

Curriculum Vitae

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Part I. General Information

Name: Elif Seda Selamet Tierney, MD
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Children's Hospital Boston,
300 Longwood Avenue
Boston, MA 02115
Work E-Mail: E-mail: seda.tierney@cardio.chboston.org
Work Fax: 617-739-6282
Place of Birth: Istanbul, Turkey
Education:
1996 MD Istanbul University, Cerrahpasa Medical Faculty,
English Instruction, Istanbul, Turkey

Postdoctoral Training

1997-1998 Intern in Pediatrics, State University of New York, Stony Brook, NY
1998-2000 Resident in Pediatrics, State University of New York, Stony Brook, NY
2000-2003 Fellow in Pediatric Cardiology, Columbia University, New York, NY
2003-2004 Senior Fellow in Pediatric Echocardiography, Columbia University, New York, NY

Licensure and Certification

1997 Educational Commission for Foreign Medical Graduates
2003-2005 State of Indiana
2003-2006 State of New York
2004-present Commonwealth of Massachusetts
2000-2014 American Board of Pediatrics Certificate
2004-2011 American Board of Pediatrics, Sub-board in Pediatric Cardiology Certificate

Academic Appointments

1997-2000 Instructor in Pediatrics, State University of New York, Stony Brook, NY
2000-2004 Post-doctoral Clinical Fellow in Pediatrics, College of Physicians and Surgeons of Columbia University, New York, NY
2004-present Instructor in Pediatrics, Harvard Medical School, Boston, MA

Hospital or Affiliated Institution Appointments

- 2004-present Assistant in Cardiology, Department of Cardiology, Children's Hospital Boston, Boston, MA
- 2004-present Affiliated Physician, Department of Pediatrics, Boston Medical Center, Boston, MA
- 2004-present Affiliated Physician, Department of Newborn Medicine, Brigham and Women's Hospital, Boston, MA

Hospital and Health Care Organization Service Responsibilities:

- 2004- present Attending, Echocardiography Laboratory, Children's Hospital, Boston, MA
- 2004- present Attending, Cardiology Outpatient Clinic, Children's Hospital, Boston, MA
- 2004- present Attending, Cardiology Consultation Service, Children's Hospital, Boston, MA

Major Administrative Responsibilities

- 2006- present Coordinator, Didactic Sessions in Echocardiography

Major Committee Assignments

- 1996-1996 Member, Scientific Organization Committee, Istanbul University, Cerrahpasa Medical Faculty
- 2003- present Member, Steering Committee, Pediatric Heart Network, NIH/NHLBI
- 2005- present Member, Ventricular Volume Variability study subcommittee, Pediatric Heart Network, NIH/NHLBI
- 2005- present Member, Marfan Trial subcommittee, Pediatric Heart Network, NIH/NHLBI
- 2007-present Clinical Practice Guideline Committee on aortic valve disease, Department of Cardiology, Children's Hospital Boston
- 2007-present Clinical Practice Guideline Committee on dilated aorta, Department of Cardiology, Children's Hospital Boston
- 2008-present Member, International Relations Committee, American Society of Echocardiography

Professional Societies

- 2000-present Candidate Fellow, American Academy of Pediatrics, Member, Section on Cardiology and Cardiac Surgery
- 2000-present Member, American College of Cardiology
- 2003-present Member, American Heart Association, Member Council on Cardiovascular Diseases of the Young (CVDY)
- 2003-present Member, American Society of Echocardiography
- 2004-present Member, Society of Pediatric Echocardiography
- 2007-present Fellow, American Society of Echocardiography
- 2007-present Fellow, American College of Cardiology

***Ad Hoc* Reviewer**

2005-present	Circulation
2005-present	The Journal of Pediatrics
2006-present	Cardiology

Awards and Honors

1999	Resident Research Award, Suffolk County Pediatric Society, NY
2003	Wyeth Women in Cardiology Travel Grant, American Heart Association Scientific Sessions in Orlando, FL
2007	Fellow, American Society of Echocardiography
2007	Fellow, American College of Cardiology
2007	National Scientist Development Award, American Heart Association

III. Bibliography

Articles

1. **Selamet SE**, Hsu DT, Thaker HM, Gersony WM. Complete atresia of coronary ostia in pulmonary atresia and intact ventricular septum. *Pediatr Cardiol.* 2004; 25:67-9.
2. **Selamet Tierney ES**, Gersony WM, Altmann K, Solowiejczyk D, Alfayyad M, Bevilaqua L, Khan C, Krongrad E, Quaegebeur JM, Apfel HD. Pulmonary position cryopreserved homografts: Durability in Ross and non-Ross patients. *J Thorac and Cardiovasc Surg.* 2005, 282-6.
3. **Selamet Tierney ES**, Feingold B, Printz BF, Park SC, Graham D, Kleinman CS, Mahnke CB, Timchak DM, Neches WH, Gersony WM. Beta-blocker therapy does not alter aortic growth rate in pediatric patients with Marfan Syndrome. *J Pediatr.* 2007; 150:77-82.
4. **Selamet Tierney ES**, Marans Z, Rutkin MB, Chung WK. Cryptic (*CFC1*) variants in laterality defects associated with congenital heart disease. *Cardiol Young.* 2007; 17:268-74.
5. **Selamet Tierney ES**, Glickstein JS, Altmann K, Solowiejczyk DE, Mosca RS, Quaegebeur JM, Kleinman CS, Printz BF. Bidirectional Cavopulmonary Anastomosis: Impact on diastolic ventricular function indices. *Pediatr Cardiol.* 2007;28:372-8.
6. **Selamet Tierney ES**, Wald RM, McElhinney DB, Marshall AC, Benson CB, Colan SD, Marcus EN, Marx GR, Levine JC, Wilkins-Haug L, Lock JE, Tworetzky W. Changes in left heart hemodynamics after technically successful in utero aortic valvuloplasty. *Ultrasound Obstet Gynecol.* 2007; 30:715-20.
7. **Selamet Tierney ES**, Graham DA, McElhinney DB, Trevey S, Freed MD, Colan SD, Geva T. Echocardiographic predictors of mitral stenosis-related death or intervention in infants. *Am Heart J.* 2008;156:384-90.
8. **Selamet Tierney ES**, Pigula FA, Berul CI, Lock JE, Del Nido PJ, McElhinney DB. Mitral Valve Replacement in Infants and Children ≤ 5 Years of Age: Evolution in practice and outcome over three decades with a focus on supraannular prosthesis implantation. *J Thorac and Cardiovasc Surg. In Press*

9. Larrazabal LA, **Selamet Tierney ES**, Brown DW, Gauvreau K, Vida VL, Bergersen L, Pigula FA, del Nido PJ, Bacha EA. Systolic function deteriorates with recurrent coarctation in hypoplastic left heart syndrome. *Ann Thorac Surg. In Press*
10. Swanson TM, **Selamet Tierney ES**, Tworetzky W, McElhinney DB. Truncus Arteriosus: Accuracy, Outcomes, and Impact of Prenatal Diagnosis. *Pediatr Cardiol. In Press*

Editorial

Selamet Tierney ES, Newburger JW. Are Kawasaki Disease patients at risk for premature atherosclerosis? *J Pediatr.* 2007 Sep;151:225-8.

Chapters

1. **Selamet Tierney ES**, Mital S. Cardiovascular genetics. In: Kleinman CS, Copel J, editors. *Fetal and Neonatal Cardiology*. Philadelphia: W.B.Saunders *In press*

2. **Selamet Tierney ES**, Singh TP. Vascular ultrasound imaging in children. In: *Echocardiography in Pediatric and Congenital Heart Disease: From Fetus to Adult*. Oxford, U.K. Wiley-Blackwell *In Press*

Other Materials

1. Manual of operations for the *Ventricular Volume Variability in Congestive Cardiomyopathy* trial for the Pediatric Heart Disease Clinical Research Network, hard copy.

2. Manual of operations for the *Marfan Trial* for the Pediatric Heart Disease Clinical Research Network, hard copy and CD.

Abstracts

1. Wald RM, **Selamet Tierney ES**, Levine JC, Marx GR, Tworetzky W. Echo Doppler features in fetuses selected for in utero aortic Valvuloplasty. World Congress of Pediatrics, Buenos Aires, Argentina, September 18-24, 2005.

2. Soriano B, Tworetzky W, Marshall A, **Selamet Tierney ES**, Vasilyev N, Hoch M, Marx GR. Real-time 3D Echocardiography for the calculation of left ventricular volumes in fetuses with Aortic Stenosis Being Considered for In Utero Intervention: An in-vivo, and in-vitro validation Study. American College of Cardiology Scientific Sessions, Atlanta, March 11-14, 2006.