

CURRICULUM VITAE

Richard A. Barth, M.D.

- Address: Work: Stanford University School of Medicine
 Lucile Packard Children's Hospital
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- Telephone: (W) (650) 725-2548
- Current Position: Radiologist-in-Chief
 Lucile Packard Children's Hospital at Stanford
 Professor and Associate Chair of Radiology
 Department of Radiology
 Stanford University School of Medicine
 Stanford, CA 94305-5105
 January 2003-Present
- Academic Appointments: Professor of Radiology
 Associate Chairman of Radiology
 Department of Radiology
 Stanford School of Medicine
 Stanford, CA 94305-5105
 March 1999 to present
- Associate Professor of Radiology
 Associate Clinical Chairman
 Department of Radiology
 Stanford School of Medicine
 Stanford, CA 94305-5105
 October 1992 to February 1999
- Acting Chairman, August through December 2000
 Acting Chairman, June through August, 1995
 Associate Professor of Radiology
 University of Vermont College of Medicine
 Burlington, VT 05401
 1987-1992
- Assistant Professor of Radiology
 University of Vermont College of Medicine
 Burlington, VT 05401
 1981-1987
- Director, Pediatric Radiology and Section of Body Imaging
 University of Vermont College of Medicine and the

Medical Center Hospital of Vermont, Burlington, VT
1981-1992

Visiting Associate Professor of Radiology, In-Residence,
University of California, San Francisco, 1989

Fellowship: Children's Hospital Medical Center, Boston, MA
(Pediatric Radiology), 1980-1981

Residency: University of California, San Francisco, CA
(Diagnostic Radiology), 1977-1980

Cedars-Sinai Medical Center, Los Angeles, CA
(Internal Medicine), 1976-1977

Internship: Cedars-Sinai Medical Center, Los Angeles, CA
(Internal Medicine), 1975-1976

Education: University of Health Sciences, The Chicago Medical
School, Chicago, IL, M.D., 1975

Case Western Reserve University, Cleveland, OH,
B.A., 1971

Honors: Inducted into the Caffey Society, 2016

American College of Radiology Fellow (FACR) , May 17, 2015

American Academy of Pediatrics Fellow (FAAP), 2015

Listed in Best Doctors Best Doctor, Inc, 2011-12

Presidential Recognition Award from the Society for Pediatric
Radiology, April 16, 2010

Ranked #8 among the 25 Most Influential people, that shaped
radiology by RT Image magazine, 2010

Outstanding Alumni Award, University of California, San
Francisco School of Medicine Department of Radiology and
Biomedical Imaging, 2009

Caffey Award for Outstanding Scientific Presentation at the
Society for Pediatric Radiology Annual Meeting:
Vasanawala S, Alley MT, **Barth RA**, Hargreaves BA, Pauly JM,
Lustig M. Faster pediatric MRI via compressed sensing.
Annual Meeting of the Society of Pediatric Radiology,
Carlsbad, CA, April 23, 2009

Top Docs, San Jose Magazine, 2006, 2007

Department of Obstetrics and Gynecology Teaching Award
for Outstanding Faculty Professor, Stanford University, 2003-
2004

Alpha Omega Alpha Medical Fraternity, University of Health
Sciences, The Chicago Medical School, Chicago, IL, 1975

Membership:

American College of Radiology
American Institute for Ultrasound in Medicine
Society for Pediatric Radiology
Radiological Society of North America
American Roentgen Ray Society

Licensure:

National Board of Medical Examiners, 1976
State of California, 1976
State of Massachusetts (limited), 1980
State of Vermont, 1981

Board Status:

Eligible: Internal Medicine, 1978
Certified: American Board of Radiology, 1980

Certification of Added Qualification in Pediatric Radiology,
American Board of Radiology,
February, 1995, renewed 2005.

Committees and Administrative Responsibilities

Lucile Packard Children's Hospital

Radiologist-in-Chief – LPCH – 2003-Present
Strategic Roadmap (Vision 2025) – 2016
Packard 2.0 Operations & Transition Planning Committee –
2015-Present
Child Health Research Institute at Stanford (CHRI), 2015
LPCH Medical Directors Leadership Group, 2002- Present
LPCH Care Improvement Committee, 2002-Present
LPCH Medical Staff Board, 2002-Present
LPCH Quality Management Committee, 2002-Present
Faculty Practice Organization Committee Leadership
Group, 2002-Present
Chair, LPCH Phase 2 Radiology Planning Committee -
2010-Present
Committee for new Hospital, 2011-Present
LPCH MRI/Steering Committee-
Medical Director-2010-Present
LPCH Center for Fetal and Maternal Health Executive

Committee, 2010-Present
Chair, Dept of Radiology Professional Practice Evaluation
Committee, 2002-Present
Packard 2.0-Growing Together-Operations & Trans Planning
Committee, 2015-2016
LPCH Information Technology Strategic
Team, 2011-2014
LPCH FPO Finance Committee, 2010-2014
Chair, LPCH FPO Finance/Billing Committee, 2008-2010
Lucile Packard Children's Hospital Executive Committee (PPEC),
2002-2010

Stanford University, Department of Radiology

Dept. of Radiology, Section Chiefs/ Associate Chair
Leadership Group Committee – 1992-Present
Radiology Alumni Committee – 2016
Reviewer for Philips/Stanford Research Collaboration – 2016
Chair, Search Committee for Clinical Operations Medical
Director – LPCH - 2016
Clinical Coverage Efficiency Committee – 2015
Stanford-GE Blue Sky Committee, 2012-2015
Dept. of Radiology Executive Committee, Leadership
Group, 1992-2014
Compensation Committee – 2011-2014
Angel Funding Committee – 2012-2014
Radiology Search Committee for Pediatric Radiology
Scientist – 2013
Radiology Search Committee for Vice Chair of Quality
Assurance – 2012
Faculty Ad Hoc Evaluation Committee, Dept. of
Radiology, 1998-2010 & 2012
Chair, Performance Standards Committee, Dept. of
Radiology, 1994-2002
Chair, Radiology Image Management Workgroup,
1994-2000
Chair – Dept. of Radiology Destination Digital
Committee, 1998-2000
Chair - Clinical Staffing Committee, Dept. of
Radiology, 1992-1995

Stanford University

Child Health Research Institute (CHRI) Member - 2015
Stanford University SOM Search Committee – Surgeon-in-
Chief of Pediatric Surgery, 2015
School of Medicine Information Technology Taskforce,
2013 - 2014

Medical School Faculty Senate, Stanford University
1998-2000
Stanford University Faculty Practice Group (SFPG)
Workforce Committee. 1998

Stanford Hospital

Medical Center IT Org Task Force, 2002
UCSF/Stanford Health Care (USHC) - RVU and
Productivity Team, 1997-2000
UCSF/Stanford Health Care (USHC) - Contracting
Committee, 1997-2000
UCSF/Stanford Health Care (USHC) – Capital Budget
Committee, 1997-2000
Stanford Hospital, Capital Budget Committee, 1992-2000
Quality Assurance Committee, 1992-2002
Stanford Hospital University Consortium Hospital
Task Force, 1998
Stanford EMR Implementation Committee, 1996-1998

University of Vermont

Director, Pediatric Radiology and Section of Body
Imaging,
University of Vermont, 1981-1992
Director, Radiology Body Imaging Fellowship Program,
University of Vermont, 1982-1992.
Radiology Quality Assurance Committee,
University Vermont, 1981-1992
Body Imaging Postgraduate Course, Co-Director,
University of Vermont, 1988-1992.

Society Boards or Committees

American College of Radiology

ACR – Co-Chair of Pediatric Advocacy Committee, 2016
ACR – Economics Committee on Medicaid, 2013-2015
ACR – Medicaid Network, 2013-Present
ACR – Commission on pediatric Radiology, 2012-2013
ACR – Commission on Government Relations, 2012-2016
ACR – Committee on Pediatric Economics-Co-Chair,
2017-2018
ACR – Committee on Pediatric Economics, 2012-2016
ACR – Committee on Government Relations-Pediatric,
Co-Chair, 2012-2017
ACR Commission on Economics, 2014-2018
ACR Commission on Pediatric Imaging, 2012-2015
American College of Radiology – Collaborative
Committee-ACR-SPR Practice Guidelines – 2014

ACR – Committee on Economics-Pediatric, 2010-2012
ACR/SPR advocacy leader for pediatric radiology visits to
the Hill to educate Congress on Pediatric Radiology
Issues, May 20, 2015

Society for Pediatric Radiology

Chairman, Board of Directors 2014-2015
Chair, Strategic Planning Task Force - 2015
Bylaws Committee, 2015-2016
Honors Committee, 2015-2017
Judiciary Committee, 2015-2017
Chairman, Nominating Committee, 2014-2015
President, 2013-2014
Vice Chairman, Research & Education Foundation
Board, 2013-2015
Chairman, Meeting Curriculum Committee, 2013-2014
Chairman, Abstract Review Committee-Papers, 2013-2014
Public Policy Committee, 2011-2014
Finance Committee, 2008-2016
Fellowship Program Directors, 2008-2014
President Elect, 2012-2013
Abstract Review Committee-Papers, 2010-2013
Curriculum-Resources Task Force, 2011-2012
1st Vice President, Board of Directors, 2011-2012
Chairman, Practice Management Committee, 2009-2012
2nd Vice President, Board of Directors, 2010-2011
Treasurer, 2007-2010
Research & Education Board of Directors, 2007-2010
Chairman, Finance Committee, 2004-2008
Treasurer Elect, 2006-2007
Board of Directors, 2006-2007

Other

Academy of Radiology Research Board – 2015-2017
World Federation of Pediatric Imaging, Treasurer Elect -
2016-2017
American Board of Radiology Pediatric CAQ Committee,
2011-2016
Society of Chairperson's of Radiology in Children's
Hospitals (SCORCH), Executive Board, 2011-2014
GE Medical Advisory Board - 2011
Radiological Society of North America, Board of Directors
Pediatrics Subcommittee of the Education Exhibits
Committee, 2006-2009
Society of Chairperson's of Radiology in Children's
Hospitals (SCORCH), President, 2010 & 2011

Journal Reviewer:

1. Pediatrics

2. Journal of Trauma
3. Thoracic Imaging
4. Pediatric Radiology

Book Reviewer: Journal of Ultrasound in Medicine

Patient Care Activities
Clinical Responsibilities Lucile Salter Packard Children's Hospital
Pediatric Radiology
Obstetrical Ultrasound-Johnson Perinatal Diagnostic
Center
Stanford Pediatric Emergency Department

Major Teaching Activities:

Medical Students:

1. RAD301A – Diagnostic Radiology Clerkship (SUMC) – 2 hours lecture per clerkship
2. RAD304A – Pediatric Radiology Clerkship (LPCH) – 4 weeks (10 hours didactic teaching per clerkship)
3. Stanford Emergence in Medicine Series (SIMS Mentor) – Each quarter one undergraduate student spends approximately 6-8 half day sessions with myself to introduce students to clinical medicine. Students mentored in 2013-14: Anna Cai, Danielle Lussier, Gabriel Washington Students mentored for 2014-15: Samar Naamo, Abraham Starosta, Alex Li. Students mentored for 2015-16: Karina Robinson and Jade Verdeflor.

Residents

1. Lecturer in the Pediatric Radiology core curriculum series on general pediatric radiology and fetal imaging topics

Fellows:

1. Lecturer in the Fellowship core curriculum
2. Interesting Case Conference (weekly)

Clinical Teaching Conferences

1. Perinatal Conference (weekly)
2. Pediatric Radiology Surgery Conference (weekly)
3. Center for Maternal Fetal Health (weekly)
4. Perinatal conference (weekly)
5. Pediatric Radiology Surgery Conference (weekly)
6. Urology-radiology Conference (monthly)

BIBLIOGRAPHY

PUBLISHED

1. Weinreb RN, **Barth RA**, Kimura SJ. Limited Gallium Scans and Angiotensin Converting Enzyme in Granulomatous Uveitis. Ophthalmology 1980 Mar;87: 202-206.

2. **Barth RA**, Brasch RC, Filly. Abdominal Pseudotumor: Abdominal Pseudotumor in Childhood: Distended Gallbladder with Parenteral Hyperalimentation. *AJR* 1981; 136: 341-343.
3. **Barth RA**, Jeffrey RB, Moss AA, Liberman MS. A Comparison Study of Computed Tomography and Laparoscopy in the Staging of Abdominal Neoplasms. *Digestive Diseases and Sciences* 1981 Mar; 26(3): 253-256.
4. Weinreb RN, Yavitz EQ, O'Connor GR, **Barth RA**. Lacrimal Gland Uptake of Gallium Citrate Ga 67. *Am J Ophthalmol* 1981 Jul; 92(1): 16-20.
5. Meyers CF, Ershler WB, Tannenbaum MA, **Barth RA**. Tamoxifen and Carcinoid Tumor. *Annals of Internal Medicine* 1982; 96: 383.
6. Horter LP, Gross BH, Collen PW, **Barth RA**. Ultrasonic Evaluation of Abdominal Aortic Thrombus. *J Ultrasound Med* 1982 Oct; 1: 315-318.
7. **Barth RA**, Teele RL, Colodny A, Retik A, Bauer S. Asymptomatic Scrotal Masses in Children. *Radiology* 1984 Jul; 152(1): 65-68.
8. Ashmead GG, **Barth RA**. A Pocket Computer Program for Obstetric Ultrasound Calculations. *Amer J Perinatol* 1986 Jan; 3(1): 69-7.
9. Montgomery S, Guillot AP, **Barth RA**, MRI of Disseminated Neonatal Hemangiomas. *Pediatr Radiol* 1990; 20(3): 204-205.
10. **Barth RA**, Filly RA, Sondheimer FK. Prenatal Sonographic Findings in Bladder Exstrophy. *J Ultrasound Med* 1990 Jun 9(6): 359-361.
11. **Barth RA**, Filly RA, Goldberg JD, Moore P, Silverman NH. Conjoined Twins: Prenatal Diagnosis and Assessment of Associated Malformations. *Radiology* 1990 Oct; 177(1): 201-207.
12. Soll RF, Horbar JD, Griscom NT, **Barth RA**, Lucey JF, Taeusch HW. Radiographic Findings Associated with Surfactant Treatment. *Amer J Perinatol* 1991 Mar; 8(2): 114-118.
13. Difazio F, **Barth RA**, Frymoyer J. Acute Lumbar Paraspinal Compartment Syndrome. *J Bone Joint Surg Am.* 1991 Aug; 73(7): 1101-1103.
14. Chertoff J, Dickerman JD, **Barth RA**. Rebound Thymic Hyperplasia Five Years After Chemotherapy for Wilms' Tumor. *Pediatr Radiol* 1991; 21(8): 596-597.
15. **Barth RA**, Guillot AP, Capeless EL, Clemons JJW. Prenatal Diagnosis of Autosomal Recessive Polycystic Kidney Disease: Variable Outcome Within One Family. *Am J Obstet Gynecol.* 1992 Feb; 166(2): 560-561.
16. Bernstein IM, **Barth RA**, Miller R, Capeless EL. Elevated Maternal Serum Alpha-fetoprotein: Association with Placental Sonolucencies, Fetal-Maternal

- Hemorrhage, Vaginal Bleeding, and Pregnancy Outcome in the Absence of Fetal Anomalies. *Obstet Gynecol* 1992 Jan; 79(1): 71-74.
17. Harris RD, **Barth RA**. Sonography of the Gravid Uterus and Placenta: Current Concepts. *AJR* 1993 Mar; 160(3): 455-465.
 18. Dimaio MS, **Barth RA**, Koprivnikar KE, Sussman BL, Copel JA, Mahoney MJ, Byers PH, Cohn DH. First-Trimester Prenatal Diagnosis of Osteogenesis Imperfecta Type II by DNA Analysis and Sonography. *Prenatal Diagnosis Vol. 13*: 589-596, 1993.
 19. May DA, **Barth RA**, Yeager S, Nussbaum-Blask A, Bulas DI. Perinatal and Postnatal Chest Sonography. *Radiol Clin North Am* 1993 May; 31(3): 499-516.
 20. Dickey KW, **Barth RA**, Olin J, Stewart J. Recurrent Transient Gallbladder Wall Thickening Associated with Interleukin-2 Chemotherapy. *J Clin Ultrasound* 1993 Jan; 21(1): 58-61.
 21. **Barth, RA**. Fibromuscular Dysplasia with Clotted Renal Artery Aneurysm. *Pediatr Radiol*. 1993; 23(4): 296-297.
 22. Babcock CJ, Goldstein RB, **Barth RA**, Damato NM, Callen PW, Filly RA. Prevalence of Ventriculomegaly in Association with Myelomeningocele: Correlation with Gestational Age and Severity of Posterior Fossa Deformity. *Radiology* 1994 Mar; 190(3): 703-707.
 23. **Barth RA**. Time is Money. *Admin Radiol* 1994 Nov; 13(11): 43-45.
 24. Mindell HJ, Mastromatteo J, Dickey K, Sturtevant NV, Shuman WP, **Barth RA**, Oliver C, Leister K. Flow Patterns In The Retroperitoneal Spaces: Evolution By CT -- Guided Contrast Media Injections In Cadavers. *AJR* 1995 May; 164(5): 1173-1178.
 25. Harris RD, **Barth RA**. Sonography of the Gravid Uterus. *Ultrasound International* 1995; 1: 165-177.
 26. Noh HM, Jeffrey RB, **Barth RA**. Initial Clinical Experience With a Dedicated Ultrasound PACS: Time Efficiency and Cost Effective Analysis of Selective Filming. *Ultrasound International* 1995; 1: 217-218.
 27. Clautice-Engle T, Jeffrey RB, Li KCP, **Barth RA**. Power Doppler Imaging of Focal Lesions of The Gastrointestinal Tract: Comparison With Conventional Color Doppler Imaging. *J Ultrasound Med* 1996 Jan; 15(1): 63-66.
 28. Skarsgard ED, **Barth RA**. Use of Doppler Sonography In The Evaluation of Liver Blood Flow During Silo Reduction of a Giant Omphalocele. *J Pediatr Surg* 1997 May; 32(5): 733-735.
 29. **Barth RA**, Shortliffe LD. Normal Pediatric Testis: Comparison of Power Doppler and Color Doppler US in the Detection of Blood Flow. *Radiology* 1997 Aug; 204(2): 389-393.

30. Vandevenne J, Lang P, **Barth RA**, Dolph J, Bergman AG. Radiation dose reduction using selenium detectors in direct digital radiography of the appendicular skeleton. Abstract in Supplement 1 to Vol. 9, European Radiology, p. S 151, 1999
31. Zhou Q, Cardoza JD, **Barth RA**. Prenatal Sonography of Congenital Renal Malformations. AJR 1999 Nov; 173: 1371-1376.
32. Teele RL, **Barth RA**, Estroff J. Perinatal Radiology. *Pediatr Radiol* 2000 Jan; 30(1): 1-2.
33. Lin RJ, **Barth RA**, Curry CJ, Hoyme HE. The Utility of Magnetic Resonance Imaging as a Diagnostic Tool in the Prenatal Diagnosis of Congenital Anomalies. *Am J Hum Genet* 2001; 69 (suppl): 660.
34. Chen KM, Bird L, Barnes P, **Barth RA**, Hudgins L. Lateral Meningocele Syndrome: Vertical Transmission and expansion of the phenotype. *Amer J Med Genet A*. 2005 Mar 1; 133A(2): 115-121.
35. **Barth RA**. Scrotal Neoplasms. In: Reid, J, Ed. Pediatric radiology curriculum [Internet]. Cleveland, OH: Cleveland Clinic Center for Online Medical Education and Training; November, 2005. Available from: <https://www.cchs.net/pediatricradiology>
36. Goldberg S, Ringertz H, **Barth RA**. Prenatal Diagnosis of Horseshoe Lung and Esophageal Atresia: A Case Report. *Pediatr Radiol*. 2006 Sep; 36(9): 983-6.
37. **Barth RA**, Rubesova E. Magnetic Resonance Imaging of Non-Central Nervous System Fetal Anomalies Involving the Neck, Chest, and Abdomen. *NeoReviews* 2007; 8; e313-e335. Available online: <http://neoreviews.aappublications.org/cgi/content/full/neoreviews;8/8/e313>
38. Dwyer BK, Belogolovkin V, Tran L, Rao A, Carroll I, **Barth RA**, Chitkara U. Prenatal diagnosis of placenta accreta: sonography or magnetic resonance imaging? *J Ultrasound Med*. 2008 Sep; 27(9): 1275-81.
39. Gerber RE, Kamaya A, Miller SS, Cronin DM, Dwyer B, Chueh J, Conner KE, **Barth RA**. Fetus in Fetu: 11 Fetoid Forms in a Single Fetus. Review of the literature and imaging. *J Ultrasound Med* 2008 Sep; 27(9): 1381-1387.
40. Rubesova E, Vance CJ, Ringertz HG, **Barth RA**. Three-dimension MRI Volumetric Measurements of the Normal Fetal Colon. *AJR* 2009 May; 192(3): 761-765
41. Gilbertson-Dahdal DG, Dutta S, Varich LJ, **Barth RA**. Neonatal Malrotation with Midgut Volvulus Mimicking Duodenal Atresia. *AJR* 2009 May; 192(5): 1269-71
42. Vasanawala SS, Kennedy W, Ganguly A, Fahrig R, Rieke V, Daniel B, **Barth R**. MR voiding cystography for evaluation of vesicoureteral reflux. *AJR* 2009 May; 192(5): W206-211.

43. Ramarajan N, Krishnamoorthi R, **Barth R**, Ghanouni P, Mueller C, Dannenburg B, Wang NE. An interdisciplinary initiative to reduce radiation exposure: Evaluation of appendicitis in a pediatric emergency department with clinical assessment supported by a staged ultrasound and computed tomography pathway. *Acad Emerg Med*. 2009 Nov; 16(11): 1258-65
44. Deshmukh S, Rubesova E, **Barth RA**. MR Assessment of Normal Fetal Lung Volumes – A literature Review. *AJR* 2010 Feb; 194(2); W212-17
45. Gholami S, Sarwal, MM, Naesens M, Ringertz HG, **Barth RA**, Balise, RR, Salvatierra, O. Standardizing resistive indices in healthy pediatric transplant recipients of adult-sized kidneys. *Pediatr Transplant*. 2010 Feb; 14(1):126-31
46. Colombani M, Ferry M, Toga C, Lacroze V, Rubesova E, **Barth RA**, Cassart M, Gorincour G. MRI in the prenatal diagnosis of congenital diarrhea. *Ultrasound Obstet Gynecol* 2010 May; 35(5): 560-565.
47. Vasanawala SS, Alley MT, Hargreaves BA, **Barth RA**, Lustig M. Improved Pediatric MRI via Compressed Sensing. *Radiology* August 2010; 256(2): 607-616
48. Blumenfeld YJ, Wong AE, Jafari A, **Barth RA**, El-Sayed YY. MR Imaging in Cases of Antenatal Suspected Appendicitis – A Meta-Analysis. *J Matern Fetal Neonatal Med*. 2011 Mar; 24(3):485-8
49. Krishnamoorthi R, Ramarajan N, Wang NE, Newman B, Rubesova E, Mueller C, **Barth RA**. Effectiveness of a Staged Ultrasound & Computed Tomography Protocol for the Diagnosis of Pediatric Appendicitis: Reducing Radiation Exposure in the Age of ALARA. *Radiology*. 2011 Apr; 259 (1); 231-39
50. Colombani M, Rubesova E, Potier A, Quarello E, **Barth RA**, Devred P, Petit P, Gorincour G. Management of fetal mediastinal shift: A practical approach. *J Radiol*. 2011 Feb;92(2):118-24
51. **Barth RA**. Imaging of Fetal Chest Masses. *Pediatr Radiol*. 2012 Jan;42 Suppl 1:S62-73
52. Sun HY, Boe J, Rubesova E, **Barth RA**, Tacy TA. Fetal MRI correlates with postnatal CT angiogram assessment of pulmonary anatomy in tetralogy of fallot with absent pulmonary valve. *Congenit Heart Dis* 2013 May 22 [Epub ahead of print]
53. McNally L, Chueh J, **Barth RA**, Osmundson S. Urachal Duct Carcinoma Complicating Pregnancy. *Obstet Gynecol*. 2013; 122(2 Pt 2): 469-72
54. Blumenfeld YJ, Davis A, Milan K, Chueh J, Hudgins L, **Barth RA**, Hintz SR. Conservatively managed fetal goiter – An alternative to in-utero therapy. *Fetal Diagn Ther*. 2013; 34(3): 184-7

55. Brookfield KF, Osmundson SS, Chetty S, Chueh J, , Blumenfeld Y, **Barth RA**. Isolated umbilical vein varix with poor outcome despite close fetal surveillance. *J Ultrasound Med*. 2013 Sep; 32(9): 1680-2
56. Zhang T, Chowdhury S, Lustig M, **Barth RA**, Alley MT, Grafendorfer T, Calderon P, Robb F, Pauly J, Vasanaawala SS. Clinical Performance of Contrast-enhanced Abdominal Pediatric MRI with Fast Combined Parallel Imaging Compressed Sensing Reconstruction. *J Magn Reson Imaging*. 2014 Jul; 40(1):13-25
57. Newman B, Schmitz M, Gawande R, Vasanaawala S, **Barth RA**. Perforated appendicitis: an underappreciated mimic of intussusception on ultrasound. *Pediatr Radiol*. 2014 May;44(5):535-41
58. Ramarajan N, Krishnamoorthi R, Gharahbaghian L, Pirrotta E, **Barth RA**, Wang NE. Clinical Correlation Needed: What do Emergency Physicians do after an Equivocal Ultrasound for Pediatric Acute Appendicitis? *J Clin Ultrasound* 2014 Sep;42(7):385-94
59. Rubesova E, **Barth RA**. Advances in Fetal Imaging. *Am J Perinatol* 2014 Aug; 31(7):567-76
60. Zhang T, Cheng JY, Potnick AG, **Barth RA**, Alley MT, Uecker M, Lustig M, Pauly JM, Vasanaawala SS. Fast pediatric 3D free-breathing abdominal dynamic contrast enhanced MRI with high spatiotemporal resolution. *J Magn Reson Imaging*. 2015 Feb;41(2):460-73
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62. Zucker EJ, Newman B, Larson DB, **Barth RA**. Added value of radiologist consultation for pediatric ultrasound: implementation and survey assessment. *AJR Am J Roentgenol*. 2015 Oct;205(4):822-6.
63. Blumenfeld YJ, Davis AS, Epi MS, Hintz SR, **Barth RA**, et al. Prenatally Diagnosed Cases of Binder Phenotype Complicated by Respiratory Distress in the Immediate Postnatal Period. *J Ultrasound in Medicine*. In press [accepted for publication].
64. Fuerch JH, Yamada NK, Kobayashi DP, Hartman GE, Blumenfeld YJ, **Barth RA**, Hintz SR, and Chock VY. The Role of a Fetal Center in Preparing for a Conjoined Twin Delivery. *NeoReviews*, Nov 2015, Vol 16/Issue 11.
65. Flanagan SM, Rubesova E, Jaramillo D, **Barth RA**. Fetal suprarenal masses – assessing the complementary role of magnetic resonance and ultrasound for diagnosis. *Pediatr Radiol*. 2016 Feb;46(2): 246-54.

66. Blumenfeld YJ, Davis AS, Hintz SR, Milan K, Messner AH, **Barth RA**, et al. Prenatally diagnosed cases of Binder phenotype complicated by respiratory distress in the immediate postnatal period. *J Ultrasound Med.* 2016 June; 35 (6): 1353-1358.
67. Girsen AI, Hintz SR, Sammour R, Naqvi A, El-Sayed YY, Sherwin K, Davis AS, Chock VY, **Barth RA**, Rubesova E, et al. Prediction of neonatal respiratory distress in pregnancies complicated by fetal lung masses. *Prenat Diagn.* 2017 Mar;37(3):266-272.
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69. Zucker EJ, **Barth RA**. Impact of California Computed Tomography Dose Legislation: Survey of Radiologists. *J Med Imaging and Radiation Sciences*, Jun 2017; Vol 48, Issue 2, pages 144-150
70. **Barth RA**. ISUOG Guidelines for Fetal MRI - A response to 3T fetal imaging and limited fetal exams. *Ultrasound in Obstetrics & Gynecology*, December 2017
71. Platt LD, **Barth RA**, Pugash D. Current controversies in Prenatal Diagnosis 3: Fetal MRI should be performed in all prenatally detected fetuses with a major structural abnormality. *Prenat Diagn.* 2018 Jan 30
72. Sherwin K, Girsen AI, Halabi SS, Spiegel AM, Lee CJ, Hintz SR, El-Sayed YY, **Barth RA**, Blumenfeld YJ. Imaging before 24 weeks gestation can predict neonatal respiratory morbidity in pregnancies complicated by fetal lung masses. *Mosby-Elsevier* 2018: S287-S288
73. Brookfield KF, Osmundson SS, Chetty S, Chueh J, Blumenfeld YJ, **Barth RA**, El-Sayed YY. Isolated umbilical vein varix with a poor outcome despite close fetal surveillance. *J Ultrasound in Med* 2013; 32(9): 1680-1682
74. Katz JA, Chock VY, Davis AS, Blumenfeld YJ, Hahn JS, Barnes P, **Barth RA**, Rubesova E, Hintz SR. Utility of prenatal MRI in the evaluation and management of fetal ventriculomegaly. *J Pediatr.* (2018) 38:1444-1452
75. Narayan RR, Abadilla N, Greenberg DR, Sylvester KG, Hintz SR, **Barth RA**, Bruzoni M. Predicting Pathology From Imaging in Children Undergoing Resection of Congenital Lung Lesions. *J Surg Res.* 2019 Apr;236:68-73. doi: 10.1016/j.jss.2018.10.042. Epub 2018 Dec 7.
76. Elmfors AF, Sandgren T, Ford K, Rosenberg J, Ringertz H, **Barth RA**, Rubesova E. Normal values of the resistivity index of the pericallosal artery with and without compression of the anterior fontanelle. *Pediatr Radiol.* 2019 May;49(5):646-651. doi: 10.1007/s00247-019-04347-y. Epub 2019 Feb 2.

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78. Velasquez M, **Barth RA**, et al. The Learning Curve of Contrast-Enhanced “Microbubble” Urosonography – A Validation Study. Journal of Pediatric Urology. Publish pending -Apr 2019 jpurol 3134/s1477-5131 (19) 30087-7
79. Sellers Z, Lee L, **Barth RA**, Milla C. New Algorithm for the Integration of Ultrasound into Cystic Fibrosis Liver Disease Screening. Journal of Pediatric Gastroenterology. Publish pending May 2019 JPGN-18-571R3

GRANT AWARDS

1. Ultrasound Quantitative Elastography assessment of Pediatric Hepatic Fibrosis – Siemens – June 2013-May 2015 (Richard Barth, MD & Erika Rubesova, MD Co-PI's)
2. Strategies for Radiation Dose Reduction and the Elimination of General Anesthesia in Pediatric CT Studies with SOMATOM Flash Dual Source CT – Siemens – 3/2013-2/2015 (PI: Frandics Chan, MD,PhD)
3. 3D Sonographic Measurement of Total and Segmented Renal Volumes in the pediatric population – General Electric Medical Systems, August 2013-Sept 2014 (PI: Richard Barth, MD)
4. Rapid Robust Pediatric MRI – R01 – 4/2010-12/2013 (PI: Shreyas Vasanawala, MD, PhD)
5. Pre-Market User Evaluation of C2-9 Pediatric Transducer – GE – September 2012, (PI: Richard Barth, MD)
6. Development and Translation of High Performance Receive Arrays for Pediatric MRI 0 R01 – 7/1/2014-6/30/2014 (PI: Shreyas Vasanawala MD, PhD)
7. Ultrasound Quantitative Elastography assessment of Pediatric Hepatic Fibrosis – Siemens – June 2013-Dec 2019 (Richard Barth, MD & Erika Rubesova, MD Co-PI's)
8. Development and Translation of High Performance Receive Arrays for Pediatric MRI 0 R01 – 7/1/2014-6/30/2019 (PI: Shreyas Vasanawala MD, PhD)
9. Shear Wave Sono-Elastography in diagnosis of Biliary Atresia – Siemens – 7/31/2017-07/30/2019 (PI : Richard Barth, MD)
10. Liver Fat Quantification Data Collection – Philips- 10/01/2018-09/30/2019 (PI: Richard Barth, MD)

BOOK CHAPTERS

1. Sonography of Multifetal Gestations. In *Ultrasonography in Obstetrics and Gynecology*, Ed. Callen PW. 4th Edition, 2000
2. **Barth RA.** Prenatal Diagnosis of Urinary Tract Anomalies. In Congenital Anomalies of the GU Tract. Ed. Friedland, G et al. 2nd Edition, 2000
3. Hintz SR, Chueh J, **Barth RA**, Cunniff C, Hudgins L. Prenatal Diagnosis and Consultation. In Neonatology: Clinical Practice and Procedural Atlas. Ed. Stevenson DK et al. 2015 Publication by McGraw-Hill Company
4. **Barth RA.** Thyroglossal duct cyst and Thyroid colloid cyst chapters. Pearls & Pitfalls in Pediatric Radiology, coedited by Daldrup-Link, HE and Newman, B, Cambridge University Press. April 2014
5. **Barth RA.** Airway Anomalies, Lung and Mediastinal Masses, and Hydrothorax chapter. Fundamental and Advanced Fetal Imaging – Ultrasound and MRI. Editors: Beth M. Kline-Fath, Dorothy I. Bulas, and Ray Bahado-Singh. Wolters Kluwer Health 2015
6. **Barth RA.** Airway Anomalies, Lung and Mediastinal Masses, and Hydrothorax chapter. Fundamental and Advanced Fetal Imaging – Ultrasound and MRI. Editors: Beth M. Kline-Fath, Dorothy I. Bulas, and Ray Bahado-Singh. Wolters Kluwer Health 2019

INVITED LECTURES AND SCIENTIFIC ABSTRACTS

1. CT of the Spine. Orthopedic Grand Rounds, University of Vermont, October, 1981.
2. The Computed Tomographic Differential Diagnosis of Pulmonary Metastases in Childhood and Adolescence. European Society of Pediatric Radiology, Oslo, May 1981.
3. CT Evaluation of Gynecologic Malignancies. OB-GYN Grand Rounds, University of Vermont, February, 1982.
4. Ultrasound in the Diagnosis of Fetal and Neonatal Renal Masses. Surgery Grand Rounds, University of Vermont, October, 1983.
5. Ultrasound in the Diagnosis of Fetal and Neonatal Renal Masses. Radiology Grand Rounds, University of Vermont, April 1983.

6. Ultrasound Evaluation of Silent Scrotal Masses in Children. Stanford University, May, 1983.
7. Ultrasound in the Diagnosis of Fetal and Neonatal Renal Masses. Pediatric Grand Rounds, University of Vermont, January, 1984.
8. Ultrasound in the Diagnosis of Fetal and Neonatal Renal Masses. Perspectives in Medicine, Burlington, VT, May 12, 1984.
9. Magnetic Resonance: Physics for the General Radiologist, Radiology Grand Rounds, University of Vermont, February 6, 1985.
10. Ultrasound in the Diagnosis of Fetal and Neonatal Renal Masses. Body Imaging: Ultrasound and Computed Tomography, Stowe, VT, July 26, 1985.
11. Magnetic Resonance of the Spine and Musculoskeletal System, Orthopedic Grand Rounds, University of Vermont, November 5, 1985.
12. Abdominal Magnetic Resonance Imaging, Radiology Grand Rounds, University of Vermont, February 5, 1986.
13. CT Pelvimetry. Obstetrics and Gynecology Grand Rounds, University of Vermont, February 10, 1987.
14. Ultrasound of the Pediatric Abdomen. New England Pediatric Society, Boston, MA, February 11, 1987.
15. Radiographic Findings Associated with Surfactant Treatment. Society for Pediatric Research, Anaheim, CA, April 30, 1987.
16. CT Pelvimetry. Radiology Grand Rounds, University of Vermont, June 10, 1987.
17. CT Pelvimetry. Body Imaging: Ultrasound and Computed Tomography, Stowe, VT, July 17, 1987.
18. Ultrasound of the Abdomen in Pediatrics. Department of Radiology, Loma Linda University, October 30, 1987.
19. Rebound Thymic Hyperplasia 5 Years After Chemotherapy for Wilms' Tumor. Society for Pediatric Radiology, San Diego, CA, May 1, 1988.
20. Ultrasound of Abdominal Masses in Children, Radiology Grand Rounds, University of Vermont, May 1988.
21. Ultrasound of Abdominal Masses in Children. Body Imaging Postgraduate Course, Stowe, VT, July 15, 1988.
22. Overview of MRI: State of the Art, 1988. Surgery Grand Rounds, University of Vermont, October 12, 1988.

23. Failed Back Syndrome. (Drs. Halsey and Barth). Orthopedic Grand Rounds, University of Vermont, December 12, 1988.
24. Ultrasound of the Fetal GU Tract. Stanford University, June 7, 1989.
25. Sonography of the Fetal and Neonatal Urinary Tract. Johns Hopkins University, December 5, 1989.
26. Sonography of Urinary Tract Obstruction in the Fetus and Neonate. Radiology Grand Rounds, University of Vermont, March 13, 1990.
27. MRI of the Body: State of the Art. Pediatric Grand Rounds, University of Vermont, April 4, 1990.
28. Fetal Infantile Polycystic Kidney Disease with Variable Outcome. Society for Pediatric Radiology, Cincinnati, OH, April 21, 1990.
29. Approach to Renal Cystic Disease in Children. Body Imaging Postgraduate Course, Stowe, VT, October 6, 1990.
30. HRCT of the Chest - How Sensitive is the Technology? Presented at Association of University Radiologists, Orlando, FL, March 18, 1991.
31. MRI of Musculoskeletal Athletic Injuries. Sports Medicine Society, Lake Placid, NY, January 24, 1992.
32. Perinatal and Postnatal Chest Sonography. Presented at Body Imaging in Alaska, Stanford University Medical Center, Anchorage, AK, July 14, 1993.
33. Sonography of the Gravid Uterus. Presented at Body Imaging in Alaska, Stanford University Medical Center, Anchorage, AK, July 14, 1993.
34. Renal Cystic Disease in Children. Presented at Body Imaging in Alaska, Stanford University Medical Center, Anchorage, AK, July 14, 1993.
35. Mindell HJ, Mastromatteo J, Dickey K, Sturtevant NV, Shuman WP, **Barth RA**, Oliver C., Leister K. Flow Patterns in the Retroperitoneal Spaces: Evaluation by CT Guided Contrast Media Injections in Cadavers: The Society of Uroradiology: Scientific Program; Laguna Niguel, CA, January 8, 1994.
36. Renal Cystic Disease in Children. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Aspen, CO, January 25, 1994.
37. Imaging of the Perinatal Chest. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Aspen, CO, January 25, 1994.
38. Sonography of the Pediatric Scrotum. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Aspen, CO, January 25, 1994.

39. Sonography of the Gravid Uterus. CT and Ultrasound of the Pediatric Abdomen. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Aspen, CO, January 25, 1994.
40. Sonography of the Fetal Environment: The Placenta, Amniotic Fluid and Gravid Uterus. Presented at American Roentgen Ray Society Annual Meeting, New Orleans, LA, April 25, 1994.
41. Mindell HJ, Mastromatteo J, Dickey K, Sturtevant NV, Shuman WP, **Barth RA**, Oliver C., Leister K. Flow Patterns in the Retroperitoneal Spaces: Evaluation by CT Guided Contrast Media Injections in Cadavers. Presented at American Roentgen Ray Society Annual Meeting, New Orleans, LA, April 28, 1994.
42. Sonography of the Pediatric Scrotum. University of Vermont, Visiting Professor Burlington, VT, October 6, 1994.
43. Sonography of The Pregnant Uterus. Presented at University of Vermont Imaging Seminar, Burlington, VT, October 7, 1994
44. Imaging of the Pediatric Abdomen. Presented at University of Vermont Imaging Seminar, Burlington, VT, October 9, 1994
45. Sonography of Gravid Uterus. Presented at Santa Clara Valley Radiologic Society, Santa Clara, CA, October, 1994.
46. Jorgensen MJ, Hollett MD, Jeffrey RB, Mindelzun RE, **Barth RA**, Harris DP. Rapid Bolus, Dual Phase Helical (Spiral) CT of the Pancreas. Presented at Radiological Society of North America, Chicago, IL, November 1994.
47. New Techniques in Pediatric Neuro and Body Imaging. Pediatric update, Lucile Salter Packard Children's Hospital, Stanford, CA, July 21, 1995.
48. New Techniques in Radiology -- CT, Ultrasound & MRI Overview. Human Biology Internship Course, Stanford University, July 31, 1995
49. Sonography of the Gravid Uterus. Department of Gynecology and Obstetrics, Stanford University School of Medicine, October 25, 1995.
50. Clautice-Engle T, Jeffrey RB, Li KCP, Hollett MD, **Barth RA**, Harter PM, Barber C. Non Contrast Spiral CT of Acute Appendicitis: Comparison With Sonography. Radiological Society of North America, Chicago, IL, November, 1995.
51. Imaging of Renal Cystic Disease and Tumors in Childhood. Sonography of the Gravid Uterus. Acute Abdominal Problems in Infants and Children. Imaging of Pediatric Abdominal Masses. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Palm Beach, FL, January 9-10, 1996.

52. Sonography of Congenital Chest Malformations in the Fetus and Infant. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Palm Beach, FL, February 19, 1996.
53. Imaging of Renal Cystic Disease and Tumors in Childhood. Sonography of the Gravid Uterus. Panel Discussion Moderator: Managed Care and the Short-term Outlook for Radiology in the U.S. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Snowmass, CO, February 19-22, 1996.
54. Sonography of the Gravid Uterus. Presented at Department of Radiology Grand Rounds, University of Vermont School of Medicine, May 2, 1996.
55. Imaging of Pediatric Abdominal Masses. Interesting Pediatric Cases. Sonography of the Gravid Uterus. Acute Abdominal Problems in Infants and Children. Sonography of the Pediatric Scrotum. Presented at Diagnostic Imaging Update, Stanford University School of Medicine, Sun Valley, ID, February 17-21, 1997.
56. The All-Digital Department: How It's Done. Presented at Diagnostic Imaging Healthcare Conference, San Francisco, CA, April 29, 1997.
57. Sonography of the Gravid Uterus. Ultrasound Evaluation of the Fetal Urinary Tract. Presented at Abdominal Ob/Gyn Ultrasound State-of-the-Art Imaging, Stanford University School of Medicine, Carmel Valley, CA, June 27, 1997.
58. Radiology Research: How Can We Increase Our Share? Presented at SCARD Fall Meeting, Atlanta, GA, September 5, 1997.
59. Interesting Ultrasound Cases. Fetal GU Tract Anomalies, Pediatric Tumor Imaging. Sonography of the Gravid Uterus. Presented at 2nd Annual Sun Valley Diagnostic Imaging Update, Stanford University School of Medicine, Sun Valley, ID, February 16-18, 1998.
60. Vandevenne J, Barth R, Bergman AG, Bell J, Dolph J, Lang P. Digital radiography of the appendicular skeleton: reduction of radiation dose using selenium detectors. European Society of Musculoskeletal Radiology, 5th Annual Meeting. Bled, Slovenia, October 28-31, 1998.
61. Acute GI problems: newborn and infant. Diagnostic Imaging Update, Sonography of the pediatric scrotum: acute processes and painless masses, Imaging of renal masses and cystic disease in children. Diagnostic Imaging Update, Sun Valley, ID, February 15-19, 1999.
62. Vandevenne J, Lang P, Barth R, Dolph J, Bergman AG. Radiation dose reduction using selenium detectors in direct digital radiography of the appendicular skeleton. European Congress of Radiology '99, Vienna, Austria. March 9, 1999

63. Sonography of the gravid uterus, Sonography of the pediatric scrotum, Sonography of the fetal urinary tract, Sonography of fetal chest malformations UCSF, Diagnostic Imaging, Acute GI problems in newborns and infants. Kona, HI, April 11-16, 1999.
64. Vandevenne JE, Lang PK, Lincoln T, Ransky L, Butts KR, Otsuka N, Bergman G, Gooding CA, **Barth RA**. Developmental dysplasia of the hip: MR-guided closed reduction. Society for Pediatric Radiology, Vancouver, British Columbia, Canada. May 14 -17, 1999.
65. Imaging of the fetal and pediatric urinary tract: a multi-modality approach to diagnosis. Society for Pediatric Radiology, Vancouver, British Columbia, Canada, May 14 and 17, 1999.
66. Diagnostic Imaging Virtual PACS Symposium, July 20-August 2, 1999
67. "Tackling Cancer" Participation for Palo Alto Cable Co-op. June 2000
68. PACS for the New Millennium, 2nd Annual International Symposium on Multidetector-Row CT, Stanford University School of Medicine, San Francisco, June 24, 2000
69. Sonography of the Pediatric Scrotum, Sonography of the Gravid Uterus, Sonography of the Fetal Urinary Tract, Diagnostic Imaging Update, Stanford University School of Medicine, West Yellowstone, MT, July 26-27, 2000
70. New Approaches to Imaging Acute GI Problems in Newborns and Infants Kinderspital, University of Zurich, Zurich Switzerland. July 17, 2001
72. Lin RJ, **Barth RA**, Curry CH, Hoyme HE. The utility of magnetic resonance imaging as a diagnostic tool in the prenatal diagnosis of congenital anomalies. David W. Smith Morphogenesis and Malformations Workshop, Lake Arrowhead, CA, September, 2001
73. "Pediatric Imaging at the Lucile Packard Children's Hospital", Corporate Donor Event, Lucile Packard Children's Hospital, October 30, 2001
74. Wilhelm Roentgen Meets High Tech, Third Annual High Tech, High Touch Event, Lucile Packard Foundation, Lucile Packard Children's Hospital, March 13, 2002
75. Perinatal Scientific Session Moderator, Society for Pediatric Radiology 45th Annual Meeting, Philadelphia, PA, April 29, 2002
76. Ultrasound of the Fetal Chest and Abdomen, Society for Pediatric Radiology 45th Annual Meeting, Philadelphia, PA, May 2, 2002
77. Fetal Abdominal Anomalies: Prenatal Diagnosis and Postnatal Imaging Implications, UCSF Diagnostic Radiology Annual Postgraduate Course, San Francisco, CA, March 18, 2003

78. Renal Cystic Disease and Tumors in Children, Sonography of the Pediatric Scrotum, Prenatal Diagnosis and Postnatal Imaging Implications of Anomalies of the Fetal Chest & Abdomen. 17th Annual Vermont Fall Foliage Imaging Seminar, Burlington, VT, October 10-12, 2003
79. Paik DS, Sherbundy A, Flunker S, Napel S, **Barth RA**, Rubin GD. Feasibility of Computer Aided Detection of Metastatic Pulmonary Nodules from Chest CT in children. Society for Pediatric Radiology 47th Annual Meeting, Savannah, GA, May 1, 2004.
80. Ayotte KM, **Barth RA**, Kraus S. Improving outcomes for children during air-reduction of intussusception in radiology departments: a call for better cardiopulmonary monitoring. Society for Pediatric Radiology 48th Annual Meeting, New Orleans, LA, April 2005.
81. Ayotte KM, **Barth RA**. Imaging hypoplastic functional renal tissue in patients with history of solitary kidney and urinary incontinence. (Poster Exhibit) Society for Pediatric Radiology 48th Annual Meeting, New Orleans, LA, April 2005.
82. Imaging of Renal Tumors in Children, Challenging Pediatric Cases. 3rd Joint Conference: International Symposium on State-of-the-Art Imaging in Barcelona, Barcelona, Spain, July 14-16, 2005.
83. Rubesova E, Vance CJ, Bammer S, Dutta S, **Barth RA**. Three-Dimensional MR Imaging Volumetric Measurements of the Normal Fetal Colon. Radiological Society of North America, Chicago, IL, November 26-December 1, 2006.
84. Rubesova E, Chueh J, Hintz SR, Dutta S, **Barth RA**. Third trimester fetal MRI: Can we replace postnatal imaging? Postgraduate Course and 50th Annual Meeting of the Society of Pediatric Radiology, Miami, FL. April 17-21, 2007.
85. Gilbertson-Dahdal D, Dutta S, **Barth RA**, Varich L. Three Newborns with Malrotation and Midgut Volvulus Mimicking Duodenal Atresia on Plain Film. Postgraduate Course and 50th Annual Meeting of the Society of Pediatric Radiology, Miami, FL. April 17-21, 2007.
86. Vasanawala SS, **Barth RA**, Ganguly A, Fahrig R, Rieke V, Daniel B, Kennedy WA. MRI Voiding Cystography in the Evaluation of Vesicoureteral Reflux. Postgraduate Course and 50th Annual Meeting of the Society of Pediatric Radiology, Miami, FL. April 17-21, 2007.
87. Rubesova E, Rosenberg J, Hoggard E, Chawla S, Ullberg U, Huisman T, Ghassemi M, Gomez A, Willi U, Hintz S, Ringertz H, **Barth RA** European-American Multi-center Comparison of Plain Films Frequency in Neonatology. Postgraduate Course and Annual Meeting of the European Society of Paediatric Radiology, Barcelona, Spain. June 3-7, 2007.

88. CT Versus Psychiatric Treatment in Girls with Urinary Dribbling, The Role of CT in Diagnosis of UPJ Obstruction. 9th Annual International Symposium on Multidetector-Row CT, San Francisco, June 13-16, 2007.
89. MRI of Fetal Anomalies. 4th Joint European Conference: International Symposium on State-of-the-Art Imaging, Dubrovnik, Croatia, July 5-7, 2007.
90. Challenging Pediatric Cases. 4th Joint European Conference: International Symposium on State-of-the-Art Imaging, Dubrovnik, Croatia, July 5-7, 2007.
91. **Barth RA**, Refresher Course: MR Imaging of the Fetal Neck and Chest: Review of the Clinical Indications, Normal Anatomy, and Correlation with Postnatal Outcome. Radiological Society of North America, Chicago, IL. November 26-30, 2007
92. Challenging Topics in Pediatric Radiology. 16th Annual Winter Diagnostic Imaging Update, Beaver Creek, CO, January 7-11, 2008.
93. Imaging of Renal Cystic Disease in Children. 16th Annual Winter Diagnostic Imaging Update, Beaver Creek, CO, January 7-11, 2008.
94. Role of MRI for Non-CNS Fetal Anomalies. 16th Annual Winter Diagnostic Imaging Update, Beaver Creek, CO, January 7-11, 2008.
95. Sonography of Pediatric Scrotal Pathology. 16th Annual Winter Diagnostic Imaging Update, Beaver Creek, CO, January 7-11, 2008.
96. MRI Evaluation of Fetal Anomalies. MCCPOP, Monterrey, CA, January 25, 2008
97. Gerber RE, Kamaya A, Miller SS, Cronin DM, Dwyer B, Chueh J, Conner, KE, Barth, RA Fetus-in-fetu with 9 Fetoform Parts", Oral presentation, American Institute of Ultrasound in Medicine (AIUM), San Diego, CA, March 12-15, 2008
98. Vance CJ, Newbould RD, Rubesova E, **Barth RA**, Bammer R. Normal Values of Relaxation Times of Human Placenta at 1.5 Testa. Fetal MRI Congress and Course, Vienna, May 2008
99. Rubesova E, Newman B, Dutta S, Hartman G, Rosenberg J, **Barth RA**. Management of bronchopulmonary malformations: results of the SPR and ESPR survey. European Society of Pediatric Radiology, Edinburgh, May 2008
100. Rubesova E, Newman B, Dutta S, Hartman G, Rosenberg J, **Barth RA**. Management of Bronchopulmonary Malformations: Results of the SPR and ESPR Survey. (Paper & Poster) Postgraduate Course and 51st Annual Meeting of the Society of Pediatric Radiology, Scottsdale, Arizona, May 5-9, 2008
101. Deshmukh SD, Rubsova E, Rosenberg J, Hintz S, **Barth RA**. Subjective Versus Objective MRI Measurement of Fetal Lung Volumes. Postgraduate Course

- and 51st Annual Meeting of the Society of Pediatric Radiology, Scottsdale, Arizona, May 5-9, 2008
102. Deshmukh SD, Rubesova E, **Barth RA**, Literature review: Normative fetal lung volume by gestational age on MRI (Poster). Postgraduate Course and 51st Annual Meeting of the Society of Pediatric Radiology, Scottsdale, Arizona, May 5-9, 2008
 103. Fetal MRI. Hospital Timone Enfants, Marseille, France. October 31, 2008
 104. Barth, RA Refresher Course: MR Imaging of the Fetal Neck and Chest: Review of the Clinical Indications, Normal Anatomy, and Correlation with Postnatal Outcome. Radiological Society of North America, Chicago, IL, December 2, 2008.
 105. **Barth RA**, Newman B, Rubesova E, S Hintz S, Vasanaawala S. Congenital lobar overinflation (CLO)/congenital lobar emphysema (CLE) – not an uncommon cause for a fetal chest mass. 52nd Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 22, 2009
 106. Rubesova E, Vasanaawala S, Rosenberg J, **Barth RA**. Single shot SSFSE versus balanced steady state imaging: which sequence to choose to image fetal body. 52nd Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 22, 2009
 107. Rubesova E, **Barth RA**, J Rosenberg J, Brau JC, Vasanaawala S. 3D T1-weighted fetal MRI. 52nd Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 22, 2009
 108. Vasanaawala S, Alley MT, **Barth RA**, Hargreaves BA, Pauly JM, Lustig M. Faster pediatric MRI via compressed sensing. Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 23, 2009 (Caffey Award, Outstanding Scientific Paper)
 109. Eslamy HK, **Barth RA**, Rubesova E. MRI in pregnancy for assessment of congenital anomalies of the chest, abdomen and pelvis (Poster). 52nd Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 21-25, 2009
 110. Eslamy HK, Yeom K, Rubesova E, Hahn J, Barnes P, **Barth RA**, et al. Correlation of fetal and postnatal brain MRI (Poster). 52nd Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 21-25, 2009
 111. **Barth RA**, Moderator: Scientific Papers II – Technical/Education. 52nd Annual Meeting of the Society of Pediatric Radiology, Carlsbad, CA, April 23, 2009
 112. CT Imaging of Prenatally Diagnosed Lung Malformations – Why, When, How. 11th Annual International Symposium on Multidetector-Row CT, San Francisco, May 19-22, 2009

113. Ramarajan N, Krishnamoorthi R, Barth R, Ghanouni P, Mueller C, Dannenburg B, Wang NE. An interdisciplinary initiative to reduce radiation exposure: Evaluation of appendicitis in a pediatric emergency department with clinical assessment supported by a staged ultrasound and computed tomography pathway. Society for Emergency Medicine, November 2009
114. **Barth RA**, Pediatric Radiology Series: Fetal Imaging. MR Imaging of the Fetal Chest. Radiological Society of North America, Chicago, IL, November 30-December 5, 2009
115. Deshmukh S, Lustig M, Alley MT, Pauly J, Rubesova E, **Barth RA**, Vasanaawala S. Compressed Sensing Fetal MRI. Radiological Society of North America, Chicago, IL, November 30-December 5, 2009
116. Gorincour G, Colombani M, Ferry M, Cassart M, Rubesova E, **Barth RA**. The essential role of fetal MR imaging in the prenatal diagnosis of fetal diarrhea. Radiological Society of North America, Chicago, IL, November 30-December 5, 2009
117. Gorincour G, Rubesova E, Potier A, **Barth RA**, Devred P. A practical approach to Mediastinal shift in the fetus (Poster). Radiological Society of North America, Chicago, IL, November 30-December 5, 2009
118. Krishnamoorthi R, Ramarajan N, Wang E, P Ghanouni P, Goldberg-Stein S, **Barth RA**. Effectiveness of a Staged US and CT protocol for the diagnosis of pediatric appendicitis: Reducing radiation exposure in the age of ALARA. Radiological Society of North America, Chicago, IL, November 30-December 5, 2009
119. Imaging Advances for our Youngest Patients: What's New in Fetal MRI? Pediatric Grand Rounds, Lucile Packard Children's Hospital, Stanford University, January 29, 2010
120. Imaging of Appendicitis in Children – How We Do It. Stanford Department of Radiology 18th Annual Spring Diagnostic Imaging Update. Maui, HI, March 22-26, 2010
121. MR Imaging of the Fetal Neck and Chest. Stanford Department of Radiology 18th Annual Spring Diagnostic Imaging Update. Maui, HI, March 22-26, 2010
122. Challenging Topics in Pediatric Imaging. Stanford Department of Radiology 18th Annual Spring Diagnostic Imaging Update. Maui, HI, March 22-26, 2010
123. MR Imaging of the Fetal Brain. Stanford Department of Radiology 18th Annual Spring Diagnostic Imaging Update. Maui, HI, March 22-26, 2010
124. Rubesova E, **Barth RA**. MRI of the Distal Fetal Colon, the key to Detecting Fetal gastrointestinal Abnormalities.). 53rd Annual Meeting of the Society of Pediatric Radiology, Boston, MA, April 13, 2010

125. Barth RA, Newman B, Rubesova E, Vasanaawala S, Sylvester K, Mueller C,. Congenital Lobar Overinflation (CLO) / Congenital Lobar Emphysema (CLE) – Is Non-Surgical Management Feasible? 53rd Annual Meeting of the Society of Pediatric Radiology, Boston, MA, April 13, 2010
126. Rubesova E, Hintz SR, **Barth RA**. Prenatal Diagnosis of Renal Dysplasia: What is the Value of Fetal MRI? 53rd Annual Meeting of the Society of Pediatric Radiology, Boston, MA, April 13, 2010
127. Rubesova E, **Barth RA**, Newman B. Poster - Congenital Broncho-pulmonary Malformations: What Can We Learn from Fetal MRI? 53rd Annual Meeting of the Society of Pediatric Radiology, Boston, MA, April 13, 2010
128. Hahn JS, Hintz SR, Hodgins L, **Barth RA**, Rubesova E, Yeom K, Barnes PD. Prenatal Diagnosis of Callosal Agenesis with Interhemispheric cyst and Aicardi Syndrome. International Child Neurology Congress ICNC, 2010
129. **Barth RA**, Newman B, Rubesova E, Vasanaawala SS. Prenatally diagnosed congenital lobar hyperinflation – not uncommon and non-surgical management is feasible. European Society for Pediatric Radiology, Boredeaux, France, June 10, 2010
130. **Barth RA**, Imaging Advances for our Youngest Patients: What’s New in Fetal MRI. Children’s Circle of Care Celebration, Keynote Speaker, Atherton, CA, October 7, 2010
131. **Barth RA**, MR Imaging of the Fetal Neck and Chest. Radiological Society of North America, Chicago, IL, November 28-December 3, 2010
132. **Barth RA**, Moderator for the Pediatric Series – Fetal Imaging. Radiological Society of North America, Chicago, IL, November 28-December 3, 2010
133. Chair of Course – 8th SPR Symposium on Pediatric Cardiovascular MR. Welcome address. Stanford University, January 18-21, 2011
134. **Barth RA**, Fetal Lung Masses. Advances in Fetal and Neonatal Imaging, Society for Pediatric Radiology, Orlando, FL, January 29, 2011
135. Muller E, Enns G, Hintz S, **Barth RA**, Hudgins L. Prenatal Diagnosis of Amyoplasia Congenita. Western Society for Pediatric Research (WSPR), Carmel, CA, January 26-29, 2011
136. Ramarajan N, Krishnamoorthi R, Gharahbaghian L, Pirrotta E, **Barth RA**, Wang NE. “Clinical Correlation Needed”: What do Emergency Physicians do after an Equivocal Ultrasound for Pediatric Acute Appendicitis? Presented at the 14th Annual SAEM Western Regional Research Forum, Denver CO, February 24-26, 2011

137. Mitchell C, Yeom K, Rubesova E, Barnes P, Hintz S, Hahn J, **Barth RA**. Evaluating Discordant Lesions in Fetal Brain US and MRI. Presented at IPR/SPR, London, England, May 29, 2011
138. Rubesova E, Hintz SR, Chetty SP, El Sayed Y, **Barth RA**. Microcolon as a transient finding on fetal MRI – Poster. Presented at IPR/SPR, London, England, May 29, 2011
139. **Barth RA**, Moderator for Scientific Session – Feotal/Neonatal. IPR/SPR, London, England, May 28, 2011
140. **Barth RA**, Imaging Pediatric Appendicitis – How we do it. iSi 2011 – 6th International Symposium on State-of-the Art Imaging, Bordeaux, France, July 8, 2011
141. **Barth RA**, Imaging of Pediatric Lung Malformation – What, Why, When and How. iSi 2011 – 6th International Symposium on State-of-the Art Imaging, Bordeaux, France, July 8, 2011
142. **Barth RA**, MR Imaging of Fetal Lung Masses. Radiological Society of North America, Chicago, IL, November 27-December 2, 2011
143. **Barth RA**, Moderator for the Pediatric Series – Fetal Imaging. Radiological Society of North America, Chicago, IL, November 27-December 2, 2011
144. **Barth RA**, Host Table Topic. Pediatric Radiology. Radiological Society of North America, Chicago, IL, November 27-December 2, 2011
145. **Barth RA**, Imaging Appendicitis in Children. Society for Pediatric Imaging, Park City, UT, March 8, 2012
146. **Barth RA**, Moderator for Sunrise Session, Fetal Imaging Overview. 55th Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA, April 19, 2012
147. **Barth RA**. Fetal Chest Abnormalities Pre and Postnatal Correlations. 55th Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA, April 19, 2012
148. Boe J, Tacy T, Newman B, Rubesova E, Vasanaawala S, **Barth RA**. Prenatal and Postnatal Imaging Evaluation of Pulmonary Artery, Airway and Pulmonary Findings in Tetralogy of Fallot with Absent Pulmonic valve (TOF/APV). 55th Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA, April 19, 2012
149. Chetty S, Norton ME, Vasanaawala S, **Barth RA**, Rubesova E. Localizing Fetal Bowel Obstruction: The Role of Fetal MRI. 55th Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA, April 19, 2012

150. Eslamy H, Rubesova E, Hudgins L, Rink B, **Barth RA**. Fetal MRI in Arthrogyriposis. 55th Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA, April 19, 2012
151. Chowdhury S, Zhang T, **Barth RA**, Lustig M, Murphy M, Alley MT, Grafendorfer T, Calderon P, Pauly JM, Hargreaves BA, Vasanaawala SS. Clinical Performance and Validation of a Compressed Sensing Contrast Enhanced MRI with Fast Image Reconstruction. Accepted Abstract for ISMRM 20th Annual Meeting, Athens, Greece. May 5-11, 2012
152. **Barth RA**, CT Imaging of Congenital Fetal Lung Malformations. 14th Annual International Symposium on Multidetector-Row CT. San Francisco, CA. June 18, 2012
153. **Barth RA**, Congenital Lung Overinflation-Not an Uncommon Cause for Fetal Lung Malformations. 14th Annual International Symposium on Multidetector-Row CT. San Francisco, CA. June 18, 2012
154. **Barth RA**, Imaging of Pediatric Appendicitis – Is CT still necessary? 14th Annual International Symposium on Multidetector-Row CT. San Francisco, CA. June 18, 2012
155. **Barth RA**, Moderator for the Pediatric Series – Fetal Imaging. Radiological Society of North America, Chicago, IL, November 26, 2012
156. **Barth RA**, Imaging of Fetal and Neonatal Chest Masses. Radiological Society of North America, Chicago, IL, November 26, 2012
157. **Barth RA**, Prenatal Evaluations (Case-based Review of Pediatric Radiology: Abdominal Imaging-An interactive Session). Radiological Society of North America, Chicago, IL, November 29, 2012
158. **Barth RA**, Magnetic Resonance Imaging of Fetal Anomalies. San Francisco Perinatal Association. December 11, 2012
159. **Barth RA**, Fetal Lung Mass Controversies. Advances in Fetal and Neonatal Imaging, Orlando, FL, January 25, 2013
160. Flanagan S, Rubesova E, Hintz SR, Mueller CL, **Barth RA**. Prenatal Imaging of Bronchopulmonary Malformations: Is there a role for late third trimester fetal MRI? 56th Annual Meeting of the Society of Pediatric Radiology, San Antonio, TX, May 16-18, 2013
161. Flanagan S, Rubesova E, Jaramill D, Victoria T, **Barth RA**. Fetal Suprarenal Masses- Assessing the Complementary Role of MRI and Ultrasound for Diagnosis. 56th Annual Meeting of the Society of Pediatric Radiology, San Antonio, TX, May 16-18, 2013
162. Schmitz M, Newman B, Gawande R, Vasanaawala SS, **Barth RA**. Perforated Appendicitis – An Underappreciated Mimic of Intussusception on

- Ultrasound. European Society for Pediatric Radiology, Budapest, Hungary. June 3-7, 2013
163. Flanagan S, Rubesova E, Lopez A, Hintz SR, **Barth RA**. Prenatal Diagnosis of renal anomalies: What is the value of fetal MRI? European Society for Pediatric Radiology, Budapest, Hungary. June 3-7, 2013
 164. **Barth RA**, California Requirements for CT Dose Registry. Society of Chairs of Academic Radiology Departments (SCARD), Chicago, IL. October 11, 2013
 165. **Barth RA**, Imaging of Fetal and Neonatal Chest Masses. Visiting Professor at the Children's Hospital of Philadelphia (CHOP), University of Pennsylvania School of Medicine, October 23, 2013
 166. **Barth RA**, Imaging of Pediatric Appendicitis – Who, When, What, How? Visiting Professor at the Children's Hospital of Philadelphia (CHOP), University of Pennsylvania School of Medicine, October 23, 2013
 167. **Barth RA**, Sonography of the Pediatric Scrotum and Fetal Abdomen: Challenging Cases with Postnatal Correlation. Visiting Professor at the Children's Hospital of Philadelphia (CHOP), University of Pennsylvania School of Medicine, October 24, 2013
 168. **Barth RA**, Fetal Abdomen: Challenging Cases with Postnatal Correlation. Visiting Professor at the Children's Hospital of Philadelphia (CHOP), University of Pennsylvania School of Medicine, October 24, 2013
 169. **Barth RA**, Moderator for the Pediatric Series – Fetal-Neonatal Imaging. Radiological Society of North America, Chicago, IL, December 2, 2013
 170. **Barth RA**, Fetal Lung Mass Controversies. Visiting Professor of Radiology at Boston Children's Hospital, Harvard Medical School. Boston, MA. Jan 27-28, 2014
 171. **Barth RA**, Fetal Abdomen: Challenging Cases with Postnatal Correlation. Visiting Professor of Radiology at Boston Children's Hospital, Harvard Medical School. Boston, MA. Jan 27-28, 2014
 172. **Barth RA**, Imaging Pediatric Appendicitis – Who, When, What, How. Visiting Professor of Radiology at Boston Children's Hospital, Harvard Medical School. Boston, MA. Jan 27-28, 2014
 173. Zucker E, **Barth RA**. Impact of California CT Dose Reporting Requirements: Survey of Radiologists. 57th Annual Meeting of the Society of Pediatric Radiology, Washington, DC, May 13-17, 2014
 174. Potnick A, Zhang T, Cheng J, Alley M, **Barth RA**, Vasanawala S. Fast Pediatric 3D Free Breathing Abdominal Dynamic Contrast Enhanced MRI with High Spatiotemporal Resolution. 57th Annual Meeting of the Society of Pediatric Radiology, Washington, DC, May 13-17, 2014

175. Zucker E, Larson D, Newman B, **Barth RA**. Radiologist Compliance with California CT Dose Reporting Requirements: Review of Pediatric Chest CT. 57th Annual Meeting of the Society of Pediatric Radiology, Washington, DC, May 13-17, 2014
176. Zucker E, Newman B, Larson D, Rubesova E, **Barth RA**. Added Value of Radiologist Consultation for Pediatric Ultrasound: Implementation and Survey Assessment. 57th Annual Meeting of the Society of Pediatric Radiology, Washington, DC, May 13-17, 2014
177. **Barth RA**, Impact of California Requirements for CT Dose Reporting. 16th Annual International Symposium on Multidetector-Row CT. San Francisco, CA. June 9, 2014
178. **Barth RA**, Imaging of Pediatric Appendicitis in the ALARA era-what is the role of CT? 16th Annual International Symposium on Multidetector-Row CT. San Francisco, CA. June 11, 2014
179. Rubesova E, Chang J, Chueh J, **Barth RA**, Can Maternal Sedation with Low Dose of Diazepam Improve Image Quality of Fetal MRI. 37th Postgraduate course and 51st Annual Meeting of the European Society of Paediatric Radiology (ESPR 2014), Amsterdam, Netherlands. June 2-6, 2014
180. Rubesova E, Jerdee T, **Barth RA**, Newman B. Bronchial Mucus Plug: Pre- and Post-natal Recognition and Significance. 37th Postgraduate course and 51st Annual Meeting of the European Society of Paediatric Radiology (ESPR 2014), Amsterdam, Netherlands. June 2-6, 2014
181. **Barth RA**, Advocacy Update. 2014 Annual SCORCH Meeting, Chicago, IL, October 16, 2014
182. **Barth RA**, Imaging Pediatric Appendicitis: Who, When, What, How? Visiting Professor at Florida State University College of Medicine, Orlando, FL, January 22, 2015
183. **Barth RA**, Imaging of Fetal and Neonatal Chest Masses. Visiting Professor at Florida State University College of Medicine, Orlando, FL, January 22, 2015
184. **Barth RA**, Fetal Neonatal Chest. Advances in Fetal and Neonatal Imaging Conference, Orlando, FL, January 23-25, 2015
185. **Barth RA**, Neonatal Chest. Advances in Fetal and Neonatal Imaging Conference, Orlando, FL, January 23-25, 2015
186. **Barth RA**, Moderator for the Panel: Controversies in Fetal Neck and Congenital Lung Malformations and Congenital Diaphragmatic Hernia. Advances in Fetal and Neonatal Imaging Conference, Orlando, FL, January 23-25, 2015

187. **Barth RA**, On Panel for jSPR – Offer advice and predictions for the future in the field of pediatric radiology. 58th Annual Meeting of the Society for Pediatric Radiology, Seattle, WA, Apr 29, 2015.
188. Bernbeck M, **Barth RA**, Lewis A, Dannenberg B, Imler D, Vasanaawala S. Diffusion and Post Contrast MRI for Evaluation of Acute Appendicitis: The Stanford Experience. 58th Annual Meeting of the Society for Pediatric Radiology, Seattle, WA, Apr 27-May 1, 2015.
189. Starr V, **Barth RA**, Mrazek-Pugh B, Rubesova E. Placenta Accreta: Critical Diagnosis for the Pregnant Patient and Challenging Diagnosis for the Pediatric Radiology. 58th Annual Meeting of the Society for Pediatric Radiology, Seattle, WA, Apr 27-May 1, 2015.
190. Starr V, Zucker E, Sibley R, Rubesova E, Rodriguez, **Barth RA**, et al. Shear Wave Elastography (SWE) of the Normal and Fibrotic Pediatric Liver. 58th Annual Meeting of the Society for Pediatric Radiology, Seattle, WA, Apr 27-May 1, 2015.
191. Girsen AI, Samour RN, Riley K, Davis AS, Hintz SR, **Barth RA**, et al. Added value of prenatal MRI in cases of fetal lung masses. 18th International Conference on Prenatal Diagnosis and Therapy (International Society for Prenatal Diagnosis) Brisbane, Australia, July 20-23, 2015
192. Girsen AI, Samour RN, Riley K, Davis AS, Hintz SR, **Barth RA**, et al. Factors associated with neonatal respiratory distress in cases of prenatally diagnosed lung masses. 18th International Conference on Prenatal Diagnosis and Therapy (International Society for Prenatal Diagnosis) Brisbane, Australia, July 20-23, 2015
193. **Barth RA**, Fetal Lung Mass Controversies. Visiting Professor at University of Vermont Medical Center (UVM). October 2, 2015
194. **Barth RA**, Imaging of Pediatric Appendicitis – Who, When, What, How?. Visiting Professor at University of Vermont Medical Center (UVM). October 2, 2015
195. **Barth RA**, US News & Work Report Best Children’s Hospital Survey. 2015 Annual SCORCH Meeting, Chicago, IL, October 23, 2015
196. **Barth RA**, Moderator for the Pediatric Series – Fetal-Neonatal Imaging. Radiological Society of North America, Chicago, IL, December 2, 2015
197. Barth, RA, How Does Fetal Imaging Influence Neonatal Imaging? Radiological Society of North America, Chicago, IL, December 2, 2015
198. Alford, Raphael, **Barth RA**, Reliability of the Lung Head Ratio Measurements in Congenital Diaphragmatic Hernia Made With Ultrasound as Compared with Fetal MR. 2016 7th International Pediatric Radiology Conjoint Meeting & Exhibition, May 15-20, 2016, Chicago, IL

199. Lai, Lillian, **Barth RA**, Thyme to Respect the Thymus. 2016 7th International Pediatric Radiology Conjoint Meeting & Exhibition, May 15-20, 2016, Chicago, IL
200. Cullen, Tom, **Barth RA**, Do all prenatally diagnosed bronchopulmonary malformations get smaller? Evaluation on serial fetal MRI and postnatal imaging? 2016 7th International Pediatric Radiology Conjoint Meeting & Exhibition, May 15-20, 2016, Chicago, IL
201. Sellers ZM, **Barth RA**, Milla C. Re-thinking cystic fibrosis liver disease screening to identify early disease. North American Cystic Fibrosis Conference. Orlando, FL, October 2016
202. **Barth RA**, Scrotal Ultrasound in 2016. The Society for Pediatric Radiology Pediatric Ultrasound Course. Nemours Children's Hospital, Orlando, Florida. Nov 4-6, 2016.
203. **Barth RA**, Update on Pediatric Scrotal Ultrasound. Visiting Professor at Hadassah Hebrew University Medical Center, Jerusalem, Israel. February 23, 2017.
204. Zucker Evan J, Newman, Beveley, Vasanaawala, Shreyas S, Chan Frandics P, **Barth RA**. Pediatric Coronary CTA: Factors Promoting Scan Success and Dose Reduction. Annual Meeting of the Society for Pediatric Radiology, Vancouver, Canada, May 15-19, 2017.
205. Isaacson J, Zucker E, Sellers Z, **Barth RA**. Normal Liver ARFI Sono Elastography Despite Significant Fibrosis in Children with Cystic Fibrosis Liver Disease. Annual Meeting of the Society for Pediatric Radiology, Vancouver, Canada, May 15-19, 2017.
206. Emerson, M, Rubesova E, Encinas G, Diaz E, Kennedy W, **Barth RA**. Contrast Enhanced Voiding Urosonography: The bumpy road to the perfect protocol. Annual Meeting of the Society for Pediatric Radiology, Vancouver, Canada, May 15-19, 2017.
207. Emerson M, Rubesova E, Halabi S, Rosenberg, J, et al. CVR Measurement of Fetal Lung Masses by US and MRI: Choosing the best measurement method – Scientific Poster. Annual Meeting of the Society for Pediatric Radiology, May 15-19, 2017, Vancouver, Canada
208. **Barth RA**, Shear Wave Elastography of the Pediatric Liver. Fudan's Childrens Hospital of Fudan University, Shanghai, China, November 6, 2017
209. **Barth RA**, Shear Wave Elastography Diagnosis, Biliary Atresia in Children. Fudan University Symposium, Shizou, China, November 11, 2017
210. Sellers ZM, **Barth RA**, Milla C. Routine use of abdominal ultrasound improves detection of liver disease in cystic fibrosis: A Pediatric CF Center's

- Experience. North American Cystic Fibrosis Conference, Indianapolis, IN, November 2017
211. Barth, RA, Moderator – Bronchopulmonary Dysplasia: Then and Next. Stanford University, December 5, 2017
 212. Zucker E, **Barth RA**, Kino A, Vasanaawala S, Chen JY. Free-Breathing Ferumoxytol-Enhanced MRI for Preoperative Renal Transplant Vascular Mapping in Infants and Children. Accepted Abstract Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15-19, 2018
 213. Zucker EJ, Chan FP, Vasanaawala SS, Newman B, **Barth RA**. Pediatric vasculitis: multimodality imaging review. Electronic presentation (educational exhibit) : RSNA; Chicago, IL; November 25-30, 2018. -- Selected as an AMA PRA Category 1 Credit™ activity. -- Winner of Certificate of Merit Award
 214. Anderson J, Girsen A, Hintz S, El-Sayed Y, Davis A, **Barth RA**, Halabi S, Sylvester K, Bruzoni M, Blumenfeld Y. Obstetric and neonatal outcomes in pregnancies complicated by fetal lung masses: does final histology matter? Abstract Annual Meeting of the Society for Maternal Fetal Medicine, Las Vegas, NV, Feb 11-16, 2019
 215. Wishah, F, Rubesova E, Halabi S, Sandberg J, Diaz E, Kennedy W, **Barth RA**. Introduction of Contrast enhanced voiding urosonography into clinical practice: Assessment of Clinical Indications, Imaging results, and Urologist Acceptance. Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA., April 29-May 3, 2019.
 216. Sandberg J, Sun Y, Ju Z, Liu S, Jiang J, Koci M, Willeminck M, Rosenberg J, Rubesova E, **Barth RA**. Biliary atresia versus other causes of neonatal jaundice: What is the value of Shear Wave Elastography complementing grayscale findings? Annual Meeting of the Society of Pediatric Radiology, San Francisco, CA., April 29-May 3, 2019.
 217. D'Hondt, A, Rubesova E, **Barth RA**, Xie H, Vial A, Shamdasani V. Preliminary results of liver fat fraction quantification by Ultrasound in children. Annual Meeting of the European Society of Pediatric Radiology, Helsinki May 14-19, 2019
 218. Sandgren T, Rubesova E, Elmfors FA, Chock V, Ringertz H, **Barth RA**. Doppler imaging in hypoxic ischemic encephalopathy: What is the value of the resistivity index with and without compression of the fontanel? Annual Meeting of the European Society of Pediatric Radiology, Helsinki May 14- 19, 2019
 219. Zucker EJ, Newman B, Vasanaawala SS, **Barth RA**, Fleischmann D, Chan FP. Congenital pulmonary artery anomalies: multimodality imaging review. Electronic

presentation (educational exhibit) in submission at: RSNA; Chicago, IL; Submitted-
December 1-6, 2019.