic continuous oxygenated cardioplegic techniques. **Salerno TA**: Medical Research Council of Canada (\$150,000 1988 - 1992)

Tolerance to the hypertrophied atrium to ischemia and cardioplegic arrest. **Salerno TA**: Medical Research Council of Canada (\$68,260 1988 - 1991)

Myocardial adaptations: Mitochondrial synthesis. **Hood D**, Ianuzzo D, Salerno TA: Heart and Stroke Foundation of Ontario (\$82,922 1990 - 1992)

Warm versus hypothermic coronary surgery: A multi-centre trial. **Lichenstein SV**, Salerno TA, Naylor D: Medical Research Council of Canada (\$500,000 1990 - 1992)

Studies on hypertrophied transplanted hearts. **Salerno TA**, Ianuzzo D: Heart and Stroke Foundation (\$37,000 1990 - 1991)

Warm versus hypothermic coronary surgery: A multicentre trial. **Lichtenstein SV**, Salerno TA, Naylor CD: Medical Research Council of Canada (\$250,000 1991 - 1992)

Multicentre trial: Normothermic versus hypothermic coronary bypass surgery. **Lichtenstein SV**, Salerno TA, Naylor CD: Heart and Stroke Foundation (\$200,000 1991 - 1992)

³¹P NMR to monitor the efficacy of normothermic continuous blood cardioplegia. **Salerno TA**, Deslauriers R: Medical Research Council of Canada (\$220,750 1992 - 1995)

Cerebral metabolism during circulatory arrest. **Salerno TA**, Deslauriers R, Sullivan D: Heart and Stroke Foundation (\$109,975 1993 - 1995)

Normothermic Antegrade Retrograde continuous warm blood perfusion of the hypertrophied hearts of pigs. Combined research grant between National Research Council, Winnipeg Canada (Drs. Hong and Delauriers) and the University of Miami (Tsalerno) ; grant support by the Canadian Council of Research and the Heart and Stroke Foundation of Canada, amount of 240,000 per year. 2005-2007.

INDUSTRY GRANTS HELD WITH DRS LOMBARDI, KATARIYA, SALERNO

- 1) 1998-200: Research in percutaneous and transcutaneous energy transmission in ventricular assist devices, TecnoBiomedica Inc. PI Lombardi
- 2) 1999-2000: Multicenter Trial to evaluate Celsior cardioplegia, University of Bologna collaboration, co PI Lombardi
- 3) 2002-2004: Symmetry aortic connector study. St Jude Medical, PI Katariya, Salerno, co PI Lombardi
- 4) 2004-2005: Univentricular heart in an animal model: influence of the type of shunt on cardiovascular and cerebral physiology: University of Miami, Dept. Surgery, PI Ricci and co PI Lombardi.
- 5) 2004 -2005 : Reduction of pericardial inflammation post-cardiac surgery procedures using a biodegradable steroid eluting matrix. Johnson and Johnson, PI Lombardi
- 6) 2004 -2005: The use of intraoperative steroids to prevent pericardial adhesions in a rabbit model. PI Lombardi, coPI Salerno
- 7) 2004-2005: Patient Warming System (PWS) versus conventional methods for preventing hypothermia during off pump coronary artery surgery. PI Katariya, Salerno, Co PI, Lombardi.

8)

Research - Not Funded

Ontario Heart Foundation (1977 - 1982) TERMINATED DUE TO DEPARTURE TO QUEBEC. **Salerno TA.**

Quebec Heart Foundation (1983). TERMINATED DUE TO DEPARTURE TO TORONTO. **Salerno TA.**

HONOURS AND AWARDS RECEIVED

Scholarship Holder from the Leopold Schepp Foundation New York, New York (Seven Years). 1965

Heart and Stroke Foundation (Grant AN-734) Protection of the Hypertrophied Right Ventricles of Pigs. 1986

Heart and Stroke Foundation (Grant AN-1346) Protection of the Hypertrophied Right Ventricle. 1988

Lister Prize, Department of Surgery, University of Toronto. 1988

Heart and Stroke Foundation (Grant AN-1346) Protection of the Hypertrophied Right Ventricle. 1989

University of D'Annunzio, Chieti, Italy. Degree of Doctor of Medicine, Laurea ad honorem. Laurea Honoris Causa, March 1999

Unniversity of Moron, Argentina, 2003, Degree of Doctor of Medicine, Laurea ad Honorem, Laurea Honoris Causa, Apirl 2003.

COMMITTEE INVOLVEMENT

University of Toronto, Faculty of Medicine Committees

Research Topic Committee, Undergraduate Education, Member
1986 - 1990

Review Committee, Emergency Medicine, Chairman
1993

Department of Surgery Committees

Research Committee, Member
1985 - 1990

Long Range Planning Committee, Member
1988 - 1992

Senior Advisory Committee, Member
988 - 1992

Promotions Committee, Member
1988 - 1993

Hospital Committees

Research Society, St. Michael's Hospital, Toronto, Ontario, Vice President
1986 - 1987

Research Society, St. Michael's Hospital, Toronto, Ontario, President
1987 - 1988

Cardiovascular Services, St. Michael's Hospital, Toronto, Ontario, Chairman
1991 - 1992

MEDICAL/SCIENTIFIC ORGANIZATIONS-COMMITTEES/AFFILIATIONS

American Association of Thoracic Surgeons

1989 Programme Committee, Toronto Meeting, Member

Annals of Thoracic Surgery

1992 - Present Reviewer of Manuscripts

Canadian Atherosclerosis Society

1986 - 1989

Education Committee, Member

1987

Scientific Programme Committee, Chairman

Canadian Cardiovascular Society

1983 - 1985

Review Panel, Young Investigator Award, Member

1988 - Present

Subcommittee re Canadian Perfusionists, Chairman

Canadian Heart Foundation

1989 - 1992

Junior Research Committee, Member

Canadian Journal of Surgery

1992 - Present

Reviewer of Manuscripts

Canadian Medical Association Journal

1992 - Present

Reviewer of Manuscripts

Current Surgery

1990 - present

Editorial Board, Member

Dalhousie University

1988

Royal College of Physicians and Surgeons, Research
Surveyor

Heart and Stroke Foundation of Ontario

1988 - 1993

Board, Member

1990 - 1993

Finance Committee, Member

Hospital for Sick Children Research Foundation

1992 - Present

Grant Reviewer

ISAO and ISBS

1990 - Present	National Advisory Committee, Member
Institute of Medical Science, University of Toronto	
1985 - 1992	Executive Committee, Member
International Medical Institute, Atlanta, Georgia	
1991 - Present	Member
1992	International Membership Committee, Chairman
International Society of Surgery	
1989	Programme Committee Member, 33rd World Congress of Surgery, Co-Chairman
Journal of Thoracic and Cardiovascular Surgery	
1992 - Present	Reviewer of Manuscripts
Kidney Foundation	
1992 - Present	Grant Reviewer
McGill University, Montreal, Quebec	
1982 - 1983	Department of Anatomy, Part-Time Associate Member
1983	Meakins-Christie Laboratories, Associate Member
Medical Research Council of Canada	
1990 - 1991	Grant Reviewer
Medtronic of Canada Limited (Streetsville, Ontario)	
1987 - Present	Editorial Advisory Board, Member
Ontario Ministry of Health	
1989 - Present	Expert Panel of Cardiovascular Surgeons, Member
1990 - 1991	Regional Management Committee, Chairman
1990 - 1993	Provincial Working Group on Cardiovascular Services, Member
1990 - Present	Grant Reviewer
Ottawa Heart Institute	
1992 - Present	Quarterly Review Board, Artificial Heart Program, Member
Physicians Services Incorporated Foundation	
1992 - Present	Grant Reviewer

Queen's University, Kingston, Ontario

1977 - 1982 Infectious Disease Committee, Member
1977 - 1982 Plastic Surgery Committee, Member
1977 - 1982 Grand Surgical Rounds, Organizer
1981 - 1982 Third Year Surgical Program, Co-Ordinator
1981 - 1982 Fourth Year Curriculum Committee, Chairman

Royal College of Physicians and Surgeons of Canada

1986 - 1992 CV Section, Examiner
1988 - 1992 Examining Board, Cardiovascular Section, Chairman
1993 CT Surgery Specialty Committee, Corresponding Member
1993 - Present Review Committee, Occasional Member

XII Interamerican Congress of Cardiology

1985 Scientific Committee re June 1985 Meeting, Member

Member, Advisory Board to Commissioner of Health

1997- present

Chairman APT Committee, University of Miami, Miller School of Medicine 2004-2006**Member, New York State Board for Professional Medical Conduct**

1999 - present

MEDICAL/SCIENTIFIC ORGANIZATIONS-MEMBERSHIPS

American Association of Thoracic Surgeons (1984)

American College of Chest Physicians

American College of Surgeons

American Heart Association

Association for Academic Surgeons

Association of Cardiovascular and Thoracic Surgeons of Quebec

Canadian Medical Association

Canadian Society of Cardiovascular and Thoracic Surgery

Canadian Society of Vascular Surgeons (1991)

Chairman of Review Panel, 1986 Young Investigator Award Canadian Cardiovascular Society (1986)

Co-Chairman, American Heart Association, Session: Myocardial Preservation & Surgery for Arrhythmias, Nov 1988

Co-Director, Intensive Care Unit Queen's University, Kingston, Ontario, Canada (1977-1982)

Co-Leader Trauma Service, St. Michael's Hospital Toronto, Ontario, Canada (1983-1985)

Infectious Disease Committee, Queen's University, Kingston, Ontario, Canada (1977-1982)

Institute of Medical Science, University of Toronto (1984)

International Association for Cardiac Biological Implants (1985)

Michael E. DeBakey International Cardiovascular Society

Organizer of Surgical Grand Rounds, Queen's University Kingston, Ontario, Canada (1977-1982)

Plastic Surgery Committee, Queen's University Kingston, Ontario, Canada (1977-1982)

Quebec Medical Association

Royal College of Physicians and Surgeons of Canada

Sociedade Brasileira de Cirurgia Cardiovascular, Honorary Member (1988)

Society for Thoracic Surgery (1982)

Society for Thoracic Surgical Education (1981)

The Florida Society of Thoracic and Cardiovascular Surgeons, Honorary Member (1992)

The Society of University Surgeons (1982)

Third Year Surgical Program Co-ordinator, Queen's University Kingston, Ontario, Canada (1981-1982)

Member, Thoracic Surgical Directors Association (TSDA) 1993 to present.

Member, Southern Thoracic Surgical Association, 2008.

Examination Board 1994

Medical Council of Canada: Modifying Examination part II
Society of Thoracic Surgeons;
Member, Ad Hoc Committee on International Relations.

TEACHING DOSSIER

**Dr. Tomas Antonio Salerno, Professor
Department of Surgery, University of Toronto**

St. Michael's Hospital, Division of Cardiothoracic Surgery

Academic Year 1994-1995

Research Fellows

1994-1995 Mauricio Edes, Brazil
in collaboration with Dr. Roxanne Deslauriers, Winnipeg

1994-1995 Carlos Figueras, Brazil
in collaboration with Dr. Roxanne Deslauriers, N.R.C., Ottawa

Academic Year 1994-1995

Clinical Fellow

1993-1994 Dr. Alessandro Bellisario

Academic Year 1993-1994

Research Fellow

Dr. Peter Birnbaum, Heart and Stroke Foundation

Academic Year 1993-1994

Clinical Fellows

Dr. Alessandro Bellissario, University of Chieti

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. University Hospital of Siena, Siena, Italy, Jul 1993. Operating surgeon demonstrator.
2. European Warm Heart Surgery Club, Siena, Italy, Jul 1, 1993 - Jul 4, 1993. (1) Perspectives on warm heart surgery, (2) Review of clinical results of normothermic cardioplegia, (3) Founding Member, (4) operating surgeon demonstrator.
3. Workshop on Cardioplegic Techniques, University of Chieti, Chieti, Italy, Sep 16, 1993 - Sep 18, 1993. Co-organizer.
4. The American Academy of Cardiovascular Perfusion, New Orleans, Louisiana, Jan 29, 1994. Update on warm heart surgery.

5. Society of Cardiovascular Anesthesiologists Cardiopulmonary Bypass Workshop, Montreal, Quebec, Canada, Apr 24, 1994. Normothermia is better than hypothermia during bypass.
6. International Conference on Heart Failure, Winnipeg, Manitoba, Canada, May 20, 1994 - May 23, 1994. Magnetic resonance in heart preservation for trnasplantation and surgery.
7. Symposium on Myocardial Protection - Organizer- Looking Toward the 21st Century. Chicago, October 1994.
8. Symposium on Arterial Conduits, November, 1994, Italy. Panelist/Presenter.
9. Organizer: Myocardial Protection Symposium, Brazilian Congress Cardiac Surgery. Belo Horizonte, Brazil. December 16 -17, 1994.
10. Current trends in coronary surgery: Total arterial revascularization and minimally invasive CABG. Chiety, Italy, April 19, 1996. Co-Chairman of session on Live Surgery. Lecture: Myocardial protection for coronary artery surgery

Academic Year 1992-1993

Research Fellows

1994 - current Dr. Mauricio Edes, Brazil
in collaboration with Dr. R. Deslauriers, Winnipeg

1992 - 1994 - Dr. P. Figueiras, Brazil
in collaboration with Dr. Roxanne Deslauriers, N.R.C., Ottawa

1994 - 1995 Dr. Mauricio Edes (as above)
in collaboration with Dr. Roxanne Deslauriers, N.R.C., Ottawa

Graduate Students

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Dr. Henry Stefanyszyn
Fluosol uses in man
M.Sc. 1993. **P**

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. Strasbourg Meeting in Cardiovascular Surgery, Strasbourg, France, Jul 1992. Warm heart surgery update: From protection to resuscitation to monitoring of the heart.

2. Ottawa Heart Institute, Ottawa, Ontario, Oct 1992. Co-Chair session: New procedures and technologies in cardiovascular devices.
3. Symposium on Myocardial Protection, Bergamo, Italy, Feb 1993. (1) Theory and concepts of normothermic cardioplegia, (2) Course Director/Organizer.
4. University of Barcelona, Hospital Clinico y Provincial, Barcelona, Spain, Mar 1993. Operating surgeon demonstrator.
5. University Hospital, Umea, Sweden, Jun 1993. Operating surgeon demonstrator.

Academic Year 1991-1992

Research Fellows

1991 - 1992 Imtiaz Ali

Research Fellow from Dalhousie General Surgical Program

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. Canadian Cardiovascular Society, Calgary, Alberta, Canada, Oct 1991. Invited Panelist Member Technique of Retrograde Warm Blood Cardioplegia.
2. Symposium on Myocardial Protection Co-Organizer, Atlanta. October 1992

Academic Year 1990-1991

Research Fellow

1990 Carlos A.M. Barrozo

M.Sc. Thesis enrollment in 1990 - MRC Scholarship 1991-1993.

Academic Year 1990-1991

Clinical/Research Fellow

1990 - 1991 Dr. Kevin Teoh

1990 - 1991 Dr. Richard Bauset

GRADUATE STUDENTS

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Nalini Jairath

The effects of exercise in valvular surgical patients (Thesis Defended August 1990)

Ph.D. 1990. **P**

**OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT
UNIVERSITIES/ORGANIZATIONS**

1. Regina Society, Regina, Saskatchewan, Canada, May 16, 1991. Visiting Professor Resuscitation of the Heart During Cardiac Surgery.
2. University of Barcelona, Barcelona, Spain, May 25, 1991. Visiting Professor Retrograde Warm Blood Cardioplegia.
3. Warm Heart Surgery Symposium: Theory, Concepts and Practice, University of Toronto, Toronto, Ontario, Jun 1991. Organizer and Co-Chair.

Academic Year 1989-1990

Research Fellow

1989 - 1990 Wilma Ardito, Sao Jose Rio Preto, Brazil

**OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT
UNIVERSITIES/ORGANIZATIONS**

Trauma Conference, University of Toronto, Toronto, Ontario, Nov 1989. Penetrating chest injuries.

Academic Year 1988-1989

Research Fellows

1988 - 1989 Anthony Panos, M.D.

1988 - 1989 Iara Lacana, M.D.

**OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT
UNIVERSITIES/ORGANIZATIONS**

1. University of Alberta Hospital, Edmonton, Alberta, Canada, Sep 20, 1988. Conference on Intra-aortic Balloon Pumping Recent Advances in Balloon Assistance of the Heart.
2. University Rounds, Department of Surgery, University of Toronto, Toronto, Ontario, Oct 1988. Whatever happened to pulmonary artery balloon counterpulsation?
3. Institute of Medical Science, University of Toronto, Toronto, Ontario, Nov 1988. What is new with balloons?
4. American Heart Association, Washington, D.C., U.S.A., Nov 15, 1988. Co-Chairman, Session: Cardiovascular Surgery Myocardial Preservation and Surgery for Arrhythmia.

Academic Year 1987-1988

Research Fellows

1987 Pedro Rafael Salerno, M.D., University of Sao Paulo, Brazil

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. Department of Clinical Engineering, University of Toronto, Toronto, Ontario, 1987. Circulatory assist techniques.
2. York University, Department of Physical Education, Toronto, Ontario, Dec 1987. Modern concepts in cardiac surgery.

Academic Year 1986-1987

Research fellows

1985 - 1986 Dr. Andrew Maitland

1986 Walter Villela de Andrade Vicente, M.D., Ph.D.
Visiting Professor from Brazil (July to December 1986)

1986 - 1987 Dr. Bradley G. Bush, Postdoctoral Research Fellow (Deceased).

1986 - 1987 Dr. Kassem Ashe

Graduate Students

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Dr. Robert J. Cusimano

Research Fellow in an M.Sc. Program (Defended Thesis September 1990)

M.Sc. 1986 - 1987. **P**

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

Shiley Incorporated, Montreux, Switzerland, Sep 22, 1986. Cardiac Prosthesis Symposium III (Conference).

Academic Year 1985-1986

Research Fellows

1984 - 1986 Dr. Charles Peniston

1985 - 1986 Dr. Andrew Maitland

1985 - 1986 Dr. Bruce Tranmer, IABP and cerebral perfusion (in association with
Division of Neurosurgery - Dr. A. Hudson - part-time).

1985 - 1986 Dr. M. Haysam El-Dalati

1985 - 1987 Dr. James Abel, M.Sc.

Graduate Students

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Dr. Irene J. Cybulsky

Non-invasive assist (Combined program with Drs. S.V. Lichtenstein & A. Slutsky.

Defended Thesis 1987)

M.Sc. 1985 - 1986. **J**

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. Advanced Trauma Life Support Course, Sunnybrook Health Science Centre, Toronto, Ontario, Jul 1985. Instructor.
2. Summer Undergraduate Student Lecture, University of Toronto, Institute of Medical Science, Toronto, Ontario, Jul 1985. Is research important to a clinical surgeon?
3. Lecture to First and Second Year Students, York University, Toronto, Ontario, Sep 1985. Causes of coronary artery disease and recovery.
4. Lecture to Biomedical Engineering Students, University of Toronto, Toronto, Ontario, Oct 1985. Artificial heart.
5. Management of Thoracic Aortic Aneurysms Workshop, University of Toronto, Toronto, Ontario, Oct 1985. Indications and results for coronary grafting.
6. Central Registry - Nursing Education, University of Toronto, Toronto, Ontario, Nov 1985. Aortocoronary bypass, valves, fem-pop bypass and aneurysms.
7. Department of Pathology, University of Toronto, Toronto, Ontario, Nov 1985. Recent advances in cardiac surgery.
8. Trauma Symposium for Postgraduate Trainees, University of Toronto, Toronto, Ontario, Jan 1986. (1) Thoracic injury: When not to wait and watch, (2) Resuscitation: Where ATLS leaves off.
9. Advanced Trauma Life Support (ATLS) Course, Sunnybrook Health Science Centre, Toronto, Ontario, Feb 1986. Instructor.
10. Society for Thoracic Surgical Education, Palm Beach, Florida, USA, Feb 27, 1986 - Mar 2, 1986. Continuous Blood Cardioplegia Scientific Program.
11. Croft Chapter House Medical Fraternity, University of Toronto, Toronto, Ontario, Mar 1986. Career and lifestyle of a cardiovascular surgeon (fireside chat - informal discussion).
12. Department of Nursing/Institute of Medical Science, University of Toronto, Toronto, Ontario, Mar 1986. Recent advances in cardiac surgery.
13. Cardiac Surgery Update, University of Toronto, Toronto, Ontario, May 1986. Techniques of valvuloplasty: Effect on left ventricular function.

14. McGill University, Montreal, P.Q., Quebec, May 8, 1986. 1986 Stikeman Visiting Professor Meeting Cardiovascular and Thoracic Surgery Continuous Blood Cardioplegia.
15. Advanced Trauma Life Support (ATLS) Course, Sunnybrook Health Science Centre, Toronto, Ontario, Jun 1986. Instructor.

ACADEMIC YEAR 1984-1985

Research Fellows

1984 - 1985 Dr. Gerard Bruin
 1984 - 1985 Dr. Samuel V. Lichtenstein
 1984 - 1986 Dr. Charles Peniston

Graduate Students

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Dr. Paul Spence
 Study of right ventricular failur and support during left heart bypass (Defended Thesis October 1986)
 M.Sc. 1983 - 1985. **J**

Steve Brotherton, B.Sc.
 Myocardial isosymes (defended thesis 1989)
 M.Sc. 1983 - 1985. **J**

Louise Vaiolta, B.Sc.
 York University
 M.Sc. 1984. **J**

Holly Frolick, B.Sc.
 Study of cardiac isoenzymes (York University - Defended Thesis in 1989)
 M.Sc. 1985. **J**

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. Advanced Trauma Life Support Course, Sunnybrook Health Science Centre, Toronto, Ontario, Aug 1984. Instructor.
2. City Wide Rounds, 1984 Medical and Surgical Frontiers, University of Toronto, Toronto, Ontario, Oct 1984. Myocardial ischemia.
3. University of Toronto, Toronto, Ontario, Nov 1984. Later life learning lecture series, Office of Public and Community Relations.

4. Institute of Medical Science, University of Toronto, Toronto, Ontario, Mar 1985. Current cardiovascular research.
5. Institute of Medical Science, University of Toronto, Toronto, Ontario, Mar 1985. Why is research important for a cardiac surgeon?
6. McGill University, Montreal, P.Q., Canada, May 23, 1985. Continuous Blood Cardioplegia Stikeman Professor.
7. Interamerican Congress of Cardiology, Vancouver, British Columbia, Canada, Jun 16, 1985 - Jun 22, 1985. Scientific Committee Member XII Interamerican Congress of Cardiology June 1985 Meeting.

Academic Year 1983-1984

Graduate Students

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Dr. Paul Spence

Study of right ventricular failure and support during left heart bypass (Defended Thesis October 1986)

M.Sc. 1983 - 1985. **J**

Steve Brotherton, B.Sc.

Myocardial isosymes (defended thesis 1989)

M.Sc. 1983 - 1985. **J**

OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT UNIVERSITIES/ORGANIZATIONS

1. Gallie Day, University of Toronto, Toronto, Ontario, May 1984. Pulmonary artery balloon counterpulsation during left heart bypass.
2. Continuing Medical Education, Cardiovascular Surgery Course, University of Toronto, Toronto, Ontario, Jun 1984. Lecturer.
3. Workshop for General Practitioners, University of Toronto, Toronto, Ontario, Jun 1984. Lecturer.

Academic Year 1982-1983

Graduate Students

P indicates Primary Supervisor; **S** Secondary; **J** Joint

Dr. Richard J. Novick

Preservation hypertrophied pig heart

M.Sc. 1983. **P**

**OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT
UNIVERSITIES/ORGANIZATIONS**

1. University of Toronto, Toronto, Ontario, 1983. Dissection of the aorta.
2. McGill University, Montreal, Quebec, 1983. The role of surgery in coronary artery disease.
3. Postgraduate Course in Vascular Surgery, McGill University, Montreal, Quebec, 1983. Who needs a surgeon?

Academic Year 1981-1982

**OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT
UNIVERSITIES/ORGANIZATIONS**

Postgraduate Course, University of Toronto, Toronto, Ontario, 1982. Clinical problems in heart surgery.

Academic Year 1980-1981

**OTHER COURSE LECTURES/WORKSHOPS PRESENTED AT
UNIVERSITIES/ORGANIZATIONS**

University of Toronto, Toronto, Ontario, 1981. To vent or not to vent.

ACTIVE RESEARCH COLLABORATIVE GROUPS

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1. Atrial Natriuretic Factor (ANF)

Dr. Salerno was the initial collaborator with Dr. Adolpho De Bold, when he was at Queen's University, in the identification in rats as to the origin and function of atrial granules. Palade had won the Nobel prize on the demonstration of these granules in the atria of hearts. Dr. Salerno and DeBold collaborated in performing experiments in rats and utilized tissue from humans to demonstrate that injection of the atrial material into rats led them to produce large amount of urine. The suggestion was then that these atrial granules were some form of diuretic, and this material was submitted for publication in the Journal of Thoracic and Cardiovascular surgery, it was rejected, as being preliminary. Subsequently, Dr. De Bold and Salerno presented and published the first abstract on this subject. (Reference 51 of this CV:

DeBold AJ, Salerno TA: Natriuretic activity of extracts obtained from hearts of different species and from various rat tissues. Canadian Journal of Physiology and Pharmacology 1983; 61: pp 127-130).

1. Dr. Roxanne Deslauriers Head Biological NMR Section National Research Council (NRC) Ottawa, Ontario

Dr. Deslauriers and I currently hold a two-year **MRC** grant for studies on Blood cardioplegia. We have recently submitted a Heart and Stroke Foundation Grant application for studies of cerebral metabolism using **NMR** during deep circulatory arrest in pigs. Currently there are 2 **MSc** students in Ottawa being supervised by Dr. Deslauriers and I. Dr. Deslauriers holds a cross-appointment at the University of Toronto.

This collaboration has continued with Drs. Delauriers and Hong. We currently hold a Medical Research Council of Canada grant, combined from NRC and University of Miami, to study beating heart perfusion techniques utilizing MR technology. Several presentations, abstracts and manuscripts has been submitted on this work.

2. Dr. David Iannuzo

**Professor of Biology and physical Education
York University , Toronto**

**Currently, Head of the Research Institute
The Deborah Heart Institute
New Jersey, NY**

Dr. Iannuzo and I have held grants for many years for studies of cardiac adaptation during tachycardia, the effects of thyroid hormone on the myocyte (cell culture), and the mechanism of cardiac hypertrophy during aortic banding. Over the years, Dr. Iannuzo and I co-supervised many students, who were successful in their **MSc** programs.

Dr. Iannuzo until recently held a cross-appointment to the CV Division at the University of Toronto, terminated due to his departure to the USA. We are planning to write an NIH grant on studies related to work done in Toronto. Dr. Iannuzo cross-appointed me to his Department at York University, a position which I still hold.

. **Dr. Gerald Buckberg
Professor of Surgery
University of California
Los Angeles, California**

Dr. Buckberg expressed interest in the work that Dr. Deslauriers and I were conducting. After a visit to St. Michael's Hospital, we both felt that together we could have a major impact in current thinking and, in particular, the development of techniques and technology for monitoring of the heart during cardioplegic arrest. An application was filed to the Department of Surgery, St. Michael's Hospital for temporary staff position, and the College of Physicians and Surgeons for temporary licence to practice at St. Michael's Hospital.

All of these were approved and, in the near future, Dr. Buckberg, Dr. Deslauriers and I will be collaborating in basic and clinical research on myocardial protection. Dr. Buckberg and I submitted an abstract to the **AATS** this year on work originated by him and I on simultaneous antegrade/retrograde cardioplegia to optimize cardioplegic delivery. A manuscript is forthcoming. Both he and I have been members of many international pannels on myocardial protection.

**4. Dr. Antonio Maria Calafiore
Professor of Cardiac Surgery
University of Chieti, Italy**

More recently, I was able to establish a collaborative group in Europe with Dr. Antonio Maria Calafiore, Professor of Cardiac Surgery at the University of Chieti. This is for clinical studies on myocardial protection, which we have common interest, such as deep circulatory arrest while the heart is kept at normothermia with continuous blood cardioplegia. We have submitted an abstract to the **AATS** on this collaborative work and are currently writing a manuscript on the subject. We have also written a joint editorial to the Italian Journal of Cardiac Surgery on myocardial protection. It is my hope to reciprocate my appointment in Italy by requesting that the Department of Surgery in Toronto cross-appoint him at our University.

More recently, I have received a MD degree from Italy as Honorary causa.

5. International Center for Cardiac Surgery

This center was developed in Buffalo as a means to further education worldwide in the field of Cardiothoracic Surgery, allowing physicians from all over the world to come to Buffalo to share our experiences, to learn new techniques, to teach the students and to participate in an academic environment. This has been an important program and over 100 physicians worldwide have participated in this venture in Buffalo. Also, opportunities have been created for students to participate in this program and further their education in Buffalo.

6. New Procedures in Cardiac Surgery

I was responsible for bringing the Batista Operation to North America, and Buffalo was the first center to perform this operation outside Brasil. This represents an important development in the treatment of end-stage heart diseases. Currently, this operation is being tried in different centers and we are one of the leading institutions in the field.

7. Minimally Invasive Coronary Artery Surgery

At Buffalo we have developed the Center for Less Invasive Coronary artery Surgery. This new operation, ie, heart surgery without the heart lung machine, allows for complete revascularization without the use of the heart lung machine, utilizing a median sternotomy approach. Near 95% of my patients are operated upon without the heart lung machine, receiving complete revascularization. This represents an important development in heart surgery. My mortality for coronary artery surgery is the lowest in the Group at the Buffalo General, as new strategies are developed for dealing with patients with coronary artery disease. My interest in this field is long-standing and my thinking is changing regarding myocardial protective strategies. I continued to be very interested in publishing, researching, writing and lecturing as a means of improving cardiac care of patients, specially minimally invasive coronary artery surgery and the treatment of end-stage heart disease.

8. Beating Heart Valvular and other complex cardiac procedures

As a result of 27 years of experience working on myocardial protection, having made contributions on warm blood cardioplegia development, introduction of new concepts such as continuous retrograde warm blood cardioplegia, I have evolved into performing all types of valvular procedures with the heart beating. Utilizing both antegrade and retrograde perfusion of the heart simultaneously with warm blood, I have eliminated potassium and, as such, cardioplegia as it is known from heart surgery. The benefits of this technique is that the heart is perfused throughout the aortic clamping period, thereby eliminating ischemia-reperfusion injury. I am the only surgeon in the world performing this procedure right now, with a clinical experience of 7 years, for about 400 major valvular and other combined procedures.

CARDIOTHORACIC FELLOWS TRAINED BY DR. SALERNO

***= academic surgeons**

Anthony Panos, M.D.*
George Christakis, M.D.*
Charles Peniston, M.D.*
Richard Boussett, MD
Dario Del Rizzo, MD
Michael Maddeus MD*
Larry Kaiser MD*
James Diehl MD*
Paul Spence, MD
Michael Pasque MD*
Kevin Teoh MD*
Irene Cybuslky MD*
Glorien Ropchan MD*
Christo Tkervenkov MD*
David Drinkwater MD*
Irvin David MD
Stephen Fremes MD*
Brad Bush MD (deceased)
H. Delati, MD*
Marco Ricci MD*
Paula Plummerfelt MD
K Kwong MD*
Stephen Dickson MD
Said Yassin MD*
Fouad Moussa MD*
Mohan Tenalikalalam MD*
Andreas Medina MD
Randy Stephens MD*
Paulo Soltosky MD
Carlos Barrozo MD
Walter Vicente MD

Reginald Abraham MD
Robert Kormos MD*
Carolyn Dresler MD*
Hakesh Sakim MD
James Houck MD*
Alnowaiser MD*
Voo Hong, MD*
Gabriel Di Luozzo MD*
RJ Cusimano MD*
Domenico Calcaterra MD
James Shaw MD
John Mullen MD*
Ivan Rebeyka MD*
Andrew Maitland MD*
Steven Mentzer MD*
Greg Cooper MD*
Hassan Tehrani MD*
Peter Birbaum MD
Sha Amir MD
Masroor Saqib MD*
Atik Rehman MD
Kevin Teoh MD
Haratch Karamanoukian MD*
Steve Peterson MD
Chris Stryka MD
John MacMahon MD
Von Fritcken MD

Gabriel De Luozzo
Alberto Maldonado
Fuad Moussa
Jason Shaw
Domenico Calcaterra
Efron Butrago
Lizardo Garcia
Francisco Terrazzi
Coleen Gaughan
Jose Quinichini