

CURRICULUM VITAE

Name: Andrew M. Atz

Office Address: PO Box 250915, MUSC Children's Hospital, Charleston, SC 29425

Education:

Institution/Location	Years	Degree/Date	Field of Study
University of Florida	1981-1985	B.S. /1985	Microbiology
University of Florida	1985-1989	M.D/1989	Medicine

Internship:

Intern in Pediatrics	Johns Hopkins Hospital, Baltimore, MD	1989-1990
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Residencies or Post Doctoral:

Resident in Pediatrics	Johns Hopkins Hospital, Baltimore, MD	1990-1992
Fellow in Cardiology	Children's Hospital, Boston, MA	1992-1994
Chief Fellow in Cardiology	Children's Hospital, Boston, MA	1994-1995
Clinical Fellow in Pediatrics	Harvard Medical School, Boston, MA	1992-1995
Fellow, Pediatric Cardiac ICU	Children's Hospital, Boston, MA	1995-1996
Leadership Development	Harvard School of Public Health	2007

Specialty/Board Certification: General Pediatrics (55283)	Date: 1995, 2002
Pediatric Cardiology (1193)	1996, 2002

Faculty Appointments (Begin with initial appointment):

Years	Rank	Institution	Department
1995-1998	Instructor in Pediatrics	Harvard Medical School, Boston, MA	Pediatrics
1995-1998	Assistant in Cardiology	Children's Hospital, Boston, MA	Medicine
1998-2003	Assistant Professor	Medical University of South Carolina	Pediatrics
2003- present	Associate Professor	Medical University of South Carolina	Pediatrics

Administrative Appointments:

Years	Position	Institution	Department
1998-present	Director, Pediatric Cardiac Intensive Care	MUSC	Pediatrics
2003-present	Associate Chief, Division of Cardiology	MUSC	Pediatrics

Hospital Appointments/Privileges:

Years	Active/Inactive	Institution
1992-1998	Inactive	Children's Hospital, Boston
1998-present	Active	Medical University of South Carolina Hospital
1999-present	Consulting Staff	Roper Hospital
2000-present	Consulting Staff	Self Memorial Hospital

Membership in professional/scientific societies (include offices held):

American Medical Association
American Academy of Pediatrics
American College of Cardiology
South Carolina Medical Association
Charleston County Medical Society
Pediatric Cardiac Intensive Care Society (Board of Directors 2004-2008)
American Heart Association- Cardiovascular Disease in the Young Council (Member of Program Committee, 2007-2010)
Society for Pediatric Research

Editorial Positions: Invited reviewer for:

Journal of Thoracic and Cardiovascular Surgery
Journal of American College of Cardiology
Circulation
Journal of Pediatrics
Cardiology in the Young
American Journal of Cardiology
American Journal of Respiratory and Critical Care Medicine

**Extramural Grants/award amount (current and past):
As Principal Investigator (% time)**

NIH

Charles A. Janeway Child Health Research Center Award
Dose response and biochemical mechanisms of inhaled nitric oxide in pulmonary hypertension
Principal Investigator: Andrew M. Atz, M. D.
Percent Effort: 50%
Annual stipend: \$40,159
Project Period: 12/1/96- 11/30/98

Sanofi-Syntehtlabo, Inc

Prophylactic Use of Primacor in Pediatric Patients at High Risk of Developing Low Cardiac Output Syndrome Following Cardiac Surgery
Principal Investigator: Andrew M. Atz, M. D.
National Steering Committee Member
Percent Effort 3%
Total Costs: \$102,000
Project Period: 6/1/00- 6/1/01

Inotherapeutics, Inc

Safety and epidemiological trial of nitric oxide for inhalation delivered during inter-hospital transportation
Principal Investigator: Andrew M. Atz, M.D.
Percent Effort: 1%
Total Costs: \$1,500
Project Period: 8/1/00-8/1/01

Sun Tech Medical Instruments, Inc

Validation of the Sun Tech Medical Instruments, Inc. Advantage OEM Blood Pressure Module Study of Newborns with Umbilical Artery Catheters
Principal Investigator: Andrew M. Atz, M.D.
Percent Effort: 2%
Total Costs: \$26,000
Project Period: 1/1/02-12/31/02

Medimmune, Inc

A Study of the Safety, Tolerance, and Efficacy of Palivizumab (MEDI-493, Synagis) for Prophylaxis of Respiratory Syncytial Virus in Children with Congenital Heart Disease
Principal Investigator: Andrew M. Atz, M.D.
Percent Effort: 1%
Total Costs: \$8,000
Project Period: 10/15/01- 10/15/02

Functional Health Changes in Survivors for Hypoplastic Left Heart Syndrome. Improving Outcomes for Hypoplastic Left Heart Syndrome: Yearly Survey
Principal Investigator: Andrew M. Atz, M.D.

Percent Effort: 1%
Total Costs: \$7,431
Project Period: 1/1/02-1/1/07

Survival and Risk Factor Analysis for the New Era of Hypoplastic Left Heart Syndrome (HLHS) Surgery
Principal Investigator: Andrew M. Atz, M.D.
Percent Effort: 1%
Total Costs: \$5,500
Project Period: 3/1/03-3/1/04

Inotherapeutics, Inc
The Effects of Inhaled Nitric Oxide in the Treatment of Acute Hypoxemic Respiratory Failure (AHRF) in Pediatrics
Percent Effort: 1%
Co-Investigator- Andrew M. Atz, M.D.
Project Period: 3/28/03-3/28/04

Pfizer, Inc.
A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Dose-Ranging, Parallel Group Study of Intravenous Sildenafil in the Treatment of Children, Aged 0 to 17 with Pulmonary Hypertension After Corrective Cardiac Surgery Protocol Number: A1481134
Percent Effort: 1%
Principal Investigator: Andrew M. Atz, M.D.
Project Period: 5/1/03-5/1/04

University of Utah
A Multicenter, Placebo-Controlled, Eight Month Study of the Effect of Twice Daily Carvedilol in Children with Congestive Heart Failure Due to Systemic Ventricular Systolic Dysfunction
Percent Effort: 1%
Principal Investigator: Andrew M. Atz, M.D.
Project Period: 5/1/03-5/1/04

Sun Tech Medical Instruments, Inc
Validation of the Sun Tech Medical Instruments, Inc. Advantage OEM Blood Pressure Module
Principal Investigator: Andrew M. Atz, M.D.
Percent Effort: 1%
Total Costs: \$32,000
Project Period: 5/1/04-5/1/06

Pfizer, Inc.
A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Dose-Ranging, Parallel Group Study of Oral Sildenafil in the Treatment of Children with Pulmonary Hypertension Protocol Number: A1481131
Percent Effort: 2%
Total Costs: \$14,450
Principal Investigator: Andrew M. Atz, M.D.
Project Period: 5/1/04-5/1/07

Pfizer, Inc.
Extension Trial of Oral Sildenafil in the Treatment of Children with Pulmonary Hypertension Protocol Number: A 1481156
Percent Effort: 2%
Total Costs: \$9,950
Principal Investigator: Andrew M. Atz, MD
Project Period: 2/1/06-2/1/08

Medimmune

A Pivotal, Phase 3 Study of MEDI-524 (Numax), An Enhanced Potency Humanized Respiratory Syncytial Virus (RSV) Monoclonal Antibody, for the Prophylaxis of Serious RSV Disease in High Risk Children
Percent Effort: 5%
Principal Investigator: Andrew M. Atz, M.D.
Total Costs: \$218,600
Project Period: 6/1/04-9/1/06

Medimmune
Randomized, Double-Blind, Trial to Assess the Safety and Relative Efficacy of CAIV-T Against Inactivated Influenza Vaccine in Children 6- 59 Months of Age
Principal Investigator: Andrew M. Atz, M.D.
Percent Effort: 5%
Total Costs: \$121,830
Project Period: 10/1/04-9/30/05

Inotherapeutics, Inc.
Comparison of Supplemental Oxygen and Nitric Oxide for Inhalation Plus Oxygen in the Evaluation of the Reactivity of the Pulmonary Vasculature During Acute Pulmonary Vasodilator Testing
Percent Effort: 2%
Total Costs: \$25,000
Project Period: 5/24/05-10/31/06

Medimmune
A Pivotal, Phase 3 Study of MEDI-524 (Numax), An Enhanced Potency Humanized Respiratory Syncytial Virus (RSV) Monoclonal Antibody, for the Prophylaxis of Serious RSV Disease in Children with Congenital Heart Disease
Percent Effort: 5%
Principal Investigator: Andrew M. Atz, M.D.
Total Costs: \$99,634
Project Period: 9/1/05-9/1/08

Medimmune
An Epidemiological Study to Evaluate the Seasonality of Respiratory Syncytial Virus-Associated Lower Respiratory Tract Infections (LRI) or Apnea in Infants in the Emergency Department
Percent Effort: 2%
Principal Investigator: Andrew M. Atz, M.D.
Total Costs: \$20,000
Project Period: 9/1/06-9/1/07

Associates in Pediatric Pulmonary Hypertension
TOPP "Tracking Outcomes in Pediatric Pulmonary Hypertension"
Principal Investigator: Andrew M. Atz, M.D.
Total Costs: \$16,260
Project Period: 11/15/07-11/14/10

As Co-Investigator (% time)

FDA, Orphan Products Division
Dose Response of Inhaled Nitric Oxide in Congenital Heart Disease
Principal Investigator: David L. Wessel, M. D.
Role: Physician Coordinator
Identifying Number: FD-R-001316-01
Percent Effort: 50%
Total Costs: \$491,660
Project Period: 9/30/96- 9/29/98

National Heart Lung and Blood Institute
Pediatric Heart Disease Clinical Research Network
Principal Investigator: J. Philip Saul, M.D.
Co-Investigator: Andrew M. Atz, M.D.
Percent Effort: 20%
Total Costs: \$412,868 per year
Project Period: 9/1/01-8/31/06; Renewal 9/1/06-8/31/11

The Relationship Between Functional Health Status and Laboratory Parameters of Ventricular Performance after the Fontan Procedure
Role: Network Chair of Subcommittee, Site Principal Investigator

Trial of Pulse Steroid Therapy In Kawasaki Disease
Role: Site Principal Investigator

Trial of ACE Inhibition in Infants with Single Ventricle
Role: Site Principal Investigator

Trial of ACE Inhibition Therapy in Children with Mitral Regurgitation (MR) after Repair of an Atrioventricular Septal Defect (AVSD)
Role: Site Principal Investigator

Variability of Echocardiographic Left Ventricular Mass, Volume and Ejection Fraction in Pediatric Patients with Congestive (Dilated) Cardiomyopathy
Role: Site Co-investigator

Trial of Right Ventricular vs. Modified Blalock-Taussig Shunt in Infants with Single Ventricle Defect Undergoing Staged Reconstruction
Role: Site Principal Investigator

Trial of Beta Blocker Therapy (Atenolol) vs. Angiotensin II Receptor Blocker Therapy (Losartan) in Individuals with Marfan Syndrome
Role: Site Co-investigator

Pfizer Career Development Award
American College of Cardiology
Preoperative Corticosteroid Therapy in Neonates Undergoing Cardiopulmonary Bypass
Principal Investigator: Eric M. Graham, M.D.
Mentor: Andrew M. Atz, M.D.
Total Costs: \$195,000
Project Period: 7/1/07- 6/30/10

CTSA Multidisciplinary K12 Award
Cardiac and neurologic sequelae of maternal chorioamnionitis on infants—a single center ancillary study (part of a NINDS-funded study evaluating the utility of N-Acetylcysteine in this population)
Principal Investigator: Anthony Hlavacek, M.D.
Mentor: Andrew M. Atz, M.D.
Percent Effort: 5%
Total Costs: \$282,990
Project Period: 8/1/07- 7/30/10

Intramural Grants/amount of award:

Medical University of South Carolina Medical Student Summer Scholarship
Relationships between functional outcome and laboratory parameters following the Fontan procedure

Medical Student: J. Robert Conatser
Mentor: Andrew M. Atz, M.D.
Project Period: 5/1/03- 9/1/03

Awards, Honors, Membership in Honorary Societies:

1985	Phi Kappa Phi	(University of Florida)
1985	Phi Beta Kappa	(University of Florida)
1988	Alpha Omega Alpha	(University of Florida)
1989	Mary K. Solowey Award, University of Florida, Division of Neonatology	
1989	University of Florida, College of Medicine Alumni Scholarship for Academic Excellence	
1996	Recipient of Charles A. Janeway Scholarship in Child Health Research	
2001-2	Best Doctors in America	(Medical University of South Carolina)
2005	Mitchell Rubin Award in Pediatric Research	(Medical University of South Carolina)
2005-6	Best Doctors in America	(Medical University of South Carolina)
2007-8	Best Doctors in America	(Medical University of South Carolina)

Academic Committee Activities:

University

ECMO Subcommittee to the Critical Care Committee, Medical University of South Carolina
Pediatric Consultant, Medicare Transport Team, Medical University of South Carolina

College

Department

ECMO Utilization Committee, Department of Pediatrics, Medical University of South Carolina
Children's Hospital Customer Service Committee, Department of Pediatrics, Medical University of South Carolina
Peer Review Committee, Medical University of South Carolina

Division

Cardiology representative on Compliance Committee for the Department of Pediatrics, Medical University of South Carolina

Major Teaching Responsibilities (Present):

Undergraduate Medical Education: None

Graduate Medical Education:

- Have developed a training program in Pediatric Cardiac Intensive Care including direct patient care, informal and formal case presentations, and didactic teaching. Training fellows in Pediatric Cardiology (2-3 per year, 8 total) will have a minimum of 4 rotations during a 3-4 year fellowship. A specialized program has also been developed for training Neonatology fellows who spend 2 month long rotations during their 3 year fellowship, and for internal and external visiting pediatric residents (~2 per year).
- Compose and deliver lectures to MUSC medical student lectures as part of core curriculum during rotation in Pediatrics
- Member of Scholarship Oversight Committee- One of 3 member group to advise and mentor all pediatric cardiology fellows for their research requirement

Graduate Studies Education:

- Mentor/Advisor for students enrolled in the Masters in Clinical Research program

- Ad hoc director of twice weekly combined Pediatric cardiology/ Cardiothoracic Surgery conferences at MUSC. CME credits available for faculty and technical support staff within the Division of Pediatric Cardiology
- Participant in monthly Fetal Board multidisciplinary conferences discussing the cardiac impact of congenital heart disease diagnosed during prenatal evaluation

Major Teaching Responsibilities (Past):

Graduate Medical Education:

- Chairman, American Medical Student Association Speaker's Bureau on Substance Abuse, University of Florida 1983-85
- Teacher in Cardiology, Children's Hospital/Harvard Medical School, Department of Pediatrics Residency Program 1995-98
- Teacher in Cardiovascular Pathophysiology, Harvard Medical School 1995-98

Continuing Medical Education

- Medical Advisor, Project HOPE, Pediatric Cardiovascular Surgery, Bratislava, Slovakia 1996
- Pediatric Advanced Life Support Instructor, Children's Hospital, Boston, MA 1995-98

Major Clinical Interests and Responsibilities:

- 1- **Pediatric Cardiac Intensive Care Unit**-Medical Director of 12 bed designated intensive care unit specifically for infants, children and young adults with congenital and acquired heart disease. Responsible for direct patient care, medical education of fellows and nursing, and unit administration.
- 2- **Pediatric Echocardiography**- Assist in the performance and interpretation of diagnostic echocardiograms with special emphasis on intraoperative transesophageal echocardiography to assess adequacy of surgical repairs.
- 3- **Pulmonary Hypertension**- Diagnostic and therapeutic investigation of pulmonary hypertension throughout the institution.
- 4- **Pediatric Heart Network**- Co-investigator in multicenter clinical trials network. Actively participate in the development and execution of numerous randomized clinical trials. Network chair of the Fontan subcommittee.
- 5- **Clinical Research**- Active as principal investigator or co-investigator on numerous clinical trials in pediatrics, pediatric cardiology and pulmonary hypertension.

Lectures and Presentations

Invited lectures and presentations:

1. Invited Speaker: Acute Respiratory Failure in the Pediatric Patient: A Nursing Challenge (11/17/95), Boston, MA
2. Invited Speaker at Global Congress on Cardiac Sciences: Second Millennium Here and Now, Madras, (12/95)
3. Joint Program in Neonatology, Harvard Medical School, Noon conference (3/4/96)
4. Department of Pediatrics Grand Rounds, Boston Medical Center (7/12/96): From constipation to nitric oxide
5. Clinical Problems in Pediatric Anesthesia (12/16/96): Use of inhaled nitric oxide, Children's Hospital, Boston, MA
6. Neonatology Clinical Conference (7/21/97) Approach to the newborn with critical congenital heart disease, Children's Hospital, Boston, MA
7. Invited Speaker at Frontiers in Diagnosis and Management of Congenital Heart Disease (5/1/98): Clinical Use of Nitric Oxide: When, How, and What to Expect, Boston, MA
8. Neonatology Clinical Conference (7/20/98) Initial approach to the newborn with congenital heart disease, Children's Hospital, Boston, MA
9. Pediatrics Educational Conference, Roper Hospital (2/25/99) Clinical Applications of Inhaled Nitric Oxide

10. Frontiers in Pediatrics, MUSC, Charleston (12/4/99) Evaluation of the newborn with a murmur or cyanosis
11. Pediatric Grand Rounds, MUSC (9/10/99) From pollutant to pediatric wonder drug: The nitric oxide story
12. Invited Speaker at 10th Charleston Symposium (4/9/00) Role of the restrictive atrial septum in hypoplastic left heart syndrome
13. Carolinas Association of Neonatal Nurse Practitioners, Neonatal Pharmacology (8/8/00) Folly Beach, SC. Long-term inhaled nitric oxide use
14. Frontiers in Pediatrics, MUSC, Charleston (12/3/00) Evaluation of the newborn with critical congenital heart disease
15. Invited Speaker at Texas Children's Hospital (4/2/01) Diagnostic and therapeutic role of inhaled nitric oxide
16. Neonatology Journal Club, Greenville, SC (5/15/01) Inotropes in neonates
17. Pediatric Grand Rounds, Greenville Memorial Hospital, Greenville, SC (5/16/01) The Children's Heart Program of South Carolina
18. Frontiers in Pediatrics, MUSC, Charleston (12/5/01) Evaluation of the newborn with critical congenital heart disease
19. Invited Speaker at 4th International Symposium on Pediatric Cardiac Intensive Care, Palm Beach, FL (12/6/01) Milrinone in pediatric patients with low cardiac output
20. Invited Speaker at Cardiology 2002, Orlando FL (2/8/02) Prophylactic use of nitric oxide after cardiac surgery
21. Invited Speaker at Cardiology 2002, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Orlando FL (2/8/02) Nitric oxide: \$s it worth it?
22. Invited Speaker at Cardiology 2003, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Orlando FL (2/03) *Cardiac surgery in lethal chromosomal disorders*
23. Invited Speaker at Cardiology 2003, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Orlando FL (2/03) *Current therapy for pulmonary hypertension*
24. Congenital Scanning for the Adult and Pediatric Cardiac Sonographer, MUSC Charleston SC, (10/17/03) *Important Neonatal Issues*
25. Invited Speaker at American College of Cardiology Scientific Sessions 2004, New Orleans (3/09/04) *Pre and postoperative management of the infant with single ventricle*
26. *Nitric Oxide: Treating Shunted Single Ventricle Patients*; Pediatric Cardiac Perioperative/Transplant Consensus Conference (4/1/04) Short Hills, NJ
27. *Sickle Cell Disease and Nitric Oxide*, Inotherapeutics, Inc training symposium, Clinton, NJ (4/15/04)
28. Pediatric Cardiac Nursing Conference, MUSC Charleston, SC (11/19/04) *Aortic Abnormalities: Transposition of the Great Arteries and Coarctation*
29. Charleston Mini Symposium- From Bench to Bedside, Charleston, SC (2/26/05) *Pre and Postoperative Management of Hypoplasia of the Left Heart*
30. Respiratory Therapy Week Conference, Tampa General Hospital (10/25/05) *Inhaled Nitric Oxide: Current On-Label and Off-Label Usage*
31. Respiratory Care Service, Tampa General Hospital, Tampa FL (10/25/05) *Current Trends in the Treatment of Pulmonary Hypertension*
32. Invited Speaker at Scientific Sessions of the American Heart Association (11/15/05) *Surgical Outcomes: What Inquiring Parents (and Doctors) Want to Know in 2005*. Dallas, TX
33. Invited Speaker at Pediatric Cardiac Intensive Care Symposium 2005 (12/8/05) *Cardiac Issues in Neonatal Intensive Care: Principles of Perioperative Care*, Miami, FL
34. Division of Pulmonology/Critical Care Teaching Conference, Riley Children's Hospital, Indianapolis, IN (1/31/06) *Current Uses of Inhaled Nitric Oxide*
35. Department of Pediatrics Grand Rounds Riley Children's Hospital, Indianapolis, IN (2/1/06) *Use of Inhaled Nitric Oxide in the Pediatric Critical Care Environment*
36. Invited Speaker at Cardiology 2006, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Scottsdale AZ (2/06) *Cardiac Surgery in the Preterm Infant: Current Strategies and Results*

37. Invited Speaker at Cardiology 2006, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Scottsdale AZ (2/06) *The Importance of Supporting Research at the Bedside*
38. Invited Speaker at Cardiology 2006, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Scottsdale AZ (2/06) *Are We Justified in Performing Cardiac Surgery in the Neonate with "Lethal" Chromosomal Defects?*
39. Invited Speaker at American College of Cardiology Scientific Sessions 2006, Atlanta (3/14/06) *New Pharmacologies in the Congenital Armamentarium: Postoperative Care*
40. Minisymposium in Honor of Professor Sir Magdi Yacoub, Charleston SC (3/6/06) *The Pediatric Heart Network- Organization and Scope"*
41. Department of Pediatrics, Respiratory Care Conference, DeVos Children's Hospital, Grand Rapids, MI (4/26/06) *Inhaled Nitric Oxide: "Shaking off the Label"*
42. Department of Pediatrics, Pediatric ICU Conference, DeVos Children's Hospital, Grand Rapids, MI (4/26/06) *Inhaled Nitric Oxide in Congenital Heart Disease*
43. Network of Georgia Neonatologists (NOGAN) Annual Meeting (5/16/06) *Perioperative Management of Hypoplasia of the Left Heart*
44. Children's Health Care of Atlanta, Eggleston Children's Hospital Department of Pediatrics Grand Rounds (5/17/06) *Inhaled Nitric Oxide: "Going off Label"*
45. University of Puerto Rico College of Medicine, Department of Pediatrics, San Juan, PR (8/21/06) *"Inhaled Nitric Oxide: Current Therapy and Future Directions"*
46. Neonatal Pharmacology Conference 2006, Incorporating Evidence-Based Practice into Clinical Decision Making, Charleston, SC (10/22/06) *"Innovative Management Strategies for the Treatment of PPHN"*
47. Invited Speaker at Scientific Sessions of the American Heart Association (11/06) *Treatment of the Failing Fontan: How Effective is Medical Therapy for Prevention and Treatment.* Chicago, IL
48. Invited Speaker at Cardiology 2007, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Orlando, FL (2/07) *The Role of Mixed Venous Oxygen Saturation in the ICU*
49. Invited Speaker at Cardiology 2007, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Orlando, FL (2/07) *Outcome of the Fontan Procedure in Heterotaxy Patients*
50. Invited Speaker at American College of Cardiology Scientific Sessions 2007, New Orleans (3/27/07) *Intermediate Outcomes After the Fontan Procedure*
51. Invited Speaker at Gulf Coast AACN Meeting, Houston, TX (9/6/07) *Inhaled Nitric Oxide: Current Therapy and Future Directions*
52. University of South Carolina, Department of Pediatrics Grand Rounds, Columbia, SC (9/21/07) *Pediatric Pulmonary Hypertension: Past, Present and Future*
53. Pediatric Grand Rounds, Medical University of South Carolina, Charleston, SC (1/11/08) *Strategies for reducing RSV morbidity and mortality*
54. Pediatric Grand Rounds, Greenville Memorial Hospital, Greenville, SC (2/1/08) *Reducing RSV Morbidity and Mortality*
55. Invited Speaker at Cardiology 2008, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Scottsdale, AZ (2/08) *Risk Factors for Mortality and Morbidity Following a Superior Cavopulmonary Connection*
56. Invited Speaker at Cardiology 2008, Annual Update on Pediatric Cardiovascular Disease, Hosted by the Children's Hospital of Philadelphia, Scottsdale, AZ (2/08) *NIRS Monitoring in the ICU Should Be Standard Practice Following Cardiac Surgery in Neonates and Infants*
57. Invited Speaker at American College of Cardiology Scientific Sessions 2008, Chicago (3/31/08) *Perioperative Management of the Congenital Patient*
58. Pediatric Ground Rounds, Peyton Manning Children's Hospital, St. Vincent's Medical Center, Indianapolis, IN (5/1/08) *Therapeutic Options of Nitric Oxide in Pediatric Cardiology and Critical Care*
59. Respiratory Therapy Grand Rounds, Baton Rouge General Medical Center, (5/15/08) *Critical Care Uses of Nitric Oxide*

Submitted presentations (e.g., abstract or paper presentations)

1. Chang AC, **Atz AM**, Wernovsky G, Burke RP, Wessel DL, Milrinone: Evaluation of hemodynamic effects in neonates after cardiac surgery, *Circulation* 1993;88:1-335
2. **Atz AM**, Adatia I, Moore P, Jonas RA, Wessel DL, Inhaled nitric oxide in congenital mitral stenosis with pulmonary hypertension, *Pediatric Research* 1994;35(4):29A
3. **Atz AM**, Adatia I, Wessel DL, Treatment of postoperative pulmonary hypertension with inhaled nitric oxide in patients with total anomalous pulmonary venous connection, *Pediatric Research* 1995;37(4):194A
4. Landzberg MJ, Graydon E, Fernandes SM, Hare JM, Body SC, **Atz AM**, Wessel DL, Inhaled nitric oxide in primary pulmonary hypertension-- The perfect pulmonary vasodilator? *Circulation* 1995;92:1-241
5. **Atz AM**, Adatia I, Wessel DL, Inhaled nitric oxide in shunted single ventricle patients, *Circulation* 1995;92:1-54
6. **Atz AM**, Adatia I, Wessel DL, Pulmonary vascular response to oxygen and inhaled nitric oxide, *J Am Coll Cardiol* 1996;27:325A
7. Landzberg MJ, Graydon-Baker EM, Fernandes SM, Omarazai RK, Goldhaber SZ, Desantis JM, Hill NS, **Atz AM**, Body SC, Wessel DL, Continuous domiciliary inhaled nitric oxide for severe pulmonary hypertension, *Circulation* 1997;96:1-244
8. **Atz AM.**, Adatia I, Munoz R, Wessel DL, Inhaled nitric oxide in neonatal Ebstein's anomaly, *Circulation* 1998 ;98:1-186
9. **Atz AM**, Thompson JE, Gauvreau K, Wessel DL, Dose response of inhaled nitric oxide in congenital heart disease, *Circulation* 1998;98:1-834
10. Duncan BW, **Atz AM**, Bohn DJ, Bichell DP, Jonas RA, French JW, Black MD, Wessel DL, Mechanical circulatory support for pediatric patients with acute myocarditis, *Circulation* 1998;98:1-616
11. Bradley SM, Dorman BH, Simsic JM, **Atz AM**. *Mixed venous oxygen saturation after the Norwood procedure: Time course and risk factors*. Presented at Southeastern Pediatric Cardiac Society meeting, Kiawah Island SC, October 1999
12. Simsic JM, **Atz AM**, Stroud M, Crawford FA. *Atrioventricular septal defect: A single surgeon's 20-year experience*. Presented at Southeastern Pediatric Cardiac Society meeting, Charlotte NC, September 2000
13. Bradley SM, Simsic JM, **Atz AM**, *Hemodynamic effects of inspired carbon dioxide after the Norwood procedure: A prospective study of two delivery system*, Society of Thoracic Surgeons, New Orleans, LA, January 2001
14. Bandisode V⁺, Simsic JM, Bradley SM, **Atz AM**, *Preoperative use of inderal in patients with Tetralogy of Fallot does not effect postoperative inotropic score*, 3rd World Congress of Pediatric Cardiology and Cardiac Surgery, Toronto Canada, *Cardiology in the Young* 2001:11 (Supp 1):208
15. Fountain-Dommer RR⁺, Bradley SM, **Atz AM**, Shirali GS, *Does prenatal diagnosis improve survival for infants undergoing the Norwood operation?* AAP Section on Cardiology, October 2001

16. Mullen MP, Thomas K, Betit P, Almodovar MC, **Atz AM**, Wessel DL, *Ambulatory inhaled nitric oxide for pediatric patients with pulmonary hypertension provides sustained reduction in pulmonary artery pressures*, American Heart Association Scientific Sessions, November 2001
17. Bradley SM, Simsic JM, **Atz AM**, Dorman BH, *The infant with single ventricle and excessive pulmonary blood flow: Results of a strategy of pulmonary artery division and shunt*, Southern Thoracic Surgical Association Meeting, San Antonio TX, November 2001
18. Wessel DL, Thiagarajan RR, Thomas K, Mullen MP, Gauvereau K, Adatia I, **Atz AM**, Roth SJ & Laussen PC, *Inhaled nitric oxide use and response in congenital heart disease*, American Thoracic Society, May 2002
19. Lucas JF⁺, Simsic JM, Bradley SM, Stroud MR, **Atz AM**, *Cerebral oximetry as non-invasive indicator of mixed venous oxygen saturation in newborns after cardiac surgery*. Presented at Southeastern Pediatric Cardiac Society meeting, Braselton, GA, September 2002
20. Simsic JM, **Atz AM**, Stroud MR, Bradley SM, *Risk factors for interstage death after Norwood procedure*. Presented at Southeastern Pediatric Cardiac Society meeting, Braselton, GA, September 2002
21. Graham EM⁺, Bradley SM, Shirali GS, Hills CB, **Atz AM**, *Cardiac surgery in Trisomy 13 and 18: An 18 year multicenter experience*. Presented at Southeastern Pediatric Cardiac Society meeting, Braselton, GA, September 2002
22. Forbus GA⁺, Shirali GS, Bradley SM, **Atz AM**, *Survival following prenatal identification of the Norwood candidate: Impact of a statewide program*. Presented at Southeastern Pediatric Cardiac Society meeting, Braselton, GA, September 2002
23. Graham EM⁺, Bradley SM, Shirali GS, Hills CB, **Atz AM**, *Cardiac surgery in Trisomy 13 and 18: An 18 year multicenter experience*. Presented at AHA, Chicago IL, November 2002. *Circulation* 2002;106(19):II-596.
24. Bradley SM, **Atz AM**, Simsic JM. *Redefining the impact of oxygen and hyperventilation after the Norwood procedure*. Presented at AATS Meeting, Boston MA, May 2003.
25. Simsic JM, Bradley SM, Stroud MR, **Atz AM**. *Cerebral oximetry as noninvasive indicator of mixed venous oxygen saturation in newborns after cardiac surgery*. Presented at ACC Meeting, Chicago IL, April 2003. *J Am Coll Cardiol* 2003;41(6):494A.
26. Forbus G⁺, Shirali GS, Bradley SM, **Atz AM**. *Implications and limitations of an abnormal fetal echocardiogram*. Presented (finalist for the Young Investigator Award in Clinical Research) at Annual Scientific Sessions of the American Academy of Pediatrics, New Orleans, LA, October 2003.
27. Scheurer MA⁺, Bandisode V, **Atz AM**. *Simplified pulmonary vasodilatory testing in the cardiac catheterization laboratory with nasal cannula nitric oxide*. Presented at AHA Meeting, Orlando FL, November 2003. *Circulation* 2003;108(17):IV-496.
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