

Curriculum Vitae

Date Prepared: January 16, 2012
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Place of Birth: Rutland, Vermont

Education

1992	B.S. Magna Cum Laude	Biology	Boston College, Chestnut Hill, MA
1996	M.D.	Medicine	University of Vermont College of Medicine, Burlington, VT

Postdoctoral Training

06/96-06/97	Intern	Internal Medicine and Pediatrics	Duke University, Durham, NC
07/97-06/00	Resident	Internal Medicine and Pediatrics	Duke University, Durham, NC
07/00-06/01	Chief Resident	Pediatrics	Duke University Medical Center, Durham, NC
07/01-06/06	Fellow	Pediatric Cardiology and Adult Cardiovascular Disease	Duke University, Durham, NC
07/04-06/06	Fellow	Cardiovascular Magnetic	Duke University,

Resonance Imaging Fellowship Durham, NC

Faculty Academic Appointments

2006-present	Assistant Consulting Professor (no voting privileges)	Internal Medicine, Cardiovascular Division	Duke University Medical Center, Durham, NC
2006-12/2010	Instructor	Pediatrics	Harvard Medical School Boston, MA
12/2010-present	Assistant Professor	Pediatrics	Harvard Medical School Boston, MA
6/2011-present	Assistant Professor	Medicine	Harvard Medical School, Boston, MA

Appointments at Hospitals/Affiliated Institutions

07/00-06/01	Associate	Internal Medicine and Pediatrics	Duke University Medical Center, Durham, NC
8/2006-present	Associate	Cardiology	Children's Hospital Boston, Boston, MA
8/2006-present	Assistant	Cardiology	Brigham and Women's Hospital, Boston, MA
6/2007-present	Courtesy Staff	Cardiology	Beth Israel Deaconess Medical Center, Boston, MA

Major Administrative Leadership Positions

Local

2008-present	Director, Outpatient Program, Boston Adult Congenital Heart (BACH) and Pulmonary Hypertension Program	Children's Hospital Boston, Brigham and Women's Hospital, Boston, MA
2008-present	Co-Director, Boston Adult Congenital Heart (BACH) and Pulmonary Hypertension Senior Fellowship	Children's Hospital Boston, Brigham and Women's Hospital, Boston, MA

2008-2009	Executive Board Member, Boston Children's Heart Foundation	Children's Hospital Boston, Boston, MA
2010-present	Co-Director, Brigham and Women's Hospital Pregnancy and Cardiovascular Program	Brigham and Women's Hospital, Boston, MA

National and International

2006-2009	Secretary	Alliance for Adult Research in Congenital Cardiology (AARCC) Group
2007-2010	Pediatric Council Board Member	American Society of Echocardiography, Congenital Heart Council
2010-2011	Vice-Chairperson	Alliance for Adult Research in Congenital Cardiology (AARCC) Group
2011-2012	Chairperson	Alliance for Adult Research in Congenital Cardiology (AARCC) Group
2011-2013	Council on Clinical Cardiology (CLCD)/Council on Cardiovascular Disease in the Young (CVDY) Adults with Congenital Heart Disease Committee	American Heart Association
2012-2014	New England Congenital Cardiology Association Board Member	New England Congenital Cardiology Association (NECCA)

Committee Service

Local

1996	Pew Steering Trust Committee	Duke University Medical Center, Durham, NC
1998	Pediatric Residency Curriculum Committee	Duke University Medical Center, Durham, NC
1999-2001	North Carolina Pediatric Society, Educational Committee	Duke University Medical Center, Durham, NC
2000-2006	Internal Medicine and Pediatrics Residency Program Selection Committee	Duke University Medical Center, Durham, NC

2006-present	Pediatric Cardiology Fellowship Selection Committee	Children's Hospital Boston, Boston, MA
2009-2010	Adult Cardiovascular Fellowship Selection Committee	Brigham and Women's Hospital, Boston, MA

National and International

2011	American College of Cardiology Annual Scientific Sessions Program Committee	American College of Cardiology
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Professional Societies

1996-2006	American Academy of Pediatrics	Member
2001-present	Adult Congenital Heart Association	Member
2001-2008	American College of Cardiology	Member
2001-present	American Heart Association	Member
2003-present	International Society of Adults with Congenital Heart Disease	Member
2005-present	Society for Cardiac Magnetic Resonance Imaging	Member
2008-present	American Society of Echocardiography	Member
2008-present	American College of Cardiology	Fellow

Editorial Activities

Ad hoc Reviewer

American Heart Journal
 American Journal of Cardiology
 Circulation
 Circulation: Heart Failure
 International Journal of Cardiology
 Journal of the American Society of Echocardiography
 Journal of Thoracic and Cardiovascular Surgery
 Pediatrics

Honors and Prizes

1992	Scholar of the College	Boston College
1992	<i>Phi Beta Kappa</i>	Boston College
1996	<i>Alpha Omega Alpha</i>	University of Vermont, College of Medicine

1996	W. Eustis Brown Award	University of Vermont, College of Medicine
1996	Dr. H. Martin Sr Award	University of Vermont, College of Medicine
2000	Annual Resident Teaching Award	Duke University Medical Center, Department of Pediatrics
2001	Annual Fellow Teaching Award	Duke University Medical Center, Department of Pediatrics
2003	Women in Cardiology Travel Award	American Heart Association
2003	Michael Frank Teaching Award	Duke University Medical Center, Department of Pediatrics
2004	Fellow Travel Award	American College of Cardiology
2005	Non-invasive Cardiology Case of the Year	American College of Cardiology, North and South Carolinas Chapter
2006	Pediatric Cardiology Fellow Travel Award	American Society of Echocardiography
2010	Emerging Faculty Program Participant	American College of Cardiology Foundation
2010	William Parmley Prize	Journal of the American College of Cardiology
2011	University of Vermont College of Medicine Early Achievement Award	University of Vermont College of Medicine
2011	Lerner Research Award	Brigham and Women's Hospital, Department of Cardiology

Report of Scholarship

[Peer reviewed publications in print or other media](#)

Research Investigations:

1. **Valente AM**, Taatjes D, Mount, S. Comparison of the Pattern of Expression of the Leu-M1 Antigen in Adenocarcinomas, Neutrophils, and Hodgkin's Disease by Immunoelectron Microscopy. *Histochemistry* 1995; 103:181-186.
2. Baker S, Milazzo A, **Valente AM**, Paul I, Talner N, Sanders S, Kanter R, Li, J. Measures of Cardiac Repolarization and Body Position in Infants. *Clinical Pediatrics* 2003;42:67-70.

3. **Valente AM**, Jain R, Scheurer M, Fowler V, Corey GR, Bengur AR, Sanders S, Li, J. Frequency of Infective Endocarditis Among Infants and Children With *Staphylococcus aureus* Bacteremia. *Pediatrics* 2005; 115:e15-19.
4. **Valente AM**, Sena L, Powell A, Del Nido P, Geva T. Cardiac MRI Evaluation of Sinus Venous Defects: Comparison to Surgical Findings. *Pediatric Cardiology* 2007;28:51-56.
5. Wald RM, Haber I, Wald R, **Valente AM**, Powell AJ, Geva T. The Effect of Regional Dysfunction and Late Gadolinium Enhancement on Global Right Ventricular Function and Exercise Capacity in Patients with Repaired Tetralogy of Fallot. *Circulation* 2009; 119:1370-7.
6. Strigl S, Beroukhim R, **Valente AM**, Geva T, Powell AJ. Feasibility of Dobutamine Stress Cardiovascular Magnetic Resonance Imaging in Children. *Journal of Magnetic Resonance Imaging* 2009; 29:313-19.
7. Sheikh A, Barrett C, Villamizar N, Alzate O, **Valente AM**, Herlong JR, Craig D, Lodge A, Lawson J, Milano C, Jagers J. Right ventricular hypertrophy with early dysfunction: A proteomics study in a neonatal model. *J Thorac Cardiovasc Surg* 2009; 137:1146-53.
8. Griffiths ER, Kaza AK, Wyler von Ballmoos MC, Loyola HB, **Valente AM**, Blume ED, del Nido P. Evaluating Failing Fontans for Heart Transplantation: Predictors of Death. *Annals of Thoracic Surgery* 2009; 88:558-63.
9. **Valente AM**, Lock JE, Gauvreau K, Rodriguez-Huertas E, Joyce C, Armsby L, Bacha EA, Landzberg MJ. Predictors of Long-term Adverse Outcomes in Patients with Congenital Coronary Artery Fistulae. *Circulation Cardiovascular Interventions* 2010; 3:134-39.
10. **Valente AM**, Bhatt AB, Cook S, Earing MG, Gersony DR, Aboulhosn J, Opotowsky AR, Lui G, Gurvitz M, Graham D, Fernandes SM, Khairy P, Webb G, Gerhard-Herman M, Landzberg MJ for the Alliance for Adult Research in Congenital Cardiology (AARCC) Investigators. Congenital Heart Disease in Adults Lower Extremity Systemic Venous Health in Fontan Patients (CALF) Study. *Journal of American College of Cardiology* 2010; 56:144-50.
11. Khairy P, Aboulhosn J, Gurvitz M, Opotowsky AR, Mongeon F, Kay J, **Valente AM**, Earing M, Lui G, Gersony DR, Cook S, Ting J, Nickolaus MJ, Webb G, Landzberg MJ, Broberg C from the Alliance for Adult Research in Congenital Cardiology (AARCC) Investigators. Arrhythmia Burden in Adults with Surgically Repaired Tetralogy of Fallot: A Multi-Institutional Study. *Circulation* 2010; 122: 868-75.

12. Turer AT, Samad Z, **Valente AM**, Parker M, Hayes B, Kim RJ, Kisslo J, Wang A. Anatomic and clinical correlates of septal morphology in hypertrophic cardiomyopathy. *European Journal of Echocardiography* 2011; 12:131-9.
13. Lui GK, Silversides CK, Khairy P, Fernandes SM, **Valente AM**, Nickolaus MJ, Earing MG, Aboulhosn JA, Rosenbaum MS, Cook S, Kay JD, Jin Z, Gersony DR for the Alliance for Adult Research in Congenital Cardiology (AARCC) Investigators. Heart Rate Response During Exercise and Pregnancy Outcome in Women with Congenital Heart Disease. *Circulation* 2011; 123: 242-48.
14. Broberg C, Aboulhosn J, Mongeon FP, Cook S, Earing M, Gersony D, Kay J, Khairy P, Landzberg MJ, Lui G, Nickolaus M, Opotowsky A, **Valente AM**, Warnes C, Webb G, Gurvitz MZ for the Alliance for Adult Research in Congenital Cardiology (AARCC) Investigators. Prevalence of Left Ventricular Systolic Dysfunction in Adults with Repaired tetralogy of Fallot. *Am Journ Cardiol* 2011; Feb 22 epub ahead of print.
15. Aboulhosn J, Broberg C, Mongeon FP, Gersony D, Webb G, **Valente AM**, Nickolaus M, Opotowsky A, Landzberg MJ, Lui G, Khairy P, Kay J, Earing M, Cook S, Warnes C, Child JS, Gurvitz MZ. Left ventricular diastolic dysfunction in adults with repaired tetralogy of Fallot. *Congenital Heart Disease* 2011 (in press).
16. Bhatt AB, Landzberg MJ, Gerhard-Herman M, Rodriguez-Huertas E, Graham D, **Valente AM**. Pathophysiology of Chronic Venous Insufficiency in Adults with a Fontan Circulation. *International Journal of Cardiology* 2011 (in press).
17. Haggerty CM, Fynn-Thompson F, McElhinney D, **Valente AM**, Saikrishnan, N, del Nido P, Yoganathan A. Experimental and Numerical Investigation of Impella Pumps as Cavopulmonary Assistance for Failing Fontans. *The Journal of Thoracic and Cardiovascular Surgery* 2011 (in press).

[Non-peer reviewed scientific or medical publications/materials in print or other media](#)

Proceedings of Meetings

1. Shah SH, Dery JP, Fischl M, Heitner J, Meine TJ, Patel MR, **Valente AM**, Waters R, Yager J. Highlights from the American College of Cardiology Annual Scientific Sessions 2004: *American Heart Journal* 2004; 148:254-262.
2. Patel MR, Baeza RG, Goyal A, Halabi A, Melloni C, Oliveira G, Tricoci P, **Valente AM**. Highlights from the American College of Cardiology Annual Scientific Session 2005: March 6 to 9, 2005. *American Heart Journal* 2005; 149:1009-1019.
3. Shah SH, Patel MR, Goyal A, Amos A, Baeza R., Halabi A, Lam G, Mitchell R, Oliverio G, **Valente AM**. Highlights from the American Heart Association Annual Scientific Sessions 2004: November 7-10, 2004. *American Heart Journal* 2005;149:240-253.

Reviews, Chapters, Monographs and Editorials

1. **Valente AM**, Strong W, Sinaiko A. Obesity and Insulin Resistance in Young People. *American Heart Journal* 2001; 142: 440-444.
2. **Valente AM**, Newburger J, Lauer R. Hyperlipidemia in Children and Adolescents. *American Heart Journal* 2001; 142:433-439.
3. Harrison, JK, **Valente AM**, Crowley, AC, Kim RJ. Clinical Use of Cardiac Magnetic Resonance Imaging. *ASIM*. 2005; 5:351-359.
4. **Valente AM**, Fleishman CE, Talner NS. Chapter: Cardiovascular Disease in the Newborn. In ed. Julia McMillan, Ralph Feigin, Catherine Deangelis, M. Douglas Jones, Jr. Oski Textbook of Pediatrics, 4th Edition. Lippincott, Williams and Wilkins, Philadelphia. 2006: 339-360.
5. **Valente AM**, Bashore T. Unusual Cardiomyopathies: Ventricular Noncompaction and Takotsubo Cardiomyopathy. *Reviews in Cardiovascular Medicine* 2006:111-118.
6. **Valente AM**, Rhodes, JF. Current Indications and Contraindications for Transcatheter ASD/PFO Device Closure. *American Heart Journal* 2007; 153:81-84.
7. **Valente AM**, Powell AJ. Clinical Applications of Cardiovascular Magnetic Resonance in Congenital Heart Disease. *Cardiology Clinics* 2007; 25:97-110.
8. Cook, A, Hurwitz L, **Valente AM**, Herlong JR. Right Heart Dilation in Adults: Congenital Etiologies. *American Journal of Roentgenology* 2007; 189; 592-601.
9. **Valente AM**, Powell AJ. Clinical Applications of Cardiovascular Magnetic Resonance in Congenital Heart Disease. *Magnetic Resonance Imaging Clinics of North America* 2007; 15:565-577.
10. Khairy P, Abul Hosn JA, Broberg C, Cook S, Earing M, Gersony D, Kay J, Landzberg MJ, Nickolaus MJ, Opatowsky S, **Valente AM**, Warnes C, Webb G, Gurvitz MZ; The Alliance for Adult Research in Congenital Cardiology. Multicenter research in adult congenital heart disease. *International Journal of Cardiology* 2008; 129:155-9.
11. **Valente AM**, Landzberg MJ, Powell AJ. Chapter: Adult Congenital Heart Disease. In ed. Peter Libby, The Brigham and Women's Essential Atlas of Cardiovascular Diseases, Springer, New York, New York. 2009: 231-246.
12. **Valente AM**, Landzberg MJ, Bacha E. Chapter: Adult Congenital Cardiac Surgery. In ed. Frank Selke Pedro del Nido, Scott Swanson, Sabiston and Spencer. *Surgery of the Chest*, 8th edition, Elsevier, Philadelphia. 2010: 2069-2082.
13. **Valente AM**. Chapter: Perioperative Management of the Adult with Congenital Heart Disease. In ed. Ian Gilchrest, *Current Concepts in Adult Critical Care*, Society of Critical Care Medicine, Mt. Prospect, Illinois. 2010: 135-145.

14. Egidy Assenza G, Krieger E, **Valente AM**, Landzberg MJ. Vascular Health and Cardiovascular Prevention in Adult Patients with Congenital Heart Disease. *High Blood Press Cardiovasc Prev* 2010; 17(1): 15-25.
15. Wu F, Ukomadu C, Odze R, **Valente AM**, Mayer J, Earing M. Liver Disease in the Patient with Fontan Circulation. *Congenital Heart Disease* 2011; 6:190-201.
16. **Valente AM**, King ME. Chapter: Echocardiographic Approach of the Adult with Unoperated Congenital Heart Disease. *The Practice of Clinical Echocardiography, Fourth Edition*, Elsevier, Philadelphia 2012 (in press).
17. **Valente AM**. Congenital Right and Left Ventricular Outflow Tract Lesions. American College of Cardiology Self Assessment Program 8 (in press).
18. **Valente AM**. Transposition of the Great Arteries. American College of Cardiology Self Assessment Program 8 (in press).
19. Kim Y, Landzberg MJ, **Valente AM**. Adult Congenital Heart Disease. *Brigham Intensive Review of Internal Medicine Book* (in press)

Case Reports

1. Banka P, Geva T, Powell AJ, Geggel R, Lahiri T, **Valente AM**. Right Aortic Arch with Aberrant Left Innominate Artery: A Rare Vascular Ring. *Images in Clinical Medicine. Circulation* 2009; 120: 264-5.
2. Benson C, **Valente AM**, Economy KE, Hoffman-Sage Y, Bevilacqua LM, Podovei M, Opotowsky AR. Discovery and Management of Diaphragmatic Hernia Related to Abandoned Epicardial Pacemaker Wires in a Pregnant Woman with {S,L,L} Transposition of the Great Arteries. *Congenital Heart Disease* 2011 (in press)

Letters to the Editor

1. Worley G, Garges H, **Valente AM**, Kredich D. Hypothyroidism in House Officers. *Lancet*. 2002; 360(9336):879.