

## **CURRICULUM VITAE**

R. Scott Mitchell, M.D.

**Present Position**                      Professor of Cardiothoracic Surgery  
Stanford University School of Medicine

**Business Address**                      Department of Cardiothoracic Surgery  
Stanford University School of Medicine  
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**Military Service**                      Lieutenant Commander, Medical Corps  
U.S. Naval Reserve, Active Duty 1972-1974  
Honorable Discharge

**Education**

1962 - 1966                      A.B.     Bowdoin College – James Bowdoin Scholar  
   Brunswick, Maine

1966 - 1970                      M.D.     Northwestern University Medical School  
   Chicago, Illinois

**Surgical Training**

1970 - 1971                      Intern  
Children’s Hospital and Adult Medical Center  
San Francisco, California

1971 - 1972,  
1975 - 1978                      Surgery Resident  
Department of General Surgery  
Stanford University Hospital  
Stanford, California

1979 - 1980                      Vascular Surgery Fellow  
Department of Cardiovascular Surgery  
Stanford University Hospital  
Stanford, California

1980 - 1983                      Cardiovascular Surgery Resident  
Department of Cardiovascular Surgery  
Stanford University Hospital  
Stanford, California

### **Academic Appointments**

1983 - 1991                      Assistant Professor of Cardiovascular Surgery  
Stanford University School of Medicine  
Stanford, California

1983 – 1985                      Attending Surgeon  
Palo Alto Veterans Administration Medical Center  
Palo Alto, California

1985 - 1990                      Chief of Cardiovascular Surgery  
Palo Alto Veterans Administration Hospital  
Palo Alto, California

1991 - 1999                      Associate Professor of Cardiothoracic Surgery  
Stanford University School of Medicine  
Stanford, California

1999 - present                      Professor of Cardiothoracic Surgery  
Stanford University School of Medicine  
Stanford, California

### **Licensure**

State of California, G21960

### **Board Certification**

American Board of Surgery, No. 25761, March 12, 1980  
American Board of Thoracic Surgery, No. 4288, May 1985  
Vascular Surgery, American Board of Surgery, May 1989

### **Professional Affiliations and Societies**

American Association for Thoracic Surgery  
American College of Chest Physicians, Fellow  
American College of Surgeons, Fellow  
American Medical Association  
Association for Academic Surgeons  
Bay Area Society of Thoracic Surgeons  
California Medical Association  
International Society for Cardiovascular Surgery

Northern California Vascular Society  
San Francisco Surgical Society  
Society of Thoracic Surgeons  
Western Thoracic Surgical Association – Program Committee, 1995-1997  
Western Vascular Society – Program Chairman, 1992-1995

### **Academic Committees**

1988 - 1993	ICU Committee
1993 - 2000	Chair, ICU Committee
1993 – present	ICU Committee
1993 - 2000	Faculty Senate
1994 - 2000	Committee of Five
2000 - present	Critical Care Committee

### **Funded Research**

1992 - 1993	Principal Investigator “Endovascular grafting system for endoluminal repair of abdominal aortic aneurysms” Endovascular Technologies
1993 - 1995	Principal Investigator “Clinical trial of the endovascular grafting system as compared to the standard surgical procedure in the treatment of abdominal aortic aneurysms (Phase II)” Endovascular Technologies  Principal Investigator “Modified ultra filtration”
1996 - 1998	Principal Investigator “Clinical trial of endovascular grafting system in treatment of abdominal aortic aneurysms (Phase I and II)” Endovascular Technologies

## PUBLICATIONS

### Books

1. Moreno-Cabral CE, Mitchell RS, Miller DC, eds. Manual of Postoperative Care in Adult Cardiac Surgery. Baltimore: Williams and Wilkins, 1988.

### Chapters

1. Mitchell RS, et al. Perspectives on the porcine xenograft valve. In: Stephenson LW, ed. Cardiology Clinics. WB Saunders, Inc., 1985.
2. Miller DC, Oyer PE, Stinson EB, Mitchell RS, Baldwin JC, Jamieson SW, Shumway NE. Ten-year clinical experience in 1,651 patients with one type of tissue valve. In: Stareck PJK, ed. Heart Valve Replacement and Reconstruction. Chicago: Year Book Medical Publishers, 1987; 175-189.
3. Cahill PD, Mitchell RS, Miller DC. Diet and biochemistry in atherogenesis. In: Bergan JJ, Yao JST, eds. Arterial Surgery: New Diagnostic and Operative Techniques. Orlando: Grune and Stratton, Inc., 1988; 3-20.
4. Mitchell RS. Cholesterol, fish oil, and cardiovascular disease. In: Veith FJ, ed. Current Critical Problems in Vascular Surgery. Quality Medical Publishing, Inc., 1989.
5. Mitchell RS. Surgical approaches to coronary artery and peripheral vascular disease. In: Ginsberg R, ed. Laser Angioplasty. Futura Publishing Co., 1989.
6. Mitchell RS. Thoracic aortic aneurysms and dissections. In: Greenfield L, ed. Surgery: Scientific Principles and Practice, Second Edition. Lippincott Publishing, Co., 1997; 1859-1873.
7. Fann JI, Mitchell RS. Peripheral vascular manifestations of acute aortic dissection. In: Ballard JL, ed. Aortic Surgery. Landes Biosciences, 2000; 308-318.
8. Caffarelli AD, van der Starre PJA, Mitchell RS. Ascending and arch aneurysms of the aorta. In: Yuh DD, Vricella LA, Baumgartner WA, eds. The Johns Hopkins Manual of Cardiothoracic Surgery. The McGraw-Hill Companies, Inc., 2007:663-700.

### Articles

1. Mitchell RS, Miller DC, Billingham ME, Mehigan JT, Olcott C, Stinson EB. Comprehensive assessment of the safety, durability, clinical performance, and healing characteristics of a double velour knitted Dacron arterial prosthesis. Vasc Surg 1980;14(93):197-212.
2. McKeown PP, Miller DC, Jamieson SW, Mitchell RS, Reitz BA, Olcott C 4th, Mehigan JT, Silberstein RJ, McDougall IR. Diagnosis of arterial prosthetic graft infection by indium-111 oxine white blood cell scans. Circulation 1982;66(2 Pt 2):I130-4.

3. Mitchell RS, Seifert FC, Miller DC, Jamieson SW, Shumway NE. Aneurysm of the diverticulum of the ductus arteriosus in the adult. Successful surgical treatment in five patients and review of the literature. *J Thorac Cardiovasc Surg* 1983;86(3):400-8.
4. Miller DC, Stinson EB, Oyer PE, Jamieson SW, Mitchell RS, Reitz BA, Baumgartner WA, Shumway NE. Discriminant analysis of the changing risks of coronary artery operations: 1971-1979. *J Thorac Cardiovasc Surg* 1983;85(2):197-213.
5. Miller DC, Oyer PE, Stinson EB, Reitz BA, Jamieson SW, Baumgartner WA, Mitchell RS, Shumway NE. Ten to fifteen-year reassessment of the performance characteristics of the Starr-Edwards Model 6120 mitral valve prosthesis. *J Thorac Cardiovasc Surg* 1983;85(1):1-20.
6. Finch EL, Mitchell RS, Guthaner DF, Fowles RF, Miller DC. Pulmonary artery surgical aneurysmorrhaphy: where do we go from here? *Am Heart J* 1983;106(3):614-8.
7. Oyer PE, Stinson EB, Miller DC, Jamieson SW, Mitchell RS, Shumway NE. Thromboembolism in patients with Hancock prostheses. *Eur Heart J* 1983;4(Suppl 1):8.
8. Oyer PE, Stinson EB, Miller DC, Jamieson SW, Mitchell RS, Shumway NE. Durability of the Hancock porcine bioprosthesis. *Eur Heart J* 1983; 4(Suppl 1):16.
9. Miller DC, Oyer PE, Jamieson SW, Mitchell RS, Shumway NE. Performance characteristics of the porcine bioprosthesis at ten years. *J Thorac Cardiovasc Surg (Torino)* 1983;24:398.
10. Ginsburg R, Kim DS, Guthaner D, Toth J, Mitchell RS. Salvage of an ischemic limb by laser angioplasty: description of a new technique. *Clin Cardiol* 1984;7(1):54-8.
11. Miller DC, Oyer PE, Mitchell RS, Stinson EB, Jamieson SW, Baldwin JC, Shumway NE. Performance characteristics of the Starr-Edwards Model 1260 aortic valve prosthesis beyond ten years. *J Thorac Cardiovasc Surg* 1984;88(2):193-207.
12. Moreno-Cabral CE, Miller DC, Mitchell RS, Stinson EB, Oyer PE, Jamieson SW, Shumway NE. Degenerative and atherosclerotic aneurysms of the thoracic aorta. Determinants of early and late surgical outcome. *J Thorac Cardiovasc Surg* 1984;88(6):1020-32.
13. Miller DC, Mitchell RS, Oyer PE, Stinson EB, Jamieson SW, Shumway NE. Independent determinants of operative mortality for patients with aortic dissections. *Circulation* 1984;70(3 Pt 2):I153-64.
14. Fowler MB, Alderman EL, Oesterle SN, Derby G, Daughters GT, Stinson EB, Ingels NB, Mitchell RS, Miller DC. Dobutamine and dopamine after cardiac surgery: greater augmentation of myocardial blood flow with dobutamine. *Circulation* 1984;70(3 Pt 2):I103-11.
15. Henderson VJ, Cohen RG, Mitchell RS, Kosek JC, Miller DC. Recovery of prostacyclin production in veno-arterial autografts and allografts. *Surg Forum* 1984;35:344-6.
16. Oyer PE, Stinson EB, Miller DC, Jamieson SW, Mitchell RS, Shumway NE. Thromboembolic risk and durability of the Hancock bioprosthetic cardiac valve. *Eur Heart J* 1984;5(Suppl D):81-5.

17. Wong DW, Guthaner DF, Gordon EP, Mitchell RS. Lymphoma of the heart. *Cathet Cardiovasc Diagn* 1984;10(4):377-84.
18. Scott WC, Miller DC, Haverich A, Dawkins K, Mitchell RS, Jamieson SW, Oyer PE, Stinson EB, Baldwin JC, Shumway NE. Determinants of operative mortality for patients undergoing aortic valve replacement: Discriminant analysis of 1,479 operations. *J Thorac Cardiovasc Surg* 1985;89(3):400-13.
19. Miller DC, Daughters GT, Derby GC, Mitchell RS, Ingels NB Jr, Stinson EB, Alderman EL. Effect of early postoperative volume loading on left ventricular systolic function (including left ventricular ejection fraction determined by myocardial marker) after myocardial revascularization. *Circulation* 1985;72(3 Pt 2):II207-15.
20. Haverich A, Miller DC, Scott WC, Mitchell RS, Oyer PE, Stinson EB, Shumway NE. Acute and chronic aortic dissections--determinants of long-term outcome for operative survivors. *Circulation* 1985;72(3 Pt 2):II22-34.
21. D'Agostino RS, Miller DC, Stinson EB, Mitchell RS, Oyer PE, Jamieson SW, Baldwin JC, Shumway NE. Valve replacement in patients with native valve endocarditis: what really determines operative outcome? *Ann Thorac Surg* 1985;40(5):429-38.
22. Mitchell RS, Miller DC, Stinson EB, Oyer PE, Jamieson SW, Baldwin JC, Shumway NE. Perspective on the porcine xenograft valve. *Cardiol Clin* 1985;3:371-84.
23. Scott WC, Miller DC, Haverich A, Mitchell RS, Oyer PE, Stinson EB, Jamieson SW, Baldwin JC, Shumway NE. Operative risk of mitral valve replacement: discriminant analysis of 1,329 procedures. *Circulation* 1985;72(3 Pt 2):II108-19.
24. Ginsberg R, Wexler L, Mitchell RS, Profitt D. Percutaneous transluminal laser angioplasty for treatment of peripheral vascular disease. Clinical experience with 16 patients. *Radiology* 1985;156(3):619-24.
25. Brunner MC, Mitchell RS, Baldwin JC, James DR, Olcott C 4th, Mehigan JT, McDougall IR, Miller DC. Prosthetic graft infection: limitations of indium white blood cell scanning. *J Vasc Surg* 1986;3(1):42-8.
26. Fish KJ, Sarnquist FH, van Steennis C, Mitchell RS, Hilberman M, Jamieson SW, Linet OI, Miller DC. A prospective, randomized study of the effects of prostacyclin on platelets and blood loss during coronary bypass operations. *J Thorac Cardiovasc Surg* 1986;91(3):436-42.
27. Henderson VJ, Cohen RG, Mitchell RS, Kosek JC, Miller DC. Biochemical (functional) adaptation of "arterialized" vein grafts. *Ann Surg* 1986;203(4):339-45.
28. Schnittger I, Keren A, Yock PG, Allen MD, Modry DL, Zusman DR, Mitchell RS, Miller DC, Popp RL. Timing of abnormal interventricular septal motion after cardiopulmonary bypass operations: Lack of injury proved by preoperative, intraoperative, and postoperative echocardiography. *J Thorac Cardiovasc Surg* 1986;91(4):619-23.
29. Hansen DE, Cahill PD, DeCampi WM, Harrison DC, Derby GC, Mitchell RS, Miller DC. Valvular-ventricular interaction: importance of the mitral apparatus in canine left ventricular systolic performance. *Circulation* 1986;73(6):1310-20.

30. Mitchell RS, Miller DC, Stinson EB, Oyer PE, Jamieson SW, Baldwin JC, Shumway NE. Significant patient-related determinants of prosthetic valve performance. *J Thorac Cardiovasc Surg* 1986;91(6):807-17.
31. Frist WH, Baldwin JC, Starnes VA, Stinson EB, Oyer PE, Miller DC, Jamieson SW, Mitchell RS, Shumway NE. A reconsideration of cerebral perfusion in aortic arch replacement. *Ann Thorac Surg* 1986;42(3):273-81.
32. DeCampli WM, Goodwin D, Kosek JC, Handen CE, Mitchell RS, Miller DC. Pharmacological, hematological, and physiological effects of a new thromboxane synthetase inhibitor (CGS-13080) during cardiopulmonary bypass in dogs. *Ann Thorac Surg* 1986;42(6):690-6.
33. Dein JR, Frist WH, Stinson EB, Miller DC, Baldwin JC, Oyer PE, Jamieson S, Mitchell RS, Shumway NE. Primary cardiac neoplasms: Early and late results of surgical treatment in 42 patients. *J Thorac Cardiovasc Surg* 1987;93(4):502-11.
34. Fish KJ, Helms KN, Sarnquist FH, van Steennis C, Linet OI, Hilberman M, Mitchell RS, Jamieson SW, Miller DC, Tinklenberg JS. A prospective, randomized study of the effects of prostacyclin on neuropsychological dysfunction after coronary artery operation. *J Thorac Cardiovasc Surg* 1987;93(4):609-15.
35. Segal J, Lerner DJ, Miller DC, Mitchell RS, Alderman EA, Popp RL. When should Doppler-determined valve area be better than the Gorlin formula? Variation in hydraulic constants in low flow states. *J Am Coll Cardiol* 1987;9(6):1294-305.
36. Cahill PD, Sarris GE, Cooper AD, Wood PD, Kosek JC, Mitchell RS, Miller DC. Inhibition of vein graft intimal thickening by eicosapentanoic acid: reduced thromboxane production without change in lipoprotein levels or low-density lipoprotein receptor density. *J Vasc Surg* 1988;7(1):108-18.
37. DeCampli WM, Kosek JC, Mitchell RS, Handen CE, Miller DC. Effects of aspirin, dipyridamole, and cod liver oil on accelerated myointimal proliferation in canine veno-arterial allografts. *Ann Surg* 1988;208(6):746-54.
38. Wexler L, Ginsburg R, Mitchell RS, Mehigan JT: The vascular war of 1988. *JAMA* 1989;261(3):418-9.
39. Fann JI, Cahill PD, Mitchell RS, Miller DC. Regional variability of prostacyclin biosynthesis. *Arteriosclerosis* 1989;9(3):368-73.
40. Sarris GE, Mitchell RS, Billingham ME, Glasson JR, Cahill PD, Miller DC. Inhibition of accelerated cardiac allograft arteriosclerosis by fish oil. *J Thorac Cardiovasc Surg* 1989;97(6):841-54; discussion 854-5.
41. Fann JI, Sarris GE, Miller DC, Mitchell RS, Oyer PE, Stinson EB, Shumway NE. Surgical management of acute aortic dissection complicated by stroke. *Circulation* 1989;80(3 Pt 1):I257-63.
42. Kahn S, Mitchell RS, Derby GC, Oyer PE, Miller DC. Hemodynamic comparison of Hancock and Carpentier-Edwards mitral bioprosthetic valves. *Circulation* 1990;82(5 Suppl):IV75-81.

43. Kahn SS, Mitchell RS, Derby GC, Oyer PE, Miller DC. Differences in Hancock and Carpentier-Edwards porcine xenograft aortic valve hemodynamics: Effect of valve size. *Circulation* 1990;82(5 Suppl):IV-117-24.
44. Fann JI, Sarris GE, Mitchell RS, Shumway NE, Stinson EB, Oyer PE, Miller DC. Treatment of patients with aortic dissection presenting with peripheral vascular complications. *Ann Surg* 1990;212(6):705-13.
45. Yun KL, Glower DD, Miller DC, Fann JI, Mitchell RS, White WD, Rankin JS, Wolfe WG, Shumway NE. Aortic dissection resulting from tear of transverse arch: is concomitant arch repair warranted? *J Thorac Cardiovasc Surg* 1991;102(3):355-68; discussion 368-70.
46. Burdon TA, Miller DC, Oyer PE, Mitchell RS, Stinson EB, Starnes VA, Shumway NE. Durability of porcine valves at fifteen years in a representative North American patient population. *J Thorac Cardiovasc Surg* 1992;103(2):238-51; discussion 251-2
47. Schneider JR, Wright A, Mitchell RS. Successful percutaneous balloon catheter treatment of renal artery occlusion and anuria. *Ann Vasc Surg* 1992;6(6):533-6.
48. Miller DC, Mitchell RS. Composite aortic valve replacement and graft replacement of the ascending aorta plus coronary ostial reimplantation: how I do it. *Semin Thorac Cardiovasc Surg* 1993;5(1):74-83.
49. Moon MR, Dake MD, Pelc LR, Liddell R, Castro LJ, Mitchell RS, Miller DC. Intravascular stenting of acute experimental type B dissections. *J Surg Res* 1993;54(4):381-8.
50. Rubin GD, Walker PJ, Dake MD, Napel S, Jeffrey RB, McDonnell CH, Mitchell RS, Miller DC. Three-dimensional spiral computed tomographic angiography: an alternative imaging modality for the abdominal aorta and its branches. *J Vasc Surg* 1993;18(4):656-64; discussion 665.
51. Walker PJ, Mitchell RS, McFadden PM, James DR, Mehigan JT. Early experience with cryopreserved saphenous vein allografts as a conduit for complex limb-salvage procedures. *J Vasc Surg* 1993;18(4):561-8; discussion 568-9.
52. Sarris GE, Robbins RC, Miller DC, Mitchell RS, Moore KA, Stinson EB, Oyer PE, Reitz BA, Shumway NE. Randomized, prospective assessment of bioprosthetic valve durability. Hancock vs. Carpentier-Edwards valves. *Circulation* 1993;88(5 Pt 2):II55-64.
53. Robbins RC, McManus RP, Mitchell RS, Latter DR, Moon MR, Olinger GN, Miller DC. Management of patients with intramural hematoma of the thoracic aorta. *Circulation* 1993;88(5 Pt 2):II1-10.
54. Walker PJ, Dake MD, Mitchell RS, Miller DC. The use of endovascular techniques for the treatment of complications of aortic dissection. *J Vasc Surg* 1993;18(6):1042-51.
55. Smith JA, Mitchell RS, Miller DC. Which patients will require two or more reoperations for structural valve deterioration of porcine bioprostheses? *J Heart Valve Dis* 1993;2(6):705.



56. Smith JA, Fann JI, Miller DC, Moore KA, DeAnda A Jr, Mitchell RS, Stinson EB, Oyer PE, Reitz BA, Shumway NE. Surgical management of aortic dissection in patients with the Marfan syndrome. *Circulation* 1994;90(5 Pt 2):II235-42.
57. Dake MD, Miller DC, Semba CP, Mitchell RS, Walker PJ, Liddell RP. Transluminal placement of endovascular stent-grafts for the treatment of descending thoracic aortic aneurysms. *N Engl J Med* 1994;331(26):1729-34.
58. Fann JI, Smith JA, Miller DC, Mitchell RS, Moore KA, Grunkemeier G, Stinson EB, Oyer PE, Reitz BA, Shumway NE. Surgical management of aortic dissection during a 30-year period. *Circulation* 1995;92(9 Suppl):II113-21.
59. Quinones-Baldrich WJ, Deaton DH, Mitchell RS, Berry G, Piplani A, Quiachon D, Edwards WH, Moore WS. Preliminary experience with the Endovascular Technologies bifurcated endovascular aortic prosthesis in a calf model. *J Vasc Surg* 1995;22(4):370-9; discussion 379-81.
60. Yun KL, Miller DC, Moore KA, Mitchell RS, Oyer PE, Stinson EB, Robbins RC, Reitz BA, Shumway NE. Durability of the Hancock MO bioprosthesis compared with standard aortic valve bioprostheses. *Ann Thorac Surg* 1995;60(2 Suppl):S221-8.
61. Slonim SM, Nyman U, Semba CP, Miller DC, Mitchell RS, Dake MD. Aortic dissection: percutaneous management of ischemic complications with endovascular stents and balloon fenestration. *J Vasc Surg* 1996;23(2):241-51; discussion 251-3.
62. Steinberg GK, De La Paz R, Mitchell RS, Bell TE, Albers GW. MR and cerebrospinal fluid enzymes as sensitive indicators of subclinical cerebral injury after open-heart valve replacement surgery. *AJNR Am J Neuroradiol* 1996;17(2):205-12; discussion 213-5.
63. Stevens JH, Burdon TA, Peters WS, Siegel LC, Pompili MF, Vierra MA, St. Goar FG, Ribakove GH, Mitchell RS, Reitz BA. Port-access coronary artery bypass grafting: a proposed surgical method. *J Thorac Cardiovasc Surg* 1996;111(3):567-73.
64. Harris EJ, Jr, Harris EJ, Berry GJ, Mitchell RS. Endoluminal aortic grafting: a preliminary animal study of graft-healing. *J Surg Res* 1996;61(2):404-12.
65. Stevens JH, Burdon TA, Siegel LC, Peters WS, Pompili MF, St. Goar FG, Berry GJ, Ribakove GH, Vierra MA, Mitchell RS, Toomasian JM, Reitz BA. Port-access coronary artery bypass with cardioplegic arrest. acute and chronic canine studies. *Ann Thorac Surg* 1996;62(2):435-40; discussion 441.
66. Mitchell RS, Dake MD, Semba CP, Fogarty TJ, Zarins CK, Liddell RP, Miller DC. Endovascular stent-graft repair of thoracic aortic aneurysms. *J Thorac Cardiovasc Surg* 1996;111(5):1054-62.
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72. Semba CP, Kato N, Kee ST, Lee GK, Mitchell RS, Miller DC, Dake MD. Acute rupture of the descending thoracic aorta: repair with use of endovascular stent-grafts. *J Vasc Interv Radiol* 1997;8(3):337-42.
73. Mitchell RS. Endovascular stent graft repair of thoracic aortic aneurysms. *Semin Thorac Cardiovasc Surg* 1997;9(3):257-68.
74. Yun KL, Miller DC, Fann JI, Mitchell RS, Robbins RC, Moore KA, Oyer PE, Stinson EB, Shumway NE, Reitz BA. Composite valve graft versus separate aortic valve and ascending aortic replacement: is there still a role for the separate procedure? *Circulation* 1997;96(9 Suppl):II368-75.
75. Semba CP, Mitchell RS, Miller DC, Kato N, Kee ST, Chen JT, Dake MD. Thoracic aortic aneurysm repair with endovascular stent-grafts. *Vasc Med* 1997;2(2):98-103.
76. Kato N, Dake MD, Miller DC, Semba CP, Mitchell RS, Razavi MK, Kee ST. Traumatic thoracic aortic aneurysm: treatment with endovascular stent-grafts. *Radiology* 1997;205(3):657-62.
77. Mitchell RS, Miller DC, Dake MD. Stent-graft repair of thoracic aortic aneurysms. *Semin Vasc Surg* 1997;10(4):257-71.
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79. Semba CP, Sakai T, Slonim SM, Razavi MK, Kee ST, Jogensen MJ, Hagberg RC, Lee GK, Mitchell RS, Miller DC, Dake MD. Mycotic aneurysm of the thoracic aorta: repair with use of endovascular stent-grafts. *J Vasc Interv Radiol* 1998;9(1 Pt 1):33-40.
80. Dake MD, Miller DC, Mitchell RS, Semba CP, Moore KA, Sakai T. The "first generation" of endovascular stent-grafts for patients with aneurysms of the descending thoracic aorta. *J Thorac Cardiovasc Surg* 1998;116(5):689-703; discussion 703-4.
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82. Mitchell RS. Endovascular solutions for diseases of the thoracic aorta. *Cardiol Clin* 1999;17(4):815-25.

83. Mitchell RS, Miller DC, Dake MD, Semba CP, Moore KA, Sakai T. Thoracic aortic aneurysm repair with an endovascular stent graft: the “first generation”. *Ann Thorac Surg* 1999;67(6):1971-4; discussion 1979-80.
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86. Umana JP, Mitchell RS. Endovascular treatment of aortic dissections and thoracic aortic aneurysms. *Semin Vasc Surg* 2000;13(4):290-8.
87. Wolf YG, Fogarty TJ, Olcott C IV, Hill BB, Harris EJ, Mitchell RS, Miller DC, Dalman RL, Zarins CK. Endovascular repair of abdominal aortic aneurysms: eligibility rate and impact on the rate of open repair. *J Vasc Surg* 2000;32(3):519-23.
88. Olcott C IV, Mitchell RS, Steinberg GK, Zarins CK. Institutional peer review can reduce the risk and cost of carotid endarterectomy. *Arch Surg* 2000;135(8):939-42.
89. Stoodley MA, Thompson RC, Mitchell RS, Marks MP, Steinberg GK. Neurosurgical and neuroendovascular management of Takayasu’s arteritis. *Neurosurgery* 2000;46(4):841-51; discussion 851-2.
90. Moon MR, Miller DC, Moore KA, Oyer PE, Mitchell RS, Robbins RC, Stinson EB, Shumway NE, Reitz BA. Treatment of endocarditis with valve replacement: the question of tissue versus mechanical prosthesis. *Ann Thorac Surg* 2001;71(4):1164-71.
91. Umana JP, Miller DC, Mitchell RS. What is the best treatment for patients with acute type B aortic dissections—medical, surgical, or endovascular stent-grafting? *Ann Thorac Surg* 2002;74(5):S1840-3; discussion S1857-63.
92. Mitchell RS. Stent grafts for the thoracic aorta: a new paradigm? *Ann Thorac Surg* 2002;74(5):S1818-20; discussion S1825-32.
93. Umana JP, Lai DT, Mitchell RS, Moore KA, Rodriguez F, Robbins RC, Oyer PE, Dake MD, Shumway NE, Reitz BA, Miller DC. Is medical therapy still the optimal treatment strategy for patients with acute type B aortic dissections? *J Thorac Cardiovasc Surg* 2002;124(5):896-910.
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98. Umana JP, Mitchell RS. Thoracic aortic stent-grafts. *Coron Artery Dis* 2002;13(2):103-11.
99. Coady MA, Mitchell RS. Femoro-femoral partial bypass in the treatment of thoracoabdominal aneurysms. *Semin Thorac Cardiovasc Surg* 2003;15(4):340-4.
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Invited Presentations (6 selected presentations from a total of 46)

May 1997      Royal Australasian College of Surgeons  
Annual Scientific Congress  
Brisbane, Australia

1.      “Minimally Invasive Cardiac Surgery: The Stanford Experience”
2.      “The Stanford Experience with Endoluminal Aortic Stent-Grafting”
3.      “Progress with Endovascular Manage of Aortic Dissection and the Peripheral Branch Vessel Complications”