

PART I: GENERAL INFORMATION

DATE PREPARED: July 11, 2008

NAME: Kathy J. Jenkins, M.D., M.P.H.

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PLACE OF BIRTH: Wilkes-Barre, PA

Kathy Jenkins, M.D., M.P.H.

A. SUMMARY OF RECENT PROFESSIONAL ACTIVITIES

Since accepting the role of Director of the Program for Patient Safety and Quality at Children's Hospital in December of 2004, I have divided my time between activities related to my hospital role, and to my role as a faculty member within the Department of Cardiology. My activities as the Director for PSQ include assessment of hospital-wide clinical care activities, and design and implementation of quality improvement initiatives. Current programmatic activities include oversight and coordination of a multidisciplinary group of faculty and staff to facilitate regulatory compliance, assessment and benchmarking, peer review and safety and quality initiatives. My activities as a member of the Department of Cardiology faculty are divided between clinical work, research, teaching and mentorship. I maintain an outpatient practice of general pediatric cardiology patients, and attend on the consultation and inpatient services. I coordinate an 8 member clinical research group that conducts studies examining variation in outcomes for patients with congenital heart disease, and evaluation of new therapeutic modalities to treat congenital heart defects. I currently serve as the primary mentor for four junior faculty, and provide guidance about study design and implementation to students, fellows, and faculty regularly. I am the Chairperson for the departmental Scientific Review Committee, and coteach a longitudinal clinical research course to fellows, junior faculty and nurses on an annual basis. I also serve on several national committees that are leading national efforts to define and measure quality of care for pediatric cardiac practice, and other types of pediatric care delivery.

EDUCATION:

1994	M.P.H.	Harvard School of Public Health
1986	M.D.	Harvard Medical School
1982	B.A.	Colgate University, summa cum laude, with high honors in Chemistry

POSTDOCTORAL TRAINING:

INTERNSHIP AND RESIDENCY:

1986-1989 Intern and Resident Pediatrics, Children's Hospital Boston, Boston, MA

CLINICAL AND RESEARCH FELLOWSHIPS:

1991-1992 Chief Fellow Cardiology, Children's Hospital Boston, Boston, MA

1989-1993 Fellow Pediatric Cardiology, Children's Hospital Boston, Boston, MA

LICENSURE AND CERTIFICATION:

1987 National Board of Medical Examiners

1987 Massachusetts Board of Registration in Medicine, #72081  
1990-2013 American Board of Pediatrics  
1992-2013 American Board of Pediatrics, Sub-Board of Pediatric Cardiology

#### ACADEMIC APPOINTMENTS:

1993-1996 Instructor in Pediatrics, Harvard Medical School, Boston, MA  
1996-2003 Assistant Professor in Pediatrics, Harvard Medical School, Boston, MA  
2003-Present Associate Professor in Pediatrics, Harvard Medical School, Boston, MA

#### HOSPITAL OR AFFILIATED INSTITUTION APPOINTMENTS:

1993-1996 Assistant in Cardiology, Children's Hospital Boston, Boston, MA  
1996-2003 Associate in Cardiology, Children's Hospital Boston, Boston, MA  
2003-Present Pediatrician to the Affiliate Staff, Newborn Medicine, Brigham and Women's Hospital, Boston, MA  
2003-Present Senior Associate in Cardiology, Children's Hospital Boston, Boston, MA  
2004-Present Director, Program for Patient Safety & Quality, Children's Hospital Boston, Boston, MA  
2007-Present Kobren Family Chair for Patient Safety and Quality

#### OTHER PROFESSIONAL POSITIONS AND MAJOR VISITING APPOINTMENTS:

1993 Visiting Consultant, Institute of Cardiovascular Diseases, Madras Medical Mission, Madras, India

#### CLINICAL RESPONSIBILITIES:

1993-Present Staff Physician, Department of Cardiology, Children's Hospital Boston, Boston, MA

#### MAJOR COMMITTEE ASSIGNMENTS:

HOSPITAL: (All at Children's Hospital Boston, Boston, Massachusetts)  
1988-1989 Residency Training Committee  
1993-2003 Fellowship Selection Committee, Department of Cardiology  
1994-1995 Outpatient Quality Improvement Committee, Department of Cardiology  
1995-2002 Technology Transfer Committee  
2002-Present Chair, Clinical Research Scientific Review Committee, Department of Cardiology  
2003-Present Chair, Program for Patient Safety & Quality Measurement Committee (former DCAC)  
2004-Present Senior Clinical Leadership Committee  
2005-Present Clinical Regulatory Readiness Executive Committee  
2006-Present Co-Chair, Senior Clinical Leadership Quality Committee

#### REGIONAL:

1999-2000 American Heart Association, New England Affiliate, Biomedical Research Awareness Task Force  
1999-2004 American Heart Association, Northeast Affiliate, Boston Division, Board of Directors  
2000-2004 Chair, American Heart Association, Northeast Affiliate, Boston Division, Cardiovascular Disease in the Young Committee  
2000-2004 American Heart Association, Northeast Affiliate, Boston Division, Executive Committee

2002-2003	March of Dimes and Massachusetts Department of Public Health, Massachusetts Statewide Folic Acid Council
2002-2003	American Heart Association, Northeast Affiliate, Boston Division, Board of Directors, Nominating and Awards Committee
2004	Working Group on Population Sciences, Harvard School of Public Health
2006-Present	Risk Management Foundation, Operation SPREAD Sub-Committee
2007	Eastern Massachusetts Healthcare Initiative, Performance Measurement and Reporting Working Group
NATIONAL:	
1996-2000	Working Group on Early Life and Adolescent Health Policy, Harvard Center for Children's Health, Harvard School of Public Health
1997-2003	American Heart Association, Council on Cardiovascular Disease in the Young, Executive Committee
1997-2003	American Heart Association, Council on Cardiovascular Disease in the Young, Committee on Congenital Cardiac Defects
1999-2004	American Heart Association, Student Scholars in Cardiovascular Disease and Stroke Selection Committee
2000-2005	American Heart Association, Council on Epidemiology and Prevention, Committee on Statistics
2001-2002	American Heart Association, Early Career Development Steering Committee
2001-2003	American Heart Association, Scientific Sessions Abstract Grader
2002-2003	American Heart Association, Membership Benefit Task Force
2002-2003	Agency for Healthcare Quality and Research, Special Emphasis Panel, ad hoc reviewer for Centers for Education & Research in Therapeutics (CERTS)
2002	State of Florida Children's Medical Services, Cardiac Facilities Standards, ad hoc panel to review CMS volume standards
2004	Bristol-Myers Squibb Company / Sanofi-Synthelabo Plavix Pediatric Advisory Board
2004	Invited participant, Improving the Availability of Pediatric Devices, combined working group of American Academy of Pediatrics, Elizabeth Glaser Pediatric AIDS Foundation, National Organization of Rare Diseases
2004-Present	Aetna, Pediatric Congenital Heart Physician Advisory Committee
2005-Present	American College of Cardiology, Congenital Heart Disease & Pediatric Cardiology Committee
2005-Present	Chairperson, American College of Cardiology, Section on Pediatric Cardiology, Working Group on Quality
2005-Present	Joint Council for Congenital Heart Disease, Quality Improvement Collaborative, Planning Committee
2005-Present	American Academy of Pediatrics, Pediatric Devices Task Force
2005-2006	Children's Hospital Corporations of America, Pediatric Health Informations Systems Publication Group
2006-Present	Children's Health Corporations of America, Measurement Committee
2007	Invited consultant, Alliance for Pediatric Federated Database Project
2007-Present	American College of Cardiology, National Cardiovascular Data Registry, Congenital Database Planning Committee
2007-Present	Chairperson, American Academy of Pediatrics, Section on Cardiology and Cardiac Surgery, Work Group on Pediatric Cardiac Devices
2007-Present	Alliance for Pediatric Quality, Improve First, Advisory Committee
2007-Present	American College of Cardiology Performance Assessment, Recognition, Reinforcement and Reward (PAR <sup>3</sup> ) Task Force
2007-Present	American College of Cardiology, PAR <sup>3</sup> Cardiovascular Recognition Program Work Group

2008-2011 American College of Cardiology, Congenital Heart Disease Registry Steering Committee  
2008-Present American College of Cardiology, Congenital Heart Disease Registry Workgroup Committee

#### PROFESSIONAL SOCIETIES:

1993-Present American Heart Association, Council on Cardiovascular Disease in the Young  
1995-Present Fellow, American Academy of Pediatrics, Membership Number: 147383  
1999-Present Massachusetts Medical Society  
2000-Present Society for Pediatric Research  
2001-Present Academy Health  
2002-Present American Academy of Pediatrics, Section on Cardiology & Cardiac Surgery  
2003-Present Fellow, American Heart Association, Membership Number: 100001437655  
2004-Present Fellow, American College of Cardiology, Membership number: 733387  
2005-Present American College of Cardiology, Section on Pediatric and Congenital Heart Disease

#### AWARDS AND HONORS:

1978-1982 Alumni War Memorial Scholarship  
1981 Phi Beta Kappa  
1982 Leo J. Speno Pre-Med Memorial Scholarship  
1982 Nathaniel B. Stanton Scholarship for Medical Students  
1982 J.J. Thurner thesis prize "Characterization of Na<sup>+</sup> transport mechanism in *halobacterium halobium*"  
1998-Present Listed in "The Best Doctors in America"  
2001 American Heart Association, New England Affiliate, "Grassroots Champion Award"  
2003 American Heart Association, Northeast Affiliate, Wendy Kline Award for Volunteerism  
2006 The Kenneth B. Schwartz Center, Compassionate Caregiver Award, Honorable Mention

U.S. PATENT: Triedman JK, Jenkins KJ, Colan SD. U.S. Patent Application Serial No. 08/713,429. Method for endocardial activation mapping using a multi-electrode catheter.

#### PART III: BIBLIOGRAPHY

##### ORIGINAL ARTICLES:

1. **Lazorick (Jenkins) KJ**, Miller C, Sariban-Sohraby S, Benos DJ. Synthesis and characterization of Methylbromoamiloride, a potential biochemical probe of epithelial Na<sup>+</sup> channels. J. Membrane Biol., 1985; 86:69 - 77.
2. **Jenkins KJ**, Hanley FL, Colan SD, Mayer JE, Castaneda AR, Wernovsky G. Function of the anatomic pulmonary valve in the systemic circulation. Circulation, 1991; 84(III): III - 173-III - 179.
3. **Jenkins KJ**, Sanders SP, Orav EJ, Coleman EA, Mayer JE, Colan SD. Individual pulmonary vein size and survival in infants with totally anomalous pulmonary venous connection. J. Am. Coll. Cardiol. 1993; 22:201 - 206.

4. Giglia TM, **Jenkins KJ**, Matitiau A, Mandell VS, Sanders SP, Mayer JE, Lock JE. Influence of right heart size on outcome in pulmonary atresia with intact ventricular septum. *Circulation*, 1993; 88(1): 2248-2256.
5. **Jenkins KJ**, Walsh EP, Colan SD, Bergau DM, Saul JP, Lock JE. Multipolar endocardial mapping of the right atrium during cardiac catheterization: Description of a new technique. *J. Am. Coll. Cardiol.* 1993; 22:1105 - 1110.
6. **Jenkins KJ**, Newburger JW, Lock JE, Davis RB, Coffman GA, Iezzoni LI. In-hospital mortality for surgical repair of congenital heart defects: preliminary observations of variation by hospital caseload. *Pediatrics*, 1995; 95(3): 323 - 330.
7. Friedman JK, **Jenkins KJ**, Colan SD, Saul JP, Walsh EP. High-density endocardial activation mapping of the right atrium in three dimensions by composition of multielectrode catheter recordings. *J. Electrocardiology*, 1996; 29: Supplement: 234 - 40.
8. Friedman JK, **Jenkins KJ**, Colan SD, Saul JP, Van Praagh R, Lock JE, Walsh EP. Multipolar endocardial mapping of the right heart using a basket catheter: acute and chronic animal studies. *PACE*, 1997; 20[Pt.I]: 51 - 59.
9. Friedman JK, **Jenkins KJ**, Colan SD, Saul JP, Walsh EP. Intra-atrial reentrant tachycardia after palliation of congenital heart disease: characterization of multiple macroreentrant circuits using fluoroscopically based three-dimensional endocardial mapping. *J. Cardiovasc. Electrophysiol.* 1997; 8:259 - 70.
10. **Jenkins KJ**, Gauvreau K, Newburger JW, Kyn LB, Iezzoni LI, Mayer JE. Validation of relative value scale for congenital heart operations. *Ann. Thorac. Surg.* 1998; 66:860 - 9.
11. Kreutzer J, Ryan CA, Wright JA, **Jenkins KJ**, Marx G, Van Praagh R, Lock JE. Acute animal studies of the STARFlex™ system: a new self-centering CardioSEAL™ septal occluder. *Cathet. Cardiovasc. Intervent.* 2000; 49:225 - 233.
12. Hung J, Landzberg MJ, **Jenkins KJ**, King MEE, Lock JE, Palacios IF, Lang P. Closure of patent foramen ovale for paradoxical emboli: Intermediate-term risk of recurrent neurological events following transcatheter device placement. *J. Am. Coll. Cardiol.* 2000; 34:1311 - 6.
13. Sadr IM, Tan P, Kieran MW, **Jenkins KJ**. Mechanism of pulmonary vein stenosis in infants with normally connected veins. *Am. J. Cardiol.* 2000; 86:577 - 579.
14. Jenkins PC, Flanagan MF, **Jenkins KJ**, Sargent JD, Canter CE, Chinnock RE, Vincent RN, Tosteson ANA, O'Connor GT. Survival analysis and risk factors for mortality in transplantation and staged surgery for hypoplastic left heart syndrome. *J. Am. Coll. Cardiol.* 2000; 36(4):1178 - 85.
15. Perry YY, Friedman JK, Gauvreau K, Lock JE, **Jenkins KJ**. Sudden death in patients after transcatheter device implantation for congenital heart disease. *Am. J. Cardiol.* 2000; 85:992 - 5.
16. Norwitz ER, Hoyte LPJ, **Jenkins KJ**, van der Velde ME, Ratiu P, Rodriguez-Thompson D, Wilkins-Haug L, Tempany CMC, Fishman SJ. Separation of conjoined twins with the twin reversed-arterial perfusion sequence after prenatal planning with three-dimensional modeling. *N. Eng. J. Med.*, 2000; 343:399 - 402.
17. Goff DA, Gauvreau K, Quigley D, Lock JE, **Jenkins KJ**. Clinical outcomes after Fontan fenestration closure. *Circulation*, 2000; 102:2094 - 2099.
18. Jenkins PC, Flanagan MF, Sargent JD, Canter CE, Chinnock RE, **Jenkins KJ**, Vincent RN, O'Connor GT, Tosteson ANA. A comparison of treatment strategies for hypoplastic left heart syndrome using decision analysis. *J. Am. Coll. Cardiol.* 2001;38:1181 - 7
19. Satou GM, Lacro RV, Chung T, Gauvreau K, **Jenkins KJ**. Heart size on chest x-ray as a predictor of cardiac enlargement by echocardiography in an outpatient pediatric cardiac clinic. *Pediatr. Cardiol.* 2001; 22:218 - 222.
20. Powell AJ, Gauvreau K, **Jenkins KJ**, Blume ED, Mayer JE, Lock JE. Perioperative risk factors for the development of protein losing enteropathy following a Fontan procedure. *Am. J. Cardiol.* 2001; 88:1206 - 1209.
21. Kreutzer J, Ryan CA, Gauvreau K, Van Praagh R, Anderson JM, **Jenkins KJ**. Healing response to the clamshell device for closure of intracardiac defects in humans. *Cathet. Cardiovasc. Intervent.* 2001; 54:101 - 111.

22. **Jenkins KJ**, Gauvreau K, Newburger JW, Spray T, Moller JH, Iezzoni LI. Consensus-based method for risk adjustment for congenital heart surgery. *J. Thorac Cardiovasc. Surg.*, 2002; 123:110 -118.
23. Fishman SJ, Puder M, Geva T, **Jenkins KJ**, Ziegler MM, Shamberger RC. Cardiac relocation and chest wall reconstruction following separation of thoracopagus conjoined twins with a single heart. *J. Pediatr. Surg.*, 2002; 37(3): 515 - 517.
24. Webb CL, **Jenkins KJ**, Karpowich PP, Bolger A, Donner RM, Allen HD, Barst RJ, and the Committee on Congenital Cardiac Defects, Section on Cardiovascular Disease in the Young, American Heart Association. Collaborative care for adults with congenital heart disease. *Circulation*, 2002; 105(19): 2318 - 2323.
25. **Jenkins KJ**, Gauvreau K. Center-specific differences in mortality: preliminary analysis using the risk adjustment in congenital heart surgery (RACHS-1) method. *J. Thorac Cardiovasc. Surg.*, 2002; 124:97-104.
26. DeMone JA, Gauvreau K, Piercey GE, **Jenkins KJ**. Effect of insurance on mortality risk for congenital heart surgery. *Pediatr. Cardiol.* 2003;24(2):97-102.
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29. Baker AL, Gauvreau K, Newburger JW, Sundel RP, Fulton DR, **Jenkins KJ**. Physical and psychosocial health in children who have had Kawasaki disease. *Pediatrics*, 2003; 111: (3) 579-83.
30. Allen SW, Gauvreau K, Bloom B, **Jenkins KJ**. Evidence based referral results in significantly reduced mortality after congenital heart surgery. *Pediatrics*, 2003; 112(1): 24-28.
31. Brown DW, Gauvreau K, Moran AM, **Jenkins KJ**, Perry SB, del Nido PH, Colan SD. Clinical outcomes and utility of cardiac catheterization prior to superior cavopulmonary anastomosis. *J. Thorac Cardiovasc. Surg.*, 2003; 126(1): 272-81.
32. Walker RE, Gauvreau K, **Jenkins KJ**. Health-related quality of life in children attending a cardiology clinic. *Pediatric Cardiology* 2004; 25:40-48.
33. Jenkins PC, Flanagan MF, **Jenkins KJ**, Sargent JD, Canter CE, Chinnock RE, Vincent RN, O'Connor GT. Morbidities in patients with hypoplastic left heart syndrome. *Pediatric Cardiology*, 2004; 25:3-10.
34. Knauth AL, Lock JE, Perry SB, McElhinney DB, Gauvreau K, Landzberg MJ, Rome JJ, Hellenbrand WE, Ruiz CE, **Jenkins KJ**. Transcatheter device closure of congenital and postoperative residual ventricular septal defects. *Circulation*. 2004 Aug 3; 110(5):501-7 Epub 2004 Jul 19.
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38. Bergersen L, Gauvreau K, Lock J, **Jenkins KJ**. Recent results of pulmonary arterial angioplasty: The differences between proximal and distal lesions. *Cardiol Young*. 2005; 15:597-604
39. Bergersen L, **Jenkins KJ**, Gauvreau K, Lock J. Follow-up results of Cutting Balloon angioplasty used to relieve stenosis in small pulmonary arteries. *Cardiol Young*. 2005; 15:605-610.
40. Welke KF, Jacobs JP, **Jenkins KJ**. Evaluation of Quality of Care for Congenital Heart Disease. *Ped Card Surg Ann* 2005;8: 157-167.

41. Connor JA, Gauvreau K, **Jenkins KJ**. Factors That Are Associated With Increased Resource Utilization for Congenital Heart Disease. *Pediatrics* 2005;116(3):689-95.
42. Mahle WT, Visconti KJ, Freier MC, Kanne SM, Hamilton WG, Sharkey AM, Chinnock RE, **Jenkins KJ**, Isquith PK, Burns TG, Jenkins PC. Relationship of Surgical Approach to Neurodevelopmental Outcome in Hypoplastic Left Heart Syndrome. *Pediatrics* 2006 Jan; 117(1):e90-7. Epub 2005 Dec 15.
43. Riedlinger WFJ, Juraszek A, **Jenkins KJ**, Nugent A, Balasubramanian S, Kieran M, Collins T. Pulmonary vein stenosis: Expression of receptor tyrosine kinases by lesional cells. *Cardiovascular Pathology* 2006 Mar-Apr; 15(2):91-99.
44. Benavidez OJ, Gauvreau K, **Jenkins KJ**. Racial and Ethnic Disparities in Mortality Following Congenital Heart Surgery. *Pediatric Cardiology* 2006 June; 27(3):321-328.
45. Blume ED, Canter CE, Spicer R, Gauvreau K, Colan S, **Jenkins KJ**. Prospective Single-Arm Protocol of Carvedilol in Children with Ventricular Dysfunction. *Pediatric Cardiology* 2006 June; 27(3):336-342.
46. Nugent AW, Britt A, Gauvreau K, Piercey GE, Lock JE, **Jenkins KJ**. Device Closure Rates of Simple Atrial Septal Defects Optimized by STARFlex Device. *J. Am. Coll. Cardiol.* 2006 Aug; 48(3).
47. Rhodes J, Curran TJ, Camil L, Rabideau NR, Fulton DR, Gauthier NS, Gauvreau K, **Jenkins KJ**. Sustained Effects of Cardiac Rehabilitation in Children with Serious Congenital Heart Disease. *Pediatrics* 2006 Sep; 118(3):e586-93.
48. Salvin JW, McElhinney DB, Colan SD, Gauvreau K, del Nido PJ, **Jenkins KJ**, Lock JE, Tworetzky W. Fetal Tricuspid Valve Size and Growth as Predictors of Outcome in Pulmonary Atresia with Intact Ventricular Septum. *Pediatrics* 2006; 118:415-420.
49. Connor JA, Curley MA, **Jenkins KJ**, Gauvreau K, Hickey PA. Maximizing Intensive Care Bed Utilization While Maintaining Pediatric Patient Safety and Quality of Care. *Patient Safety & Quality Healthcare* November/December 2006; 50-55.
50. Almond CS, Chen EA, Berman MR, Less JR, Baldwin JT, Linde-Feucht WR, Hoke TR, Pearson GD, **Jenkins KJ**, Duncan BW, Zuckerman BD. High-risk Medical Devices, Children and the FDA: Regulatory Challenges Facing Pediatric Mechanical Support. *ASAIO J* 2007 Jan-Feb; 53(1):4-7.
51. Ma M, Gauvreau K, Allan CK, Mayer JE, **Jenkins KJ**. Causes of Death after Congenital Heart Surgery. *Ann of Thorac Surg* 2007 Apr; 83(4):1438-45.
52. Jacobs JP, Jacobs ML, Lacour-Gayet FG, **Jenkins KJ**, Gauvreau K, Bacha E, Maruszewski B, Clarke DR, Tchervenkov CI, Gaynor JW, Spray TL, Stellin G, O'Brien SM, Elliot MJ, Mavroudis C. Complexity Stratification using both RACHS-1 and Aristotle applied to 46,635 Operations in the STS Congenital Database. *Journal of Thorac and Cardiovasc Surg* 2007 Apr; 133(4):865-75.
53. **Jenkins KJ**, Correa A, Feinstein JA, Botto L, Britt A, Daniels SR, Elixson M, Warnes CA, Webb CL. Non-Inherited Risk Factors and Congenital Cardiovascular Defects: Current Knowledge. *Circulation* 2007 Jun 12; 115(23):2995-3014.
54. Shah S, Feuer P, Farguson T, **Jenkins KJ**, White M, Levy F, Levin J. Off-Label Drug Use in Hospitalized Children. *Archives of Pediatrics and Adult Medicine* 2007; 161:282-290.
55. Larrazabal LA, del Nido PJ, **Jenkins KJ**, Gauvreau K, Lacro R, Colan SD, Pigula F, Benavidez OJ, Fynn-Thompson F, Mayer JE, Bacha EA. Measurement of Technical Performance in Congenital Heart Surgery: A Pilot Study. *Annals of Thoracic Surgery* 2007; 83:179-84.
56. Benavidez OJ, Gauvreau K, Del Nido P, Bacha E, **Jenkins KJ**. Complications and Risk Factors for Mortality during Congenital Heart Surgery Admissions. *Ann. of Thoracic Surg* 2007 Jul; 84(1):147-155.
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58. Benavidez OJ, Gauvreau K, del Nido P, Bacha E, **Jenkins KJ**. Application of a Complication Screening Method to Congenital Heart Surgery Admissions: A Preliminary Report. *Pediatric Cardiology* 2007 Oct 3; Epub.

59. Larrazabal LA, **Jenkins KJ**, Gauvreau K, Vida VL, Benavidez OJ, Gaitan GA, Garcia F, Casteneda AR. Improvement in Congenital Heart Surgery in a Developing Country: The Guatemalan Experience. *Circulation* 2007 Oct 23; 116(17).
60. Mandell J, **Jenkins KJ**. Driving Patient Safety Improvement Through Children's Hospital Boston. *CRICO/RMF* January 2008; 26(1).
61. Bergersen L, Gauvreau K, Jenkins KJ, Lock J. Adverse Event Rates in Congenital Cardiac Catheterization : A New Understanding of Risks. *Congenital Heart Disease* 2008; 3:90-105.
62. Benavidez OJ, Gauvreau K, **Jenkins KJ**, Geva T. Diagnostic Errors in Pediatric Echocardiography: Development of Taxonomy and Identification of Risk Factors. Accepted to *Circulation* 2007
63. Bergersen L, Nugent A, Keane J, Gauvreau K, Lock J, **Jenkins KJ**. Pediatric Interventional Catheterization: Development of a risk adjustment model for preventable complications. Accepted to *Congenital Heart Disease* 2008.
64. Niemantsverdriet MBA, Ottenkamp J, Gauvreau K, Del Nido, P, Hazekamp, MG, **Jenkins KJ**. Determinants of right Ventricular Outflow Tract Conduit Longevity; A Multinational Analysis. Accepted to *Congenital Heart Disease* 2008.
65. Bergersen L, Gauvreau K, Lock J, **Jenkins KJ**. A Risk Adjusted Method for Comparing Adverse Outcomes among Practitioners in Pediatric and Congenital Cardiac Catheterization. Accepted *Congenital Heart Disease* 2008.
66. Jenkins PC, Chinnock RE, **Jenkins KJ**, Mahle WT, Mulla N, Sharkey AM, Flanagan MF. Decreased Exercise Performance with Age in Children with Hypoplastic Left Heart Syndrome. Accepted to *The Journal of Pediatrics* 2008.
67. Meadows J, **Jenkins KJ**. Lymphatic obstruction to protein-losing enteropathy in patients with complex congenital heart disease: A case-control study. Accepted to *Congenital Heart Disease* 2008.
68. Connor JA, Kline NE, Mott S, Harris SK, **Jenkins KJ**. The Economic Burden of Congenital Heart Disease on Families. Submitted to *Journal of Nursing Scholarship* 2007.
69. Rhodes J, Margossian R, Darras B, Colan SD, **Jenkins KJ**, Geva T, Powell AJ. Safety and Efficacy of Carvedilol Therapy in Patients with Dilated Cardiomyopathy Secondary to Muscular Dystrophy. Submitted to *J. Am. Coll. Cardiol.*, 2007.
70. Maltz LA, Gauvreau K, Connor JA, **Jenkins KJ**. Clopidogrel in a Pediatric Population: Description Results from a Single Center. Submitted to *Pediatric Cardiology* 2007.
71. Larrazabal LA, Pigula, F, Del Nido, P, Gauvreau, K, **Jenkins, KJ**, Colan, SD, Fynn-Thompson, F, Mayer, JE, Bacha E. Measurement of Technical Performance in Congenital Heart Surgery: The Stage I Norwood Procedure. Submitted to *The Journal of Thoracic and Cardiovascular Surgery* 2007.

## CHAPTERS

1. **Jenkins KJ**. Variability in outcomes for congenital heart surgery. In Alfieris G, Vermilion R, Lipshultz SE, editors. *Progress in Pediatric Cardiology*, 2003:18(1):27-32.
2. **Jenkins KJ**. Risk adjustment for congenital heart surgery: the RACHS-1 method. In *Semin Thorac Cardiovasc Surg Pediatr Card Surg Annu.* 2004; 7:180-4.
3. **Jenkins KJ**, Gauvreau K, Colan S. Methodological Issues in Clinical Research. In Nadas' Pediatric Cardiology: Keane JF, Lock JE, Fyler DC, editors. Elsevier, Philadelphia, PA 2006; 20:337-346.
4. **Jenkins KJ**, Gauvreau K. Introduction to Research Design and Analysis. In Optical Coherence Tomography: Principles and Applications: Brezinski M, editors. Elsevier/Academic Press 2006; 14:371-391.
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- Connor JC and **Jenkins KJ**. Factors associated with increased resource utilization for congenital heart disease. In Congenital Heart Defects: From Origins to Treatment: Wyszynski, D.F., Correa-Villasenor, A, and Graham, TP, editors. Oxford University Press. Spring 2008.

ABSTRACTS (NOT YET PUBLISHED):

- Jenkins KJ**, Gauvreau K. Effect of institutional volume on risk-adjusted mortality for congenital heart surgery. American College of Cardiology, 2001.
- Walker RE, Gauvreau K, **Jenkins KJ**. Discrepancies in parent and child health reports for children with heart disease. The 3<sup>rd</sup> World Congress of Pediatric Cardiology and Cardiac Surgery, 2001.
- Goff DA, Gauvreau K, Roth SJ, Del Nido PJ, **Jenkins KJ**. Risk factors for pulmonary vein stenosis (PVS). American College of Cardiology, 2003.
- Connor J, Gauvreau K, **Jenkins KJ**. Marked Statewide Variation in Risk-Adjusted Hospital Charges for Congenital Heart Surgery. Pediatric Academic Society and Eastern SPR, 2005.
- Horowitz L, McClay M, Frankel A, Mandell J, Fenwick S, Sporing E, Mayer J, Goldmann D, **Jenkins KJ**. Identification of Actionable Items for Systems Improvement through Executive Walkrounds in a Pediatric Hospital. Pediatric Academic Society and Eastern SPR, 2005.
- Sutton N, **Jenkins KJ**, Keane J, Gauvreau K, Colan S, Lock J. Predictors of Unfavorable Pulmonary Artery Anatomy in Tetralogy of Fallot with Pulmonary Atresia. Pediatric Academic Society and Eastern SPR, 2005.
- Thiagarajan R, Gauvreau K, Connor J, Laussen P, **Jenkins KJ**. Epidemiology and Outcomes for Pediatric Extracorporeal Membrane Oxygenation. Pediatric Academic Society and Eastern SPR, 2005.
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