

CURRICULUM VITAE

Eric Matthew Graham

Work Address:
Pediatric Cardiology
165 Ashley Avenue
Charleston, SC 29425

EDUCATION:

1991-1995 Indiana University.
B.S., Biology
1995-1999 University of Illinois College of Medicine.
M.D.

POSTDOCTORAL TRAINING:

1999-2002 Medical University of South Carolina.
Resident in Pediatrics.
2002-2005 Medical University of South Carolina.
Fellow in Pediatric Cardiology.
2005-2006 Medical University of South Carolina.
Junior Faculty/Senior Fellow in Pediatric Cardiac Critical Care.

SPECIALTY/BOARD CERTIFICATION:

2002 American Board of Pediatrics (75533)
2006 American Board of Pediatrics – Sub Board of Pediatric Cardiology (1912)

FACULTY APPOINTMENTS:

7/2005-Present Medical University of South Carolina.
Assistant Professor, Department of Pediatrics.
Division of Pediatric Cardiology.

ADMINISTRATIVE APPOINTMENTS:

11/2007-Present Associate Director, Pediatric Cardiology Fellowship Program

AWARDS:

1995-1999 Carle Foundation Hospital Auxiliary Scholarship
1997-1998 Medicine Scholarship for Academic Excellence
2005-2007 National Institutes of Health Loan Repayment Programs
Funded in Pediatric Research
2005-2006 Customer Service Award
Voted on by the Pediatric Cardiac ICU nurses and staff
2006 Mitchell I. Rubin Research Award
MUSC Children's Hospital Department of Pediatrics
2007 American College of Cardiology Foundation/Pfizer Scholar
2007-2009 National Institutes of Health Loan Repayment Programs
Funded in Pediatric Research
2007-Present Best Doctors

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

7/1999-6/2002 American Academy of Pediatrics
7/1999-Present South Carolina Medical Association
7/2002-Present American College of Cardiology
6/2004-Present American Heart Association
10/2005-Present Pediatric Cardiac Intensive Care Society

ACADEMIC COMMITTEE ACTIVITIES:

2/2007-Present Children's Hospital Infection Prevention Committee
12/2007-Present Children's Hospital Electrolyte Task Force

TEACHING EXPERIENCE:

2003-Present Pediatric Advanced Life Support Instructor
2004-Present Teacher in Cardiovascular Pathology
2005-Present Medical Student Lecture Series
2005-Present Pediatric Resident Lecture Series
2005-Present Pediatric Cardiology Fellows Lecture Series

INVITED SPEAKER:

February 2005 4th Annual Charleston Mini-Symposium on Pediatric Cardiology. Hypoplasia of the Left Heart. Illustrative Clinical Scenarios.
May 2007 5th Annual Charleston Symposium on Pediatric Cardiology. Perioperative Illustrative Clinical Scenarios.
March 2008 American College of Cardiology 57th Annual Scientific Session. Chicago, IL. Pediatric Cardiovascular Case Presentations with Audience Interactions.

PUBLICATIONS

ORIGINAL REPORTS:

1. **Graham EM**, Bradley SM, Shirali GS, Hills CB, Atz AM. Effectiveness of cardiac surgery in trisomies 13 and 18 (from the Pediatric Cardiac Care Consortium). *Am J Cardiol* 2004; 93:801-803.
2. **Graham EM**, Bradley SM, Atz AM. Preoperative management of hypoplastic left heart syndrome. *Expert Opin Pharmacother* 2005; 6(5):687-693.
3. **Graham EM**, Bandisode VM, Atz AM, Kline CH, Taylor MH, Ikonomidis JS. Percutaneous occlusion of a pseudo-aneurysm evolving after homograft aortic valve and root replacement using the Amplatzer muscular VSD occluder. *J Thorac Cardiovasc Surg* 2006; 131:914-916.
4. **Graham EM**, Forbus GA, Bradley SM, Shirali GS, Atz AM. Incidence and outcome of cardiopulmonary resuscitation in shunted single ventricle patients: Advantage of right ventricle to pulmonary artery shunt. *J Thorac Cardiovasc Surg* 2006; 131:e7-8.
5. Laudito A, **Graham EM**, Stroud MR, Bandisode V, Bhat AN, Crawford Jr. FA, Atz AM, Bradley SM. Complete repair of conotruncal defects with an interatrial communication: Oxygenation, hemodynamic status, and early outcome. *Ann Thorac Surg* 2006; 82:1286-1291.
6. **Graham EM**, Shakir H, Atz AM, Ringewald JM, Bradley SM. Neo-aortic root modification for late thrombosis following Norwood palliation. *Ann Thorac Surg* 2006; 82:e29-30.
7. **Graham EM**, Atz AM, Bradley SM, Scheurer MA, Bandisode VM, Laudito A, Shirali GS. Does a ventriculotomy have deleterious effects following palliation in the Norwood procedure using a shunt placed from the right ventricle to the pulmonary arteries? *Cardiol Young* 2007; 17:145-150.
8. Scheurer MA, Hill EG, Vasuki N, Maurer S, **Graham EM**, Bandisode V, Shirali GS, Atz AM, Bradley SM. Survival after bidirectional cavopulmonary anastomosis: Analysis of preoperative risk factors. *J Thorac Cardiovasc Surg.* 2007; 134:82-89.
9. **Graham EM**, Scheurer MA, Saul JP, Bradley SM, Atz AM. QRS duration following the Norwood procedure: Blalock-Taussig shunt versus right ventricle to pulmonary artery shunt. *Pacing Clin Electrophysiol* 2007; 30:1336-1338.
10. **Graham EM**, Bandisode VM, Bradley SM, Crawford Jr. FA, Simsic JM, Atz AM. Effect of preoperative use of propranolol on postoperative outcome in patients with tetralogy of Fallot. *Am J Cardiol* 2008; 101:693-695.

TEXT BOOK CHAPTERS:

1. Wagner CL, **Graham EM**, Hope WW. Counseling the breast-feeding mother. eMedicine 2001.
2. Wagner CL, **Graham EM**, Hope WW. Human milk and lactation. eMedicine 2001.
3. **Graham EM**, Atz AM. The special setting of cavopulmonary anastomosis. In: Beghetti M, ed. Pulmonary Arterial Hypertension Related to Congenital Heart Disease. Munich: Elsevier, 2006:67-74.
4. **Graham EM**, Shirali GS. Hypoplastic left heart syndrome. In: Crawford MH, DiMarco JP, Paulus WJ ed. Cardiology, 7:12. London: Mosby International, 2008 (in press).
5. May BV, **Graham EM**. Congenital heart disease. In: Miller RD, Reves JG ed. Atlas of Anesthesia: Cardiothoracic Anesthesia. Philadelphia: Churchill Livingstone, 2008 (in press).

ABSTRACTS – Presented and Published:

1. **Graham EM**, Bradley SM, Shirali GS, Hills CB, Atz AM. Cardiac surgery in trisomy 13 and 18: An 18-year multicenter experience. Presented at the American Heart Association Scientific Sessions, Chicago IL, Nov. 2002. Circulation 2002; 106(19):II-596.
2. Laudito A, **Graham EM**, Shirali GS, Atz AM, Bandisode V, Bradley SM. Evaluation for second stage palliation following the Norwood procedure: Right ventricle to pulmonary artery versus modified Blalock-Taussig shunt. Presented at the American Heart Association Scientific Sessions, New Orleans LA, Nov. 2004. Circulation 2004; 110(17):III-529.
3. Scheurer M, Vasuki N, Maurer S, **Graham EM**, Bandisode V, Shirali GS, Atz AM, Bradley SM. Survival after bidirectional cavopulmonary anastomosis: A risk factor analysis. Presented at the American Heart Association Scientific Sessions, Dallas TX, Nov. 2005. Circulation 2005; 112(17):II-732-733.
4. **Graham EM**, Forbus GA, Bradley SM, Shirali GS, Atz AM. Incidence and outcome of cardiopulmonary resuscitation in shunted single ventricle patients: Advantage of right ventricle to pulmonary artery shunt. Presented at the American Heart Association Resuscitation Science Symposium, Dallas TX, Nov. 2005. Circulation 2005; 112(17):II-1113.
5. **Graham EM**, Scheurer MA, Saul JP, Bradley SM, Atz AM. QRS duration following the Norwood procedure: Blalock-Taussig shunt versus right ventricle to pulmonary artery shunt. Presented at the Proceedings of the 2005 Pediatric Cardiac Intensive Care Symposium, Miami FL, Dec. 2005. Pediatr Crit Care Med 2006; 7(6):S28.
6. **Graham EM**, Atz AM, Bradley SM, Scheurer MA, Bandisode VM, Laudito A, Shirali GS. Right ventricle to pulmonary artery shunt versus modified Blalock-Taussig shunt in hypoplastic left heart syndrome: Assessment and outcome through Stage 2 palliation. Presented at the American College of Cardiology Scientific Sessions, Atlanta GA, March 2006. J Am Coll Cardiol 2006; 47(4):238A.
7. **Graham EM**, Bandisode VM, Bradley SM, Crawford FA, Simsic JM, Atz AM. Does the preoperative use of inderal in patients with tetralogy of Fallot effect postoperative outcomes? Presented at the 10th Annual Update on Pediatric Cardiovascular Disease, Orlando FL, Feb. 2007. Cardiol Young. 2007; 17:E-S16.

ABSTRACTS – Presented (not Published):

1. **Graham EM**, Bradley SM, Shirali GS, Hills CB, Atz AM. Cardiac surgery in trisomy 13 and 18: An 18-year multicenter experience. Presented at the 35th Annual Meeting of the Southeastern Pediatric Cardiology Society, Aug. 2002.

2. Manrique A, **Graham E**, Atz A, Munoz R. Preoperative management of Stage 1. Experience in two institutions 2001-2005. Preliminary Results. Presented at the 4th World Congress of Pediatric Cardiology and Cardiac Surgery, Buenos Aires, Argentina, Sep. 2005.
3. **Graham EM**, Atz AM, Bradley SM, Scheurer MA, Bandisode VM, Laudito A, Shirali GS. Early results comparing the right ventricle to pulmonary artery shunt versus modified Blalock-Taussig shunt in hypoplastic left heart syndrome. Presented at the 8th Annual Update on Pediatric Cardiovascular Disease, Orlando FL, Feb. 2005.
4. **Graham EM**, Forbus GA, Bradley SM, Shirali GS, Atz AM. Incidence and outcome of cardiopulmonary resuscitation in shunted single ventricle patients: Advantage of right ventricle to pulmonary artery shunt. Presented at the 9th Annual Update on Pediatric Cardiovascular Disease, Scottsdale AZ, Feb. 2006.

RESEARCH SUPPORT:

National Heart Lung and Blood Institute
 Pediatric Heart Disease Clinical Research Network U01 HL68281
 Principal Investigator: J. Philip Saul, M.D.
 Co-Investigator: Eric M. Graham, M.D.
 Project Period: 9/1/01-8/31/06 (renewed 9/01/06-8/31/11)
 Trial of ACE Inhibition in Infants with Single Ventricle

National Heart Lung and Blood Institute
 Pediatric Heart Disease Clinical Research Network U01 HL68281
 Principal Investigator: J. Philip Saul, M.D.
 Co-Investigator: Eric M. Graham, M.D.
 Project Period: 9/1/01-8/31/06 (renewed 9/01/06-8/31/11)
 Trial of Right Ventricular Versus Modified Blalock-Taussig Shunt in Infants with Single Ventricle Defect Undergoing Stage 1 Reconstruction

American College of Cardiology Foundation/Pfizer
 Career Development Award in Clinical or Preventive Cardiovascular Medicine
 Principal Investigator: Eric M. Graham, M.D.
 Supervising Mentor: Andrew M. Atz, M.D.
 Project Period: 7/1/07-6/30/10
 Preoperative Corticosteroid Therapy in Neonates Undergoing Cardiopulmonary Bypass

Actelion, Inc
 Tracking Outcomes and Practice in Pediatric Pulmonary Hypertension (TOPP) Registry
 Principal Investigator: Andrew M. Atz, M.D.
 Co-Investigator: Eric M. Graham, M.D.
 Project Period: 12/14/07-12/31/09