

**Curriculum Vitae**  
**The Honorable William H. Frist, M.D.**  
(last updated 5/25/04)

**Personal:**

Date of Birth: February 22, 1952  
Place of Birth: Nashville, Tennessee  
Marital Status: Married, three children

Professional Address: Office of the Majority Leader  
The Capitol  
S-230  
Washington, DC 20510

Tel: 202-224-3135  
Fax: 202-228-1264  
<http://frist.senate.gov>

Office of Senator William H. Frist, M.D.  
461 Dirksen Senate Office Building  
Washington, DC 20510

Tel: 202-224-3344  
Fax: 202-228-1264  
<http://frist.senate.gov>

**Current Position:**

United States Senator, Tennessee (Elected 11/08/94; Reelected 11/07/00)  
United States Senate Majority Leader - 108<sup>th</sup> Congress (Elected 12/23/02)

**Current Committee Assignments:**

Committee on Finance  
Committee on Health, Education, Labor and Pensions  
Committee on Rules and Administration

**Past Committee Assignments:**

Committee on Banking, Housing and Urban Affairs (104<sup>th</sup> Congress)  
Committee on Labor and Human Resources  
    Chairman, Subcommittee on Disability Policy (104<sup>th</sup> Congress)  
Committee on Commerce, Science and Transportation (105<sup>th</sup> -106<sup>th</sup> Congress)  
    Chairman, Subcommittee on Science, Technology and Space  
Committee on Foreign Relations  
    Ranking Member, Subcommittee on African Affairs  
Committee on Small Business

Committee on the Budget

Chairman, Budget Committee Task Force on Education (105<sup>th</sup> Congress)

Committee on Health, Education, Labor and Pensions

Ranking Member, Subcommittee on Public Health and Safety (107<sup>th</sup> Congress)

**Additional Initiatives and Special Assignments:**

Senate Chaplain Search Committee, 108<sup>th</sup> Congress

Republican Deputy Whip, 106<sup>th</sup> Congress

Founder and Co-Chairman, Science and Technology Caucus

Co-Chairman, The Congressional Heart and Stroke Coalition

Co-Chairman, High Tech Outreach Team

Co-Chairman, The Forum on Technology and Innovation (1997-present)

Vice Chairman, Alliance for Health Care Reform (1997-present)

Member, National Bipartisan Committee on the Future of Medicare (1998-1999)

Chairman, Senate Republican Medicare Working Group (08/95-10/96)

Congressional Delegate to the United Nations General Assembly (2001)

Congressional Delegate to the North Atlantic Treaty Organization Summit (November, 2002)

**Political Positions:**

United States House of Representatives

Intern, Congressman Joe L. Evins, Tennessee (1972)

State of Tennessee

Chairman, Governor's Medicaid Task Force (1992-93)

Republican National Committee

Health Care Coalition's National Steering Committee, Bush-Quayle '92

Tennessee Bush-Quayle Campaign (1992)

Deputy Director

Tennessee Republican Party

Unity Forum (1993-present)

Victory '96, Chairman

United States Senator, Tennessee (Elected 11/84/94; Re-elected 11/07/00)

Republican Platform Committee

Co-Chair, 2000 Republican National Convention

U.S. Senate Liaison, George W. Bush for President Committee (2000)

National Republican Senatorial Committee (2000-2002)

Chairman

**Professional Experience:**

1986-1993 Vanderbilt University Medical Center

Surgical Director, Vanderbilt Multi-Organ Transplant Center

Director, Heart and Heart-Lung Transplantation Program

1986-1993 Vanderbilt University School of Medicine  
Assistant Professor of Surgery  
Department of Cardiac and Thoracic Surgery

1986-1993 Nashville Veterans Administration Hospital  
Staff Surgeon, Cardiothoracic Surgery

**Education:**

1978 M.D. Harvard Medical School, Boston, Massachusetts (Honors)

1974 A.B. Princeton University, Princeton, New Jersey  
Major: Woodrow Wilson School of Public and International Affairs

**Postdoctoral Training:**

1985-1986 Senior Fellow and Chief Resident  
Cardiac Transplant Service and Cardiovascular Surgery  
Stanford University School of Medicine

1984 Chief Resident and Fellow In Cardiothoracic Surgery  
Massachusetts General Hospital

1983 Senior Registrar in Cardiothoracic Surgery  
Southampton General Hospital  
Southampton, England

1978-1983 First - Fifth Years Resident In Surgery  
Massachusetts General Hospital

**Research Training Experience:**

1983 Research Fellow in Surgery  
Massachusetts General Hospital

1977-1978 Cardiovascular Physiology  
Laboratory, W. John Powell, Jr., M.D.  
Cardiac Unit  
Massachusetts General Hospital

**Licensure:**

1981 Massachusetts (47299)

1985-1987 California (G565591)

1986 Tennessee (017379)

1995 District of Columbia (32572)

**Specialty Boards:**

- Diplomate of the National Board of Medical Examiners (194061)
- Diplomate of American Board of Surgery (35050)
- Diplomate of American Board of Thoracic Surgery (5343)

**Honorary Degrees**

- |      |                                  |                                                 |
|------|----------------------------------|-------------------------------------------------|
| 1999 | Honorary Doctorate of Medicine   | Meharry Medical College, Nashville, Tennessee   |
| 1999 | Honorary Doctorate of Civil Laws | Rhodes College, Memphis, Tennessee              |
| 2001 | Honorary Doctorate of Laws       | Maryville College, Maryville, Tennessee         |
| 2003 | Honorary Doctorate of Medicine   | Morehouse College of Medicine, Atlanta, Georgia |
| 2004 | Honorary Doctorate of Laws       | Fisk University, Nashville, Tennessee           |
| 2004 | Honorary Doctorate of Laws       | Howard University, Washington, D.C.             |

**Awards and Honors**

- 1970 William Martin Award for best all around boy in the school  
Montgomery Bell Academy, Nashville, Tennessee
- 1970 John B. Hayes Award for excellence in the American Constitution  
Montgomery Bell Academy, Nashville, Tennessee
- 1970 The Civitan Award for Senior Class Citizenship  
Montgomery Bell Academy, Nashville, Tennessee
- 1970 Thomas H. Malone, Jr., Award for excellence in English composition  
Montgomery Bell Academy, Nashville, Tennessee
- 1970 Henry A. Fitz Award for journalism  
Montgomery Bell Academy, Nashville, Tennessee
- 1973 The William Dubose Sheldon Memorial Prize Scholarship
- 1974 Woodrow Wilson Scholar  
Woodrow Wilson School of Public and International Affairs  
Princeton University, Princeton, New Jersey
- 1974 Harold Willis Dodds Achievement Award  
Princeton University, Princeton, New Jersey
- 1978 First Place, Awards Competition  
American Heart Association, Texas Affiliate
- 1978 Mead Johnson Excellence in Research Award  
National Student Research Forum
- 1978 M.D. with Honors  
Harvard Medical School
- 1986 President's Award for the Best Scientific Paper  
Southern Thoracic Surgical Association 33rd Annual Meeting
- 1992 President's Award for the Best Scientific Paper  
Southern Thoracic Surgical Association 39th Annual Meeting
- 1992 Distinguished Service Award  
Tennessee Medical Association
- 1992 President's Award for Volunteer Service  
National Kidney Foundation of Middle Tennessee

- 1993 Distinguished Alumnus Award  
Montgomery Bell Academy, Nashville, Tennessee
- 1995 Leadership Award  
Nashville Academy of Medicine & Davidson County Medical Society
- 1995 Outstanding New Member Award  
Committee for Education Funding
- 1995 Certificate of Recognition  
American Red Cross, National Capital Chapter
- 1995 Lifesaver Citation  
Woodmen of the World, Blount County, Tennessee
- 1996 Nashville Hero Award  
American Red Cross, Nashville Area Chapter
- 1997 National Public Service Award  
American Heart Association
- 1997 Congressional Initiatives Award  
American Horticultural Industry Council of the American Horticultural Therapy Association
- 1997 The Joseph F. Boyle, M.D., Award For Distinguished Public Service  
American Society of Internal Medicine
- 1998 The American Chemical Society Public Service Award
- 1998 The National Association of Geriatric Education Centers Award
- 1999 1999 Good Guys Award  
Nashville Women's Political Caucus
- 1999 Science Coalition Champion of Science Award
- 1999 1999 Hero of the Taxpayer Award  
Americans for Tax Reform
- 2000 Commitment to Parks and Recreation on a National Level Award  
The Tennessee Recreation and Parks Association
- 2000 2000 Award for Support of Science  
Council of Scientific Society Presidents
- 2000 Certificate of Merit  
(for the preservation of the historical and architectural heritage of Tennessee)  
The Tennessee Historical Commission
- 2000 Special Recognition Award for Outstanding Commitment to Local Governance of Education, National School Board Association
- 2000 First Annual Public Policy Leadership Award  
American Society of Transplantation
- 2000 Legislative Recognition Award  
American Ambulance Association
- 2000 Certificate of Merit  
The Tennessee Historical Commission
- 2000 2000 Award for Support of Science  
Council of Scientific Society Presidents
- 2000 The George E. Brown, Jr., Science-Engineering-Technology Leadership Award

- Science-Engineering-Technology Work Group and  
The Coalition for Technology Partnerships
- 2000 Spirit of Enterprise Award  
U.S. Chamber of Commerce
- 2000 Outstanding Commitment to Local Governance of Education  
"Special Recognition Award"  
National School Board Association
- 2000 Congressional Champion Award  
Rotary International
- 2000 American Institute for Public Service Jefferson Award  
American Institute for Public Service
- 2000 2000 Hero of the Taxpayer Award  
Americans for Tax Reform
- 2000 Year of the Senior Award  
The 60-Plus Association
- 2000 Champion of the Small Business Community  
The Small Business Survival Committee
- 2000 Guardian of Small Business Award  
National Federation of Independent Business
- 2000 Legislator of the Year  
Biotechnology Industry Association
- 2000 Jefferson Award  
Citizens for a Sound Economy
- 2000 The William V. Corr Award  
The Tennessee Primary Care Association
- 2000 Senior Legislative Achievement Award  
The Seniors Coalition
- 2000 2000 SEDC Legislative Honor Roll Award  
Southern Economic Development Council
- 2000 Service Award for Defending America's Flag  
The Citizens Flag Alliance
- 2001 Guardian of Small Business Award  
National Federation of Independent Business
- 2001 Spirit of Enterprise Award  
U.S. Chamber of Commerce
- 2001 Public Service Award  
National Association of County and City Health Officials
- 2001 Public Service Award  
Association of Air Medical Services
- 2001 Silvio Conte Award for Public Awareness and Education  
Brain Injury Association
- 2001 Distinguished Community Health Champion Award  
National Association of Community Health Centers
- 2001 Golden Plate Award  
American Academy of Achievement

- 2001 Congressional Service Award  
InterAction American Council for Voluntary International Action
- 2001 Eagle Award  
Tennessee Associated Builders and Contractors
- 2001 Honor Roll of Legislative Achievement in Economic Development Award  
Southern Economic Development Council
- 2001 Special Recognition for Service of Veterans and Veterans Programs  
Disabled American Veterans
- 2001 Hero of the Taxpayer Award  
Americans for Tax Reform
- 2002 Pioneer Award for E-Mail Constituent Care  
EchoMail
- 2002 Publius Award for Distinguished Leadership  
The Center for the Study of the Presidency
- 2002 Honor Award  
Oncology Nursing Society
- 2002 TechNet Founders Circle Award  
TechNet
- 2002 Tax Fighter Award  
The National Tax-Limitation Committee
- 2002 Outstanding Contribution Award  
The North American Transplant Coordinators Organization
- 2002 Hero of the Taxpayer Award  
Americans for Tax Reform
- 2002 Board of Directors Award  
Healthcare Financial Management Association
- 2002 Extraordinary Leadership Award  
Partnership for Community Safety
- 2002 Guardian of Small Business Award  
National Federation of Independent Business
- 2002 Honor Award  
American Society of Anesthesiologists
- 2002 True Blue Award  
Family Research Council
- 2002 Leadership Award  
National Presbyterian Church
- 2002 National Leadership Award  
AIDS Action
- 2002 Excellence in Immunization Award  
National Partnership for Immunization
- 2002 Telly Award for "They've Served Him Well"  
Given to Stevens Reed Curccio & Co./ Frist for Senate
- 2003 Legislative Achievement Award  
American College of Nurse Practitioners
- 2003 Spirit of Enterprise Award

- U. S. Chamber of Commerce
- 2003 Order of Sisserou  
Commonwealth of Dominica
- 2003 James Madison Award  
American Whig-Clisophic Society
- 2003 Woodrow Wilson Award  
Princeton University
- 2003 Freedom Award  
International Republican Institute
- 2003 Congressional Organ Transplantation Public Policy Leadership Award  
American Society of Transplantation
- 2003 Leadership Award  
American Heart Association
- 2003 Distinguished Community Health Champion Award  
National Association of Community Health Centers, Inc.
- 2003 Heroes Award  
Court TV
- 2003 Congressional Champion Award  
YMCA
- 2003 Duggan Award  
Institute of International Education
- 2003 Award of Appreciation  
Omega Omicron Chapter and the Tennessee Region of Phi Theta Kappa
- 2003 Chair Award  
Academy Health
- 2003 Horst G. Denk Award  
Independent Bakers Association
- 2003 Medal of Honor Award  
US Oncology
- 2003 Leadership Award  
March of Dimes
- 2003 True Blue Award  
Family Research Council
- 2003 Award for Service in Perinatal Health  
National Perinatal Association
- 2003 Award of Appreciation  
American Urological Association
- 2003 Human Genome Project Award  
Foundation for the National Institutes of Health
- 2004 Champion of Freedom Award  
United Seniors Association
- 2004 Spirit of Enterprise Award  
U. S. Chamber of Commerce
- 2004 Nathan Davis Award  
American Medical Association

- 2004 Public Leadership Award  
Association of Organ Procurement Organizations
- 2004 Hero of the Taxpayer Award  
Americans for Tax Reform
- 2004 Distinguished Leadership Award  
Howard University College of Medicine
- 2004 John Chafee Award for Distinguished Service  
Republican Main Street Partnership
- 2004 Morris K. Udall Public Service Award  
Parkinson's Action Network

**Society Memberships:**

- Alpha Omega Alpha
- American Bronco-Esophagological Association
- American College of Chest Physicians
- American College Of Surgeons
- American Medical Association
- American Society of Transplant Physicians
- American Society of Transplant Surgeons
- Association for Academic Surgery
- Cum Laude Society
- Flying Physicians' Association
- H. William Scott, Jr. Society
- International Society for Heart and Lung Transplantation
- Massachusetts Medical Society
- Nashville Academy of Medicine
- Nashville Cardiovascular Society
- Nashville Surgical Society
- Society of Thoracic Surgeons
- Southeastern Surgical Congress
- Southern Thoracic Surgical Association
- Tennessee Medical Association
- Tennessee Transplant Society
- The Transplantation Society

**Board, Committee and Civic Memberships:**

- Current**
  - American Running Association
    - Honorary Board of Directors (2001 - present)
  - Center for Excellence in Education
    - Honorary Board of Trustees (2001 - present)
  - Center for Strategic & International Studies (CSIS)
    - Advisory Board (2001 - present)
  - Council on Foreign Relations
    - Member (2002 - present)

Harvard Medical School

Co-Chair, Advisory Council for the Department of Health Care Policy (1999 - present)

John F. Kennedy Center for the Performing Arts

Board of Trustees (2003 - present)

Library of Congress Center for Russian Leadership Development

Board of Trustees (2001 - present)

Montgomery Bell Academy, Nashville, Tennessee

Advisory Board

National Endowment for Democracy

Board of Directors (2001 - present)

Open World Leadership Center

Board of Trustees (2003 - present)

Rotary Club of Nashville (1993 - present)

Smithsonian Institution

Board of Regents (1997 - present)

Chairman, Board of Regents Audit and Review Committee (2000 - 2003)

St. Alban's School, Washington, D.C.

Governing Board (2001 - present)

Advisory Board, School for Public Service (2002 - present)

**Past:**

American Heart Association, Middle Tennessee Chapter

Board of Directors (1990-1994)

President-Elect (1989-1990)

President (1991-1992)

Chairman, Medical and Community Programs (1990-1991)

Honorary Chairman, 1996 Heart Gala

American Heart Association, Tennessee Affiliate

Board of Directors (1991-1994)

State Campaign Chairperson (1996)

Honorary Chairman, 1996 Heart Gala

American Lung Association of Tennessee

Board of Directors (1989-1991)

Cumberland Science Museum

Board of Directors (1989-1992)

Ensworth School

Board of Trustees (1992-1994)

Frist Center for the Visual Arts

Board of Directors (2001 - 2002)

Girl Scout Advisory Board, Cumberland Valley Girl Scout Council (1993)

Harvard College

Board of Overseers Committee on University Resources (1993-1994)  
Leadership Nashville (1990-1991)  
Nashville Academy of Medicine  
Delegate to the Tennessee Medical Association House of Delegates,  
(1992-1994)  
Co-Chairman, Medico-Legal Committee (1990-1993)  
The National Cooperative Transplantation Study  
(HCFA/UNOS/Battelle-Seattle Research Center)  
Advisory Committee (1989-1991)  
National Heart Assist Transplant Fund  
Advisory Board (1987-1995)  
National Heart Transplantation Network,  
Blue Cross/Blue Shield Clinical Advisory Panel (1990)  
National Kidney Foundation of Middle Tennessee  
Board of Directors (1990-1993)  
Vice-President (1991-1992)  
Princeton University  
Board of Trustees (1974-1978), (1991-2001)  
Advisory Board, Center for Economic Policy Studies (1995-2001)  
Advisory Committee, University Health Services (1978-1984)  
Smithsonian Museum of Natural History (2001)  
Smithsonian Institution  
Chairman, Board of Regents Audit and Review Committee (2000 - 2003)  
State of Tennessee  
Chairman, Governor's Medicaid Task Force (1992-1993)  
Strategies for Prevention of Disease and Promotion of Health  
(Institute of Medicine, National Academy of Sciences)  
Advisory Committee (1977)  
Tennessee Donor Services, Advisory Board (1986-1994)  
Organ Procurement Committee  
Ethics and Legislative Committee  
Professional Education Committee  
Tennessee Medical Association  
Alternate Delegate (1988-1991)  
Third National Bank (Sun Trust),  
Board of Directors (1990-1994)  
*Transplantation Science*  
Editorial Board (1991 - 1994)  
United Network for Organ Sharing (UNOS)  
Chairman, Communications Committee (1989-1991)  
Vanderbilt University Medical Center  
Tumor Committee (1988-1990)  
Chairman, Executive Committee,

Vanderbilt Transplant Center (1989-1993)  
Medical Center Ethics Committee (1991-1993)  
Committee on Laparoscopy and Laser Use in the Operating Room,  
(1991-1993)  
Operations Improvement Communications Committee (1992)  
Operative Services Value Analysis Committee (1993)  
Veterans Administration Medical Center, Nashville, Tennessee  
Organ and Tissue Donation Committee (1992-1993)  
YMCA Foundation of Metropolitan Nashville  
Board of Trustees (1992-1994)

**Other Activities:**

Aviation: commercial, instrument, and multi-engine ratings

Marathon races:

October 25, 1998	Marine Corps Marathon	Washington, DC
October 24, 1999	Marine Corps Marathon	Washington, DC
November 7, 1999	New York City Marathon	New York, NY
April 29, 2000	Country Music Marathon	Nashville, Tennessee
October 22, 2000	Marine Corps Marathon	Washington, DC
October 28, 2001	Marine Corps Marathon	Washington, DC
November 4, 2001	New York City Marathon	New York, NY
April 27, 2002	Country Music Half-Marathon	Nashville, Tennessee
April 24, 2004	Country Music Half-Marathon	Nashville, Tennessee

**Research Projects:**

NIH # 2S07 RR05424-30 Biomedical Research Science Grant (School of Medicine)  
Title: Use of Positron Emission Tomography to Document Blood Flow and Rejection  
after Heart Transplant Rejection  
Principal Investigator  
Project Period: 09/01/91-11/30/92

American Heart Association, Tennessee Affiliate, New Investigator Award  
Title: Photopheresis for the Treatment of Cardiac Allograft Rejection  
Collaborating Investigator  
Project Period: 07/01/92-06/30/94

The Danzler Bond Ansley Foundation  
"Physiological Exercise Response in Heart Transplant Recipient at 1 Year."

The Fleming Foundation  
"Physiological Exercise Response in Heart Transplant Recipient at 1 Year."  
"Cytomegalovirus Disease After Heart Transplantation: Is Acyclovir Prophylaxis  
Indicated?"

"Clinical Application of the Novacor Left Ventricular Assist System"

Principal Investigator

"Immunosuppressive Effect of Rabbit Anti-thymocyte Serum After Heart or Lung Transplantation"

Principal Investigator

"The Immunogenicity of Routine Vaccines in Immunosuppressed Pediatric Heart Transplant Patients"

Co-Investigator

### Bibliography

#### Books Published:

1. Frist WH. *Transplant: A Heart Surgeons's Account of the Life-and-Death Dramas of the New Medicine*. New York: The Atlantic Monthly Press, 1989; soft cover 1990. Japanese translation. Tokyo: TBS Britannica, Ltd., 1991.
2. Helderman JH, Frist WH. *Grand Rounds in Transplantation*. New York: Chapman & Hall, 1995.
3. Frist WH with Annis, J. Lee Jr. *Tennessee Senators, 1911-2001: Portraits of Leadership in a Century of Change*. Lanham: Madison, 1999.
4. Frist WH. *When Every Moment Counts: What You Need to Know About Bioterrorism from the Senate's Only Doctor*. Lanham: Rowman & Littlefield, 2002.
5. Frist WH with Wilson, Shirley. *"Good People Beget Good People": A Genealogy of the Frist Family*. Lanham: Rowman & Littlefield, 2004.

#### Book Chapters:

1. Frist WH. High technology and higher ethics: The challenge to today's physician. In: *New Frontiers of U.S. Health Policy*. Rutgers University Press, 1986.
2. Frist WH. Perioperative procedures. In: Kofke WA, Levy JH, eds. *Postoperative Critical Care Procedures of the Massachusetts General Hospital*. Boston: Little, Brown and Company, 1986: 99-124.
3. Frist WH, Jamieson S. Heart-Lung transplantation. In: Cerilli GJ, ed. *Organ Transplantation and Replacement*. Philadelphia: JB Lippincott Co., 1987:592-602.
4. Frist WH, Miller DC. Aneurysms of the ascending aorta and transverse aortic arch. In Brest, AN, McGoon DC, eds. *Cardiovascular Clinics. Cardiac Surgery Edition 2*. Philadelphia: F.A. Davis Company, 1987; 17/3:263-87.
5. Stewart JR, Merrill WH, and Frist WH. Oxygen radical scavengers and myocardial preservation during transplantation: Role of xanthine oxidase. In: Simic MG, Taylor KA, Ward JF, von Sonntag C, eds. *Oxygen Radicals in Biology and Medicine*. Plenum Pub. Corp., 1989:957-62.

6. Stewart JR, Frist WH, Merrill WH. Oxygen scavengers in myocardial preservation during transplantation. In: Packer L, Glazer AN, eds. *Methods in Enzymology*. San Diego: Academic Press Inc., 1990 (Vol 186): 742-8.
7. Meyerowitz BE, Vasterling J, Muirhead J, Frist W. Quality of life and coping in heart transplant recipients. In: Wilnee A, Rodewald G, eds. *Impact of cardiac surgery on the quality of life: Neurological and psychological aspects*. New York: Plenum Publishing, 1991:471-81.
8. Frist WH. Perioperative procedures. In: Hoffman WJ, Wasnick JD, Kofke WA, Levy JH, eds. *Postoperative Critical Care Procedures of the Massachusetts General Hospital*. Boston: Little, Brown and Company, 1992: 469-90.
9. Frist WH, Duncavage, JA, Ossoff RH. Management of tracheal neoplasms. In: Gates GA, ed. *Current Therapy in Otolaryngology-Head and Neck Surgery*, Fifth Edition. St. Louis: Mosby-Year Book Inc, 1993:305-308.
10. Hoff SJ, Kambam J, Frist WH. Heart transplantation in infants and children. In: Kambam J, ed. *Cardiac Anesthesia For Infants and Children*. St Louis: Mosby-Year Book, 1994:333-353.
11. Muirhead J, Frist WH. Heart transplantation after the modified Fontan Repair. In: Helderman JH, Frist WH, ed. *Grand Rounds in Transplantation*. New York:Chapman and Hall, 1995:83-90.
12. Zhao XM, Frist WH. Soluble circulating intercellular adhesion molecule-1 (cICAM-1) in heart transplant patient serum as an indicator of rejections: correlation to biopsy and rejection. In: Helderman HJ, Frist WH, ed. *Grand Rounds in Transplantation*. New York: Chapman and Hall, 1995:91-95.
13. Zhao XM, Frist WH. Cardiac allograft vasculopathy: correlation with immunoglobulin-secreting cell activity in peripheral blood. In: Helderman JH, Frist WH, ed. *Grand Rounds in Transplantation*. New York: Chapman & Hall, 1995:96-101.
14. Zhao X, Frist WH. The effects of RS-61443 on the expression of adhesion molecules on T lymphocyte, B lymphocyte and endothelial cells. In: Helderman JH, Frist WH, ed. *Grand Rounds in Transplantation*. New York: Chapman and Hall, 1995:102-112.
15. Loyd JE, Frist WH. A patient with new onset dyspnea and airflow obstruction at 4 months combined heart-lung transplantation for Eisenmenger's syndrome. In: Helderman JH, Frist WH, ed. *Grand Rounds in Transplantation*. New York: Chapman and Hall, 1995:125-130.
16. Shumway SJ, Frist WH. Immunosuppression. In: Shumway N, Shumway S, eds. *Thoracic Transplantation*. Cambridge: Blackwell Scientific Publications Inc., 1995:55-64.
17. Frist WH. Management of complications. In: Shumway N, Shumway S, eds. *Thoracic Transplantation*. Cambridge: Blackwell Scientific Publications Inc., 1995:226-251.
18. Frist B. Foreword. In Todd WE, Nash D. *Disease Management: a systems approach to improving patient outcomes*. Chicago: American Hospital Pub., 1997.
19. Frist WH. Foreword. In Summerville, J. *Nashville Medicine. A History*. Birmingham: Association Publishing Company, 1999.
20. Frist WH. Testimony: U.S. Senate. In: Cohen E, Kristol W, eds. *The Future Is Now: America Confronts the New Genetics*. Lanham: Rowman & Littlefield, 2002.
21. Frist WH. The Political Perspective of the Bioterrorism Threat. In: Knobler SL; Mahoumoud AAF; Pray LA, eds. *Biological Threats and Terrorism: Assessing the Science and Response Capabilities*. Washington: National Academy Press, 2002.
22. Frist WH. Taking Our Stand Against HIV/AIDS. In:Etue K, ed. *The aWake Project*.

Nashville: W Publishing Group, 2002.

### Articles:

1. Bryant N, Stender W, Frist W, Somers A. VD hotline: An evaluation. *Public Health Rep* 1976;91(3):231-235.
2. Frist WH, Palacios I, Powell WJ Jr. Effect of hypoxia on myocardial relaxation in isometric cat papillary muscle. *J Clin Invest* 1978;61(5):1218-24.
3. Aisenberg AC, Wilkes B, Harris NL, Frist WH. The predominant lymphocyte in most thymomas and in nonneoplastic thymus from patients with myasthenia gravis is the cortical thymocyte. *Clin Immunol Immunopathol* 1985 Apr;35(1):130-136.
4. Pasipoularides A, Palacios I, Frist W, Rosenthal S, Newell JB, Powell WJ Jr. Contribution of activation-inactivation dynamics to the impairment of relaxation in hypoxic cat papillary muscle. *Am J Physiol* 1985 Jan;248(1 Pt 2):R54-R62.
5. Frist W, Ackroyd F, Burke J, Bondoc C. Long-term functional results of selective treatment of hand burns. *Am J Surg* 1985 Apr;149(4):516-521.
6. Carter JE, Palacios I, Frist WH, Rosenthal S, Newell JB, and Powell WJ Jr: Improvement in relaxation by nifedipine in hypoxic isometric cat papillary muscle. *Am J Physiol* 1986 Feb; 250(2 Pt 2):H208-H212.
7. Frist WH and Miller DC: Repair of ascending aortic aneurysms and dissections. *J Cardiac Surg* 1986 Mar;1(1):33-52.
8. 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 Sept;42(3):273-281.
9. Frist WH, Mathisen DJ, Hilgenberg AD, Grillo HC. Bronchial sleeve resection with and without pulmonary resection. *J Thorac Cardiovasc Surg* 1987 Mar;93(3):350-357.
10. 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 Apr;93(4):502-511.
11. Baldwin JC, Frist WH, Starkey TD, Harjula A, Starnes VA, Stinson EB, Oyer PE, Shumway NE. Distant graft procurement for combined heart and lung transplantation using pulmonary artery flush and simple topical hypothermia for graft preservation. *Ann Thorac Surg* 1987 Jun;43(6): 670-673.
12. Frist WH, Oyer PE, Baldwin JC, Stinson EB, Shumway NE. HLA compatibility and cardiac transplant recipient survival. *Ann Thorac Surg* 1987 Sept;44(3):242-246.
13. Frist WH, Stinson EB, Oyer PE, Baldwin JC, Shumway NE. Long-term hemodynamic results after cardiac transplantation. *J Thorac Cardiovasc Surg* 1987 Nov;94(5):685-693.
14. Frist W, Yasuda T, Segall G, Khaw BA, Strauss HW, Gold H, Stinson E, Oyer P, Baldwin J, Billingham M, McDougall RI, Haber E. Noninvasive detection of human cardiac transplant rejection with indium-111 antimyosin (Fab) imaging. *Circulation Suppl* 1987 Nov;76(5 Pt 2), V81-V85.
15. Frist WH, Merrill WH, Loyd JE, Muirhead J, Hammon JW Jr, Stewart JR, and Bender HW Jr.

- Cardiopulmonary transplantation: An emerging procedure. *South Med J* 1987 Dec;80(12):1471-2.
16. Hammon JW Jr, Lupinetti FM, Maples MD, Merrill WH, Frist WH, Graham TP, Jr, Bender HW Jr. Predictors of operative mortality in critical valvar aortic stenosis presenting in infancy. *Ann Thorac Surg.* 1988;45:537-540.
  17. Myers BD, Newton L, Boshkos C, Makoviak JA, Frist WH, Derby GC, Perlroth MG, Sibley RK. Chronic injury of human renal microvessels with low-dose cyclosporine therapy. *Transplantation* 1988 Nov;46(5):694-703.
  18. Ramsey J, Frist WH, Hammon JW Jr, Merrill WH, Stewart JR, Bender HW Jr. Long-term clinical use of the Novacor left ventricular assist device as a bridge to transplantation. *Proceedings: 26th International Conference, Am Society of Extra-Corporeal Technology.* Wm. B. Pelley, ed. 1988:89-93.
  19. Lee RB, Stewart JR, Morley SA Jr, Merrill WH, Frist WF, Hammon JW Jr, Bender HW Jr. Optimal dose of superoxide dismutase in hypothermic global myocardial ischemia. *Surgical Forum* 1988;39:216-218.
  20. Merrill WH, Lee RB, Hammon JW Jr, Frist WH, Stewart JR, Bender HW Jr. Surgical treatment of acute traumatic tear of the thoracic aorta. *Ann Surg.* 1988;207(6):699-706.
  21. Parris WCV, Lin S, Frist WH. Use of stellate ganglion blocks for chronic chest pain associated with primary pulmonary hypertension. *Anesth Analg* 1988 Oct;67(10):993-5.
  22. Lee RB, Stewart JR, Morley SA, Frist WH, Hammon JW, Bender HW, Merrill WH. Oxypurinol fails to prevent reperfusion injury in hypertrophied canine heart, *Surgical Forum.* 1988;39:216.
  23. Portner PM, Oyer PE, Pennington DG, Baumgartner WA, Griffith BP, Frist WH, Magilligan DJ Jr, Noon GP, Ramasamy N, Miller PJ, Jassawalla JS. Implantable electric left ventricular assist system: Bridge to transplantation and the future. *Ann Thorac Surg* 1989 Jan;47:142-150.
  24. Frist WH, Winterland AW, Gerhardt EB, Merrill WH, Atkinson JB, Eastburn TE, Stewart JR, Eisert DR. Total lymphoid irradiation in heart transplantation: Adjunctive treatment for recurrent rejection. *Ann Thorac Surg* 1989 Dec;48:863-4.
  25. Lee RB, Stewart JR, Merrill WH, Frist WH, Hammon JW Jr, Bender HW Jr. Pharmacokinetics of superoxide dismutase during hypothermic cardiopulmonary bypass. *Circulation* 1989 Nov;80(5 Pt 2):III25-9.
  26. Winterland AW, Frist WH, Eisert DR, Stroup S. Total lymphoid irradiation to treat recurrent heart rejection. In: Terasaki PI, ed. *Clinical Transplants UCLA.* Los Angeles: UCLA Typing Laboratory; 1989:323.
  27. Frist WH, Merrill WH, Eastburn TE, Atkinson JB, Stewart JR, Hammon JW Jr, Bender HW Jr. Unique antithymocyte serum versus OKT3 for induction immunotherapy after heart transplantation. *J Heart Transplant* 1990 Sept-Oct;9(5):489-494.
  28. Morris JA Jr, Wilcox TR, Noreuil T, Frist WH. Organ donation: The university hospital experience. *South Med J* 1990 Aug;83(8):884-8.
  29. Frist WH, Fanning WJ. Donor management and matching. *Cardiol Clin* 1990 Feb;8(1):55-71.
  30. Merrill WH, Stewart JR, Frist WH, Hammon JW Jr, Bender HW Jr. Cardiac surgery in patients age 80 years or older. *Ann Surg* 1990 Jun;211:772-776.

31. Carey JA, Frist WH. Use of polyclonal antilymphocytic preparations for prophylaxis in heart transplantation. *J Heart Transplant* 1990 May-Jun;9(3 Pt 2):297-300.
32. Frist WH. <sup>111</sup>In-Antimyosin imaging for monitoring acute cardiac transplant rejection. *Choices in Cardiology*. 1990;4 (Suppl 2):22-25.
33. Frist WH, Gerhardt EB, Merrill WH, Atkinson JB, Eastburn TE, Stewart JR, Hammon JW Jr, Bender HW Jr. Therapy of refractory, recurrent heart rejection with multiple courses of OKT3. *J Heart Transplant* 1990 Nov-Dec;9(6):724-6.
34. Frist WH, Merrill WH, Eastburn TE, Stewart JR, Hammon JW Jr, Fortune DS, Guy TS, Bender HW Jr. Nashville antithymocyte serum: A safe and efficacious agent for prophylaxis after heart transplantation. *Transplantation Proceedings* 1991 Feb;23(1 Pt 2):1160-1161.
35. Frist WH, Fox MD, Campbell PW, Fiel SB, Loyd JE, Merrill WH. Cystic fibrosis treated with heart-lung transplantation: North American results. *Transplantation Proceedings*. 1991 Feb; 23(1 Pt 2):1205-6.
36. Merrill WH, Frist WH, Stewart JR, Boucek RJ, Dodd DA, Eastburn TE, and Bender HW Jr. Heart transplantation in children. *Ann Surg* 1991 May;213(5):393-8; discussion 398-400.
37. Yium JJ, Goldman M, Frist WH. Organ transplantation in Tennessee 1989-1990. Report of the Tennessee Transplant Society and the TMA Committee on Organ Procurement. *Journal of the Tennessee Medical Association* 1992 Jan;85(1):9-11.
38. Stewart JR, Carey JA, Merrill WH, Frist WH, Hammon JW Jr, Bender HW Jr. Twenty years' experience with pulmonary metastasectomy. *The American Surgeon* 1992 Feb;58(2):100-3.
39. Hoff SJ, Stewart JR, Frist WH, Kessler RM, Sandler MP, Atkinson JB, Votaw J, Carey JA, Ansari MS, Merrill WH. Noninvasive detection of heart transplant rejection with positron emission scintigraphy. *Ann Thorac Surg* 1992 Apr;53:572-7.
40. Muirhead J, Meyerowitz BE, Leedham B, Eastburn TE, Merrill WH, Frist WH. Quality of life and coping in patients awaiting heart transplantation. *J Heart Lung Transplant* 1992 Mar-Apr;11(2 Pt 1):265-72.
41. Dodd DA, Frist WH, Merrill WH, Boucek RJ Jr. Pretransplant and posttransplant management of the infant with hypoplastic left heart syndrome. *Transplantation Science* 1992;2(1):5-6.
42. Morris JA Jr, Wilcox TR, Frist WH. Pediatric organ donation: The paradox of organ shortage despite the remarkable willingness of families to donate. *Pediatrics* 1992 Mar;89(3):411-5.
43. Vansant JP, Johnson DH, O'Donnell DM, Stewart JR, Sonin AH, McCook BM, Powers TA, Salk DJ, Frist WH, Sandler MP. Staging lung carcinoma with a Tc-99m labeled monoclonal antibody. *Clinical Nucl Medicine* 1992 Jun;17(6):431-8.
44. Wong J, Loyd JE, Merrill WH, Frist WH. Single lung transplantation: replacement therapy for end-stage disease. *Southern Medical Journal* 1992 Sept;85(9):887-93.
45. Frist WH, Groves JR, Merrill WH, Connors AW, Stewart KA, Luce PA, Walker BL, Heim CR. Physiological exercise response in heart transplant recipients at 1 year. *Transplantation Proceedings* 1992 Dec;24(6):2672-3.
46. Daughters GT, Frist WH, Alderman EL, Derby GC, Ingels NB Jr, Miller DC. Effects of the pericardium on left ventricular diastolic filling and systolic performance early after cardiac surgery. *J Thorac Cardiovasc Surg* 1992 Oct;104(4):1084-91.
47. Yeoh TK, Frist WH, Eastburn TE, Atkinson J. Clinical significance of mild rejection of the cardiac allograft. *Circulation* 1992 Nov;86[5 Suppl]:II267-II271.
48. Yeoh TK, Frist WH, Lagerstrom C, Kasper EK, Groves J, Merrill W. Relationship of cardiac

- allograft size and pulmonary vascular resistance to long-term cardiopulmonary function. *J Heart Lung Transplant* 1992 Nov-Dec;11:(6):1168-76.
49. Frist WH, Carmichael LC, Loyd JE, Merrill WH, Stewart JR, Biggs VJ, Bender HW Jr. Transplantation for pulmonary hypertension. *Transplantation Proceedings* 1993 Feb;25(1 Pt 2):1159-61.
  50. Merrill WH, Elkins CC, Stewart JR, Frist WH, Bender HW Jr. Third-time coronary artery bypass grafting: midterm results. *Ann Thorac Surg* 1993 March;55(3):582-585.
  51. Delbeke D, Lorenz CH, Votaw JR, Silveira ST, Frist WH, Atkinson JB, Kessler RM, Sandler MP. Estimation of left ventricular mass and infarct size from nitrogen-13-ammonia PET images based on pathological examination of explanted human hearts. *J Nucl Med* 1993 May;34(5):826-33.
  52. Evans RW, Manninen DL, Dong FB, Frist WH, Kirklin JK. The medical and surgical determinants of heart transplantation outcomes: the results of a consensus survey in the United States. *J Heart Lung Transplant* 1993 Jan-Feb;12(1 Pt 1):42-45.
  53. Evans RW, Manninen DL, Dong FB, Ascher NL, Frist WH, Hansen JA, Kirklin JK, Perkins JD, Pirsch JD, Sanfilippo FP. Immunosuppressive therapy as a determinant of transplantation outcomes. *Transplantation* 1993 June;55(6):1297-1305.
  54. Zhao XM, Frist WH, Yeoh TK, Miller GG. Expression of cytokine genes in human cardiac allografts: correlation of IL-6 and transforming growth factor-beta (TGF- $\beta$ ) with histological rejection. *Clinical and Experimental Immunology* 1993 Sept;93(3):448-451.
  55. Horvath J, Dummer S, Loyd J, Walker B, Merrill WH, Frist WH. Infection in the transplanted and native lung after single lung transplantation. *Chest* 1993 Sept; 104(3):681-685.
  56. Rodeheffer RJ, Naruse M, Atkinson JB, Naruse K, Burnett JC Jr, Merrill WH, Frist WH, Demura H, Inagami T. Molecular forms of atrial natriuretic factor in normal and failing human myocardium. *Circulation* 1993 Aug;88(2):364-371.
  57. Hoff SJ, Stewart JR, Frist WH, Atkinson JB, Kronenberg MW, Votaw J, Kessler RM, Sandler MP. Noninvasive detection of acute rejection in a new experimental model of heart transplantation. *Ann Thorac Surg* 1993 Nov;56(5):1074-7.
  58. Evans RW, Manninen DL, Dong FB, Frist WH, Kirklin JK. Determinants of heart-lung transplantation outcomes: results of a consensus survey. *Ann Thorac Surg* 1993 Aug; 56(2):343-5.
  59. Zhao XM, Yeoh TK, Hiebert M, Frist WH, Miller GG. The expression of acidic fibroblast growth factor (heparin-binding growth factor-1) and cytokine genes in human cardiac allografts and T cells. *Transplantation* 1993 Nov;56(5):1177-82.
  60. Elkins CC, Frist WH, Dummer JS, Stewart JR, Merrill WH, Carden KA, Bender HW Jr. Cytomegalovirus disease after heart transplantation: is acyclovir prophylaxis indicated? *Ann Thorac Surg* 1993 Dec;56:1267-73.
  61. Tantengco MV, Dodd D, Frist WH, Boucek MM, Boucek RJ. Echocardiographic abnormalities with acute cardiac allograft rejection in children: correlation with endomyocardial biopsy. *J Heart Lung Transplant* 1993 Nov-Dec;12(6 Pt 2):S203-S10.
  62. Hoff SJ, Johnson JE, Frist WH. Aortobronchial fistula following unilateral lung transplantation. *Ann Thorac Surg* 1993 Dec;56(6):1402-3.
  63. Finder SG, Fox MD, Zaner RM, Frist WH. The ethicist's role on the transplant team: a study

- of heart, lung, and liver transplantation programs in the United States. *Clin Transplantation* 1993;7:559-64.
64. Atkinson JB, Wudel JH, Hoff SJ, Stewart JR, Frist WH. Amlodipine reduces graft coronary artery disease in rat heterotopic cardiac allografts. *J Heart Lung Transplant* 1993 Nov-Dec; 12(6 Pt 1):1036-43.
  65. Dodd DA, Brady LD, Carden KA, Frist WH, Boucek MM, Boucek RJ Jr. Pattern of echocardiographic abnormalities with acute cardiac allograft rejection in adults: correlation with endomyocardial biopsy. *J Heart Lung Transplant* 1993 Nov-Dec;12(6 Pt 1):1009-18.
  66. Biggs VJ, Dummer S, Holsinger FC, Loyd JE, Christman BW, Frist WH. Successful treatment of invasive bronchial aspergillosis after single-lung transplantation. *Clinical Infectious Diseases* 1994 Jan;18(1):123-4.
  67. Frist WH, Biggs VJ. Chronic myelogenous leukemia after lymphoid irradiation and heart transplantation. *Ann Thorac Surg* 1994 Jan;57(1):214-16.
  68. Frist WH, Loyd JE, Merrill WH, Stewart JR, Dummer JS, Hoff SJ, Walker B, Bender HW Jr. Single lung transplantation: a temporal look at rejection, infection, and survival. *The American Surgeon* 1994 Feb;60(2):94-102.
  69. Frist WH, Thirumalai S, Doehring CB, Merrill WH, Stewart JR, Fenichel GM, Bender HW Jr. Thymectomy for the myasthenia gravis patient: factors influencing outcome. *Ann Thorac Surg* 1994 Feb;57(2):334-8.
  70. Leedham B, Meyerowitz BE, Muirhead J, Frist WH. Positive expectations predict health after heart transplantation. *Health Psychology* 1995 January;14(1):74-9.
  71. Hoff SJ, Reilly MK, Merrill WH, Stewart J, Frist WH, Morris JA Jr. Analysis of blunt and penetrating injury of the innominate and subclavian arteries. *The American Surgeon* 1994 Feb;60(2):151-4.
  72. Zhao XM, Frist WH, Yeoh TK, Miller GG. Modification of alternative messenger RNA splicing of fibroblast growth factor receptors in human cardiac allografts during rejection. *J Clinical Investigation* 1994 Sept;94(3):992-1003.
  73. Zhao XM, Yeoh TK, Frist WH, Porterfield DL, Miller GG. Induction of acidic fibroblast growth factor and full-length platelet-derived growth factor expression in human cardiac allografts. Analysis by PCR, in situ hybridization, and immunohistochemistry. *Circulation* 1994 Aug; 90(2):677-85.
  74. Foley M, Frist B, McCarthy K, Fattah C, Brownback S. Mr. Smith goes to Washington? [Interview by Renee Blankenau]. *Hosp Health Netw* 1995 Jan 20;69(2):46-50.
  75. Zhao XM, Frist WH, Yeoh TK, Miller GG. Confirmation of alternatively spliced platelet-derived growth factor-A chain and correlation with expression of PDGF receptor- $\alpha$  in human cardiac allografts. *Transplantation* 1995 Feb;59(4):605-11.
  76. Zhao XM, Citrin BS, Miller GG, Frist WH, Merrill WH, Fischell TA, Atkinson JB, Yeoh TK. Association of acidic fibroblast growth factor and untreated low grade rejection with cardiac allograft vasculopathy. *Transplantation* 1995 April;59(7):1005-10.
  77. Zhao XM, Delbeke D, Sandler MP, Yeoh TK, Votaw JR, Frist WH. Nitrogen-13-ammonia and PET to detect allograft coronary artery disease after heart transplantation: comparison with coronary angiography. *J Nuclear Medicine* 1995 June;36(6):982-7.
  78. Frist WH. Politics: a surgeon's road to the Senate. Presented at the 28th Postgraduate Program

- of The Society of Thoracic Surgeons. *Ann Thorac Surg* 1995 July;60(1):8-11.
79. Frist WH, Lorenz CH, Walker ES, Loyd JE, Stewart JR, Graham TP Jr, Pearlstein DP, Key SP, Merrill WH. MRI complements standard assessment of right ventricular function after lung transplantation. *Ann Thorac Surg* 1995 Aug;60(2):268-71.
  80. Frist B. The future of Medicare: one Senator's vision. *Health Affairs* (Millwood) 1995 Winter;14(4):82-88.
  81. Frist, WH. *Medical Simulation and Training*. Fall/Winter 1996;I(2);14-16.
  82. Frist WH. Operating Outside the Theater: New Challenges for Leadership. Martin Memorial Lecture. Presented at the 1997 Clinical Congress. *Bulletin of the American College of Surgeons*. February 1998;13-23.
  83. Bernard S, Frist WH. The healthcare debate: the case for disease management. *Disease Management*. March/April 1998;1(2):91-98.
  84. Frist WH. Operating outside the clinical theater: a challenge for physician leadership. *Today's Internist*. March/April 1998;39(2):20-25.
  85. Frist, WH, Firsthand account of a senator/surgeon's mission of hope, *Flying*, July 1999.
  86. Frist, WH, Doing Our Patriotic Duty, *American Medical Athletic Association Quarterly Journal*. Spring 2002; 15 (1):12-13.
  87. Frist, WH, A time for preparedness: with funding on its way, hospitals need to get ready for a bioterrorist attack. *Modern Health Care*. December 2002; 19.

#### **Abstracts and Letters (Selected):**

1. Somers A, Bryant N, Stender W, Frist W. Letter: Can a hot line get too hot? *N Engl J Med* 1974; Apr 11;290(15):863-4.
2. Frist, WH. Hypoxia and cardiac muscle relaxation. *Clin Res* 1977;25(5):649A.
3. Frist, WH, Palacios I, Powell, WJ, Jr. Effect of hypoxia on myocardial relaxation in isometric cat papillary muscle. *Am J Cardiol* 1978;41:361.
4. Pasipoularides A, Palacios I, Frist WH, Powell WH Jr. Activation - Inactivation and impaired relaxation in hypoxia. *Circulation* 1982;66:II-305.
5. Carter JE, Palacios I, Frist WH, Powell WJ Jr. Improvement in the hypoxia-induced impairment of relaxation by Nifedipine in isometric cat papillary muscle. *Clin Res* 1985;33(2):516A.
6. Frist WH, Daughters GT, Mead CW, Derby GC, Schwarzkopf A, Miller DC. Pericardial closure adversely affects early postoperative LV systolic function. *Circulation* 1985; 72:III-130.
7. Hansen DE, Daughters GT, Alderman EL, Ingels NB, Derby G, Schwarzkopf A, Mead CW, Frist WH, Baldwin J, Stinson E, Oyer P, Miller DC. Torsional deformation of the left ventricle: Contractile state dependence and load insensitivity in man. *Circulation* 1986;74:II-164.
8. Frist WH, Baldwin JC, Shumway NE. A Reconsideration of Cerebral Perfusion in Aortic Arch Replacement. In: Doty DB, ed. *Cardiac Surgery*. Chicago:Year Book Medical Publishers, 1987.

9. Starnes VA, Stinson EB, Oyer PE, Frist WH, Baldwin JC, Hunt SA, Shumway NE. Cardiac transplantation in children and adolescents. *Circulation* 1987;74:III-218.
10. Rodeheffer RJ, Merrill WH, Frist WH, Friesinger GC. Atrial natriuretic factor tissue levels in fresh human cardiomyopathic myocardium. *Clinical Research* 1987 (Spring);35(3):
11. Frist WH, Yasuda T, McDougal IR, Segal G, Khaw BA, Strauss HW, Gold H, Jacobs M, Dec GW, Palacios I, Stinson E, Oyer P, Haber E. Noninvasive detection of human cardiac transplant rejection with In-111 Antimyosin (FAB) imaging, *Circulation* 1986;74(Suppl II):219.
12. Frist WH, Segal G, Yasuda T, McDougall RI, Khaw BA, Haber E. Cardiac transplant rejection and In-111 Antimyosin imaging. *Clin Nucl Med* 1986;Vol II, B9.
13. Merrill WH, Shuman T, Graham T, Hammon JW, Frist WH, Bender HW. Primary closure of ventricular septal defect in infancy. *JACC* 1988;2(2):70A.
14. Lee RB, Stewart JR, Morley SA, Merrill WH, Frist WH, Hammon JW Jr, Bender HW Jr. Pharmacokinetics of superoxide dismutase during hypothermic cardiopulmonary bypass. *Circulation* 1988;78:II-184.
15. Byrd BF, Atkinson JB, Merrill WH, Frist WH. Immediate confirmation of echocardiographic left ventricular mass measurements in cardiac transplant recipients. *Circulation* 1988;78:II-350.
16. Echt DS, Lee JT, Roden DM, Crawford DM, Horrell KD, Frist WH, Hammon JW. Effects of lidocaine on defibrillation energy requirements in patients. *Circulation* 1989;80(4):II-224.
17. Atkinson JB, Virmani R, Tantegco MV, Merrill WH, Frist WH, Robertson RM. Influence of age and atherosclerosis on coronary reactivity. *Lab Invest* 1989;60:3.
18. Meyerowitz B, Vasterling J, Muirhead J, McGowan J, West S, Merrill WH, Frist WH. Quality of life and coping in heart transplant recipients. *J Heart Lung Transplant*.
19. Frist WH, Mathisen DJ, Hilgenberg AD, Grillo HC. Bronchial sleeve resection with and without pulmonary resection. *Current Surgery* 1989;46:145.
20. Frist WH, Merrill WH, Stewart JR, Hammon JW Jr, Atkinson J, Eastburn TE, Bender HW Jr. Comparison of a unique antithymocyte serum vs OKT3 in prophylaxis after heart transplantation. *J Heart Transplant* 1989;8:103.
21. Carey JA, Stewart JR, Merrill WH, Sandler M, Atkinson J, Hammon JW Jr, Frist WH, Bender HW Jr. Continuous radionuclide monitoring of left ventricular systolic performance in postoperative cardiac surgery patients: validation of the Capintec Vest. *J Am Coll Cardiol* 1990;15(2):130A.
22. Carey JA, Stewart JR, Merrill WH, Frist WH, Sandler MP, Hoff SJ, Bender HW Jr. Continuous radionuclide monitoring - a valuable adjunct to evaluate myocardial preservation into the 21st century. *J Mol Cell Cardiol* 1990;22(Suppl.V):S.30(P90).
23. Frist WH, Carey J, Merrill WH, Stewart JR, Hammon JW Jr, Bender HW Jr. Refractory right ventricular failure in transposition of the great arteries treated by transplantation. *J Am Coll Cardiol* 1990;15:224A.
24. Stewart JR, Hoff SJ, Frist WH, Merrill WH, Hammon JW Jr, Bender HW Jr. Heart transplantation for refractory ventricular arrhythmias: report of 4 cases and review of the US experience. *Chest* 1990;98(2):37S.
25. Rodeheffer RJ, Naruse M, Naruse K, Frist WH, Merrill WH, Atkinson JB, Demura H, Inagami

- T. The content and molecular form of atrial natriuretic peptide (ANP) in fresh normal and failing human myocardium. *Clin Res* 1990;38:502A.
26. Muirhead J, Meyerowitz BE, Leedham B, Frist WH, Eastburn TE, Merrill WH. Quality of life and coping in patients awaiting heart transplantation. *J Heart Lung Transplant* 1991;10(1 Pt. 1):158.
  27. Frist WH, Stewart JR, Merrill WH, Eastburn TE, Hammon JW, Luce PA, Belt HC, Kessler RW, Sandler MP. Positron emission tomography (PET) noninvasively detects diminishing coronary blood flow after heart transplantation. *J Heart Lung Transplant* 1991;10(1 Part 2):174.
  28. Frist WH, et al. Cystic fibrosis treated with heart-lung transplantation: North American results. *Pediatrics Digest* 1991;8:28.
  29. Dodd DA, Merrill WH, Frist WH, Boucek RJ Jr. Echo surveillance for rejection following infant heart transplantation. *J Heart Lung Transplant* 1992;11(1 Part 2):205.
  30. Yeoh TK, Frist W, Lagerstrom C, Kasper E, Groves J, Merrill W. Relationship of heart allograft size and pulmonary vascular resistance to long-term cardiovascular function. *J Heart Lung Transplant* 1992;11(1 Part 2):206.
  31. Delbeke D, Lorenz CH, Silveira ST, Frist WH, Atkinson JB, Votaw JR, Kessler RM, Sandler MP. N-13 ammonia PET estimation of left ventricular mass and infarct size validated with pathological examination of explanted human hearts. *J Nucl Med* 1992;33(5):826.
  32. Frist WH, Kasper EK, Yeoh, TK, Stewart JR, Carden KA, Merrill WH. Is polyclonal or monoclonal induction immunotherapy efficacious after heart transplantation? *Circulation* 1992;86(4):I-841.
  33. Atkinson JB, Wudel JH, Hoff SJ, Stewart JR, Frist WH. Amlodipine reduces graft coronary disease in rat heterotopic cardiac allografts. *J Heart Lung Transplant* 1993;12(1 Pt.2):S96.
  34. Jobe RL, Kasper EK, Yeoh TK, Groves JR, Lange DH, Frist WH. Clinical and hemodynamic determinants of maximum exercise oxygen consumption one year after orthotopic heart transplantation. *J Heart Lung Transplant* 1993;12(1 Pt.2):S87.

### **Videotapes in Vanderbilt Library**

Grand Rounds Presented for Vanderbilt University Medical Center

Tape No. 175	Lasers in otolaryngology/Robert H. Ossoff. Heart-lung transplantation/William H. Frist. Robert H. Ossoff	1986
Tape No. 246	Tracheal stenosis/Robert H. Ossoff and William H. Frist. Pelvic exenteration in the treatment of rectal cancer/Lester F. Williams, Jr. Robert H. Ossoff	1987
Tape No. 283	Preoperative staging of pancreatic cancer/Kenneth W. Sharp.	

	Sleeve resections of the lung/William H. Frist. Kenneth W. Sharp	1987
Tape No. 342	Ischemic acute renal failure/W. Scott McDougal. Bridge to heart transplantation: left ventricular device/William H. Frist W. Scott (William Scott) McDougal	1987
Tape No. 364	Transplantation in children: Part II, Cardiac/ William Frist, Gordon Moreau, Thomas Graham. William H. Frist	1987
Tape No. 506	Heart-lung transplantation/William H. Frist. The Good Shepherd Hospital/Hershel A. Graves, Jr. William H. Frist	1988
Tape No. 591	Neuroblastoma/by Wallace Neblett. Carcinoma of the lung/by William H. Frist Wallace W. Neblett	1989
Tape No. 636	Heart transplantation: treatment of refractory rejection/ by William Frist. Coarctation of the aorta rejection/ by John W. Hammon, Jr. William H. Frist	1989
Tape No. 1142	Transplantation for pulmonary hypertension: is single lung transplantation appropriate therapy?/by William H. Frist. Cell transplantation/gene transfer/by Achilles A. Demetriou. William H. Frist	1990
Tape No. 806	Case presentations/by Paul Ebert. Single lung transplantation: an emerging procedure for end stage lung disease/by William H. Frist Paul Ebert	1990
Tape No. 990	Ethical problems in clinical medicine. Moderator: F. Tremaine Billings. Speakers: John A. Phillips, William H. Frist, and Frank H. Boehm. F. Tremaine Billings	1991
Tape No. 1212	Lung transplantation: management of bronchial complications/ by William H. Frist. Surgically correctable hypertension/ by John H. Nadeau. William H. Frist	1993
Tape No. 1254	New perspectives on adult congenital heart disease. Benjamin F. Byrd, Gottlieb C. Friesinger, William H. Frist, Cynthia B. Paschal. Benjamin F. Byrd	

**Presentations (Selected):**

Frist WH. Arrhythmias in patients undergoing cardiac valve replacement. Presented on

February 1, 1982 at the Winter Meeting of the Flying Physicians Association in Sun Valley, California.

Frist WH, Mathisen DJ, Hilgengerg AD, Grillo HC. Bronchial sleeve resection with and without pulmonary resection. Presented on June 27, 1986 at 12th Annual Meeting of The Western Thoracic Surgical Association, Napa, California.

Frist WH. Antimyosin imaging for monitoring acute cardiac transplant rejection. Presented on July 11, 1990 at New Frontiers in Cardiovascular Imaging: monoclonal antibody imaging for the identification of necrotic myocardium. KPR, Infor/Media Corporation. Boston, Massachusetts.

Frist WH. Cystic Fibrosis Treated with Heart-Lung Transplantation: North American Results. Presented on August 23, 1990 at the XIII International Congress of the Transplantation Society, San Francisco, California.

Frist WH. The use of Antimyosin in the evaluation of transplant rejection. Presented on October 20, 1990 at MYOSCINT Investigator's Update. FCG International and McNeil Pharmaceutical. Rancho Mirage, California.

Frist WH. Neonatal heart transplantation. Presented on May 23, 1991 at the Ninth Annual Tennessee Conference on Perinatal-Neonatal Care in Johnson City, Tennessee.

Frist WH. Neonatal heart transplantation. Presented on November 2, 1991 at the Second Annual Neonatology Symposium in Nashville, Tennessee.

Frist WH. Transplantation for pulmonary hypertension: combined heart-lung versus single lung procedures. Presented on August 20, 1992 at the XIV International Congress of the Transplantation Society, Paris, France.

Frist WH. Is the American dream in medicine dying? Presented on February 2, 1994 at the 30th Anniversary Meeting of The Society of Thoracic Surgeons, New Orleans, Louisiana.

Frist WH. Politics: A Surgeon's Road to the Senate. Presented on January 29, 1995 at the 28th Postgraduate Program of The Society of Thoracic Surgeons, Palm Springs, California.

Frist WH. Operating Outside the Theater: New Challenges for Leadership. Presented on October 16, 1997. Martin Memorial Lecture to the American College of Surgeons at the 83rd Annual Clinical Congress, Chicago, Illinois.

Frist WH. What You Always Wanted to Know About Healthcare Policy: A Question and Answer Session. Presented on June 19, 1999 at the First Meeting of The Massachusetts Medical Surgical Society in Boston, Massachusetts.

**Publications (In Press):**

1. Peters MT, Frist WH, Loyd JE, Merrill WH, Stewart JR, Stewart KA, Sandler MP. Quantitative lung perfusion scanning identifies rejection after single lung transplantation. *Transplantation*.
2. Stewart JR, Carey JA, Merrill WH, Frist WH, Sandler MP. Continuous monitoring of left ventricular systolic function after coronary artery bypass. *Ann Thorac Surg*.
3. Knight SB, Delbeke D, Campbell MG, Stewart JR, Frist WH, Merrill WH, Sandler MP. Evaluation of pulmonary lesions with <sup>18</sup>F-FDG-PET: comparison of findings in patients with and without a history of prior malignancy. *Chest*.