

CURRICULUM VITAE

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Part I: General Information

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Place of Birth: Beer-Sheba, Israel

Citizenship: USA

Medical Education:

1977 - 1984 Sackler School of Medicine, Tel-Aviv University, Israel
1985 M.D. degree
2007 Master of Arts, Harvard University, Cambridge, MA

Postdoctoral Training:

1983 - 1984 Rotating Internship, The Chaim Sheba Medical Center, Tel-Hashomer Israel
1984 House Officer, Department of Cardiology, The Chaim Sheba Medical Center, Tel-Hashomer, Israel
1985 - 1988 Resident, Department of Pediatrics, The Chaim Sheba Medical Center, Tel-Hashomer, Israel
1988 - 1990 Fellow, Cardiac Pathology, Children's Hospital Boston and Harvard Medical School Boston, MA
1990 - 1993 Fellow, Pediatric Cardiology, Texas Children's Hospital and Baylor College of Medicine, Houston, TX
July 1991 Externship, Echocardiography Laboratory, Children's Hospital Boston, Boston, MA

Licensure and Certification:

1984 Ministry of Health, Israel, License
1988 Educational Commission for Foreign Medical Graduates
1992 - 1998 State of Texas
1990 - present Commonwealth of Massachusetts

Examinations:

- 1987 Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS)
- 1988 Written Boards in Pediatrics, Israel
- 1989 Federation Licensing Examination (FLEX)
- 1992 Texas Medical Jurisprudence Examination

Academic Appointments:

- 1993 - 1994 Assistant Professor of Pediatrics and Pathology, Baylor College of Medicine, Houston, TX
- 1994 - 1999 Assistant Professor of Pediatrics, Harvard Medical School, Boston, MA
- 1999 - 2006 Associate Professor of Pediatrics (Radiology), Harvard Medical School, Boston, MA
- 2006 Professor of Pediatrics, Harvard Medical School, Boston, MA

Hospital or Affiliated Institution Appointments:

- 1992 - 1994 Staff Pediatric Cardiologist, Texas Heart Institute, Houston, TX
- 1993 - 1994 Associate in Pediatric Cardiology, Texas Children's Hospital, Houston, TX
- 1993 - 1994 Consultant (Pediatric Cardiology), St. Joseph Hospital, Houston, TX
- 1993 - 1994 Consultant (Pediatric Cardiology), St. Luke's Episcopal Hospital, Houston, TX
- 1993 - 1994 Consultant (Pediatric Cardiology), Memorial Hospital Southwest, Houston, TX
- 1993 - 1994 Consultant (Pediatric Cardiology), The Methodist Hospital, Houston, TX
- 1993 - 1994 Consultant (Pediatric Cardiology), Park Plaza Hospital, Houston, TX
- 1993 - 1994 Consultant (Pediatric Cardiology), Women's Hospital of Texas, Houston, TX
- 1994 - 1999 Associate in Cardiology, Children's Hospital, Boston, MA
- 1999 - present Senior Associate in Cardiology, Children's Hospital, Boston, MA
- 1999 - present Active staff, Department of Radiology (Cardiac MRI), Children's Hospital, Boston, MA
- 2002 - present Affiliate Staff, Department of Newborn Medicine, Brigham and Women's Hospital, Boston, MA

Hospital and Health Care Organization Service Responsibilities:

- 1993 - 1994 Attending, Echocardiography Laboratory, Texas Children's Hospital, Houston, TX
- 1993 - 1994 Attending, Inpatient Cardiology Service, Texas Children's Hospital, Houston, TX
- 1993 - 1994 Attending, Cardiology Outpatient Clinic, Texas Children's Hospital, Houston, TX
- 1993 - 1994 Attending, Pediatric Cardiology Consultation Service, Harris County Hospital District, Houston, TX
- 1994 - present Attending, Echocardiography Laboratory, Children's Hospital, Boston, MA
- 1994 - present Attending, Cardiology Outpatient Clinic, Children's Hospital, Boston, MA
- 1995 - 2000 Attending, Cardiology Consultation Service, Children's Hospital, Boston, MA
- 1995 - present Attending, Cardiovascular MRI Program, Children's Hospital, Boston, MA

Major Administrative Responsibilities:

- 1995 - 1999 Co-director, Cardiac MRI Service, Children's Hospital, Boston, MA
- 1998 - 1999 Board of Directors, Boston Children's Heart Foundation, Boston, MA
- 1999 - 2005 Director, Cardiovascular MRI Program, Children's Hospital, Boston, MA
- 2006 - present Chief, Division of Noninvasive Imaging, Department of Cardiology, Children's Hospital, Boston, MA

Major Committee Assignments:

Medical School

1993 - 1994 Institutional Review Board for Human Subjects, Baylor College of Medicine, Houston, TX

Hospital Committees

1993 - 1994 Surgical and Postoperative Planning Committee, Section of Pediatric Cardiology, Baylor College of Medicine and the Department of Cardiovascular Surgery, Texas Heart Institute

1993 - 1994 Computer Committee, Section of Pediatric Cardiology, Texas Children's Hospital, Houston, TX

1993 - 1994 *Ad Hoc* Committee on Management of Functional Single Ventricle, Section of Pediatric Cardiology, Texas Children's Hospital, Houston, TX

1995 - 1996 *Ad Hoc* Fringe Benefits Committee, Boston Children's Heart Foundation, Boston, MA

1995 - 2000 Curriculum Committee, Department of Cardiology, Children's Hospital, Boston, MA

1997 - 2000 Quality Improvement Committee, Department of Pathology, Children's Hospital, Boston, MA

1998 - 2000 Computer Committee, Department of Cardiology, Children's Hospital, Boston, MA

2002 - 2005 Scientific Review Committee, Department of Cardiology, Children's Hospital, Boston, MA

National

1993 - 1994 *Ad Hoc* Organizing Committee of the Council on Pediatric Echocardiography, American Society of Echocardiography

2000 - 2003 Member, Committee on Cardiac Imaging, Council on Clinical Cardiology (liaison for the Council on Cardiovascular Disease in the Young), American Heart Association

2000 - 2001 Member, Task Force on Research in Pediatric Cardiovascular Disease, National Heart, Lung, and Blood Institute, National Institutes of Health, Department of Health and Human Services

2000 - present Member, Task Force on Training in Pediatric Noninvasive Cardiac Imaging, Society of Pediatric Cardiology Training Program Directors

2002 - present Board Member, Pediatric Council, American Society of Echocardiography

2003 - present Member, Congenital Cardiac Defects Committee, Council on Cardiovascular Disease in the Young, American Heart Association

2004 Member, Pediatric Advisory Subcommittee, Pediatric Drug Development, Center for Drug Evaluation and Research, Food and Drug Administration, Department of Health and Human Services

2004 - 2005 President-Elect, Pediatric Council, American Society of Echocardiography

2005 - 2007 President, Pediatric Council, American Society of Echocardiography

2005 - 2007 Board member, American Society of Echocardiography

2006 - 2011 External Advisor, NHLBI Pediatric Heart Network Clinical Research Skills Training Core, Division of Pediatric Cardiology, Columbia University, NY

2008 - present Member, Membership Committee, Society for Cardiovascular Magnetic Resonance

2008 *Ad Hoc* Advisory Member, Cardiovascular and Renal Drugs Advisory Committee and the Drug Safety and Risk Management Advisory Committee, Food and Drug Administration, Department of Health and Human Services

Professional Societies:

1983 - 1988 Israel Medical Association

1988 - present Massachusetts Medical Society
 1990 - 2001 Associate Fellow, American College of Cardiology
 1992 - present Society of Pediatric Echocardiography
 1992 - present American Heart Association
 1993 - present Member, Council on Cardiovascular Disease in the Young
 1993 - 1994 Harris County Medical Society
 1993 - 1994 American Association for the Advancement of Science
 1994 - present American Society of Echocardiography
 1997 - present North American Society for Cardiac Imaging
 2001 - present Fellow, American College of Cardiology
 2001 - present Honorary member, Chilean Society of Cardiology and Cardiovascular Surgery
 2003 - present Fellow, American Society of Echocardiography

Editorial Boards:

1997 - present Editorial Board, *Pediatric Cardiology*
 1999 - present Editorial Board, *Progress in Pediatric Cardiology*
 2005 - present Editorial Board, *Journal of the American College of Cardiology*

Ad Hoc Reviewer:

1988 - present Pediatrics
 1992 - present American Heart Journal
 1993 - present American Journal of Physiology
 1993 - present Circulation
 1994 - 1995 Pediatric Research
 1995 - present American Journal of Cardiology
 1995 - present Journal of the American College of Cardiology
 1995 - 2000 Abstract grader, American Heart Association Annual Scientific Session
 1996 - present The Journal of Thoracic and Cardiovascular Surgery
 1996 - present The Journal of Pediatrics
 1998 - present The Lancet
 1999 - present Journal of the American Society of Echocardiography
 2000 - present Abstract grader, American Society of Echocardiography Annual Scientific Session
 2004 Ad Hoc reviewer, NIH/NHLBI Cardiac Contractility, Hypertrophy, and Failure (CCHF) study section
 2004 Abstract grader, American College of Cardiology Annual Scientific Session
 2004 Ad Hoc reviewer, Alberta Heritage Foundation for Medical Research
 2005 - present Guest Editor, Journal of the American College of Cardiology

Awards and Honors:

1974 First Place, Research Project Competition of Young Scientists, The Weizmann Institute of Science, Israel
 1974 First Place, Research Project Competition of Young Scientists, Bar-Ilan University, Israel
 1992 American College of Cardiology and Bristol Laboratories Affiliate in Training Travel Award

- 1994 Teaching Award, Pediatric Cardiology, Texas Children's Hospital, Houston, TX
- 1998 The Nahum J. Winer Memorial Lecture; The New York Academy of Medicine and The Greater New York Pediatric Cardiology Society, New York, NY
- 1998 - present Listed, Best Doctors in America
- 2001 Fellow, American College of Cardiology
- 2003 Pfizer Visiting Professorship Program in Pediatrics
- 2004 The Nahum J. Winer Memorial Lecture: When can MRI substitutes for cardiac catheterization. The New York Academy of Medicine and The Greater New York Pediatric Cardiology Society, New York, NY

Part III: Bibliography

Original Articles:

1. **Geva T**, Hegesh J, Frand M. The clinical course and echocardiographic features of Marfan's syndrome in childhood. *Am J Dis Child* 1987;114:1179-1182.
2. **Geva T**, Hegesh J, Frand M. Reappraisal of the approach to the child with heart murmurs: Is echocardiography mandatory? *Int J Cardiol* 1988;19:107-113.
3. Keren G, **Geva T**, Bogokovsky B, Rubinstein E. Corynebacterium group J.K. pathogen in central nervous system shunt infection: Report of two cases and review of the literature. *J. Neurosurg* 1988;68:648-650.
4. **Geva T**, Theodor R. Atypical presentation of subacute thyroiditis in a two-year-old child. *Arch Dis Child* 1988;63:845-846.
5. **Geva T**, Frand M. Changing spectrum of infective endocarditis in children with congenital heart disease: Analysis of 35 cases, 1965 - 1985. *European Heart J* 1988;9:1244-1249.
6. Leibovitch S, **Geva T**, Mordel A., Tirosh M, Sack J. Lead poisoning in two families: Exposure from a domestic car battery workshop. *Harefuah* 1989;116:96-98.
7. **Geva T**, Frand M, Benjamin P, Hegesh J. Cerebral embolization from an inferior vena cava thrombus in tetralogy of Fallot. *Pediatr Cardiol* 1990;11:44-46.
8. **Geva T**, Sanders SP, Diogenes M, Rockenmacher S, Van Praagh R. Two-dimensional and Doppler echocardiographic and pathologic characteristics of the infantile Marfan syndrome. *Am J Cardiol* 1990;65:1230-1237.
9. **Geva T**, Ray RA, Santini F, Van Praagh S, Van Praagh R. Asymptomatic persistent fifth aortic arch (congenital double-lumen aortic arch) in an adult. *Am J Cardiol* 1990;65:1406-1407.
10. **Geva T**, Van Praagh S, Van Praagh R. Thoracoabdominal ectopia cordis with isolated infundibular atresia. *Am J Cardiol* 1990;66:891-893.
11. Van Praagh R, Santini F, **Geva T**. Segmental situs in congenital heart disease: A fundamental concept. *G Ital Cardiol* 1990;20:246-253.
12. **Geva T**, Santini F, Pear W, Driscoll SG, Van Praagh R. Cardiac rhabdomyoma: Rare causes of fetal death. *Chest* 1991;99:139-142.
13. **Geva T**, Van Praagh S, Sanders SP, Mayer JE, Van Praagh R. Straddling mitral valve with hypoplastic right ventricle, crisscross atrioventricular relations, double-outlet right ventricle, and dextrocardia: Morphologic, diagnostic, and surgical considerations. *J Am Coll Cardiol* 1991;17:1603-1612.
14. Wong PC, Sanders SP, Jonas RA, Colan SD, Parness IA, **Geva T**, Van Praagh R, Spevak PJ. Pulmonary valve-moderator band distance: Association with development of double-chambered right ventricle in infants with ventricular septal defect. *Am J Cardiol* 1991;68:1681-1686.

15. **Geva T**, Ott D, Ludomirsky A, Argyle SJ, O' Laughlin MP. Tricuspid atresia associated with aortopulmonary window: palliation with a fenestrated patch. *Am Heart J* 1992;123: 260-262.
16. Matitiau A, **Geva T**, Colan SD, Sluysmans T, Spevak PJ, Van der Velde M, Mayer JE, Sanders SP. Bulboventricular foramen size in infants with double-inlet left ventricle or tricuspid atresia with transposed great arteries: influence on initial palliative surgery and rate of growth. *J Am Coll Cardiol* 1992;19:142-148.
17. Rakusen K, Flanagan MF, **Geva T**, Southern J, Van Praagh R. Morphometry of human coronary capillaries during normal growth and the effect of age in left ventricular pressure- overload hypertrophy. *Circulation* 1992;86:38-46.
18. **Geva T**, Sanders SP, Ayres NA, O' Laughlin MP, Parness IA. Two-dimensional echocardiographic anatomy of atrioventricular alignment discordance with situs concordance. *Am Heart J* 1993;125:459-464.
19. Kleinert S, Ott DA, **Geva T**. Critical discrete subaortic stenosis in the newborn period. *Am Heart J* 1993;125:1187-1189.
20. Kleinert S, **Geva T**. Echocardiographic morphometry and geometry of the left ventricular outflow tract in fixed subaortic stenosis. *J Am Coll Cardiol* 1993;22:1501-1508.
21. **Geva T**, Hornberger LK, Sanders SP, Jonas RA, Ott DA, Colan SD. Echocardiographic predictors of left ventricular outflow tract obstruction after repair of interrupted aortic arch. *J Am Coll Cardiol* 1993;22:1953-1960.
22. Shirali GS, **Geva T**, Ott DA, Bricker JT. Double aortic arch and bilateral patent ducti arteriosi associated with transposition of the great arteries: the missing clinical link in an embryologic theory. *Am Heart J* 1994;127:451-453.
23. **Geva T**, Vick GW III, Wendt RE, Rokey R. Role of spin echo and cine magnetic resonance imaging in presurgical planning of heterotaxy syndrome: comparison with echocardiography and catheterization. *Circulation* 1994; 90: 348-356.
24. **Geva T**, Gajarski RJ. Echocardiographic diagnosis of type B interruption of a right aortic arch. *Am Heart J* 1995;129:1042-1045.
25. Kovalchin JP, Grifka RG, McQuinn TC, Pignatelli RH, **Geva T**. Right coronary artery to right atrium fistula mimicking a right atrial mass. *Am Heart J* 1995;130:907-909.
26. **Geva T**, Ayres NA, Pac FA, Pignatelli R. Quantitative morphometric analysis of progressive infundibular obstruction in tetralogy of Fallot: A prospective longitudinal echocardiographic study. *Circulation* 1995;92:886-892.
27. Shirali GS, Smith EO, **Geva T**. Quantitation of echocardiographic predictors of outcome in infants with isolated ventricular septal defect. *Am Heart J* 1995;130:1228-1235.
28. Fisher DJ, **Geva T**, Feltes TF, Cecchin F, Nihill MR, Grifka R, Reul GJ, Ott DA. A protocol for the lifelong management of patients with a single functional ventricle. *Texas Heart Institute Journal* 1995;22:284-295.
29. Kertesz NJ, Gajarski RJ, Towbin JA, **Geva T**. Effect of donor-recipient size mismatch on left ventricular remodeling following pediatric orthotopic heart transplantation. *Am J Cardiol* 1995;76:1167-1172.
30. **Geva T**, Ayres NA, Pignatelli RH, Gajarski RJ. Echocardiographic evaluation of common atrioventricular canal defects: A study of 206 consecutive patients. *Echocardiography* 1996;13: 387-399.
31. Kaine SF, Smith EO, Mott AR, Mullins CE, **Geva T**. Quantitative echocardiographic analysis of the aortic arch predicts outcome of balloon angioplasty of native coarctation of the aorta. *Circulation* 1996;94:1056-1062.
32. Pu WT, Chung T, Hoffer FA, Jonas RA, **Geva T**. Diagnosis and management of agenesis of the right lung and left pulmonary artery sling. *Am J Cardiol* 1996;78:723-727.
33. **Geva T**, Mauer MB, Striker L, Kirshon B, Pivarnik J. Effects of physiologic load of pregnancy on left ventricular contractility and remodeling. *Am Heart J* 1997;133:53-59.

34. Kumar K, Lock JE, **Geva T**. Apical muscular ventricular septal defects between the left ventricle and the right ventricular infundibulum: Diagnostic and interventional considerations. *Circulation* 1997;95:1207-1213.
35. Van Praagh S, **Geva T**, Friedberg DZ, Oechler H, Colli A, Frigiola A, Van Praagh R. Aortic outflow obstruction in visceral heterotaxy: a study based on twenty postmortem cases. *Am Heart J* 1997;133:558-568.
36. Kovalchin JP, Forbes JT, Nihill M, **Geva T**. Echocardiographic determinants of clinical course in infants with critical and severe pulmonary valve stenosis. *J Am Coll Cardiol* 1997;29:1095-1101.
37. Kertesz, NJ, Friedman RA, Colan SD, Walsh EP, Gajarski RJ, Gray PS, Shirley R, **Geva T**. Left ventricular mechanics and geometry in patients with congenital complete atrioventricular block. *Circulation* 1997;96:3430-3435.
38. Lutterman, J, Scott M, Nass R, **Geva T**. Moyamoya syndrome associated with congenital heart disease. *Pediatrics* 1998;101:57-60.
39. Fraise A, Colan SD, Jonas RA, Gauvreau K, **Geva T**. Accuracy of echocardiography for detection of aortic arch obstruction following stage I Norwood procedure. *Am Heart J* 1998;135:230-236.
40. Bezold LI, Smith EO, Kelly K, Colan SD, Gauvreau K, **Geva T**. Development and validation of an echocardiographic model for predicting progression of discrete subaortic stenosis in children. *Am J Cardiol* 1998;81:314-320.
41. **Geva T**, Powell AJ, Crawford EC, Chung TC, Colan SD. Evaluation of regional differences in right ventricular systolic function by acoustic quantification echocardiography and cine MRI. *Circulation* 1998;98:339-345.
42. Be'eri E, Maier SE, Landzberg MJ, Chung T, **Geva T**. In-vivo evaluation of Fontan pathway flow dynamics by multidimensional phase-velocity magnetic resonance imaging *Circulation* 1998;98:2873-2882.
43. Sherwood MC, Rockenmacher S, Colan SD, **Geva T**. Prognostic significance of clinically silent coronary artery fistulae. *Am J Cardiol* 1999;83:407-411.
44. Litovsky SH, Ostfeld I, Bjornstad PG, Van Praagh R, **Geva T**. Truncus arteriosus with anomalous pulmonary venous connections. *Am J Cardiol* 1999;83:801-803.
45. Blume ED, Altmann K, Mayer JE, Colan SD, Gauvreau K, **Geva T**. Evolution of risk factors influencing early mortality of the arterial switch operation. *J Am Coll Cardiol* 1999;33:1702-1709.
46. Powell AJ, Maier SE, Chung T, **Geva T**. Phase velocity cine MRI measurement of pulsatile blood flow in children and young adults: in vitro and in vivo validation. *Pediatr Cardiol* 2000;21:104-110.
47. Satou GM, Perry SB, Gauvreau K, **Geva T**. Echocardiographic predictors of coronary artery pathology in pulmonary atresia with intact ventricular septum. *Am J Cardiol* 2000;85:1319-1324.
48. Bichell DP, **Geva T**, Bacha EA, Mayer JE, Jonas RA, del Nido PJ. Minimal access approach for the repair of atrial septal defect: the initial 135 patients. *Ann Thorac Surg* 2000;70:115-118.
49. Dyamenahalli U, Smallhorn JF, **Geva T**, Fouron JC, Cairns P, Jutras L, Hughes V, Rabinovitch M, Mason C, Hornberger LK. Isolated ductus arteriosus aneurysm in the fetus and infant: a multi-institutional experience. *J Am Coll Cardiol* 2000;36:262-269.
50. Okuda S, Kikinis R, **Geva T**, Chung T, Dumanli H, Powell AJ. 3D shaded surface rendering of gadolinium-enhanced MR angiography in congenital heart disease. *Pediatric Radiology* 2000;30:540-545.
51. Need LR, Powell AJ, del Nido PJ, **Geva T**. Coronary echocardiography in tetralogy of Fallot: diagnostic accuracy, resource utilization, and surgical implications over 13 years. *J Am Coll Cardiol* 2000;36:1371-1377.
52. Powell AJ, Chung TC, Landzberg MJ, **Geva T**. Accuracy of MRI evaluation of pulmonary blood supply in patients with complex pulmonary stenosis or atresia. *The Int J of Cardiac Imaging* 2000;16:169-174.

53. Schwartz ML, Gauvreau K, **Geva T**. Predictors of outcome of biventricular repair in infants with multiple left heart obstructive lesions. *Circulation* 2001;104:682-687.
54. Fraisse A, del Nido PJ, Gaudart J, **Geva T**. Echocardiographic characteristics and outcome of straddling mitral valve. *J Am Coll Cardiol* 2001;38:819-826.
55. Moran AM, Colan SD, Mauer MB, **Geva T**. Adaptive mechanisms of left ventricular diastolic function to the physiologic load of pregnancy. *Clinical Cardiology* 2002;25:124-131.
56. Greil G, **Geva T**, Maier SE, Powell AJ. Effect of acquisition parameters on the accuracy of velocity encoded cine MRI blood flow measurements. *J Mag Res Imaging* 2002;15:47-54.
57. Van Praagh S, Mayer JE, Berman NB, Flanagan MF, **Geva T**, Van Praagh R. Apical ventricular septal defects: follow-up concerning anatomic and surgical considerations. *Annals Thorac Surg* 2002;73:48-57.
58. Greil GF, Powell AJ, Gildein HP, **Geva T**. Gadolinium-enhanced 3-dimensional MR angiography of pulmonary and systemic venous anomalies. *J Am Coll Cardiol* 2002;39:335-341.
59. Greil GF; Stuber M, Botnar RM, Kissinger KV, **Geva T**, Newburger JW, Manning WJ, Powell AJ. Coronary magnetic resonance angiography in adolescents and young adults with Kawasaki disease. *Circulation* 2002;105:908-911.
60. Fishman SJ, Puder M, **Geva T**, Jenkins K, Ziegler MM, Shamberger RC. Cardiac relocation and chest wall reconstruction after separation of thoracopagus conjoined twins with a single heart. *J Pediatr Surg* 2002;37:515-517.
61. Kiaffas MG, Powell AJ, **Geva T**. Magnetic resonance imaging evaluation of cardiac tumor characteristics in infants and children. *Am J Cardiol* 2002;89:1229-1233.
62. Stamm C, Feit LR, **Geva T**, del Nido JP. Repair of ventricular septal defect and left ventricular aneurysm following blunt trauma. *European Journal of Cardio-thoracic Surgery* 2002;22:154-156.
63. **Geva T**, Greil GF, Marshall AC, Landzberg M, Powell AJ. Gadolinium-enhanced 3-dimensional magnetic resonance angiography of pulmonary blood supply in patients with complex pulmonary stenosis or atresia: comparison with x-ray angiography. *Circulation* 2002;106:473-478.
64. Rein AJJT, O'Donnell C, **Geva T**, Nir A, Perles Z, Hashimoto I, Li XK, Sahn DJ. Use of tissue velocity imaging in the diagnosis of fetal cardiac arrhythmias. *Circulation* 2002;106:1827-1833.
65. Van Praagh S, **Geva T**, Lock JE, del Nido PJ, Vance MC, Van Praagh R. Biatrial or left atrial drainage of the right superior vena cava: anatomic, morphogenetic, and surgical considerations report of three new cases and literature review. *Pediatr Cardiol* 2003;24:350-363.
66. Mackie AS, Gauvreau K, Perry SB, del Nido PJ, **Geva T**. Echocardiographic predictors of aorto-pulmonary collaterals in infants with tetralogy of Fallot and pulmonary atresia. *J Am Coll Cardiol* 2003;41:852-857.
67. Van Praagh S, Porras D, Oppido G, **Geva T**, Van Praagh R. Cleft mitral valve without ostium primum defect: anatomic data and surgical considerations based on 41 cases. *Ann Thorac Surg* 2003;75:1752-1762.
68. Powell AJ, Tsai-Goodman B, Prakash A, Greil GF, **Geva T**. Comparison between phase-velocity cine magnetic resonance imaging and invasive oximetry for quantification of atrial shunts. *Am J Cardiol* 2003;91:1523-1525.
69. Odegard KC, DiNardo JA, Tsai-Goodman B, Powell AJ, **Geva T**, Laussen PC. Anesthesia considerations for cardiac MRI in infants and small children. *Pediatric Anesthesia* 2004;14:471-476.
70. Knauth AL, Marshall AC, **Geva T**, Jonas RA, Marx GR. Aorto-pulmonary collateral vessels in tetralogy of Fallot absent pulmonary valve syndrome: an under-recognized cause of respiratory symptoms. *Am J Cardiol* 2004;93:503-505.
71. **Geva T**, Sandweiss BM, Gauvreau K, Lock JE, Powell AJ. Factors associated with impaired clinical status in long-term survivors of tetralogy of Fallot repair evaluated by magnetic resonance imaging. *J Am Coll Cardiol* 2004;43:1068-1074.

72. Prakash A, Powell AJ, Krishnamurthy, R, **Geva T**. Magnetic resonance imaging evaluation of myocardial perfusion and viability in congenital and acquired pediatric heart disease. *Am J Cardiol* 2004;93:657-661.
73. Fraïsee A, **Geva T**, Gaudart J, Wessel DL. Doppler echocardiographic predictors of outcome in newborns with persistent pulmonary hypertension. *Cardiology in the Young* 2004;14:1-7.
74. Tsai-Goodman B, **Geva T**, Odegard KC, Sena LM, Powell AJ. Clinical role, accuracy, and technical aspects of cardiovascular magnetic resonance imaging in infants. *Am J of Cardiol* 2004;94:69-74.
75. McMahon CJ, Gauvreau K, Edwards JC, **Geva T**. Risk factors for aortic valve dysfunction in children with discrete subvalvular aortic stenosis. *Am J of Cardiol* 2004;94:459-464.
76. Mackie AS, Kozakewich HPW, **Geva T**, Perez-Atayde AR, Mulliken JB. Vascular tumors of the heart in infants and children: case series and review of the literature. *Ped Cardiol* 2005;26:344-349.
77. Dorfman AL, Levine JC, Colan SD, **Geva T**. Accuracy of echocardiography in low birth weight infants with congenital heart disease. *Pediatrics* 2005;115:102-107.
78. Nielsen JC, Powell AJ, Gauvreau K, Marcus EN, Prakash A, **Geva T**. Magnetic resonance imaging predictors of the hemodynamic severity of coarctation severity. *Circulation* 2005;111:622-628.
79. Garg R, Powell AJ, Sena L, Marshall A, **Geva T**. Effects of metallic implants on magnetic resonance imaging evaluation of Fontan palliation. *Am J Cardiol* 2005;95:688-691.
80. Danhaive O, Margossian R, **Geva T**, Kourembanas. Pulmonary hypertension and right ventricular dysfunction in growth-restricted, extremely low birth weight neonates. *J Perinatol* 2005;25:495-499.
81. Haber I, Metaxas DN, **Geva T**, Axel L. Three-dimensional systolic kinematics of the right ventricle. *Am J Phys: Heart and Circulatory Physiology* 2005;289:H1826-1833.
82. Tworetzky W, del Nido PJ, Powell AJ, Marshall AC, Lock JE, **Geva T**. Usefulness of magnetic resonance imaging of left ventricular endocardial fibroelastosis in infants after fetal intervention for aortic valve stenosis. *Am J Cardiol*. 2005;96:1568-1570.
83. Wald RM, Juraszek AL, Pigula FA, **Geva T**. Echocardiographic diagnosis and management of bilateral coronary ostial atresia in a patient with pulmonary atresia and intact ventricular septum. *J Am Soc Echocardiog* 2006;19:939.e1-e3.
84. Sleeper LA, Anderson P, Hsu DT, Mahoney L, McCrindle BW, Roth SJ, Saul P, Williams RV, **Geva T**, Colan SD, Clarck BJ. Design of a large cross-sectional study to facilitate future clinical trials in children with the Fontan palliation. *Am H J* 2006;152:427-433.
85. Prakash A, Garg R, Marcus EN, Reynolds G, **Geva T**, Powell AJ. Faster flow quantification using sensitivity encoding for velocity encoded cine magnetic resonance imaging: in vitro and in vivo validation. *J Mag Res Imaging* 2006;24:676-682.
86. Valente AM, Sena L, Powell AJ, del Nido PJ, **Geva T**. Cardiac MRI evaluation of sinus venosus defects: comparison with surgical findings. *Ped Cardiol* 2007;28:51-56.
87. Knauth AL, Gauvreau K, Powell AJ, Landzberg MJ, Walsh EP, Lock JE, del Nido PJ, **Geva T**. Ventricular size and function assessed by cardiac MRI predict major adverse clinical outcomes late after tetralogy of Fallot repair. *Heart* 2008; 94:211-216 (published online 2006; Nov 29, PMID: 17135219).
88. Khalid O, Luxenberg DM, Sable C, Benavidez O, **Geva T**, Hanna B, Abdulla R. Aortic stenosis: The spectrum of practice. *Ped Cardiol* 2006;27:661-669.
89. Yang C, Tang D, Haber I, **Geva T**, del Nido PJ. *In vivo* MRI-based 3D FSI RV/LV models for human right ventricle and patch design for potential computer-aided surgery optimization. *Computers and Structures* 2007;85:988-997.
90. McMahon CJ, Moniotte S, Powell AJ, del Nido PJ, **Geva T**. Usefulness of magnetic resonance imaging evaluation of congenital left ventricular aneurysms. *Am J Cardiol* 2007;100:310-315.

91. Meadows J, Powell AJ, **Geva T**, Dorfman A, Gauvreau K, Rhodes, J. Cardiac magnetic resonance imaging correlates of exercise capacity in patients with operatively repaired tetralogy of Fallot. *Am J Cardiol* 2007;100:1446-1450.
92. Dorfman AL, Odegard KC, Powell AJ, Laussen PC, **Geva T**. Risk factors for adverse events during cardiovascular MR imaging in congenital heart disease. *J Cardiovasc MR* 2007;9:793-798.
93. Samyn MM, Powell AJ, Garg R, Sena L, **Geva T**. Range of ventricular dimensions and function by steady state free precession cine MRI in repaired tetralogy of Fallot: Right ventricular outflow tract patch versus conduit repair. *J Mag Res Imaging* 2007;26:934-940.
94. Geva A, McMahon CJ, Gauvreau K, Mohammed L, del Nido PJ, **Geva T**. Risk factors for reoperation after repair of discrete subaortic stenosis in children. *J Am Coll Cardiol* 2007;50:1498-1504.
95. Brown DW, Gauvreau K, Powell AJ, Lang P, Colan SD, del Nido PJ, Odegard KC, **Geva T**. Cardiac magnetic resonance versus routine cardiac catheterization prior to bidirectional Glenn anastomosis in infants with functional single ventricle: a prospective randomized trial. *Circulation* 2007;116:2718-2725.
96. Tang D, Yang C, **Geva T**, del Nido PJ. Two-layer passive/active anisotropic FSI models with fiber orientation: MRI-based patient-specific modeling of right ventricular response to pulmonary valve replacement surgery. *Molecular & Cellular Biomechanics* 2007;4:159-176.
97. Rhodes J, Margossian R, Darras BT, Colan SD, Jenkins KJ, **Geva T**, Powell AJ. Safety and efficacy of carvedilol therapy in patients with dilated cardiomyopathy secondary to muscular dystrophy. *Ped Cardiol* 2008;29:343-351.
98. Foerster SR, Gauvreau K, McElhinney DB, **Geva T**. Importance of totally anomalous pulmonary venous connection and postoperative pulmonary vein stenosis in outcomes of heterotaxy syndrome. *Ped Cardiol* 2008;29:536-544.
99. Vida VL, Bacha EA, Larrazabal A, Gauvreau K, Dorfman AL, Marx G, **Geva T**, Marshall AC, Pigula FA, Mayer JE, del Nido PJ, Fynn-Thompson F. Surgical outcome for patients with the mitral stenosis-aortic atresia variant of hypoplastic left heart syndrome. *J Thorac Cardiovasc Surg.* 2008;135:339-46.
100. Soriano BD, Hoch M, Ithuralde A, **Geva T**, Powell AJ, Kussman BD, Graham DA, Tworetzky W, Marx GR. Matrix-array 3-dimensional echocardiographic assessment of volumes, mass, and ejection fraction in young pediatric patients with a functional single ventricle: a comparison study with cardiac magnetic resonance. *Circulation.* 2008;117:1842-8.
101. Moniotte S, Powell AJ, Barnewolt CE, Annese D, **Geva T**. Prenatal diagnosis of thoracic ectopia cordis by real-time fetal cardiac magnetic resonance imaging and by echocardiography. *Cong Heart Disease* 2008;3:128-131.
102. Anderson PAW, Sleeper LA, Mahoney L, Colan SD, Atz AM, Breitbart RE, Gersony WM, Gallagher D, **Geva T**, Margossian R, McCrindle BW, Paridon S, Schwartz M, Stylianou M, Williams R, Clark BJ. Contemporary outcomes after the Fontan procedure: A pediatric heart network multicenter study. *J Am Coll Cardiol* 2008;52:85-98.
103. Mooji CF, de Wit CJ, Graham DA, Powell AJ, **Geva T**. Reproducibility of MRI measurements of right ventricular size and function in patients with normal and dilated ventricles. *J Mag Res Imaging* 2008;28:67-73.
104. Tang D, Yang C, **Geva T**, del Nido PJ. Patient-specific MRI-based 3D FSI RV/LV/patch models for pulmonary valve replacement surgery and patch optimization. *Journal of Biomechanical Engineering* 2008;130: (in press).
105. Tierney ESS, 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 (in press).
106. Benavidez OJ, Gauvreau K, Jenkins KJ, **Geva T**. Diagnostic errors in pediatric echocardiography: development of taxonomy and identification of risk factors. *Circulation* 2008 (in press).

107. Lai WW, Gauvreau K, Rivera ES, Saleeb S, Powell AJ, **Geva T**. Accuracy of guideline recommendations for two-dimensional quantification of the right ventricle by echocardiography. *Int J Cardiovascular Imaging* 2008 (in press).

Proceedings of Meetings:

1. Van Praagh R, Santini F, Shinpo H, **Geva T**. Hypoplastic right heart: Pathologic anatomy. In: *Pediatric Cardiology. Proceedings of the III World Congress of Pediatric Cardiology*. Amsterdam: Excerpta Medica. 1990; 181-183.
2. Van Praagh R, Shinpo H, Kreutzer J, **Geva T**, Santini F. Anomalies of the mitral and aortic valves: Pathologic anatomy in 659 postmortem cases. In: *Pediatric Cardiology. Proceedings of the III World Congress of Pediatric Cardiology*. Amsterdam: Excerpta Medica. 1990; 135-140.
3. Van Praagh R, **Geva T**, Santini F, Shinpo H. Tetralogy of Fallot: Primary repair versus staged repair? In: *Pediatric Cardiology. Proceedings of the III World Congress of Pediatric Cardiology*. Amsterdam: Excerpta Medica. 1990; 95-96.
4. **Geva T**. Advances in pediatric cardiac MRI. Proceeding of the 10th Asian Congress of Pediatrics and 3rd International Symposium in Pediatric Cardiology, Taipei, Taiwan. *Progress in Pediatric Cardiology* 2001;13:213.
5. **Geva T**. Echocardiographic evaluation of multiple aorto-pulmonary collaterals in tetralogy of Fallot with pulmonary atresia. *Sociedad Chilean de Cardiologia y Cirugia Cardiovascular* 2001;20(3):228.
6. **Geva T**. Predictors of outcome of biventricular repair in infants with multiple left heart obstructive lesions. *Sociedad Chilean de Cardiologia y Cirugia Cardiovascular* 2001;20(3):228-229.
7. **Geva T**. MRI evaluation of congenital heart disease. *Sociedad Chilean de Cardiologia y Cirugia Cardiovascular* 2001;20(3):229-234.
8. **Geva T**. MRI evaluation of congenital heart disease. 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center. 2003:96-100.
9. Tang D, Yang C, del Nido PJ, Haber I, **Geva T**. 3D image-based computational modeling for patient-specific mechanical analysis of human heart right ventricles. *Proceedings of the 2005 International Conference on Mathematics and Engineering Techniques in Medicine and Biological Sciences (METMBS) 2005*.
10. Tang D, Yang C, Haber I, **Geva T**, del Nido PJ. Image-based RV/LV combination structure-only and FSI models for mechanical analysis of human right ventricle remodeling surgery design. *Proceedings of The 5th World Congress of Biomechanics, Munich, Germany, July 30 - August 4, 2006*.
11. Tang D, Yang C, del Nido PJ, **Geva T**, Yuan C, Hatsukami T, Liu F, Zheng J, Woodard. Image-based computational modeling for cardiovascular diseases with potential clinical applications. *Proceedings of the International Conference on Computational & Experimental Engineering and Sciences 2007:199-204 and ICCES 2007;1:1-6*.
12. Tang D, Yang C, **Geva T**, del Nido PJ. Patient-specific virtual surgery for right ventricle volume reduction and patch design using MRI-Based 3D FSI RV/LV/patch models, Best paper award, *Proceedings of 2007 IEEE/ICME International Conference on Complex Medical Engineering 2007;158-163*.

Book Chapters, Reviews, and Editorials:

1. **Geva T**. Effects of different ventilatory patterns on hemodynamic parameters, acid-base balance, and systemic oxygen transport after open-heart surgery. M.D. Thesis, Tel-Aviv University Press 1984.
2. **Geva T**, Frand M. Developmental considerations in congestive heart failure in infancy. *Harefuah* 1987;112(4):187-192.
3. Van Praagh R, **Geva T**, Kreutzer J. Ventricular septal defects: How should we describe, name and classify them? *J Am Coll Cardiol* 1989;14:1298-1299.

4. Van Praagh R, **Geva T**, Van Praagh S. Segmental situs in congenital heart disease: Recent rare findings. In: Clark EB, Takao A, eds. *Developmental Cardiology: Morphogenesis and Function*. Mt Kisco, New York, NY: Futura Publishing Company, 1990; 627-657.
5. **Geva T**. The segmental approach to congenital heart disease. In: Braunwald E, Freedom RM, editors. *Atlas of Heart Disease*. Philadelphia, PA: Current Medicine; 1997;5.1 - 5.12.
6. **Geva T**. Echocardiography and Doppler Ultrasound. In: Garson A.Jr, Bricker JT, Fisher DJ, Neish SR (Editors), *The Science and Practice of Pediatric Cardiology*. Baltimore, MD: Williams & Wilkins; 1997;789-843.
7. Vick GW, **Geva T**, Rokey R. Nuclear magnetic resonance and positron emission tomography: Basic science aspects. In: Garson A.Jr, Bricker JT, Fisher DJ, Neish SR (Editors), *The Science and Practice of Pediatric Cardiology*. Baltimore, MD: Williams & Wilkins; 1997;589-661.
8. Vick GW, **Geva T**, Rokey R. Nuclear magnetic resonance and positron emission tomography: Clinical aspects. In: Garson A.Jr, Bricker JT, Fisher DJ, Neish SR (Editors), *The Science and Practice of Pediatric Cardiology*. Baltimore, MD: Williams & Wilkins; 1997;907-960.
9. **Geva T**. Invited Editorial to "Effect of volume unloading surgery on coronary flow dynamics in patients with aortic atresia." *J Thorac Cardiovasc Surg* 1997;113:726-7.
10. **Geva T**, Van Praagh S. Single Ventricle. In: Finberg L (Editor), *Saunders Manual of Pediatric Practice*. Philadelphia, PA: WB Saunders Company; 1998;550-554.
11. Marx GR, **Geva T**. MRI and echocardiography in children: how do they compare. *Seminars in Roentgenology*; 1998;33:281-292.
12. **Geva T**. Guest Editor. Common Atrioventricular Canal. In: *Progress in Pediatric Cardiology*. Clare, Ireland: Elsevier Science Co. 1999;10:115-194.
13. Levine J, **Geva T**. Echocardiographic Evaluation of Common Atrioventricular Canal. *Progress in Pediatric Cardiology*. Clare, Ireland: Elsevier Science Co. 1999;10:137-151.
14. **Geva T**, Powell AJ. Current applications of cardiac magnetic resonance imaging in congenital heart disease. *Pediatric Ultrasound Today* 1999;4(10):149-172.
15. Powell AJ, **Geva T**. Blood flow measurement by magnetic resonance imaging in congenital heart Disease. *Pediatric Cardiology* 2000;21:47-58.
16. **Geva T**. Guest Editor. Cardiac Magnetic Resonance imaging. *Pediatric Cardiology* 2000;21:1-99.
17. **Geva T**. Editorial: Pediatric Cardiac MRI. *Pediatric Cardiology* 2000;21:3-4.
18. **Geva T**, Van Praagh S. Anomalies of the pulmonary veins. In: Allen HD, Gutgessel HP, Clark EB, Driscoll DJ (Editors), *Moss & Adams' Heart Disease in Infants, Children, and Adolescents, Sixth Edition*. Philadelphia, PA: Lippincott Williams & Wilkins, 2001;736-772.
19. **Geva T**, Van Praagh S. Abnormal systemic venous connections. In: Allen HD, Gutgessel HP, Clark EB, Driscoll DJ (Editors), *Moss & Adams' Heart Disease in Infants, Children, and Adolescents, Sixth Edition*. Philadelphia, PA: Lippincott Williams & Wilkins, 2001;773-798.
20. **Geva T**, Kreutzer J. Diagnostic pathways for evaluation of congenital heart disease. In: Crawford MH and DiMarco JP (Editors): *Cardiology*. London: Mosby International 2001;7-4.1.
21. Moran AM, **Geva T**. Con: Pediatric anesthesiologists should not be the primary echocardiographers for pediatric patients undergoing cardiac surgical procedures. *Journal of Cardiothoracic & Vascular Anesthesia*. 2001;15(3):391-3.
22. **Geva T**. Future directions of congenital heart disease imaging (Editorial). *Pediatric Cardiology* 2002;23:117-121.
23. **Geva T**. MRI in congenital heart disease. In: Braunwald E, Fauci AS, Isselbacher KJ, Kasper DL, Hauser SL, Longo DL, Jameson JL. (Editors): *Harrison's Online*. McGraw-Hill 2003;chapter 234: <http://harrisons.accessmedicine.com>.

24. del Nido PJ, **Geva T**. Interrupted aortic arch. In: Gongora GD, Reyes NS, Velez Moreno JF, Angel GC. (Editors) *Cardiologia Pediatrica*. McGraw-Hill 2003;332-343.
25. **Geva T**. Guest Editor. Single Ventricle. In: *Progress in Pediatric Cardiology*. Clare, Ireland: Elsevier Science Co. 2002;16.
26. Sherwood M, **Geva T**. Noninvasive imaging of the single ventricle. In: *Progress in Pediatric Cardiology*. Clare, Ireland: Elsevier Science Co. 2002;16:11-30.
27. **Geva T**, Van Praagh S. Single Ventricle. In: Finberg L and Kleinman RE (Editors), *Saunders Manual of Pediatric Practice*. 2nd Edition. Philadelphia, PA: WB Saunders Company 2002;628-632.
28. **Geva T**, Kreutzer J. Diagnostic pathways for evaluation of congenital heart disease. In: Crawford MH and DiMarco JP, Paulus WJ (Editors): *Cardiology*. 2nd Edition. London: Mosby International 2004;1239-1260.
29. **Geva T**, Sahn DJ, Powell, AJ. Magnetic resonance imaging of congenital heart disease in adults. In: *Progress in Pediatric Cardiology*. Clare, Ireland: Elsevier Science Co. 2003;17:21-39.
30. Kussman BD, **Geva T**, McGowan FX. Cardiovascular causes of airway compression. *Pediatric Anesthesia* 2004;14:60-74.
31. **Geva T**. Nomenclature and the segmental approach to congenital heart disease. In: Taeusch WH, Ballard RA and Gleason CA (Editors). *Avery's Diseases of the Newborn*. 8th Edition. Philadelphia PA: Elsevier Saunders 2004;779-789.
32. Gillam, L, **Geva T**, Gorscan J, Kaul S, Rakowski, H. Meeting highlights of the 14th annual scientific sessions of the American Society of Echocardiography. *J Am Coll Cardiol* 2003;42:2149-2155.
33. **Geva T**. MRI and functional imaging of the heart. In: Carty H, Brunelle F, Stringer DA, and Kao SCS (Editors): *Imaging Children*. 2nd Edition. Edinburgh, UK: Elsevier Science 2005;1235-1248.
34. **Geva T**. Diagnostic imaging: echocardiography and magnetic resonance imaging. In: Sellke F, Swanson S, and del Nido PJ (Editors). *Sabiston & Spencer's Surgery of the Chest*. 7th Edition. Philadelphia, PA: Elsevier Saunders 2005;1773-1808.
35. **Geva T**, Chung T, Powell AJ. Magnetic resonance imaging assessment of heart failure. In: Chang AC and Towbin JA (Editors): *Heart Failure in Children and Young Adults*. Philadelphia, PA: Saunders Elsevier (ISBN 0-7216-0692-X) 2006;155-181.
36. Burke AP, Tazelaar H, Patel CR, Virmani R, **Geva T**, Tornambene G, Radford, DJ. Benign tumors with myocyte differentiation. In: Travis WD, Brambilla E, Muller-hermelink HK, Harris CC. (Editors) *World Health Organization Classification of Tumors—Pathology and Genetics of Tumors of the Lung, Thymus and Heart*. IARC Press, Lyon, France (ISBN 92 832 2418 3). 2004;254-9.
37. Dulmet E, Burke AP, **Geva T**, et al. Benign tumors with myofibroblastic differentiation. In: Travis WD, Brambilla E, Muller-hermelink HK, Harris CC. (Editors) *World Health Organization Classification of Tumors—Pathology and Genetics of Tumors of the Lung, Thymus and Heart*. IARC Press, Lyon, France (ISBN 92 832 2418 3). 2004;268-70.
38. Ayres NA, Miller-Hance W, Fyfe DA, Stevenson JG, Sahn DJ, Pagatto-Young L, Minich LL, Kimball TR, **Geva T**, Smith FC, Rychik J. American Society of Echocardiography indications and guidelines for performance of transesophageal echocardiography in the patient with pediatric acquired or congenital heart disease. *J Am Soc Echocard* 2005;18:91-98.
39. Sanders SP, Colan SD, Donofrio MT, Ensing GJ, **Geva T**, Kimball TR, Sahn DJ, Silverman NH, Sklansky MS, Weinberg PM. Task Force 2: Pediatric training guidelines for noninvasive cardiac imaging. In: Beekman RH III, Graham TP, et al. *ACC/AHA/AAP recommendations for training in pediatric cardiology: a report of the American College of Cardiology/ American Heart Association/American College of Physicians task force on clinical competence (ACC/AHA/AAP Committee on Pediatric Cardiology)*. *J Am Coll Cardiol* 2005;46:1378-1403.
40. Allen HD, Bricker JT, Freed MD, Hurwitz RA, McQuinn TC, Schieken RM, Strong WB, Zahka KG, Sanders SP, Colan SD, Cordes TM, Donofrio MT, Ensing GJ, **Geva T**, Kimball TR, Sahn DJ, Silverman

- NH, Sklansky MS, Weinberg PM, Beekman RH III, Hellenbrand WE, Lloyd TR, Lock JE, Mullins CE, Rome JJ, Teitel DF, Vetter VL, Silka MJ, Van Hare GF, Walsh EP, Kulik T, Giglia TM, Kocis KC, Mahoney LT, Schwartz SM, Wernovsky G, Wessel DL, Murphy DJ Jr, Foster E, Benson DW Jr, Baldwin HS, Mahoney LT, McQuinn TC. ACCF/AHA/AAP recommendations for training in pediatric cardiology. *Pediatrics* 2005; 116: 1574-1596.
41. Task Force on Clinical Competence (ACCF/AHA/AAP writing committee to develop training recommendations for pediatric cardiology). ACCF/AHA/AAP recommendations for training in pediatric cardiology. *Circulation* 2005; 112: 2555-2580.
 42. **Geva T**, Powell AJ. Pediatric Heart Disease. In: Edelman RR, Hesselink JR, Zlatkin MB, Cruess JV (Editors): *Clinical Magnetic Resonance Imaging*. Philadelphia, PA: Elsevier Science 2006;1041-1069.
 43. Keane JF, **Geva T**, Fyler DC. Secundum atria septal defect, sinus venosus defect, and partially anomalous pulmonary venous connections. In: Keane JF, Lock JE, Fyler DC (Editors): *Nadas' Pediatric Cardiology 2nd Edition*. Philadelphia, PA: Saunders Elsevier 2006;603-616.
 44. **Geva T**, van der Velde ME. Imaging techniques: Echocardiography, MRI, CT. In: Keane JF, Lock JE, Fyler DC (Editors): *Nadas' Pediatric Cardiology 2nd Edition*. Philadelphia, PA: Saunders Elsevier 2006;183-212.
 45. Kramer, CM, Friedrich MG, Neubauer S, Stuber M, **Geva T**, Higgins CB, Manning WJ. Meeting highlights of the 8th annual scientific sessions of the Society for Cardiovascular Magnetic Resonance, January 21-23,2005. *J Am Coll Cardiol* 2005;46:411-416.
 46. Dorfman AL, **Geva T**. Magnetic resonance imaging evaluation of congenital heart disease: Conotruncal anomalies. *J Cardiovascular MR* 2006;8:645-659.
 47. **Geva T**. Magnetic resonance imaging: Historical perspective. *J Cardiovascular MR* 2006;8:573-580.
 48. **Geva T**, Marshall AC. MRI guided catheter interventions in congenital heart disease (Editorial). *Circulation* 2006;113:1051-1052.
 49. **Geva T**. Indications and timing of pulmonary valve replacement after tetralogy of Fallot repair. *Seminars in Thoracic and Cardiovascular Surgery: Pediatric Cardiac Surgery Annual* 2006;9:11-22.
 50. **Geva T**, Van Praagh S. Anomalies of the pulmonary veins. In: Allen HD, Driscoll DJ, Feltes T, Shaddy R (Editors), *Moss & Adams' Heart Disease in Infants, Children, and Adolescents, 7th Edition*. Philadelphia, PA: Lippincott Williams & Wilkins 2008;761-792.
 51. **Geva T**, Van Praagh S. Abnormal systemic venous connections. In: Allen HD, Driscoll DJ, Feltes T, Shaddy R (Editors), *Moss & Adams' Heart Disease in Infants, Children, and Adolescents, 7th Edition*. Philadelphia, PA: Lippincott Williams & Wilkins 2008;792-817.
 52. **Geva T**, Powell AJ. Magnetic resonance imaging. In: Allen HD, Driscoll DJ, Feltes T, Shaddy R (Editors), *Moss & Adams' Heart Disease in Infants, Children, and Adolescents, 7th Edition*. Philadelphia, PA: Lippincott Williams & Wilkins 2008;163-199.
 53. Dorfman AL, **Geva T**. Magnetic resonance imaging evaluation of complex congenital heart disease. In: Kwong RY (Editor), *Cardiovascular Magnetic Resonance Imaging*. Totowa, NJ: The Humana Press, Inc. (eISBN 978-1-59745-306-6) 2008;505-536.
 54. **Geva T**, Dorfman A, Powell AJ. Complex congenital heart disease—infant and pediatric patient. In: Manning WJ and Pennell DJ (Editors), *Cardiovascular Magnetic Resonance, 2nd Edition*. New York, NY: Churchill Livingstone (in press).
 55. Brown DW, **Geva T**. Totally anomalous pulmonary venous connections. In: Lang F (Editor), *Encyclopedia of Molecular Mechanisms of Disease*. Heidelberg, Germany: Springer (in press).
 56. Lai WW, **Geva T**, Shirali GS, Frommelt PC, Humes RA, Brook MM, Pignatelli RH, Rychik J. American Society of Echocardiography guidelines and standards for performance of a pediatric echocardiogram. *J Am Soc Echocard* 2006;19:1413-1430.
 57. **Geva T**. Congenital heart disease – Pediatrics. In: Manning WJ and Braunwald E (Editors), *Atlas of cardiovascular MRI*. Philadelphia, PA: Current Medicine LLC (in press).

58. **Geva T**, Bergersen LJ, Kreutzer J. Diagnostic pathways for evaluation of congenital heart disease. In: Crawford MH and DiMarco JP, Paulus WJ (Editors): *Cardiology*. 3rd Edition. Philadelphia, PA: Elsevier (in press).
59. Beroukhim R, **Geva T**. Simple Congenital Heart Disease. In: Hundley WG and Kramer CM (Editors), *Braunwald's Companion Atlas on Cardiac MR Imaging*. Philadelphia, PA: Elsevier (in press).

Clinical Communications and Letters to the Editor:

1. **Geva T**, Frand M. Marfan's syndrome in mitral valve disease (letter). *Arch Dis Child*. 1988; 63:684.
2. **Geva T**, Kleinert S. Congenital discrete subaortic stenosis (reply). *Am Heart J*. 1994; 127: 1665-1666.
3. **Geva T**, Vick GW III, Wendt RE, Rokey R. Diagnosis of heterotaxy syndrome (reply). *Circulation* 1995; 91: 907-908.
4. **Geva T**, Kaine SF, Mullins CE. Quantitative echocardiographic analysis of the aortic arch predicts outcome of balloon angioplasty of native coarctation of the aorta (reply). *Circulation* 1997;96:1058-1059.
1. **Geva T**. MRI emerges as valuable tool in diagnosing congenital heart disease. *Heart Murmurs*, Summer 1998. A publication for physician and nurses by the Cardiovascular Program at Children's Hospital.
2. Blume E, Chung T, Hoffer FA, **Geva T**. Anatomically corrected malposition of the great arteries {S,D,L}. (*Images in Cardiovascular Medicine*). *Circulation* 1998;97:1207.
3. **Geva T**, Colan SD, Powell AJ, Chung T, Crawford EC. Evaluation of regional differences in right ventricular systolic function by acoustic quantification echocardiography and cine MRI (reply). *Circulation* 1999;99:725.
4. **Geva T**, Blume ED. Evolution of risk factors influencing early mortality of the arterial switch operation. (Reply) *J Am Coll Cardiol* 2000.
5. Moniotte S, **Geva T**, Perez-Atayde A, Fulton DR, Pigula FA, Powell AJ. Cardiac hemangioma (*Images in Cardiovascular Medicine*). *Circulation* 2005;112:e103-e104.
6. Lipton G, Nagler J, **Geva T**. Coarctation of the aorta. *J of Pediatrics* 2008 (in press).

Educational Material:

1. **Geva T**, Lavee J, Smolinsky A, Kalter J, Goor DA. *Cardiac surgery: An educational handbook for medical students*. Department of Cardiac Surgery, The Chaim Sheba Medical Center and Sackler School of Medicine, Tel-Aviv University, 1981.
2. **Geva T**. Annotated bibliography of pediatric cardiology. Published by the American Academy of Pediatrics, Section on Cardiology, 1994.
3. **Geva T**. *Cardiac Abnormalities*. In: Woolf AD, Shane HC, Kenna MA, (editors), *The Children's Hospital Guide to Your Child's Health and Development*. Perseus Publishing, Cambridge, MA, 2001.

Nonprint Material:

1. **Geva T**. Diagnostic Procedures: CT and MRI. In: *Pediatric and Adult Congenital Cardiology Assessment Program (PACCSAP) CD ROM*. American College of Cardiology, 1998.
2. **Geva T**. The future of pediatric cardiology: will cardiac MRI replace diagnostic cardiac catheterization? *Am College of Cardiology ACCEL audiotape series* 1998;30:8.
3. Dorfman A, Powell AJ, **Geva T**. Complex congenital heart disease. In: Hundley GW (Editor) *Cardiovascular Magnetic Resonance Self Assessment Program (CMR-SAP)*. Am College of Cardiology 2005.
4. **Geva T**. Avoiding mistakes in adult congenital cardiology care: ensuring the best evaluation and follow-up testing. *Am College of Cardiology ACCEL: An International Audio Journal of Contemporary Cardiovascular Medicine and Surgery*. 2005;37:7.

Abstracts (last 3 years):

78. Wald RM, Haber I, Wald R, Valente AM, Powell AJ, **Geva T**. The effect of regional dysfunction on global right ventricular systolic function in patients with repaired tetralogy of Fallot. *J Cardiovasc MR* 2006;1:27.
79. Valente AM, Sena L, Powell AJ, del Nido P, **Geva T**. Cardiac magnetic resonance imaging evaluation of sinus venosus defects: comparison to surgical findings. *J Cardiovasc MR* 2006;1:29.
80. Dorfman AL, Powell AJ, Odegrad KC, Laussen PC, **Geva T**. Incidence of adverse events during cardiac magnetic resonance imaging in congenital heart disease. *J Cardiovasc MR* 2006;1:99.
81. Tang D, Yang C, Haber I, **Geva T**, del Nido PJ. Image-based RV/LV combination structure-only and FSI models for mechanical analysis of human right ventricle remodeling surgery design. 5th World Congress of Biomechanics, Munich, Germany 2006.
82. Samyn MM, Garg R, Powell AJ, Sena L, **Geva T**. Range of biventricular dimensions and function evaluated by steady state free precession cine magnetic resonance in patients with repaired tetralogy of Fallot. International Society of magnetic Resonance in Medicine (ISMRM) 14th Scientific Meeting, May 6- 12th Seattle, WA. ISMRM 2006 Proceedings p. 330.
83. Brown DW, Lang P, Colan SD, del Nido PJ, Odegard KC, Gauvreau K, Powell AJ, **Geva T**. Randomized clinical trial comparing cardiac MRI with routine cardiac catheterization prior to superior cavopulmonary anastomosis. *Circulation* 2006;114:II-450.
84. Meadows JJ, **Geva T**, Powell AJ, Dorfman A, Rhodes J. Cardiac MRI correlates of exercise function in patients with repaired tetralogy of Fallot. *Circulation* 2006;114:II-638.
85. Hoch M, Soriano B, Kussman B, Powell AJ, **Geva T**, Marx GR. Assessment of right ventricular volumes, mass, and ejection fraction by matrix array three-dimensional echocardiography in pediatric patients with congenital heart disease: comparison with magnetic resonance imaging. *Circulation* 2006;114:II-639.
86. Soriano B, Hoch M, Ithuraldo A, Tworetzky W, Kussman B, **Geva T**, Powell AJ, Gauvreau K, Marx GR. Comparison of matrix array 3-dimensional echocardiography and MRI for ventricular volumes, mass, and ejection fraction in pediatric patients with single ventricle physiology. *Circulation* 2006;114:II-726.
87. Strigl S, Beroukhim R, Sena L, **Geva T**, Powell AJ. Feasibility and safety of dobutamine stress cardiovascular magnetic resonance imaging in children. *J Cardiovascular MR* 2007;9:388.
88. Hoch M, Soriano B, **Geva T**, Netz H, Marx GR. Feasibility and MRI comparison of right ventricular volume assessment by matrix array three-dimensional echocardiography in combination with semiautomatic endocardial border detection. *J Am Coll Cardiol* 2007;49:170A.
89. Lai WW, Rivera ES, Saleeb S, Gauvreau K, Powell AJ, **Geva T**. Accuracy of right ventricular size assessment: echocardiography versus magnetic resonance imaging. *J Am Coll Cardiol* 2007;49:267A.
90. Wald RM, Haber I, Wald R, Valente AM, Powell AJ, **Geva T**. Effects of regional dysfunction on global right ventricular systolic dysfunction and clinical status in patients with repaired tetralogy of Fallot. *Circulation* 2007;116:II-511.
91. Harrild DM, **Geva T**, Pigula F, Cecchin F, Berul CI, Gauvreau K, Walsh EP. Pulmonary valve replacement in tetralogy of Fallot: impact on survival and freedom from ventricular tachycardia. *Circulation* 2007;116:II-701.
92. Lai WW, Powell AJ, **Geva T**. The extent of tricuspid valve septal displacement adversely affects right ventricular function in Ebstein anomaly: a cardiac MRI study. *J Cardiovasc MR* 2008.
93. Benavidez OJ, Gauvreau K., **Geva T**. Development of a novel diagnostic error taxonomy for pediatric echocardiography. *J Am Coll Cardio* 2008;51:A237.