

CURRICULUM VITAE**Robin Diane Kaye, MD**

Office Address: Phoenix Children's Hospital
 Department of Radiology
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 Phoenix, AZ 85016
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Education:

09/1971-08/1975	B.S. University of California, Davis, California (Zoology)
01/1977-06/1979	B.S.N Loretto Heights College, Denver, Colorado (Nursing)
08/1982-05/1986	M.D. University of Colorado Health Sciences Center, School of Medicine, Denver, Colorado

Postgraduate Training and Fellowship Appointments:

07/1986-06/1987	Internship: Internal Medicine, Veteran's Administration Medical Center, Boise, Idaho
07/1987-06/1991	Residency: Diagnostic Radiology, University of Colorado Health Sciences Center, Denver, Colorado
07/1991-06/1992	Fellowship: Diagnostic Pediatric Radiology, The Children's Hospital, Denver, Colorado
07/1992-06/1993	Fellowship: Pediatric Interventional Radiology, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania

Military Service: None

Faculty Appointments:

08/1993-05/1999	Assistant Professor of Radiology, University of Pittsburgh School of Medicine, Department of Radiology, Pittsburgh, Pennsylvania
07/1999-06/2000	Assistant Professor of Radiology, University of Colorado Health Sciences Center, Department of Radiology, Denver, Colorado
08/2000-01/2006	Assistant Professor of Radiology, Department of Radiology, University of Pennsylvania School of Medicine, Philadelphia, PA
03/2006-11/2008	Assistant Clinical Professor of Radiology, Medical College of Wisconsin, Milwaukee, WI
5/2010	Clinical Associate Professor of Radiology, University of Arizona (pending)

Hospital and Administrative Appointments:

08/1993-05/1999	Staff Radiologist, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania
08/1993-05/1999	Consulting Staff, Magee Women's Hospital, Pittsburgh, Pennsylvania
01/1995-05/1999	Consulting Staff, The Rehabilitation Institute, Department of Radiology, Pittsburgh, Pennsylvania
01/1996-05/1999	Head, Division of Pediatric Angiography and Interventional Radiology, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania
01/1998-05/1999	Courtesy Staff, Western Reserve HealthCare System, Department of Radiology, Tod Children's Hospital, Youngstown, Ohio
07/1999-06/2001	Staff Radiologist, The Children's Hospital, Denver, Colorado
08/2000-06/2007	Head, Division of Pediatric Angiography and Interventional Radiology The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
03/2006-04/2009	Staff Radiologist, Children's Hospital of Wisconsin, Milwaukee, WI
03/2009-	Staff Radiologist, Phoenix Children's Hospital, Phoenix, Arizona

Specialty Certification:

06/1991	American Board of Radiology
02/1995	CAQ-Pediatric Radiology
07/2005	Recertification of CAQ-Pediatric Radiology

Licensure:

1989	Colorado - (Inactive)
1992	Pennsylvania -(Inactive)
1997	Ohio - (Inactive)
2005	Wisconsin –
2009	Arizona

Memberships in Professional and Scientific Societies:

National Societies:

- American College of Radiology
- American Roentgen Ray Society
- Radiological Society of North America
- Society of Interventional Radiology
- Society for Pediatric Radiology

Local Societies:

- Wisconsin Radiological Society

Editorial Positions:

1995- Reviewer, Journal of Vascular & Interventional Radiology

Academic Committees:

1994-99 Operative and Invasive Procedures Committee, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania
1994-96 Vision 2001 Communications Committee, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania
1996-99 Nutrition Support Committee, Children's Hospital of Pittsburgh Pittsburgh, Pennsylvania
1999-00 Vascular Access Committee, The Children's Hospital, Denver, Colorado
1999-00 Quality Improvement Committee, Chairman, Department of Radiology The Children's Hospital, Denver, Colorado
2000-2002 Leadership Committee, Department of Radiology, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2000-2006 Medical Devices Committee, Children's Hospital of Philadelphia Philadelphia, Pennsylvania
2000-2003 Alumni Association Board of Directors, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2001-2003 Catheter Care Committee, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2001-2006 Operative and Invasive/Non-Invasive Procedure Committee, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2003-2006 Catheter Care Committee, Chairman, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2003-2006 Supply Chain Management Value Analysis Committee, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2003-2006 Sedation Committee, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2004-2006 Research Committee, Department of Radiology, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2006- Credentials Committee, Children's Hospital of Wisconsin, Milwaukee, WI
2006- Sedation Committee, Children's Hospital of Wisconsin, Milwaukee, WI

Majoring Teaching and Clinical Responsibilities at the Children's Hospital of Wisconsin/Medical College of Wisconsin:

1. Surgery-Radiology-Pathology Conference (1/month)
2. Gastroenterology-Radiology Conference (1/month)
3. NICU Fellow daily rounds (Monday-Friday)
4. Attending Interventional Radiology Clinical Service (12 months/year).
5. Vascular Anomalies Clinic (1/month).

Lectures by Invitation:

- March 13, 1999 “Use of Diagnostic Testing in Primary Care”. Third Annual Spring Symposium for Tri-State Area Pediatric Nurse Practitioner Association, Pittsburgh, PA.
- August 24, 1999 “Radiographic Aspects of Pediatric Stroke”. Symposium on Pediatric Stroke, The Children’s Hospital, Denver, CO.
- May 6, 2003 “Vascular Imaging: Past, Present, & Future.” The Society for Pediatric Radiology Annual Meeting, San Francisco, CA.
- June 13, 2003 “Pre-surgical testing to identify focal hyperinsulinism”. Congenital Hyperinsulinism Family Conference. Children’s Hospital of Philadelphia, Philadelphia, PA.
- June 23, 2003 “ASVS in Preoperative Evaluation of Patients with Congenital Hyperinsulinism”. Critical Care Clinical Conference, Children's Hospital of Philadelphia, Philadelphia, PA.
- June 23, 2003 “Review of Enteral Feeding Devices”. Critical Care Clinical Conference, Children's Hospital of Philadelphia, Philadelphia, PA.
- August 18, 2003 “Interventional Radiology: an Overview”. Critical Care Clinical Conference, Children's Hospital of Philadelphia, Philadelphia, PA.
- March 12, 2004 “The Role of Interventional Radiology in Pediatric Trauma”. Fourth Annual John M. Templeton Jr. Pediatric Trauma Symposium, Children’s Hospital of Philadelphia, Philadelphia, PA.
- March 27, 2004 “Practice Management of a Multidisciplinary Team: Caring for the Child Undergoing Percutaneous Gastrostomy Tube Placement”. American Radiologic Nurses Association 22nd Annual Meeting, Phoenix, AZ.
- April 3, 2005 Categorical Course faculty: “Pediatric IR for the Non-Pediatric Interventional Radiologist-GI Interventions”. The Society of Interventional Radiology Annual Scientific Meeting, March 31-April 5, 2005, New Orleans, LA.
- November 30, 2005 Mini-Workshop RC531(Hands-on) faculty: Practical answers to complex problems—Small parts Interventional Ultrasound. RSNA 2005. Chicago, IL.

December 4, 2007 Mini-Workshop RC531(Hands-on) faculty: Practical answers to complex problems—Small parts Interventional Ultrasound. RSNA 2007. Chicago, IL.

June 4, 2007 “Exploring Practical Issues of Central Venous Catheter Tip Placement”. Infusion Nurses Society Annual Meeting, June 2-7, 2007,Orlando, FL.

Organizing Roles in Scientific Meetings:

1. March 1, 1996 “Society of Cardiovascular and Interventional Radiology 1996” Member, Scientific Program Committee of the SCVIR
2. May 2, 2000 “Society for Pediatric Radiology” Co-Moderator, Scientific Paper Session Pediatric Interventional Radiology, Naples, Florida
3. November 26, 2001 “RSNA” Co-Moderator, Scientific Paper Session, Pediatric Interventional Radiology, Chicago, Illinois
4. April 29, 2004 “SPR” Co-Moderator Scientific Paper Session Interventional Radiology Savannah, GA

BIBLIOGRAPHY

Research Publications, (peer reviewed):

1. Towbin R.B., **Kaye R.D.**, Moreland M.S. Osteoid osteoma: Percutaneous excision using a CT-guided coaxial technique. *AJR* 1995 Apr; 164(4):945-949.
2. Ellis D., **Kaye R.D.**, Bontempo F.A. Aortic and renal artery thrombosis in a neonate: Recovery with thrombolytic therapy. *Pediatric Nephrol.* 1997 Oct; 11:641-644.
3. *Kurekci E., **Kaye R.D.**, Koehler M. Chylothorax and chylopericardium: A complication of a central venous catheter. *J Pediatr.* 1998 June; 132(6): 1064-1066.
4. Patton D., **Kaye R.D.**, Dickman P., Blatt J. Partial splenic embolization for treatment of disseminated intravascular coagulation in lymphangiomatosis. *J Pediatr.* 1998 Jun; 132(6):1057-1060.
5. *Sane S., *Towbin A., *Bergey E.A., **Kaye R.D.**, et al. Percutaneous gastrostomy tube placement in patients with ventriculoperitoneal shunts. *Pediatric Radiol.* 1998 July; 28(7):521-523.
6. *Bergey E.A., **Kaye R.D.**, Redd D., Fitz C.R., Towbin R.B. Pediatric transvenous liver biopsy. *J Vasc Intervent Radiol.* 1998 Sept-Oct; 9(5):829-832.

7. *Bergey E.A., **Kaye R.D.**, Reyes J., Towbin R.B. Transhepatic insertion of vascular dialysis catheters in children: A safe, life-prolonging procedure. *Pediatr Radiol.* 1999 Jan; 29(1):42-45.
8. **Kaye R.D.**, *Sane S., Towbin R.B. Pediatric Intervention: An Update - Part I. *JVasc Interv Radiol.* 2000 Jun; 11(6):683-697.
9. **Kaye R.D.**, *Sane S., Towbin R.B. Pediatric Intervention: An Update - Part II. *JVasc Interv Radiol.* 2000 Jul-Aug; 11(7):807-822.
10. *Kaditis A.G., *Gondor M., Nixon P.A., Webber S., Keenan R.J., **Kaye R.D.**, et al. Airway complications following pediatric lung and heart-lung transplantation. *Am J Respir Crit Care Med.* 2000 Jul; 162(1):301-309.
11. *Arcement C.M., Towbin R.B., Meza M.P., Gerber D.A., **Kaye R.D.**, et al. Intrahepatic chemoembolization in unresectable pediatric liver malignancies. *Pediatr Radiol.* 2000 Nov; 30(11):779-785.
12. *Cahill A.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. "Push-pull" gastrostomy: A new technique for percutaneous gastrostomy tube insertion in the neonate and young infant. *Pediatr Radiol* 2001 Aug; 31(8):550-554.
13. *Cahill A.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. Non-endoscopic removal of radiologically placed percutaneous primary gastrostomy tubes: A new technique. *Pediatr Radiol* 2001 Aug; 31(8):546-549.
14. *Shank J.R., *Kolpak S.D., Morgan S.J., Janik J., Biffl W.L., **Kaye R.D.** Delayed arterial bleed 10 days after pelvic ring injury resulting in vaginal wall laceration. *JTrauma* 2001 Oct; 51(4): 777-780.
15. *Lui E., Hoffenberg E.J., **Kaye R.D.**, et al. Endoscopic dilation of an ileocolonic stricture in an infant with short gut syndrome. *Gastrointest Endosc.* 2001 Oct; 54(4): 533-535.
16. Stanley C.A., Thornton P.S., Ganguly A., MacMullen C., Underwood P., Bhatia P., Steinkrauss L., Wanner L., **Kaye R.D.**, Ruchelli E., Suchi M., Adzick N.S. Preoperative evaluation of infants with focal or diffuse congenital hyperinsulinism by intravenous acute insulin response tests and selective pancreatic arterial calcium stimulation. *J Clin Endocrinol Metab.* 2004 Jan; 89(1):288-296.
17. Cahill A.M., Baskin K.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. Transmural migration of gastrostomy tube retention discs. *Pediatr Radiol.* 2004 Feb; 34(2):143-147.
18. Adzick N.S., Thornton P.S., Stanley C.A., **Kaye R.D.**, Ruchelli E. A multidisciplinary approach to the focal form of congenital hyperinsulinism leads to successful treatment by partial pancreatectomy. *J Pediatr Surg.* 2004 Mar; 39(3):270-275.
19. Atanda A., Hosalkar H., Well L., Russo P., **Kaye R.D.**, Dormans J. Knee pain in a 12-year-old girl. *Clin Orthop Relat Res.* 2004 Aug; 425:284-289.

20. Cahill A.M., Baskin K.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. CT-guided percutaneous lung biopsy in children. *J VascIntervRadiol*. 2004 Sept; 15(9):955-960.
21. Cucchiaro G., Markowitz S.D., **Kaye R.D.**, Adzick N.S., Litman R.S., Stanley C.A., Watcha M.F. Blood glucose control during selective arterial stimulation and venous sampling for localization of focal hyperinsulinism lesions in anesthetized children. *Anesth Analg*. 2004 Oct; 99(4):1044-1048
22. *Rubin J.T., Towbin R.B., Bartko M.B., Baskin K.M., Cahill A.M., **Kaye R.D.** Oral and intravenous caffeine for treatment of children with post-sedation paradoxical hyperactivity. *Pediatr Radiol*. 2004 Dec; 34(12):980-984.
23. Baskin K.M., Cahill A.M., **Kaye R.D.**, Born C.T., Grudziak J.S., Towbin R.B. Closed reduction with CT-guided screw fixation for unstable sacroiliac joint fracture-dislocation. *Pediatr Radiol*, 2004 Dec; 34(12):963-969.
24. Kamath B., **Kaye R.D.**, Mamula P., Piccoli D., A 14-month-old boy with Hematochezia. *Med Gen Med*, 2004 Dec 28; 6(4):8.
25. *Berkowitz D., **Kaye R.D.**, Markowitz S.D., Cook-Sather S.D. Inadvertent extra-epidural catheter placement in an infant. *Anesth Analg*, 2005 Feb; 100(2):365-366.
26. Cahill A.M., Baskin K.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. The transgluteal approach for drainage of pelvic fluid collections in pediatric patients. *Radiology*. 2005 Mar; 234(3):893-898.
27. *Pelchovitz D.J., Cahill A.M., Baskin K.M., **Kaye R.D.**, Towbin R.B. Pseudoaneurysm in children: Diagnosis and interventional management. *Pediatr Radiol*, 2005 Apr; 35(4):434-439
28. Arabshahi B., Dewitt E.M., Cahill A.M., **Kaye R.D.**, Baskin K.M., Towbin R.B., Cron R.Q. Utility of corticosteroid injection for temporomandibular arthritis in children with juvenile idiopathic arthritis. *Arthritis Rheum*. 2005 Nov; 52(11):3563-3569.
29. Goldberg E., **Kaye R.D.**, Yaworski J., Liacouras C. Gastrostomy tubes: facts, fallacies, fistulas, and false tracts. *Gastroenterol Nurs*. 2005 Nov-Dec; 28(6):485-93.
30. Raffini L., Raybagkar D., Cahill A., **Kaye R.D.**, Blumenstein M., Manno C. May-Thurner syndrome (iliac vein compression) and thrombosis in adolescents. *Pediatr Blood Cancer*. 2005 Dec 19; [Epub ahead of print]
31. Towbin R.B., Baskin K.M., Cahill A.M., **Kaye R.D.** Interventional radiology: a modular approach. *Pediatr Radiol*, 2006 Jan 12; 1-8 [Epub ahead of print].
32. Kim H., Lee Y., Weiner D., **Kaye R.D.**, Cahill A., Yudkoff M. Botulinum toxin type A injections to salivary glands: Combination with single event multilevel chemoneurolysis in 2 children with severe spastic quadriplegic cerebral palsy. *Arch Phys Med Rehabil*. 2006 Jan; 87(1):141-144.

33. Sadhasivam S., Ganesh A., Robison A., **Kaye R.**, Watcha M.F. Validation of the bispectral index monitor for measuring the depth of sedation in children. *Anesth Analg.* 2006 May;102(2):383-8.
34. Manno C.S., Pierce G.F., Arruda V.R., Glader B., Ragni M., Rasko J.J., Ozelo M.C., Hoots K., Blatt P., Konkle B., Dake M., **Kaye R.D.**, et al. Successful transduction of liver in hemophilia by AAV-Factor IX and limitations imposed by the host immune response. *Nat Med.* 2006 Mar;12(3):342-7.
35. Beukelman T., Arabashahi B., Cahill A.M., **Kaye R.D.**, Cron R.Q. Benefit of intraarticular corticosteroid injection under fluoroscopic guidance for subtalar arthritis in juvenile idiopathic arthritis. *J Rheumatol.* 2006 Nov;33(11):2330-6.
36. Cahill A.M., Baskin K.M., **Kaye R.D.**, Arabashahi B., Cron R.Q., Dewitt E.M., Bilaniuk L., Towbin R.B. CT-guided percutaneous steroid injection for management of inflammatory arthropathy of the temporomandibular joint in children. *Am J Roentgenol.* 2007 Jan;188(1):182-186.
37. Sidhu M.K., James C.A., Harned R.K. 2nd, Connolly B.L., Dubois J., Morello F.P., **Kaye R.D.**, Siddiqui N.J., Roberson P.K., Seidel K.D. *Pediatr Radiol.* 2007 Jan; 37(1):113-5.
38. Towbin R.B., Hurh P., Baskin K., Cahill A.M., Carr M., Canning D., Snyder H., **Kaye R.D.** Priapism in children: treatment with embolotherapy. *Pediatr Radiol.* 2007 May; 37(6):483-7.
39. Cahill A.M., Cho S.S., Baskin K.M., Beukelman T., Cron R.Q., **Kaye R.D.**, Towbin R.B. Benefit of fluoroscopically guided intraarticular, long-acting corticosteroid injection for subtalar arthritis in juvenile idiopathic arthritis. *Pediatr Radiol.* 2007 Jun;37(6):544-8.

*Fellow, resident, medical student or research assistant

Abstracts:

1. **Kaye R.D.**, Towbin R.B., Albanese C., Stefko S., Mowad L. Comparison between surgical gastrotomy and Nissen fundoplication and percutaneous gastrojejunostomy in neurologically impaired children. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting, New Orleans, LA. February 28, 1993.
2. **Kaye R.D.**, Towbin R.B., Albanese C., Stefko S., Mowad L. Comparison between surgical gastrotomy and Nissen fundoplication and percutaneous gastrojejunostomy in neurologically impaired children. Resident and Fellow Research Competition. Pittsburgh Roentgen Ray Society. Pittsburgh, PA. April 14, 1993.
3. **Kaye R.D.** Percutaneous nutrition in the pediatric population. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. San Diego, CA. March 20, 1994.
4. **Kaye R.D.**, Towbin R.B., Fitz C.R. Sclerotherapy of vascular malformations, hemangiomas and lymphangiomas. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. San Diego, CA. March 24, 1994.

5. Fitz C.R., **Kaye R.D.**, Towbin R.B. Utility of MR and MR Angiography in children with vascular malformations. Society for Pediatric Radiology Annual Meeting. Colorado Springs, CO. May 1, 1994. .
6. **Kaye R.D.**, Towbin R.B., Fitz C.R. Gastrostomy tube insertion in neonates and infants. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. Seattle, WA. March 7, 1996.
7. **Kaye R.D.**, Towbin R.B., Fitz C.R. Percutaneous gastrostomy and gastrojejunostomy in neonates and infants. International Pediatric Radiology Meeting. Boston, MA. May 29, 1996.
8. Garel L., Towbin R.B., **Kaye R.D.**, Johnson N., Ball W., Brunelle F., Stanley P. Pediatric hypertension due to segmental renal artery stenoses in native kidneys: The role of endovascular intervention. International Pediatric Radiology Meeting. Boston, MA. May 25-30, 1996. (Presented by L. Garel)
9. *Bergey R., Redd D., **Kaye R.D.**, Fitz C., Towbin R.B. Transvenous liver biopsy in children. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. Washington, D.C. March 11, 1997. (Presented by E. Bergey)
10. *Sane S.S., Towbin A., **Kaye R.D.**, Fitz C.R., Towbin R.B. The safety of PGT placement in children with VP shunts. Society for Pediatric Radiology Annual Meeting. St. Louis, MI. May 15, 1997. (Presented by S. Sane).
11. **Kaye R.D.**, Towbin R.B., Fitz C.R. Gastrostomy insertion in neonates and young infants. Society for Pediatric Radiology Annual Meeting. St. Louis, MI. May 15, 1997. (Presented by R. Towbin).
12. *Pollock A.N., Fitz C.R., **Kaye R.D.**, Towbin R.B. Outpatient angiography: A safe and effective Alternative. Society for Pediatric Radiology Annual Meeting. St. Louis, MI. May 15, 1997. (Presented by A. Pollock).
13. *Sane S.S., **Kaye R.D.**, Fitz C.R., Towbin R.B. Central venous catheter placement in children. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. San Francisco, CA. February 28 – March 5, 1998. (Presented by S. Sane)
14. *Sane S.S., **Kaye R.D.**, Fitz C.R., Towbin R.B. Safety of percutaneous gastrostomy tube placement in patients with ventriculoperitoneal shunts. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. San Francisco, CA. February 28–March 5, 1998. (Presented by S. Sane)
15. Towbin R.B., *Sane S.S., *Arumania S., **Kaye R.D.**, Fitz C.R. Central venous catheter placement in children. Radiological Society of North America. Chicago, IL. December 3, 1998. (Presented by R. Towbin)
16. *Pollock A.N., Fitz C.R., **Kaye R.D.**, Towbin R.B. Outpatient angiography–A safe and effective alternative. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. Orlando, FL. March 22, 1999.

17. Cahill A., **Kaye R.D.**, Fitz C., Towbin R. Percutaneous gastrostomy in the neonate: Comparison of the “push-pull approach with the antegrade method. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. Orlando, FL. March 22, 1999.
18. Cahill A., **Kaye R.D.**, Fitz C., Towbin R. Non-endoscopic removal of radiologically placed percutaneous primary gastrostomy tubes: A new technique. Society for Pediatric Radiology Annual Meeting. Vancouver, B.C., Canada. May, 1999. (Presented by A. Cahill)
19. Cahill A., **Kaye R.D.**, Fitz C., Towbin R. Delayed gastric complications secondary to primary gastrostomy tube placement. Society for Pediatric Radiology Annual Meeting. Vancouver, B.C., Canada. May, 1999. (Presented by A. Cahill)
20. Cahill A., **Kaye R.D.**, Fitz C., Towbin R. “Push-pull” gastrostomy: A new technique for percutaneous gastrostomy insertion in neonates. Society for Pediatric Radiology Annual Meeting. Vancouver, B.C., Canada. May, 1999. (Presented by A. Cahill)
21. Cahill A., Kuhn C., **Kaye R.D.**, Fitz C., Dickman P., Towbin R. Percutaneous CT-guided lung biopsy in children. Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. San Diego, CA. March 25-30, 2000. (Presented by A. Cahill)
22. *Cahill A.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. Central venous port insertion in children. Society for Pediatric Radiology Annual Meeting. Naples, FL. May 2, 2000. (Presented by A. Cahill)
23. *Cahill A.M., Fitz C.R., **Kaye R.D.**, Dickman P., Towbin R.B. Percutaneous CT-guided bone biopsy in children. Society for Pediatric Radiology Annual Meeting. Naples, FL. May 2, 2000. (Presented by A. Cahill)
24. *Thornton P.S., Steinkrauss L., MacMullen C., Kelly A., Ng D., Xu W., **Kaye R.D.**, Adzick S., Ruchelli E., Stanley C.A. Differentiation of Focal from Diffuse Hyperinsulinism by Acute Insulin Response (AIR) Testing and Pancreatic Arterial Stimulation Allows Accurate Preoperative Diagnosis and Focal Surgery. Pediatric Endocrinology Montreal LWPES/ESPE 6th Joint Meeting 2001. (Presented by P.S. Thornton)
25. Cahill A.M., DiLorenzo C.D., **Kaye R.D.**, Towbin R.B., et al. Lower motility catheter placement in children: A six year experience. The Society for Pediatric Radiology Annual Meeting. April 27 – May 1, 2002. Philadelphia, PA.
26. Cahill A.M., DiLorenzo C.D., **Kaye R.D.**, Towbin R.B., et al. Upper motility catheter placement in children: A six year experience. The Society for Pediatric Radiology Annual Meeting. April 27 – May 1, 2002. Philadelphia, PA.
27. DeWitt E.M., **Kaye R.D.**, Towbin R.B., Cron R.Q. Temporomandibular joint corticosteroid injections in juvenile rheumatoid arthritis. “Pediatric Rheumatology 2003: Park City and Beyond” International Meeting, Snowmass, CO. March 22-26, 2003. (Presented by R. Cron)

28. *Hurh P., **Kaye R.D.**, Canning D., Snyder H., Towbin R.B. Successful management of high-flow priapism with coil embolization in three pediatric patients. Society of Interventional Radiology Annual Scientific Meeting, Salt Lake City, UT. March 27-April 1, 2003. (Presented by P. Hurh)
29. Towbin R.B., Flowers C.A., **Kaye R.D.** Safety of various venous access devices to power injection. "The Society for Pediatric Radiology 46th Annual Meeting," San Francisco, CA. May 7-10, 2003. (Presented by R. Towbin)
30. Towbin R.B., **Kaye R.D.**, Cahill A.M., Dormans J. CT-guided resection of osteoid osteoma: the technique of choice. "The Society for Pediatric Radiology Annual Meeting," San Francisco, CA. May 7-10, 2003. (Presented by R. Towbin)
31. Cahill A.M., **Kaye R.D.**, Towbin R.B., Fitz C.R. Percutaneous CT-guided lung biopsy in children: a ten year review. The Society for Pediatric Radiology Annual Meeting. San Francisco, CA. May 7-10, 2003. (Presented by R. Towbin)
32. **Kaye R.D.**, Towbin R.B., Thornton P.S., Stanley C.A., Adzick N.S., Rubin J.T. Evaluation of children with congenital hyperinsulinism with arterial stimulation and hepatic and pancreatic venous sampling. The Society for Pediatric Radiology Annual Meeting. San Francisco, CA. May 7-10, 2003. (Presented by R. Towbin)
33. Cahill A.M., **Kaye R.D.**, Towbin R.B., Fitz C.R. Pelvic abscess drainage in children: the trans-gluteal approach. The Society for Pediatric Radiology Annual Meeting. San Francisco, CA. May 7-10, 2003. (Presented by R. Towbin)
34. **Kaye R.D.**, Rubin J.T., Towbin R.B., Bartko M. Oral and intravenous caffeine for treatment of children with post-sedation paradoxical hyperactivity: a 34 month experience. The Society for Pediatric Radiology Annual Meeting. San Francisco, CA. May 7-10, 2003. (Presented by J. Rubin)
35. Towbin R.B., **Kaye R.D.**, Cahill A.M., Dormans J. CT-guided resection of osteoid osteoma: the technique of chance. The European Society of Paediatric Radiology 40th Annual Meeting and 26th Postgraduate Course Centro Congressi Magazzini del Cotone. Genoa, Italy. June 2-6, 2003. (Presented by R. Kaye)
36. **Kaye R.D.**, Towbin R.B., Rubin J.T., Thornton P.S., Stanley C.A., Adzick N.S. Evaluation of children with congenital hyperinsulinism with arterial stimulation and hepatic venous sampling. The European Society of Paediatric Radiology 40th Annual Meeting and 26th Postgraduate Course Centro Congressi Magazzini del Cotone. Genoa, Italy. June 2-6, 2003. (Presented by R. Kaye)
37. Cahill A.M., **Kaye R.D.**, Towbin R.B., Fitz C.R. Percutaneous mediastinal mass biopsy in children: techniques and outcomes. The European Society of Paediatric Radiology 40th Annual Meeting and 26th Postgraduate Course Centro Congressi Magazzini del Cotone. Genoa, Italy. June 2-6, 2003. (Presented by R. Kaye)

38. Cahill A.M., **Kaye R.D.**, Towbin R.B., Fitz C.R. Percutaneous mediastinal mass biopsy in children: techniques and outcomes. Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe. Antalya-Belek, Turkey. September 20-24, 2003. (Presented by A. Cahill)
39. Cahill A.M., **Kaye R.D.**, Towbin R.B., Fitz C.R. Percutaneous CT-guided lung biopsy in children: a ten-year review. Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe. Antalya-Belek, Turkey. September 20-24, 2003. (Presented by A. Cahill)
40. Cahill A.M., **Kaye R.D.**, Towbin R.B., Fitz C.R. Pelvic abscess drainage in children: the trans-gluteal approach. Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe. Antalya-Belek, Turkey. September 20-24, 2003. (Presented by A. Cahill)
41. High K.A., Manno C.S., Sabatino D.E., Hutchinson S., Dake M., Razavi M., **Kaye R.D.**, Arruda V.R., Herzog R.W., Rustagi P.K., Rasko J., Hoots K., Blatt P., Sommer J., Leonard D., Addya K., Ragni M.V., Ozelo M., Konkle B.A., Lessard R., Axsom K.M., Chew A.J., Glader B., Pierce G., Couto L.B., Kay M.A. "Immune responses to AAV and to factor IX in a phase I study of AAV-mediated, liver-directed gene transfer for hemophilia B". The American Society of Hematology 45th Annual Meeting and Exposition. San Diego, CA. December 6-9, 2003. (Presented by Katherine A. High)
42. Baskin K.M., Cahill A.M., **Kaye R.D.**, Flowers C.A., Towbin R.B. Peripheral venous port insertion in children: An 8-year experience. Society of Interventional Radiology Annual Scientific Meeting. Phoenix, AZ. March 25-30, 2004. (Presented by K. Baskin)
43. Zhu X., Baskin K.M., Cahill A.M., **Kaye R.D.** Evaluation of dose reduction and image quality with a contrast-detail phantom in a digital flat panel radiography system using ct guidance. The Society for Pediatric Radiology Annual Meeting. Savannah, GA. April 27-May 1, 2004. (Presented by X. Zhu)
44. Baskin K.M., Cahill A.M., **Kaye R.D.**, Born C.T., Grudzick J.S., Towbin R.B. Percutaneous reduction with internal fixation (PRIF) of unstable sacroiliac joint fracture-dislocations using CT-guidance. The Society for Pediatric Radiology Annual Meeting. Savannah, GA. April 27-May 1, 2004. (Presented by K. Baskin)
45. Cahill A.M., Baskin K.M., **Kaye R.D.**, Heakyung K., Towbin R.B. Botox injection of salivary glands in children with hypersalivation and chronic aspiration. The Society for Pediatric Radiology Annual Meeting. Savannah, GA. April 27-May 1, 2004. (Presented by K. Baskin)
46. Cahill A.M., Baskin K.M., **Kaye R.D.**, Towbin R.B., Arabshai B., DeWitt E.M., Cron R. CT- guided percutaneous steroid injection for treatment of inflammatory arthropathy of the temporomandibular joint in children. The Society for Pediatric Radiology Annual Meeting. Savannah, GA. April 27-May 1, 2004. (Presented by K. Baskin)

47. Cahill A.M., Baskin K.M., Flowers C., **Kaye R.D.**, Towbin R.B. Tunneled peripheral venous port insertion in children: an 8-year experience. The Society for Pediatric Radiology Annual Meeting. Savannah, GA. April 27-May 1, 2004. (Presented by A Cahill)
48. Baskin K., **Kaye R.D.**, Cahill A., Towbin R. Tunneled transfemoral central venous catheters in newborns and infant children: A shift in strategy. RSNA. Chicago, IL. Nov. 28-Dec. 3, 2004. (Presented by K. Baskin)
49. Baskin K., Cahill A , **Kaye R.D.**, Rubin J., Towbin R. Chest ports: Consecutive insertions at two large pediatric centers. Society of Interventional Radiology Annual Scientific Meeting. New Orleans, LA. March 31-April 5, 2005. (Presented by K. Baskin)
50. Baskin K., **Kaye R.D.**, Cahill A., Jimenez R., Towbin R. The true cavo-atrial junction: Implications for central venous access tip position. The Society of Interventional Radiology Annual Scientific Meeting. New Orleans, LA. March 31-April 5, 2005. (Presented by K. Baskin)
51. **Kaye R.D.**, Cahill A., Baskin K., Rubin J., Towbin R. Tunneled hemodialysis catheters in children: Technique and outcomes. The Society of Interventional Radiology Annual Scientific Meeting. New Orleans, LA. March 31-April 5, 2005.
52. **Jimenez R.**, Baskin K., Cahill A., Kaye R.D., Towbin R. The elusive cavoatrial junction: Anatomic and biometric study of the superior vena cava. The Society for Pediatric Radiology Annual Meeting. New Orleans, LA. May 5-7, 2005. (Presented by J. Jimenez)
53. Rush J., Baskin K., Cahill A., Rubin J., **Kaye R.D.**, Towbin R. Central venous access by different service providers: Does it matter who puts in the port?. The Society for Pediatric Radiology Annual Meeting. New Orleans, LA. May 5-7, 2005. (Presented by J. Rush)
54. Baskin K., **Kaye R.D.**, Ganley T., Cahill A., Towbin R. Percutaneous CT-guided physal bar excision. The Society for Pediatric Radiology Annual Meeting. New Orleans, LA. May 5-7. (Presented by K. Baskin)
55. Baskin K., Cahill A., Kaplan B., Meyers K., **Kaye R.D.** Cutting balloon angioplasty for renal revascularization in cases of resistant renal artery stenosis. The Society for Pediatric Radiology Annual Meeting. New Orleans, LA. May 5-7, 2005. (Presented by K. Baskin)
56. Cahill A., Baskin K., Rubin J., **Kaye R.D.**, Towbin R. Tunneled dialysis catheter insertion children: A 7 year experience. The Society for Pediatric Radiology Annual Meeting. New Orleans, LA. May 5-7, 2005. (Presented by A. Cahill)
57. Cahill A., Baskin K., Raffini L., Rubin J., **Kaye R.D.**, Towbin R. Staged endovenous treatment of deep venous thrombosis. The Society for Pediatric Radiology Annual Meeting. New Orleans, LA. May 5-7, 2005. (Presented by A. Cahill)

Editorials, Reviews, Chapters, including participation in committee reports (print or other media)

1. **Kaye R.D.**, Grifka R.G., Towbin R.B. Intervention in the Thorax in Children. *Radiol Clin North Am.* 1993 May; 31(3):693-712.
2. Towbin R.B., **Kaye R.D.**, Bron K.M. Intervention in the critically ill patient. *Crit Care Clin* 1994 Apr; 10(2):437-454.
3. **Kaye R.D.**, Towbin R.B. Interventional procedures in the gastrointestinal tract in children. *Radiol Clin North Am.* 1996 Jul; 34(4):903-917.
4. Bowen A.D., *Hungate R.G., **Kaye R.D.**, Reyes J., Towbin R.B. Imaging in liver transplantation. *Radiol Clin North Am.* 1996 Jul; 34(4):757-778.
5. **Kaye R.D.**, Towbin R.B. The role of interventional radiology in the treatment of congenital vascular lesions. *Pediatric Plastic Surgery*, Chapter 25, pp:571- 594; M.Bentz, ed., Appleton & Lang. Stanford, Connecticut, 1998.
6. **Kaye R.D.**, Pediatric Gastrointestinal Intervention. *Sem Interv Radiol.* 2002 Mar;19(1): 23-37.
7. **Kaye R.D.**, Towbin R.B., Imaging and intervention in the gastrointestinal tract in children. *Gastroenterol Clin North Am.* 2002 Sep; 31(3) 897-923.

* Fellow

Alternative Media (Posters):

1. **Kaye R.D.**, Strain J.D., Stork L. "Metastatic Disease to the Paranasal Sinuses." Society for Pediatric Radiology Annual Meeting. May 14-17, 1992.
2. *Sane S.S., Towbin R.B., **Kaye R.D.**, Fitz C.R., Towbin R.B. "The Safety of PGT Placement in Children with VP Shunts." European Society for Pediatric Radiology. Lugano, Switzerland, May 27-31, 1997.
3. **Kaye R.D.**, Towbin R.B., Fitz C.R. "Gastrostomy insertion in neonates and young Infants." European Society for Pediatric Radiology. Lugano, Switzerland, May 27-31, 1997.
4. Towbin R.B., *Gerger D.A., **Kaye R.D.**, Carr B.I., Mazariegos G.V., Reyes J. "Chemoembolization in Children with Failed Systemic Chemotherapy." Society of Cardiovascular and Interventional Radiology Annual Scientific Meeting. San Francisco, California. Feb. 28 – March 5, 1998.
5. Towbin R.B., *Bergey E., **Kaye R.D.** "Transhepatic central venous large bore dialysis catheter placement in children." The Third International Congress of Pediatric Transplantation. Boston, Massachusetts. July 10, 1998. (Presented by K. Baskin)

6. Towbin R.B., **Kaye R.D.**, *Bergey E., Fitz C., Redd D. "Pediatric transvenous liver biopsy." The Third International Congress of Pediatric Transplantation. Boston, Massachusetts. July 10, 1998.
7. *Cahill A.M., **Kaye R.D.**, Fitz C.R., Towbin R.B. "Percutaneous gastrostomy in the neonate: comparison of a new technique with the antegrade method." Society of Cardiovascular and Interventional Radiology. March 20 – 25, 1999.
8. Cahill A.M., Kuhn C., **Kaye R.D.**, Fitz C.R., Dickman P., Towbin R.B. Percutaneous CT Guided Lung Biopsy in Children. Society of Cardiovascular & Interventional Radiology 25th Annual Scientific Meeting. San Diego, CA. March 25-30, 2000.
9. **Kaye R.D.**, Towbin R.B., Thornton P.S., Stanley C.A., Fazi L.M., Adzick N.S. "Arterial stimulation with Venous Sampling (ASVS) in Congenital Hyperinsulinism," Society of Cardiovascular and Interventional Radiology, Baltimore, Maryland. April 6-11, 2002.
10. Towbin R.B., Hurh P., **Kaye R.D.**, Cahill A.M., Dormans J. CT-Guided Resection of Osteoid Osteoma: The Technique of Choice. Society of Interventional Radiology 28th Annual Scientific Meeting. Salt Lake City, Utah. March 27-April 1, 2003.
11. Towbin R.B., Flowers C.A., **Kaye R.D.** Safety of Various Venous Access Devices to Power Injection. Society of Interventional Radiology 28th Annual Scientific Meeting. Salt Lake City, Utah. March 27-April 1, 2003.
12. **Kaye R.D.**, Cahill A.M., Baskin K.M., Towbin R.B. "CT guided percutaneous steroid injection for treatment of inflammatory arthropathy of the TMJ in children." 29th Society of Interventional Radiology Annual Scientific Meeting. Phoenix, Arizona. March 25-30, 2004.
13. Baskin K.M., **Kaye R.D.**, Cahill A.M., Towbin R.B. "Botox injection of salivary glands in children with hypersalivation and chronic aspiration." 29th Society of Interventional Radiology Annual Scientific Meeting. Phoenix, Arizona. March 25-30, 2004.
14. Arabshahi B., Dewitt E.M., Cahill A.M., **Kaye R.D.**, Cron R.Q. "Evaluation of Corticosteroid Injection for TMJ Arthritis in children with JRA." Third Scientific Meeting of the TMJ Association. Bethesda, Maryland. May 6-7, 2004.

Awards and Honors:

1. Baskin K.M., **Kaye R.D.**, Cahill A.M., Towbin R.B. March 25-30, 2004, Honors, Poster Presentation, "Botox injection of salivary glands in children with hypersalivation and chronic aspiration." 29th Society of Interventional Radiology Annual Scientific Meeting. Phoenix, Arizona. March 25-30, 2004
2. Press release recognition, "CT-guided Percutaneous Lung Biopsy in Children." *JVIR* 2004, 15(9): 955-960.