

## CURRICULUM VITAE

**TERENCE PETER DOWNING, M.D., F.A.C.S.**

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**PRESENT PRACTICE:** Director of Cardiovascular Surgery  
Lawnwood Thoracic and Cardiovascular Surgery  
Lawnwood Regional Medical Center & Heart Institute  
1700 S. 23<sup>rd</sup> Street  
Fort Pierce, FL 34950  
October 1, 2006 – present

**ASSISTANT CLINICAL  
PROFESSOR OF MEDICINE:** Florida State University  
The College of Medicine  
Ft. Pierce Regional Campus  
2009 - present

**PREVIOUS PRACTICE:** President  
Intracoastal Cardiothoracic Surgery  
2100 Nebraska Ave Suite 202 Fort Pierce, FL 34950  
3370 Burns Rd Suite 102 Palm Beach Gardens, FL 33410  
T. Peter Downing, M.D. Pamela Roberts, M.D.  
William H. Heitman, M.D. Arthur H. Katz, M.D.  
1986 – September 2006

Cardiothoracic Surgeon  
Rochester Thoracic Associates  
1445 Portland Avenue  
Rochester, New York 14621  
February 1985 – June 1986

**SURGICAL TRAINING:** Resident in Cardiothoracic Surgery  
Department of Thoracic & Cardiovascular Surgery  
Mayo Clinic  
Rochester, Minnesota  
January 1983 – December 1984

Assistant in Surgery  
Department of Cardiovascular Surgery  
Kaiser Permanente Medical Center  
San Francisco, California  
September 1982 – January 1983

Resident in Surgery  
Department of Cardiovascular Surgery  
Stanford University Medical Center  
Stanford, California  
September 1979 – September 1982

Resident in Surgery  
Department of Surgery  
University of Utah  
College of Medicine  
Salt Lake City, Utah  
July 1974 – June 1979

Research Fellow, Renal Transplantation  
Veterans Administration Hospital  
Salt Lake City, Utah  
June 1976 – July 1977

**EDUCATION:**

Doctor of Medicine  
George Washington University  
School of Medicine  
Washington, D.C.  
1970 – 1974

Bachelor of Arts, Chemistry  
University of Washington  
Seattle, Washington  
1966 – 1970

**SCHOLASTIC HONORS:**

NIH Summer Fellowships  
1971 – 1972

The Joseph Levine Memorial Scholarship  
George Washington University  
1973

The Burroughs – Wellcome Company  
1975, 1976

The Jack Taylor (Clagett) Traveling Scholarship  
Mayo Clinic  
1984

Physicians Advisory Committee  
(Florida Board of Medicine)  
David S. Wertheimer, Chairman

Top Doctors South Florida  
1997, 1998, 1999

Best Physician in U.S.  
1997

Counselor, Florida Society of Thoracic and Cardiovascular  
Surgeons  
1998 – present

Counselor, Florida Society of Thoracic and Cardiovascular Surgeons  
President – Feb. 2004 – Feb. 2006

**CERTIFICATION:** Re certified, American Board of Thoracic Surgery, 1996  
Fellow, American College of Surgeons, 1989  
American Board of Thoracic Surgery, May 1986  
American Board of Surgery, April 1980  
National Board of Medical Examiners, 1975  
Society of Thoracic Surgeons 1988-present

**VITAL STATISTICS:** Birth date: March 7, 1948, England  
Married, one child  
Citizenship – United States

**PUBLICATIONS:**

Affronti, MF; Leichner, JP; Downing, TP: A method of characterization of MIF from sensitized guinea pigs. Fed Proc 31 (2), March 1972; presented FASEB 1971

Downing TP; Leichner, JP; Affronti, P: In-vitro suppression of delayed hypersensitivity and MIP antibody, Fed Proc 32 (3), March 1973; presented FASEB 1972

Steinmuller, D; Coleman, DA; Downing, TP: Prolonged kidney allograft survival in the (Lewis X BN) F1 to Lewis strain combination Transplantation 24 (4), October 1974

Downing TP; Coleman DA; Steinmuller, D: The failure of concanavalin A to prolong rat kidney allografts. Transplantation 25 (5): 283, May 1978

Downing, TP; Miller, DC; Burton, NA; Jamieson, SW; Reitz, BA; Oyer, PE; Stinson, EB; Shumway, NE: Therapeutic efficacy of intra-aortic balloon counterpulsation – Analysis with concurrent controls. Circulation 64 suppl. II:108, presented at the American Heart Association, Miami, 1980.

Downing, TP; Reitz, BA; Aziz, S; Stinson, EB; Shumway, NE: Increased efficacy of cyclosporin A with splenectomy in prolonging rat heart allografts. Transplantation 32:76, July 1981; presented at the Society of University Surgeons, New York 1981.

Downing, TP; Sadeghi, AM; Bennion, RS: The effect of preoperative color preparation on serum potassium. Am J Surg 49:414, 1983.

Sadeghi, AM; Reitz, BA; Guthaner, D; Wexler, L; Schochar, S; Downing, TP; Baumgartner, W; Blank, NE; Shumway, NE: Healing and revascularization of the tracheal anastomosis following heart and lung transplantation. Surg Form 33:236, 1982

Sadeghi, AM; Downing, TP; Reitz, BA; Shumway, NE: Prolongation of rat cardiac allografts with total lymphoid irradiation, cyclosporin. A methyprednisolone and splenectomy following transplantation. Heart Transplantation 11:209, 1983

Downing, TP; Sadeghi, AM; Baumgartner, WA; Reitz, BA; Feeley, T; Mihm, F; Shumway, NE: Acute physiologic changes following heart-lung transplantation in canines. *Ann Thorac Surg* 37:479, 1984

Downing, TP; Sadeghi, AM; Reitz, BA; Shumway, NE: Cardiac allotransplantation in rats supported with preoperative total lymphoid irradiation, low dose cyclosporin A and splenectomy. *Transplantation* 37:636, 1984

Mihm, F; Feeley, T; Downing, TP; Sadeghi, AM; Baumgartner, WA; Reitz, BA; Shumway, NE: Lung injury after heart-lung transplantation: Effects of preservation. *Anest Analg* 63:251, February 1984

Downing, TP: Pediatric Vascular injuries In: *Emergency Management of Pediatric Trauma*. T. Mayer (ed). W.B. Saunders and Co., New York, 1985

Downing, TP; Sadeghi, AM; Beiber, CP; Reitz, BA; Shumway, NE; Preoperative total lymphoid irradiation, splenectomy and postoperative cyclosporin A in the rat cardiac heterograft model. *Transplantation* 39:81, Jan. 1985

Feeley, TW; Mihm, FG; Downing, TP; Sadeghi, AM; Baumgartner, WA; Reitz, BA; Shumway, NE: The effect of hypothermic preservation of the heart and lungs on cardiorespiratory function following canine heart-lung transplantation. *Ann Thorac Surg* 39:558, June, 1985

Downing, TP; Danielson, GK; Schaff, HV; Driscoll, D; Edwards, W: Replacement of obstructed right ventricle to pulmonary artery conduits with a nonvalved conduit in children. *Circulation* 72:II – 84, May 1985 presented at the American Heart Association, Miami, 1984

Downing, TP; Danielson, GK; Ritter, DG; Julsrud, PR; Seward, JB: Pulmonary artery thrombosis associated with anomalous pulmonary vein connection: An unusual complication following the modified Fontan procedure; *J Thorac Cardiovasc Surg* 90:441-7, Sept. 1985

Downing, TP; Miller, DC; Stofer, R; Shumway, NE: The use of the intra-aortic balloon pump following valve replacement – Predictive indices, correlative parameters and patient survival. *J. Thorac Cardiovasc Surg* 92:210, Aug. 1986

Feeley, TW; Mihm, FG, Downing, TP; Sadeghi, AM; Baumgartner, WA; Reitz, BA; Shumway, NE: Hypothermic preservation of the heart and lungs with Collins Solution effect on cardiorespiratory function following heart-lung allotransplantation in dogs. *Ann Thorac-Surg* 41:301 March 1986

D.C.K.Hu, M.D.; E.R. Giuliani, M.D.; T. Peter Downing, M.D.; G.K.Danielson,M.D.: Spontaneous closure of congenital ventricular septal defect in an adult. *Clinical Cardiology* 9, 587-588 (1986)

Danielson, CK; Downing, TP; Schaff, HV; Puga, FJ; Didonato, RM; Edwards, WD: Replacement of valved right ventricle to pulmonary artery conduits with a Zeno or homograft patch. *J Thorac Cardiovasc Surg* 93:55-9, 1987

Persaud H; Pande, P; Easley, RM; Downing, TP: Myocardial abscess complicating acute myocardial infarction. *New York State Journal of Medicine* 38, 1988

David L. Hays, M.D.; Ronald E. Vlietstra, M.D.; Ch.B; Jane M. Trusty, R.N.: Division of Cardiovascular Diseases and Internal Medicine. T. Peter Downing, M.D.; Nicholas C. Cavarocchi, M.D.; Section of Thoracic and Cardiovascular Surgery, Complication following Permanent Pacemaker Insertion. Mayo Clinic Proc 63:236 – 260, 1988

Downing, T. Peter M.D.; Surgical treatment of Ventricular Tackycardia  
Presentation, Grand Rounds, Mayo Clinic, July 1984

Downing, T. Peter M.D.; A Grass Roots Approach, What Must We Do?  
Presentation, STS, Ft. Lauderdale, FL January 2005

Downing, T. Peter M.D.; 2006 Florida Society of Thoracic & Cardiovascular Surgery.  
Presentation, February 2007.

Downing, T. Peter M.D.; The Heart of the Matter, Florida Health Care News, Spring 2008  
St Lucie County Edition.

Downing, T. Peter M.D.; Multiple Approaches for Aortic Root Replacement, The Journal of  
Modern Cardiovascular Care, V2N3 Summer 2008.