D. CRAIG MILLER, M.D.

Present Position: **THELMA AND HENRY DOELGER PROFESSOR OF CARDIOVASCULAR SURGERY**
STANFORD UNIVERSITY SCHOOL OF MEDICINE

Director, Cardiovascular Surgical Physiology Research Laboratories

Business Address: Department of Cardiothoracic Surgery
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Birth date: December 3, 1946; San Francisco, California

Social Security Number: xxx-xx-xxxx

Citizenship: U.S.A.

Military Service: **LT**, **USNR-R**, Medical Corps, (1970-1982).

Education:

1960-1964: Enterprise High School, Redding, California

1964-1965: Leave of absence from Dartmouth College, Hanover, New Hampshire

1965-1968: Dartmouth College, Hanover, New Hampshire; Dual major in Chemistry and Mathematics

1968-1972: Stanford University School of Medicine, Stanford, California; **B.A.** (1969) (Basic Medical Sciences)

1968-1972: Stanford University School of Medicine, Stanford, California; **M.D.** (1972)

Surgical Training:

1972-1975: General surgery residency, Stanford University Medical Center and Affiliated Hospitals

1975-1976: Chief Resident, Peripheral Vascular Surgery, Stanford University Medical Center

1976-1977: Chief Resident, Cardiovascular Surgery, Stanford University Medical Center

7–12/1977: Chief Resident, Thoracic Surgery, Stanford University Medical Center

Positions Held:

1/1/78 – 8/14/86 Chief, Cardiac Surgery Section, Palo Alto V.A. Medical Center

1985 – 1993 Program Director, Vascular Surgery Residency, Stanford University Medical Center

1/1/78 – 9/30/96 Staff Surgeon, Cardiac Surgery Section, Palo Alto V.A. Medical Center

1/1/78 – 8/31/78 Clinical Assistant Professor of Cardiovascular Surgery, Stanford University School of Medicine

9/1/78 – 2/28/83 Assistant Professor of Cardiovascular Surgery, Stanford University School of Medicine

3/1/83 – 7/1/89 Associate Professor of Cardiovascular Surgery, Stanford University School of Medicine

1/1/89 – Present Professor of Cardiovascular Surgery, Stanford University School of Medicine

1998 – Present ***Thelma and Henry Doelger Professor of Cardiovascular Surgery, Stanford University***

Professional Affiliations and Societies:

Society of Clinical Surgery
American Surgical Association
American Association for Thoracic Surgery
Society of University Surgeons
Society for Vascular Surgery
Western Thoracic Surgical Association (*President, 1994-1995*)
Society of Thoracic Surgeons
Western Vascular Society
Cardiovascular Surgery Council, American Heart Association (*Chairman*, 1995-1997)
Association for Academic Surgery
American Association for Vascular Surgery (was *International Society for Cardiovascular Surgery*)
Cardiac Surgery Biology Club
Society of Heart Valve Disease
American College of Surgeons
American College of Cardiology
American College of Chest Physicians
Northern California Vascular Society
Bay Area Society of Thoracic Surgeons
Society for Clinical Vascular Surgery
Society for Thoracic Surgical Education
European Association for Cardio-Thoracic Surgery (Honorary)
Sociedad de Cardiocirujanos (Spain) (*President, 1987-1988*)
Sociedad Española de Cirugía Cardiovascular (Honorary, Spain)
Sociedad Colombiana de Cirugía (Honorary, Colombia)
Sociedad Chilena de Cardiología y Cirugía Cardiovasculár (Honorary, Chile)
The Cardiac Society of Australia and New Zealand (Honorary Corresponding Member)
Pan-Pacific Surgical Association
American Federation for Clinical Research
San Francisco Surgical Society
California Medical Association
American Medical Association
Santa Clara County Medical Society

Medical Licensure: State of California: G25004 (1973 - current)
State of Oregon: 9774 (1975 - current [inactive])
State of Hawaii: 894 (1974, temporary)

Board Certification:

AMERICAN BOARD OF SURGERY, No. 23,441 (1 MARCH, 1978)
AMERICAN BOARD OF THORACIC SURGERY, No. 3,408 (24 MARCH, 1979); Recertified, 1988 and 1998.
SPECIAL QUALIFICATIONS IN GENERAL VASCULAR SURGERY (AMERICAN BOARD OF SURGERY), No. 253 (18 NOVEMBER, 1983); Recertified, 1993.

Honors and Awards

President, *Sociedad de Cardiocirujanos* (España), 1988
R. T. Hall Lectureship, *The Cardiac Society of Australia and New Zealand*, 1990
President, *Western Thoracic Surgical Association*, 1994-1995
Chairman, *American Heart Association Cardiothoracic and Vascular Surgery Council*, 1995-1997
Stanford University Medical School Distinguished Alumni Award, 1997
Wilfred Bigelow Award, *Canadian Cardiovascular Society*, 2000
Antoine Marfan Award, *National Marfan's Foundation*, 2001
William W. L. Glenn lecturer, *American Heart Association (Cardiovascular Surgery Council)*, 2002
Distinguished Scientist of the *American Heart Association*, 2003
Outstanding Achievement in Medicine Award, *Santa Clara County Medical Society*, 2004
President, *American Association for Thoracic Surgery*, 2007-2008

Recent Invited Lectureships

Rollin Daniel Lecturer, Vanderbilt University Medical School, 1998
Honored Lecturer, *Japanese Association of Cardiac and Thoracic Surgery*, 1998
Keynote Address, *Scandinavian Association of Thoracic Surgery*, 1999
Invited Honorary Lecture, *European Association for Cardio-Thoracic Surgery*, 2001
Keynote Scientific Lecture, *Sociedad Española de Cirugía Cardiovascular*, 2002
Stikeman Prize and Visiting Professor, McGill University, 2003
Horace G. Smithy Lecturer, Medical University of South Carolina, Charleston, SC, 2004
Keynote Honored Lecturer, *Japanese Society for Cardiovascular Surgery*, Hamamatsu, Japan 2005
Mortimer Bucklet Lecturer, Massachusetts General Hospital, Boston, MA 2004
James and Virginia Hubbard Lecture , Brigham and Women's Hospital, Boston, MA 2005

Sponsored Research:

CURRENT:

1. Principal Investigator: "Ventricular Dynamics from Surgically Inserted Markers", NIH 5 R01 HL 29589 (2003-2008) $3,079,341 (direct costs).

2. Principal Investigator: "Chronic Ischemic Mitral Regurgitation: Failure of a Mitral Control System?" , NIH 1 RO1 HL-67025-05-11 (2006-2011), $ 2,152,860 (direct costs).

PENDING:

1. none

PREVIOUS:

1) Principal Investigator: "Ventricular Dynamics from Surgically Inserted Markers", NIH 5 R01 HL 29589 (1999-2003) $1,854,904 (direct costs).
2) Principal Investigator: "Chronic ischemic MR-- Mechanisms & novel surgical therapy" , NIH 1 RO1 HL-67025 (2001-2006), $1,000,000 (direct costs).

3) Principal Investigator: "Ventricular Dynamics from Surgically Inserted Markers", NIH 5 R01 HL 29589 (1996-1999) $1,179,868 (direct costs).
4) Co-Principal Investigator (5% effort): "Left Ventricular Suction and its Mechanical Correlates", NIH 1 RO1 HL48837, (1992-1997), PI= N. B. Ingels, $1,103,904.
5) Principal Investigator: "Ventricular Dynamics from Surgically Inserted Markers", NIH 5 R01 HL 29589 (1990-1995) $1,428,306.
6) Principal Investigator: "Surgery for Mitral Regurgitation- Timing, Effectiveness, and Mechanisms", VA Merit Review Grant (1991-1996) $1,220,062.
7) Co-Investigator: "Torsional recoil: A mechanism for early diastolic LV suction", AHA Grant-in-Aid, (1991-1993), PI= N. B. Ingels, Jr., $114,471.
8) Co-Investigator: "Plaque characterization using magnetic resonance", NIH 1 RO1 HL46523, (1993-1996), PI= R. J. Herfkens, $472,092.
9) Co-Investigator (5% effort): "Noninvasive Myocardial Motion Analysis with MRI", NIH 1 RO1 HL 46347 (2/1/92 - 1/31/95), PI= N. J. Pelc, $766,529.
10) Principal Investigator: "Cardiovascular Surgical Studies of OMEGA-3 Fatty Acids", NIH 1 RO1 HL37499 (1986-1991) $632,546.
11) Principal Investigator: "Cardiovascular Surgical Studies of Platelet-Mediated Endothelial Injury", VA Merit Review Grant (1986-1991) $626,000.
12) Principal Investigator: "Ventricular Dynamics from Surgically Inserted Markers", NIH 4 R01 HL 29589 (1986-1990) $2,085,407.
13) Principal Investigator: Supplement to "Ventricular Dynamics from Surgically Inserted Markers", NIH 3 RO1 HL29589-05S1 (1987-1990) $313,358.
14) Principal Investigator: "Ventricular Dynamics from Surgically Inserted Markers", NIH 2 R01 HL 29589 (1983- 1986) $506,000.
15) Principal Investigator: Supplement to "Ventricular Dynamics from Surgically Inserted Markers", NIH 3 R01 HL 29589-02S1 (1984-1985) $70,825.
16) Principal Investigator: Studies of prostaglandins and smooth muscle cell mitogenesis Searle Family Foundation Grant. (1979-1982) $100,000.
17) Principal Investigator: "Cardiovascular Surgical Studies of Platelet-Mediated Intimal Injury", VA Merit Review Grant (1982-86) $270,000.
18) Co-Principal Investigator: "Medical vs. Surgical Treatment of Unstable Angina Pectoris", VA Co-Op Studies Project #28 PI= H. N. Hultgren (1978-1984) $250,000.
19) Co-Principal Investigator: "Medical vs. Surgical Treatment of Chronic Stable Angina Pectoris", VA Co-Operative Studies Project #4, PI= H. N. Hultgren (1978-1985) $400,000.
20) Co-Investigator: "Effects of PGI_2 during Cardiopulmonary Bypass on Platelet Secretory Function and Psychological and Neurological Impairment, Upjohn Pharmaceuticals Company, PI= K. Fish (1982-1985) $250,000.
21) Principal Investigator: "Myocardial Wound Healing", AHA Grant-In-Aid (Calif. Affiliate), (1980-1981) $10,700.
22) Principal Investigator: "Further Studies on Myocardial Wound Healing", AHA Grant-In-Aid (Calif. Affiliate), (1981-1982) $20,000.
23) Co-Investigator: "Determination of Flow Dynamics in Experimental Aortic Dissection using Dynamic CT Scanning" American Heart Association grant, PI= D. Guthaner, (1981-1983) $55,000.
24) Consultant: "Plaque Characterization using Magnetic Resonance", PI= A. Macovski, NIH 1 RO1 HL34962 (1985-1988) $266,000.
25) Principal Investigator: VA Coop Studies Project #90, "Prognosis and Outcome Following Heart Valve Replacement (non-Biological *vs.* Tissue") (1979-1992), VA Coop Studies Program PI= K. E. Hammermeister, $127,000.(for 1979-1985).
26) Co-Investigator (5% effort): "Volumetric analysis of the aorta and its branches" NIH 1 RO1 HL 58915-A2 (1998-2002), PI= G. D. Rubin, $971,318 (direct costs).

Community Affairs:

Board of Directors, Santa Clara County Chapter, American Heart Association, 1980 - 1982
Ethics Committee, Santa Clara County Medical Society, 1980 - 1982
Research Committee, Santa Clara County Chapter, American Heart Association, 1981 - 1983

University Affairs:

Dean's *ad hoc* Committee on Diagnostic Ultrasound Doppler Vascular Laboratories, 1980
Stanford University Medical School Admissions Committee Panel, 1981 - 1982
Dean's Committee, Palo Alto V.A. Medical Center, 1980 - 1988
Board of Governors, Stanford University Medical School Alumni Association, 1983 - 1989
Dean's *ad hoc* Committee on NMR Spectroscopy and Imaging, 1985
Trauma Service Committee (Cardiac and Peripheral Vascular Surgery), 1985
Faculty Practice Plan, Strategic Planning & Marketing Committee and Executive Steering Subcommittee 1987-1992
Faculty Practice Plan, Board of Directors (Member at Large), 1989-1990
Faculty Practice Plan, Financial Executive Committee, 1992-1993
Medical School Search Committee, Chairman of Diagnostic Radiology and Nuclear Medicine, 1987-1988
Program Director, Peripheral Vascular Surgery Residency, Stanford University Medical Center, 1985-1993
Stanford University Medical School Search Committee, Chairman of Anesthesiology 1997-1998

National Affairs:

United States Thoracic Surgical Residency Directors Association *ad hoc* In-Training Examination Committee, 1981
Co-Chairman, External Review Committee on Cardiac Surgery at U.C. Davis Medical Center, 1981 - 1983
Executive Committee, **AHA** Council on Cardiovascular Surgery, 1985-1997
AMERICAN HEART ASSOCIATION: *OPTIMAL RESOURCES FOR VASCULAR SURGERY* Committee (1985-89)
AMERICAN COLLEGE OF SURGEONS Cardiovascular Surgery Committee 1986-88; (Executive Committee: 1987-88)
AATS/STS *Ad hoc* Committee "Standards for reporting and analyzing clinical valve performance" 1987-1996
Scientific Abstract Review Committee, **AMERICAN COLLEGE OF CARDIOLOGY**: 1986, 1990
Publications Committee, **THE SOCIETY OF UNIVERSITY SURGEONS**: 1982-1985
Program Committee, **INTERNATIONAL SOCIETY FOR CARDIOVASCULAR SURGERY**: 1984-1987
Program Committee, **THE WESTERN THORACIC SURGICAL ASSOCIATION**: 1983-1988; CHAIRMAN: 1986-1988
Program Committee, **AMERICAN HEART ASSOCIATION**, CV Surgery Council: 1988-1992; CHAIRMAN: 1989-1992
SECRETARY, **WESTERN THORACIC SURGICAL ASSOCIATION**, 1989-1993
CO-CHAIRMAN, Committee on Scientific Sessions, **AMERICAN HEART ASSOCIATION**, 1992-1993
Guest Editor, **CIRCULATION Supplement:** ***CARDIOVASCULAR SURGERY***, 1990-1992
VICE PRESIDENT, **WESTERN THORACIC SURGICAL ASSOCIATION**, 1993-1994
Peripheral Vascular Disease Committee, **AMERICAN COLLEGE OF CARDIOLOGY**, 1994-1998
VICE CHAIRMAN, **AMERICAN HEART ASSOCIATION CT-V Surgery Council**: 1993-1995
FDA-BJÖRK-SHILEY 60° Convexo-Concave Medical Advisory Committee, 1986-1995
EXECUTIVE COMMITTEE, FDA-BJÖRK-SHILEY 60° C-C Medical Advisory Committee, 1990-1995
CHAIR, Patient Selection Guidelines Committee, Bowling-Pfizer Settlement, B-S C-C Valves, 1995
CHAIRMAN, **AMERICAN HEART ASSOCIATION CT-V Surgery Council**: 1995-1997
PRESIDENT, **WESTERN THORACIC SURGICAL ASSOCIATION**, 1994-1995
Professional Advisory Board, **NATIONAL MARFAN FOUNDATION**, 2002- 2005
Council, **AMERICAN ASSOCIATION FOR THORACIC SURGERY**, 2003-2007
President, **AMERICAN ASSOCIATION FOR THORACIC SURGERY, 2007-2008**

Service on NIH or VA Study Sections:

NHLBI SURGERY, ANESTHESIA, and TRAUMA STUDY SECTION: 1992 - 1996
NHLBI SURGERY AND BIOENGINEERING STUDY SECTION, *ad hoc* Special Reviewer: 1985, 1988, 1990
Chairman, **VA RESEARCH MERIT REVIEW BOARD FOR SURGERY**: 1990 - 1991
VA RESEARCH MERIT REVIEW BOARD FOR SURGERY: 1988 - 1991

Editorial Board Responsibilities

Associate Editor (Acquired Heart Disease), *THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*, 1998 - 2007
Editorial Board, *CIRCULATION*, 1991 - 1993
Editorial Board, *THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*, 1984 - 1991
Editorial Board, *JOURNAL OF HEART VALVE DISEASE*, 1992 - current

Editorial Board, *HEART AND VESSELS*, 1998 - current
Editorial Board, *ACTUALIZACIÓNES TERAPÉUTICAS EN CARDIOLOGÍA* (MADRID), 1989 – 1994
Editorial Board, *JOURNAL OF CARDIAC SURGERY*, 1985 - 1995
Editorial Board, *JOURNAL OF SURGICAL RESEARCH*, 1990 - 1994
Editorial Board, *CARDIAC CHRONICLE*, 1985 - 1993
ad hoc Referee: *CIRCULATION, JOURNAL OF CLINICAL INVESTIGATION, NEW ENGLAND JOURNAL OF MEDICINE, AMERICAN JOURNAL OF PHYSIOLOGY, THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, ANNALS OF THORACIC SURGERY, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, AMERICAN HEART JOURNAL*

International Affairs:

Sociedad Española de Cirugía Cardiovascular (Spain)
Sociedad de Cardiocirujanos (Spain)
Sociedad Colombiana de Cirugía (Colombia)
Sociedad Chilena de Cardiología y Cirugía Cardiovasculár (Chile)
The Cardiac Society of Australia and New Zealand
European Association for Cardio-Thoracic Surgery

PUBLICATIONS

1. Treytl WJ, Marich KW, Orenberg JB, Carr PW, **MILLER DC**, Glick D: Effect of atmosphere on spectral emission from plasmas generated by the laser microprobe. ANALYTICAL CHEM 43: 1452-1456, 1971.

2. **MILLER DC**, Cannom DS, Fogarty TJ, Schroeder JS, Daily PO, Harrison DC: Saphenous vein coronary artery bypass in patients with "preinfarction angina". CIRCULATION 47: 234-241, 1973.

3. Graham AJ, **MILLER DC**, Stinson EB, Daily PO, Fogarty TJ, Harrison DC: Surgical treatment of refractory life-threatening ventricular arrhythmias. AM J CARDIOL 32: 909-912, 1973.

4. Cannom DS, **MILLER DC**, Shumway NE, Fogarty TJ, Daily PO, Hu M, Harrison DC: The long-term follow-up of patients undergoing saphenous vein bypass surgery. CIRCULATION 49: 77-85, 1974.

5. Berndt TB, **MILLER DC**, Silverman JF, Stinson EB, Harrison DC, Schroeder JS: Coronary bypass surgery for unstable angina pectoris- Clinical follow-up and results of postoperative treadmill electrocardiograms. AM J MED 58: 171-176, 1975.

6. Tecklenberg PL, Alderman EL, **MILLER DC**, Shumway NE, Harrison DC: Changes in survival and symptom relief in a longitudinal study of patients after bypass surgery. CIRCULATION 52 (Suppl I): I-98-104, 1975.

7. **MILLER DC**: The "ideal" prosthesis in the aortocoronary position: Prosthetic and bioprosthetic coronary artery bypass grafts in calves- Experimental results. In *VASCULAR GRAFTS*, Sawyer PN and Kaplitt MJ (*eds*.), Appleton-Century-Crofts, New York, 1978, pp 404-412.

8. **MILLER DC**, Griepp RB, Oyer PE, Stinson EB, Shumway NE: Initial clinical performance and histopathological evaluation of a new porous double velour knitted Dacron prosthesis. Presented at the European Society of Cardiovascular Surgery, Tel Aviv, Israel, June 1977; published by Meadox Medicals Educational Foundation, Oakland, NJ, 1978.

9. **MILLER DC** and Griepp RB: A modern view of the surgical treatment of peripheral arterial disease. JAMA 240: 1524-1527, 1978.

10. **MILLER DC**, Ricks W, Oyer PE, Cipriano PR, Shumway NE: Localized tamponade of the right atrium and right ventricle: Induction of intracardiac right-to-left shunting after the use of a Gott shunt. ARCH SURG 113: 764-766, 1978.

11. **MILLER DC**, Walter JP, Guthaner DF, Mark JBD: Recurrent mediastinal bronchogenic cyst: Cause of bronchial obstruction and compression of superior vena cava and pulmonary artery. CHEST 74: 218-220, 1978.

12. **MILLER DC**, Schapira JN, Stinson EB, Shumway NE: Left ventricular-coronary sinus fistula following repeated mitral valve replacements. J THORAC CARDIOVASC SURG 76: 43-45, 1978.

13. Rossiter SJ, Stinson EB, Oyer PE, **MILLER DC**, Schapira JN, Martin RP, Shumway NE: Prosthetic valve endocarditis: Comparison of heterograft tissue valves and mechanical valves. J THORAC CARDIOVASC SURG 76: 795-803, 1978.

14. **MILLER DC**, Stinson EB, Rossiter SJ, Oyer PE, Reitz BA, Shumway NE: Impact of simultaneous myocardial revascularization on operative risk, functional result, and survival following mitral valve replacement. SURGERY 84: 848-857, 1978.

15. Rossiter SJ, **MILLER DC**, Churg AM, Carrington CB, Mark JBD: Open lung biopsy in the immunosuppressed patient: Is it really beneficial? J THORAC CARDIOVASC SURG 77: 338-345, 1979.

16. **MILLER DC**, Stinson EB, Oyer PE, Rossiter SJ, Reitz BA, Shumway NE: Surgical Implications and results of combined aortic valve replacement and myocardial revascularization. AM J CARDIOL 43: 494-501, 1979.

17. Rossiter SJ, **MILLER DC**, Raney AA, Oyer PE, Reitz BA, Stinson EB, Shumway NE: Hepatitis risk in cardiac surgery patients receiving factor IX concentrates. J THORAC CARDIOVASC SURG 78: 203-207, 1979.

18. **MILLER DC**, Rossiter SJ, Stinson EB, Oyer PE, Reitz BA, Shumway NE: Late right heart reconstruction following repair of tetralogy of Fallot. ANN THORAC SURG 28: 239-251, 1979.

19. **MILLER DC**, Stinson EB, Oyer PE, Rossiter SJ, Reitz BA, Griepp RB, Shumway NE: Operative treatment of aortic dissections: Experience with 125 patients over a 16 year period. J THORAC CARDIOVASC SURG 78: 365-382, 1979.

20. Oyer PE, Stinson EB, Reitz BA, **MILLER DC**, Rossiter SJ, Shumway NE: Long-term evaluation of the porcine xenograft bioprosthesis. J THORAC CARDIOVASC SURG 78: 343-350, 1979.

21. Guthaner DF, **MILLER DC**, Silverman JF, Stinson EB, Wexler L: Fate of the false lumen following surgical repair of aortic dissections: An angiographic study. RADIOLOGY 133: 1-3, 1979.

22. Rossiter SJ, **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Shumway NE: Aortic and mitral prosthetic reoperations: Early and late results. ARCH SURG 114: 1279-1283, 1979.

23. Oyer PE, Stinson EB, Rossiter SJ, **MILLER DC**, Reitz BA, Shumway NE: Extended experience with the Hancock bioprosthesis. In *BIOPROSTHETIC CARDIAC VALVES*, Sebening F, Klovekorn WP, Meisner H and Struck H (*eds*.), Deutsches Hertzentrum, Munich, FDR, 1979, pp 47-59.

24. **MILLER DC**, Oyer PE, Rossiter SJ, Stinson EB, Reitz BA, Shumway NE: Long-term durability and functional characteristics of the Hancock porcine xenograft bioprosthesis: Experience with 1,285 patients over a seven year span. In *PROSTHETIC HEART VALVES* (Proceedings, 1979 Prosthetic Heart Valve Symposium), Yoganathan AP, Harrison EC, Corcoran WH (*eds*.), 1980, pp 249-267.

25. **MILLER DC**, Rossiter SJ, Stinson EB, Oyer PE, Moreno-Cabral RJ, Reitz BA, Shumway NE: Concomitant resection of ascending aortic aneurysm and replacement of the aortic valve- Operative and long-term results using conventional techniques in ninety patients. J THORAC CARDIOVASC SURG 79: 388-401, 1980.

26. Moreno-Cabral RJ, **MILLER DC**, Oyer PE, Stinson EB, Reitz BA, Shumway NE: A surgical approach for *s,l,l* single ventricle incorporating total right atrium-pulmonary artery diversion. J THORAC CARDIOVASC SURG 79: 202-210, 1980.

27. Rossiter SJ, **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Moreno-Cabral RJ, Mace JG, Robert EB, Tsagaris TJ, Sutton RB, Alderman EL, Shumway NE: Hemodynamic and clinical comparison of the Hancock modified orifice and standard orifice bioprostheses in the aortic position. J THORAC CARDIOVASC SURG 80: 54-60, 1980.

28. Enzmann DR, **MILLER DC**, Olcott C, Mehigan JT: Carotid back pressures in conjunction with cerebral angiography. RADIOLOGY 134: 415-419, 1980.

29. **MILLER DC**, Stinson EB, Shumway NE: Realistic Expectations of surgical treatment of aortic dissections: The Stanford experience. WORLD J SURG 4: 571-581, 1980.

30. **MILLER DC**, Oyer PE, Stinson EB, Derby GC, Reitz BA, Shumway NE: Postoperative enhancement of left ventricular performance by combined inotropic vasodilator therapy with preload control. SURGERY 88: 108-117, 1980.

31. Oyer PE, **MILLER DC**, Stinson EB, Reitz BA, Moreno-Cabral RJ, Shumway NE: Clinical durability of the Hancock porcine bioprosthetic valve. J THORAC CARDIOVASC SURG 80: 824-833, 1980.

32. **MILLER DC**, Moreno-Cabral RJ, Stinson EB, Shinn JA, Shumway NE: Pulmonary artery balloon counterpulsation for acute right ventricular failure. J THORAC CARDIOVASC SURG 80: 760-763, 1980.

33. 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 14: 197-212, 1980.

34. **MILLER DC**: Diagnosis and management of peripheral vascular disease in the elderly patient. In *MANAGEMENT OF COMMON PROBLEMS IN GERIATRIC MEDICINE*, Ebaugh FG Jr (*ed*.), Addison-Wesley, Reading, Massachusetts, 1981, pp 286-305.

35. Gaudiani VA, **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Moreno-Cabral RJ, Shumway NE: Post-infarction ventricular septal defect: An argument for early operation. SURGERY 89: 48-55, 1981.

36. **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Jamieson SW, Moreno-Cabral RJ, Shumway NE: Long-term clinical assessment of the efficacy of adjunctive coronary endarterectomy. J THORAC CARDIOVASC SURG 81: 21-29, 1981.

37. Downing TP, **MILLER DC**, Stinson EB, Burton NA, Oyer PE, Reitz BA, Jamieson SW, Shumway NE: Therapeutic efficacy of intra-aortic balloon pump counterpulsation- Analysis with concurrent "control" subjects. CIRCULATION 64 (Suppl II): II-108-113, 1981.

38. **MILLER DC**, Stinson EB, Alderman EL: Surgical treatment of ischemic cardiomyopathy - Is it ever too late? AM J SURGERY 141: 688-693, 1981.

39. **MILLER DC** and Stinson EB: Surgical management of acute mechanical defects secondary to myocardial infarction. AM J SURGERY 141: 677-683, 1981.

40. Fowles RF, **MILLER DC**, Egbert BM, Fitzgerald JW, Popp RL: Systemic embolization from a mitral valve papillary endocardial fibroma detected by two-dimensional echocardiography. AM HEART J 102: 128-130, 1981.

41. Bostwick DG, Bensch KB, Burke JS, Billingham ME, **MILLER DC**, Smith JC, Keren DF: Whipple's disease presenting as aortic insufficiency. NEW ENGL J MED 305: 995-998, 1981.

42. Guthaner DF, Brody WR, **MILLER DC**: Aortography in patients following aortic dissection repair. AM J ROENTGENOLOGY 137: 1019-1022, 1981.

43. Rubensen DS, Fowles RF, **MILLER DC**, Guthaner DF, Popp RL: Spontaneous dissection of the ascending aorta diagnosed by two-dimensional echocardiography. CHEST 80: 587-591, 1981.

44. **MILLER DC**, and Roon AJ (*eds*.): *DIAGNOSIS AND MANAGEMENT OF PERIPHERAL VASCULAR DISEASE*. Addison-Wesley, Reading, Massachusetts, 1982.

45. **MILLER DC** and Stinson EB: Diagnosis and management of aortic dissections. In *DIAGNOSIS AND MANAGEMENT OF PERIPHERAL VASCULAR DISEASE*, MILLER DC and Roon AJ (*eds*.), Addison-Wesley, Reading, Massachusetts, 1982, pp 179-198.

46. **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Jamieson SW, Baumgartner WA, Shumway NE: Surgical treatment of thoracic aortic aneurysms at Stanford University: 1964-1981. In *PROCEEDINGS OF THE BEIJING SYMPOSIUM ON CARDIOTHORACIC SURGERY*, Brewer LA *et al.* (*eds*.), China Academic Publishers, Beijing, and John Wiley & Sons, New York, 1982, pp. 1-26.

47. **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Jamieson SW, Baumgartner WA, Shumway NE: Thoracic aortic dissections. In *PROCEEDINGS OF THE BEIJING SYMPOSIUM ON CARDIOTHORACIC SURGERY*, Brewer LA *et al.* (*eds*.), China Academic Publishers, Beijing, and John Wiley & Sons, New York, 1982, pp. 27-55.

48. **MILLER DC**, Stinson EB, Oyer PE, Reitz BA, Jamieson SW, Baumgartner WA, and Shumway NE: Heart and heart and lung transplantation. In *PROCEEDINGS OF THE BEIJING SYMPOSIUM ON CARDIOTHORACIC SURGERY*, Brewer LA *et al.* (*eds*.), China Academic Publishers, Beijing, and John Wiley & Sons, New York, 1982, pp. 351-376.

49. Brody WR, Enzmann DR, **MILLER DC**, Guthaner DF, Hall A, Pek N, Lehman L, Alvarez R, Macovski A: Intravenous arteriography using digital subtraction techniques. JAMA: 248: 671-674, 1982.

50. **MILLER DC**, Stinson EB, Billingham ME, Pitlick PT, Oyer PE, Reitz BA, Jamieson SW, Baumgartner WA, Shumway NE: Durability of porcine xenograft valves and conduits in children. CIRCULATION, 66 (Suppl I):I-172-185, 1982.

51. Rubensen DS, Tucker CR, London EJ, **MILLER DC**, Stinson EB, Popp RL: Two-dimensional echocardiographic analysis of segmental left ventricular wall motion before and after coronary artery bypass surgery. CIRCULATION, 66: 1025-1033, 1982.

52. Gaudiani VA, **MILLER DC**, Goodson WH, Billingham M, Reitz BA, Stinson EB, Shumway NE: Collagen synthesis and wound repair after myocardial incision. SURG FORUM, 33: 56-58, 1982.

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