

CURRICULUM VITAE

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Place of Birth New York, New York

Education

1974-78 B.A. Biochemistry, Columbia College, New York, NY
1978-82 M.D. Harvard Medical School, Boston, MA

Postdoctoral Training

Internship and Residencies

1982-83 Intern in Pediatrics, Albert Einstein College of Medicine
1983-84 Junior Resident in Pediatrics, Albert Einstein College of Medicine
1984-85 Senior Resident in Pediatrics, Albert Einstein College of Medicine
1985-86 Chief Resident in Pediatrics, Albert Einstein College of Medicine

Clinical and Research Fellowships

1986-89 Fellow, Division of Pediatric Cardiology, Columbia Presbyterian Medical Center

Licensure and Certification

1982 New York State Board of Registration in Medicine, License # 155765
1988 American Board of Pediatrics, Diploma
1988 Sub-Board of Pediatric Cardiology, American Board of Pediatrics, Certificate
1991 Massachusetts Board of Registration in Medicine, License # 74178
1992 New Hampshire Board of Registration in Medicine, License # 8668
1995 Sub-Board of Pediatric Cardiology, American Board of Pediatrics, Re-certification
2002 Sub-Board of Pediatric Cardiology, American Board of Pediatrics, Re-certification

Academic Appointments

1976-78 Research Assistant to Dr. John Stevens of Mt. Sinai Medical School. Assisted in studies of glucocorticoid receptors in a mouse lymphoma model and human CLL lymphocytes.
1979 Teaching Assistant, Chemistry Department, Harvard University
1989-91 Assistant Professor of Pediatrics, Division of Pediatric Cardiology, State University of New York Health Science Center at Brooklyn
1991-98 Assistant Professor of Pediatrics, Tufts University School of Medicine
1998-2002 Associate Professor of Pediatrics, Tufts University School of Medicine
2002- Associate Professor of Pediatrics, Harvard Medical School

Hospital Appointments

1989-91 Staff Cardiologist, State University of New York Health Science Center at Brooklyn
 1991-02 Pediatric Cardiologist, Dept. of Pediatrics, Division of Cardiology, New England Medical Center, Boston, MA
 1991- Director, Pediatric Cardiology Clinic, Good Samaritan Hospital, Stoughton, MA
 1992-9 Consulting Cardiologist, Newton-Wellesley Hospital, Newton, MA
 1992-4 Consulting Cardiologist, Saints Memorial Medical Center, Lowell, MA
 1992-8 Consulting Cardiologist, St Joseph's Hospital, Nashua, NH
 1993-02 Director, Pediatric Exercise Physiology Laboratory, New England Medical Center, Boston, MA
 1993-02 Consulting Cardiologist, Winchester Hospital, Winchester, MA
 1994-8 Consulting Cardiologist, Beverly Hospital, Beverly, MA
 1994-02 Consulting Cardiologist, Lowell General Hospital, Lowell, MA
 1996-02 Consulting Cardiologist, Massachusetts General Hospital, Boston, MA
 1997-8 Acting Director, Pediatric Echocardiography Laboratory, New England Medical Center, Boston, MA
 1997- Consulting Cardiologist, South Shore Hospital, South Weymouth, MA
 1997-8 Acting Director, Fetal Cardiology Program, New England Medical Center, Boston, MA
 1997-9 Associate Chief, Division of Pediatric Cardiology, New England Medical Center, Boston, MA
 1999-01 Acting Chief, Division of Pediatric Cardiology, New England Medical Center, Boston, MA
 2000- Consulting Cardiologist, Saint Anne Hospital, Fall River, MA
 2001-02 Chief, Division of Pediatric Cardiology, New England Medical Center, Boston, MA
 2002 Consulting Cardiologist, Worcester Medical Center, Worcester, MA
 2002 Director, Exercise Physiology, Children's Hospital Boston, MA
 2002 Senior Associate in Cardiology, Children's Hospital Boston, MA

Major Committee Assignments

Albert Einstein College of Medicine

1985-86 PL-1 Selection Committee, Pediatric Residency Training Program

State University of New York Health Science Center at Brooklyn

1989-91 PL-1 Selection Committee, Pediatric Residency Training Program

Tufts New England Medical Center

1997-01 Human Investigations Review Committee, New England Medical Center, Boston, MA
 1998-02 PL-1 Selection Committee, Floating Hospital for Children, Boston, MA
 1998-02 Pediatric Department Incentive Compensation Committee, New England Medical Center, Boston, MA

National

1994-96 Member, Data Safety Monitoring Board for double-blinded, multi-institutional study of the effect of inhaled nitric oxide on persistent pulmonary hypertension of the newborn.
 1999 Chairman, Data Safety Monitoring Board for double-blinded, multi-institutional study of the effect of carvedilol on pediatric patients with congestive heart failure.

Memberships in Professional Societies

1989	American Heart Association, Council of Cardiovascular Diseases of the Young
1992	American Heart Association, Massachusetts Division
1992	American College of Cardiology
2001	Society for Pediatric Research

Community Service Related to Professional Work

Bosnian Children's Cardiac Surgery Mission

1998	Performed echocardiograms and cardiac catheterizations, and assisted in the post-operative care of Bosnian infants and children with congenital heart disease.
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Palestine Children's Relief Fund Mission

1999	Screened more than 70 indigent Palestinian infants and children; performed numerous echocardiograms and cardiac catheterizations, and helped with the peri-operative care of 9 surgical patients.
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Editorial Boards

1992	Journal of the American College of Cardiology, Ad hoc Reviewer
2004	Circulation, Ad hoc Reviewer
2005-	Pediatrics, Ad hoc Reviewer

Awards and Honors

1974-78	Dean's List: every semester at Columbia College.
1978	Elected to the Phi Lambda Upsilon Chemistry Honor Society.
1986	Leo M. Davidoff Award for Excellence in Teaching by a House Officer.
1991-02	Numerous Oliver Smith Awards: Recognizing excellence, compassion and service at New England Medical Center
1992	Fellow, American College of Cardiology
1995	Sidney S. Gellis Teaching Award Floating Hospital for Infants and Children, New England Medical Center, Boston, MA.
1996	Teacher of the Month Award, Floating Hospital for Infants and Children, New England Medical Center, Boston, MA
2001	Member, Society for Pediatric Research
2002	First Annual Tanner Award: Awarded to the individual who has had the greatest impact upon the lives of the Floating Hospital Pediatric Cardiology Patients
2005	First Place, Clinical Science Poster Competition, American Heart Association Meeting, Dallas TX

PART III: BIBLIOGRAPHY

Original Articles

1. Stevens J, Stevens YW, Rhodes J, Steiner G. Differences in nuclear glucocorticoid binding in corticoid sensitive and corticoid resistant lymphocytes of the mouse lymphoma P1798 and stabilization of nuclear hormone receptors with CBZ-1 Phenylalanine. *J Nat Cancer Inst.* December, 1978;61(6):1477-85.

2. Stevens J, Stevens YW, Sloan E, Rosenthal R, Rhodes J. Nuclear glucocorticoid binding in chronic lymphocytic leukemia lymphocytes. *Endocr Res Commun* 1978;5(2):91-108.
3. Rhodes J, Garofano RP, Bowman FO, Grant GP, Bierman FZ, Gersony WM. Effect of right ventricular anatomy on the cardiovascular response to exercise: implications for the Fontan procedure. *Circulation* 1990;81:1811-17.
4. Rhodes J, Barst RJ, Garofano RP, Thoele DG, Gersony WM. Hemodynamic correlates of exercise function in patients with primary pulmonary hypertension. *J Amer Coll Cardiol* 1991;18:1738-44.
5. Rhodes J, Schiller MS, Tejani A, Gonzales R. Hemodialysis-induced subaortic obstruction in asymmetric septal hypertrophy. *Am Heart J*. 1992;123:807-10.
6. Rhodes J, Schiller MS, Montoya CH, Fikrig S. Severe pulmonary hypertension without significant pulmonary parenchymal disease in a pediatric patient with the acquired immunodeficiency syndrome. *Clin Pediatr* 1992;31:629-31.
7. Rhodes J, Smolens IA, Tejani A, Schiller MS. Effect of hemodialysis on the left ventricular contractility of pediatric patients with end stage renal disease. *South Med J* 1993;86:545-50.
8. Rhodes J, Udelson JE, Marx GR, Schmidt CH, Konstam MA, Hijazi ZM, Bova SA, Fulton DR. A new noninvasive method for the estimation of peak dP/dt. *Circulation* 1993;88:2693-2699.
9. Rhodes J, Wung JT, Bierman FZ. The effect of blood pressure cuffs on the neonatal circulation: Their potential application to the infant with persistent pulmonary hypertension of the newborn. *Pediatric Cardiology* 1994; 16:20-23.
10. Hijazi ZM, Udelson JE, Snapper H, Rhodes J, Marx GR, Schwartz S, Fulton DR. Physiologic significance of chronic coronary aneurysms in patients with Kawasaki disease. *J Am Coll Cardiol* 1994;24:1633-38.
11. Hijazi ZM, Geggel RL, Aronovitz MJ, Marx GR, Rhodes J, Fulton DR. A new low profile balloon atrial septostomy catheter: initial animal and clinical experience. *J Invas Cardiol* 1994;6:209-212.
12. Hijazi ZM, Cao QL, Geggel RL, Schwartz S, Marx GR, Rhodes J, Fulton DR, Pandian N. Acoustic quantification of left ventricular volumes and function in children with congenital heart disease: Comparison with cineangiography. *Echocardiography* 1995;12(2):121-127.
13. Rhodes J, Hijazi ZM, Marx GR, Fulton DR. Aerobic exercise function of patients with persistent coronary artery aneurysms secondary to Kawasaki disease. *Pediatric Cardiol* 1996;17:226-230.
14. Geggel RL, Hijazi ZM, Rhodes J. Interventional cardiac catheterization therapy for combined coarctation of the aorta and patent ductus arteriosus: successful outcome in two infants. *Catheterization and Cardiovasc Diag* 1996;38:67-70.
15. Rhodes J, Marx GR, Tardiff JC, Romero BA, Robinson AR, Pandian N, Fulton DR. Transesophageal echocardiographic evaluation of ventricular dP/dt before and after open heart surgery. *Echocardiography* 1997;14:15-22.
16. Rhodes J, Fulton DR, Levine JC, Marx GR. Comparison between the mean dP/dt during isovolumetric contraction and other echocardiographic indices of ventricular function. *Echocardiography* 1997;14:215-222.

17. Rhodes J, Geggel RL, Marx GR, Bevilacqua L, Dambach YB, Hijazi ZM. Excessive anaerobic metabolism during exercise following repair of coarctation. Evidence for functionally significant residual arch obstruction. *J Pediatr*, 1997;131:210-214.
18. Paris, YM, Bhan I, Marx GR, Rhodes J. Truncus arteriosus with a single left ventricle. *Am Heart J*, 1997;133:377-380.
19. Hijazi ZM, Geggel RL, Marx GR, Rhodes J, Fulton DR. Balloon angioplasty for native coarctation of the aorta: Acute and mid-term results. *J Invas Cardiol* 1997;9:344-348.
20. Rhodes J, Warner KG, Fulton DR, Romero BA, Schmid CH, Marx GR. Fate of mitral regurgitation following repair of atrioventricular septal defect. *Am J Cardiol* 1997;80:1194-7.
21. Berul CI, Hill SL, Geggel RL, Hijazi ZM, Marx GR, Rhodes J, Walsh KA, Fulton DR. Electrocardiographic markers of late sudden death in postoperative tetralogy of Fallot. *J Cardiovasc Electrophysiol* 1997;8:1349-6.
22. Tarquino M, Geggel RL, Strauss RS, Rhodes J, Wunderlich B, Rohrer RJ. Treatment of pulmonary hypertension with inhaled nitric oxide during hepatic transplantation in an adolescent- reversibility of pulmonary hypertension after transplantation. *Clin Pediatr* 1998;38:505-9.
23. Rhodes J, Dave A, Pulling MC, Geggel RL, Marx GR, Fulton DR, Hijazi ZM. Effect of pulmonary artery stenosis on the cardiopulmonary response to exercise following repair of tetralogy of Fallot. *Am J Cardiol*, 1998;81:1217-9
24. Hijazi ZM, Bova S, Rhodes J. Simultaneous transcatheter closure of two secundum atrial septal defects using the Amplatzer septal occluder. *J Intervent Cardiol* 1998;11:181-4
25. Soliman DE, Maslow AD, Bokesch PM, Strafford M, Karlin L, Rhodes J, Marx GR. Transesophageal echocardiography during scoliosis repair: comparison with CVP monitoring. *Can J Anaesth* 1998;45:925-32
26. Rhodes J. Kawasaki Disease: Clinicopathologic Conference. *New Engl J Med* 1998;339:1619-26
27. Rhodes J. Exercise physiology following the Fontan procedure. (Letter to editor) *J Amer Coll Cardiol* 1998;32:1132
28. Acar P, Lascari C, Rhodes J, Pandian N, Warner K, Marx GR. Three-dimensional echocardiographic analysis of valve anatomy as a determinant of mitral regurgitation after surgery for atrioventricular septal defects. *Am J Cardiol* 1999;83:745-9
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30. Patel HT, Cao QL, Rhodes J, Hijazi ZM. Long-term outcome of transcatheter coil closure of small to large patent ductus arteriosus. *Cath and Cardiovasc Interven* 1999;47:457-61
31. Rhodes J, Fischbach PS, Patel H, Hijazi Z. Factors affecting the exercise capacity of pediatric patients with aortic regurgitation. *Pediatr Cardiol* 2000;21:328-33

32. Turkistani SZ, Rhodes J, Banerjee A, Pandian NG. Right ventricular response to stress: Exercise echocardiography in pediatric subjects. *Pediatr Cardiol*, 22:107-9, 2001
33. Rhodes J, O'Brien S, Patel H, Cao QL, Banerjee A, Hijazi ZM. Palliative balloon pulmonary valvuloplasty in tetralogy of Fallot: Echocardiographic predictors of successful outcome. *J Inv Cardiol* 2000;12:448-51
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35. Zhu W, Cao QL, Rhodes J, Hijazi ZM. Measurement of atrial septal defect size: A comparative study between three-dimensional transesophageal echocardiography and the standard balloon sizing method. *Pediatr Cardiol* 2000;21:465-9
36. Hill SL, Berul CI, Patel HT, Rhodes J, Supran SE, Cao QL, Hijazi ZM. Early ECG abnormalities associated with transcatheter closure of atrial septal defects using the Amplatzer Septal Occluder. *J Interven Card Electrophys* 2000;4:469-74
37. Rhodes J. Another useful index of ventricular function in patients with single ventricle. (Letter to the Editor) *Am J Cardiol* 2001;87:1137
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39. Du ZD, Cao QL, Joseph A, Koenig P, Heischmidt M, Waight DJ, Rhodes J, Borson J, Hijazi ZM. Transcatheter closure of patent foramen ovale in patients with paradoxical embolism: Intermediate-term risk of recurrent neurological events. *Cath Cardiovasc Interv* 2002;55:189-94
40. Rhodes J, Patel H, Hijazi ZM. Effect of transcatheter closure of atrial septal defect upon the cardiopulmonary response to exercise. *Amer J Cardiol* 2002;90:803-6
41. Du ZD, Cao QL, Rhodes J, Heitschmidt M, Hijazi Z. Choice of device size and results of transcatheter closure of atrial septal defects using the Amplatzer septal occluder. *J Interven Cardiol* 2002;15:287-92
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45. Sanghavi DM, Flannagan M, Curran TJ, Picard S, Rhodes, J. Determinants of exercise function following univentricular versus biventricular repair for pulmonary atresia-intact ventricular septum. *Am J Cardiol*, 2006;97:1638-43
46. Rhodes J, Bacha EA, Geggel RL. Co-existence of three rare congenital heart defects in a single patient: A unique case with important embryologic implication. *Pediatr Cardiol*, 2006;27:503-7

47. Rhodes J, Curran TJ, Camil L, Rabideau NC, Fulton DR, Gauthier NS, Gauvreau K, Jenkins KJ. Sustained effects of cardiac rehabilitation in children with serious congenital heart disease. *Pediatrics*, 2006;118:e586-93
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50. Meadows J, Powell AJ, Geva T, Dorfman A, Gauvreau K, Rhodes J. Cardiac magnetic resonance imaging correlates of exercise capacity in patients with operatively repaired tetralogy of Fallot. *Am J Cardiol*, 2007;100:1446-50
51. Singh TP, Rhodes J, Gauvreau K, Blume E. Longitudinal Changes in Heart Rate Recovery Following Maximal Exercise in Pediatric Heart Transplant Recipients: Evidence of Autonomic Re-innervation. *J Heart Lung Transpl*, 2007;26:1306-12
52. Singh TP, Curran TJ, Rhodes J. Cardiac rehabilitation improves heart rate recovery following peak exercise in children with repaired congenital heart disease. *Pediatr Cardiol* 2007;28:276-9
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Review Articles and Editorials

1. Rhodes J, Marx GM. Congenital Mitral Valve Disease. *Pediatric Ultrasound Today* 1996;2:18-37
2. Rhodes J, Banerjee A. Assessment of ventricular function in children. *Pediatric Ultrasound Today*, 1999;4:133-48
3. Rhodes J. Different Worlds (Vive la Difference). *Acta Paediatrica* 2008;97:400-1

Book Chapters

1. Rhodes J. Exercise Testing. In: Keane JF, Lock JE, Fyler DC, eds. *Nadas' Pediatric Cardiology*, 2nd Ed. Philadelphia: Elsevier, 2006
2. Rhodes J, Marx GM. Pulmonary Regurgitation. In: Hijazi ZH, Bonhoeffer P, eds. *Transcatheter Valve Repair*. Philadelphia: Martin Dunitz, Taylor Francis Group, 2006

Other Published Material

1. Rhodes J. Bicyclists discouraged on Washington Bridge. *New York Times*, Letter to the Editor, October 2, 1986
2. Rhodes J. Casualties of Mideast conflict. *Boston Globe*, Letter to the Editor, November 7, 2000
3. Acknowledged in: McNickle, Chris. *To Be Mayor of New York: Ethnic Politics in the City*. New York: Columbia University Press, 1993
4. Acknowledged in: Smith, Howard. *Let There Be Light: Modern Cosmology and Kabbalah: A New Conversation Between Science and Religion*. Boston: New World Library, 2006