

Name: Jeffrey S. Pollak, M.D. **Date:** August 8, 2016

Born: February 1, 1958

Education: B.A. Columbia College, Columbia University 1979

M.D. Columbia University, College of Physicians and Surgeons 1983

Career/Academic Appointments:

July 1983 to June 1984	Intern, Internal Medicine Morristown Memorial Hospital, Morristown, New Jersey
July 1984 to June 1988	Resident, Radiology Columbia-Presbyterian Medical Center, New York, NY
July 1988 to June 1989	Fellow, Vascular and Interventional Radiology Hospital of the University of Pennsylvania, Philadelphia, PA
July 1988 to June 1989	Instructor in Radiology University of Pennsylvania School of Medicine, Philadelphia, PA
July 1989 to June 1995	Assistant Professor of Radiology Yale University School of Medicine
July 1989-present	Attending in Vascular and Interventional Radiology Yale-New Haven Hospital
July 1995-August 2006	Associate Professor of Radiology Yale University School of Medicine
July 2006 to present	Professor of Radiology Yale University School of Medicine
September 2011 to present	The Robert I. White, Jr., M.D. Professor of Interventional Radiology Yale University School of Medicine

Administrative Positions:

July 1991 to June 1992	Acting Chief, Section of Vascular and Interventional Radiology, Yale University School of Medicine and Yale-New Haven Hospital
June 1992-September 1998	Chief, Section of Vascular and Interventional Radiology Yale University School of Medicine and Yale-New Haven Hospital
June 1998 to June 2014	Co-Chief, Section of Vascular and Interventional Radiology,

	Yale University School of Medicine and Yale-New Haven Hospital
July 2014 to June 2015	Chief, Section of Vascular and Interventional Radiology, Yale University School of Medicine and Yale-New Haven Hospital
July 2015 to January 2016	Co-Chief, Section of Vascular and Interventional Radiology, Yale University School of Medicine and Yale-New Haven Hospital
July 1991 to July 2014	Fellowship Program Director, Vascular & Interventional Radiology Yale University School of Medicine and Yale-New Haven Hospital
October 2015 to present	Fellowship Program Director, Vascular & Interventional Radiology Yale University School of Medicine and Yale-New Haven Hospital

Board Certification: Diplomate, National Board of Medical Examiners, 1984
 Diplomate, American Board of Radiology, May 1988
 Certificate of Added Qualification in Vascular and Interventional
 Radiology, American Board of Radiology. Primary
 Certification: 1995, Recertification: January 2006 and March
 2016

Professional Honors or Recognition:

Columbia College: summa cum laude
 Phi Beta Kappa
 Merck Index Award in Chemistry

Columbia College of Physicians & Surgeons (Medical School):
 Alpha Omega Alpha
 Microbiology Award

Yale University School of Medicine:
 First recipient of the endowed position: Robert I. White, Jr., M.D.
 Professor of Interventional Radiology

Grant History for last 12 years:

- Coinvestigator
 - 1) Bard Denali Vena Cava Filter System.
 Sponsor: Bard
 Principal Investigator: Bart Muhs, M.D.
 - 2) The Genetic and Cellular Mechanisms of NAFLD and Hepatic Insulin Resistance.
 Sponsor: R-24 Interdisciplinary Team Science Grant.
 Principal Investigator: Gerald Shulman, M.D.

Proportion of effort: < 5%

- 3) A Phase III Randomized Trial of Chemoembolization with or without Sorafenib in Unresectable Hepatocellular Carcinoma (HCC) in Patients with and without Vascular Invasion.

Sponsor: Eastern Cooperative Oncology Group, trial 1208.

Principal Investigator: Stacey Stein, M.D.

Lectures, Courses:

1. Society of Cardiovascular and Interventional Radiology, 1991 Annual Meeting
Workshop: Embolization agents (hosted with A. Gomes and K. Fellows), Feb. 18, 1991
2. Connecticut State Chest Conference, April 29, 1992.
Lecture: Hemoptysis: Role of Interventional Radiology.
3. New England Roentgen Ray Society, February 12, 1993.
Lecture: Hemoptysis: Role of Interventional Radiology.
4. American Radiologic Nursing Association, Annual meeting, December, 1993
Lecture: Thrombolytic Therapy for Pulmonary Embolism
5. Radiology Grand Rounds, Columbia-Presbyterian Medical Center, February 16, 1994
Lecture: Percutaneous Endoscopy
Grand Rounds: Hemoptysis: Role of Interventional Radiology.
6. Manchester Hospital
Lecture: Metal Stents: An Overview, Jan. 1995
7. Association of Vascular and Interventional Radiographers, 1995 Annual meeting
Lecture: Percutaneous Endoscopy, March 28, 1995
8. Hereditary Hemorrhagic Telangiectasia, Fourth Annual Conference, July 29-30, 1995
Lecture: Treatment of Pulmonary Arteriovenous Malformations
9. Western Connecticut Pulmonary Conference, Danbury Hospital
Lecture: Interventional Radiology in the Thorax: Selected Topics (Airway Obstruction, Tracheoesophageal Fistula, Drainage Procedures), Feb. 15, 1996
10. Milford Medical Society
Lecture: Interventional Radiology in the Thorax: Selected Topics (Airway Obstruction, Tracheoesophageal Fistula, Drainage Procedures), March 19, 1996
11. Society of Cardiovascular and Interventional Radiology, 1996 Annual meeting,
Workshops:
 1. Advanced Venous Access, March 1996.
 2. Varicocele Therapy

12. Peripheral Vascular Disease: Present & Future Treatments, September 28, 1996, St. Luke's Hospital. Bethlehem, PA
Lecture: Percutaneous Interventions for Failing Hemodialysis Shunts
13. First Northeastern Conference on Vascular Access for Hemodialysis, October 25-26, 1996, NY, NY
Lecture: Treatment of Catheter Related Central Venous Occlusions, Oct. 26, 1996
14. Radiology Grand Rounds, Roosevelt Hospital, NY, NY, January 21, 1997
Noon Resident's Lecture: Interventional Radiology for Gastrointestinal Bleeding
Grand Rounds: Hemoptysis: Role of Interventional Radiology.
15. Current Topics in Hematology and Oncology. A Problem Oriented Case Management Symposium, October 24 & 25, 1997. Hosted by: The Norwich Cancer Center and The William W. Backus Hospital
Lecture: Clinical Pearls about Venous Access Devices, Oct. 24, 1997
16. Radiological Society of North America, 1997 Annual Meeting
Workshop: Treatment of Peripheral Vascular Disease with Stents ("How-to" Workshop), Dec. 5, 1997
17. Society of Cardiovascular and Interventional Radiology, 1998 Annual Meeting
Workshop: Advanced Venous Access (given twice), March 1998.
18. Second Northeastern Conference on Vascular Access for Hemodialysis, May 15-16, 1998, NY, NY
Lecture: Treatment of Catheter Related Central Venous Occlusions, May 15, 1998
19. Radiological Society of North America, 1998 Annual Meeting
Workshop: Treatment of Peripheral Vascular Disease with Stents ("How-to" Workshop), Nov. 30, 1998
20. Fourth International Symposium on Cardiovascular and Interventional Radiology, October 5-9, 1998. Hyatt Regency Cambridge, Cambridge, MA. Sponsored by the Harvard Medical School and Brigham and Woman's Hospital, Department of Radiology, Division of Cardiovascular and Interventional Radiology
Lecture: Peripheral AVM and Bronchial Embolization
Workshops: 1. Embolization (AVM)
2. Pulmonary and Bronchial Embolization
21. Society of Cardiovascular and Interventional Radiology, 1999 Annual Meeting
Workshops: Venous Access (given twice) , March 24 and 25, 1999
Venous embolotherapy, March 24, 1999
22. American Geriatrics Society, 1999 Annual Meeting, May 19-23, 1999

- Lecture: Interventional Radiology in the Management of Biliary Tract Disease in the Elderly, May 20, 1999
23. Society of Cardiovascular and Interventional Radiology, 2000 Annual Meeting
Workshop: Chest Interventions, March 30, 2000
24. Society of Cardiovascular and Interventional Radiology, 2001 Annual Meeting
Plenary Lecture: Chest and Tracheobronchial Interventions, March 8, 2001
Workshop Coordinator: Chest Interventions
Workshop Participant: Chest Interventions, March 4, 2001
Chest Interventions, March 6, 2001
25. Current Perspectives in Thrombolysis, June 9, 2001, Chatham, Cape Cod, Massachusetts
Lecture: Non-Vascular Applications of Thrombolytic Therapy
26. Society of Cardiovascular and Interventional Radiology, 2002 Annual Meeting
Workshop Coordinator: Chest Interventions
Workshop Participant: Chest Interventions, April 10, 2002
27. Connecticut State Chest Conference, December 18, 2002
Debate: "CTPA has replaced the V-Q Scan and Pulmonary Angiography in the Diagnosis of Pulmonary Embolism"
28. Society of Cardiovascular and Interventional Radiology, 2003 Annual Meeting, Salt Lake City, Utah
Plenary Lecture: Pulmonary Arteriovenous Malformation Embolization: Anatomy, Technique, and Outcome, March 31, 2003
Workshop Coordinator: Chest Interventions
Workshop Participant: Chest Interventions, March 29, 2003
Chest Interventions, March 30, 2003
29. Advanced Course for the Diagnosis and Treatment of Hereditary Hemorrhagic Telangiectasia for Otorhinolaryngologists, Radiologists, and Gastroenterologists; Yale University, New Haven Connecticut, June 29-June 30, 2004
Course Lecture: Pulmonary Arteriovenous Malformations: Pathophysiology, Clinical Complications, Screening, and Follow-up, June 29, 2004
Workshop Presentation: Clinical and Anatomical Outcome after Pulmonary Arteriovenous Malformation Embolotherapy, June 29, 2004
30. Conference: Safeguarding Adult and Pediatric Stem Cell Donors: Basic Science, Clinical, and Ethical Issues; Arlington, Virginia, September 21-22, 2004
Funded in part by Grant # 1 R13 HL07810 (ELS) from the Department of Health and Human Services, National Institutes of Health, National Heart, Lung, and Blood Institute
Lecture: Central Venous Catheters: Benefits and Risks, September 21, 2004

31. Department of Veterans Affairs National Course: Hot Topics in Hepatitis C 2004, Boston, Massachusetts, October 29, 2004
Lecture: Locoregional Therapy for Hepatocellular Carcinoma, October 29, 2004
32. Society of Interventional Radiology, 2005 Annual Meeting, New Orleans, Louisiana
Lecture in Categorical Course on "Management of Vascular Malformations": Pulmonary Arteriovenous Malformations: Embolization Technique and Outcomes, April 4, 2005
33. Yale Radiology Grand Rounds – Bluestein Lecture, New Haven, CT – one-half of grand rounds.
Lecture: Local and Regional Interventions for Hepatocellular Carcinoma, May 26, 2005
34. Conference: Toward a Comprehensive Multidisciplinary Approach to the Management of Hepatocellular Carcinoma at Yale, Yale School of Medicine, September 26, 2005
Lecture: Local and Regional Interventions for Hepatocellular Carcinoma, September 26, 2005
35. Bristol Hospital, CT, Medical Staff Presentation.
Lecture: Venous Access, October 25, 2005
36. Conference: AIM (Advanced Interventional Management) Symposium, New York, New York, November 13-16, 2006
Lecture: Varicocele Revisited Using Foam Sclerotherapy, November 14, 2006
Lecture/Workshop: New Embolic Devices, November 14, 2006
37. Society of Cardiovascular and Interventional Radiology, 2007 Annual Meeting, Seattle, Washington
Workshop Coordinator: Treatment of Vascular Anomalies
Workshop Participant: Classification of Vascular Anomalies, March 4, 2007
Pulmonary Arteriovenous Malformations, March 3, 2007 and March 5, 2007
38. Symposium: Liver Cancer Symposium 2007. Current Management of Hepatocellular Carcinoma: A Multidisciplinary Approach, South Norwalk, CT, April 17, 2007
Lecture: Interventional Radiology Approaches to Hepatocellular Carcinoma: TACE, RFA, and Beyond, April 17, 2007
39. Radiological Society of North America, 2007 Annual Meeting, Chicago, Illinois
Lecture: Management of Pleural Effusions, November 26, 2007
For Refresher Course: Chest Interventions
40. Society of Cardiovascular and Interventional Radiology, 2008 Annual Meeting, Washington, D.C.
Workshop Coordinator: Treatment of Vascular Anomalies
Workshop Participant: Classification of Vascular Anomalies, March 18, 2008
Arteriovenous Malformations, March 18, 2008
41. Yale Urology Grand Rounds.

- Lecture: Interventional Radiology: Established and New Interventions, May 5, 2008
42. Radiological Society of North America, 2008 Annual Meeting, Chicago, Illinois
Lecture: Management of Pleural Effusions, December 1, 2008
For Refresher Course: Chest Interventions
43. Society of Cardiovascular and Interventional Radiology, 2009 Annual Meeting, San Diego, California.
Workshop Coordinator: Treatment of Vascular Anomalies
Workshop Participant: Pulmonary Arteriovenous Malformations, March 9, 2009
44. American Academy of Professional Coders, New Haven Chapter Meeting, September 17, 2009
Lecture: Vascular and Interventional Radiology Coding, September 17, 2009
45. Yale Hereditary Hemorrhagic Telangiectasia Center 2nd HHT Patient and Family Conference, New Haven, CT, October 24, 2009
Lecture: Pulmonary Arteriovenous Malformations: Diagnosis, Treatment, and Follow-up
Workshops: Evaluation and management of various aspects of HHT
46. Conference: AIM (Advanced Interventional Management) Symposium, New York, New York, November 18-20, 2009
Lecture: RFA for HCC (Radiofrequency Ablation for Hepatocellular Carcinoma), November 20, 2009
47. Radiological Society of North America, 2009 Annual Meeting, Chicago, Illinois
Lecture: Management of Pleural Effusions, December 1, 2009
For Refresher Course: Chest Interventions
48. Conference: AIM (Advanced Interventional Management) Symposium, New York, New York, November 17-19, 2010
Workshop Lecture: Uterine Embolization: Ovarian Arteries and Adenomyosis, November 19, 2010
Workshop Lecture: Liquid Embolization Agents, November 19, 2010
49. Conference: AIM (Advanced Interventional Management) Symposium, New York, New York, November 17-19, 2010
Workshop Lecture: Uterine Embolization: Ovarian Arteries and Adenomyosis, November 19, 2010
Workshop Lecture: Liquid Embolization Agents, November 19, 2010
50. Society of Cardiovascular and Interventional Radiology, 2011 Annual Meeting, Chicago, Illinois.
Case Based Review Session on Cutting Edge Embolics: Cyanoacrylates (Glue), March, 28, 2011
51. Global Embolization Symposium and Technologies 2011 meeting, Paris, France
Lecture (prepared but delivered by a substitute): Microcatheters, April 27, 2011

52. Pediatric and Adult Interventional Cardiac Symposium, July 24-27, 2011
Live Case Demonstration: Embolization of Pulmonary Arteriovenous Malformations in Two Patients, July 26, 2011
53. Liver Disease and Transplantation in Children and Adults: Update 2011, Yale University Course, September 21, 2011
Lecture: The Role of Interventional Radiology in Liver Transplantation
54. Connecticut State Chest Conference, Yale University, September 28, 2011
Lecture: Hemoptysis: Role of Interventional Radiology
55. Conference: AIM (Advanced Interventional Management) Symposium, New York, New York, November 16-18, 2011
Workshop Lecture: Pulmonary Arteriovenous Malformations, Peripheral AVMs, and Varicocele, November 18, 2011
56. Connecticut State Chest Conference, Yale University, March 14, 2012
Lecture: Interventional Approaches to the Management of PE – What YNHH Has to Offer
57. Yale University Workshop: Hepatocellular Carcinoma in the Community, April 13, 2012
Lecture: Consider the Perspectives: Interventional Radiology
58. Conference: PICS-AICS 2012, Pediatric and Adult Interventional Cardiac Symposium, April 15-18, 2012, Chicago, IL
Workshop Lecture: Repair of PAVMs Using Various Devices and Techniques, April 15, 2012
59. Global Embolization Symposium and Technologies 2012 meeting, New York, NY, May 3-6, 2012
Main Session Lecture: Techniques and Embolics in Varicocele Embolization, May 3, 2012
Focus Session: Varicoceles: Varicocele Embolization: Coils and Sclerotherapy, May 4, 2012
Case Based Discussions Pulmonary AVM, May 5, 2012
60. Yale GU Tumor Board
Lecture: Percutaneous Renal Tumor Ablation, October 1, 2012
61. Conference: AIM (Advanced Interventional Management) Symposium, New York, New York, November 13-16, 2012
Lecture: Varicocele Embolization In the Pediatric Patient: Is It an Underutilized Procedure?, November 13, 2012
62. Yale Urology Grand Rounds, February 6, 2013

- Lecture: Radiofrequency Ablation for Renal Tumors (one half of this grand rounds, which was titled “Renal Mass Ablation Therapy”)
63. Columbia Department of Radiology Grand Rounds, February 22, 2013
Case Conference: Resident Case Conference
Grand Rounds Lecture: Hemoptysis and the Role of Interventional Radiology
64. Global Embolization Symposium and Technologies 2013 meeting, Prague, Czech Republic, May 1-4, 2013
Main Session Lecture: Pulmonary AVMs: Technique and How to Prevent Recurrence, May 3, 2013
Clinical Case Based Discussion: Haemoptysis and PAVM, May 2, 2013
65. Society of Interventional Radiology, 2014 Annual Meeting, San Diego, California, March 22-27, 2014.
Workshop co-coordinator: Pelvic Congestion & Varicoceles, March, 26, 2014
Presentation (with Raj Ayyagari): Varicocele Embolization
66. AIM (Advanced Interventional Management) Symposium, New York, New York, November 17-20, 2014
Lecture: Pulmonary Arteriovenous Malformations: Classification, Indications For Treatments, Technical Nuances And Required Follow-up, November 17, 2014
Lecture: Varicocele: Clinical Indications, When to Treat, How and How Do Results Compare With Microsurgery?, November 17, 2014
67. Society of Interventional Radiology, 2015 Annual Meeting, Atlanta, Georgia, February 28, 2015-March 5, 2015.
Lecture: Evaluation of Hemoptysis and Indications for Interventional Management, March 4, 2015
Lecture: Interventional Management of Hemoptysis of Systemic Origin, March 4, 2015
Workshop co-coordinator: Gonadal Vein Insufficiency in Men and Women, March, 4, 2015
Presentation (with Raj Ayyagari): Varicocele
68. Symposium on Academic Interventional Radiology 2015, September 12-13, 2015
Presentation: Kidney Cancer (with Laura Findeiss and Ghristos Georgiades), September 12, 2015, 9:45-10:15
69. 2015 Yale Interventional Radiology Symposium for Medical Students, September 19, 2015
Lecture: Liver Oncology Interventions, 10:45-11:00
70. AIM (Advanced Interventional Management) Symposium, New York, New York, November 16-19, 2015

Lecture: Surgical versus Interventional Radiology Treatment of Varicocele, November 18, 2015

71. Global Embolization Symposium and Technologies 2016 meeting, New York, New York, May 5-8, 2016

Plenary Session Lecture: Sclerosing agents: Practical Tips and Tricks, May 6/2016

Clinical Case Based Discussion: Bronchial artery embolization, May 6, 2016

Debate: Varicocele Debate: Sclerosants and/or Liquids are Essential, May 7, 2016

Professional Service:

1. Member, Yale-New Haven Hospital Credentialing Committee, September 2003 – August 2005.
2. Member, Yale-New Haven Hospital Cardiovascular Service Line Committee, January 2007 to August 2007.
3. Member, Yale Diagnostic Radiology Residency Selection Committee, mid 1990s to 2007.
4. Member, Yale-New Haven Hospital, Heart and Vascular Center Safety and Quality Committee, 2013 to 2015.

Bibliography:

Peer-Reviewed Manuscripts:

1. Wang J, **Pollack** (misspelled) **J**, Birnkrandt D, Demirian L, Gratton I, Pierson RN Jr. Combined effects of alcohol and lithium on body composition in the rat model. *Pharmacology, Biochemistry, and Behavior*. 1981;14(1):41-47.
2. **Pollak JS**, Lee GK, White RI Jr, Dormandy B. Comparison of the mechanical properties of detachable balloons for embolotherapy. *Journal of Vascular and Interventional Radiology* 1993; 4:91-95.
3. Cohn SM, **Pollak JS**, McCarthy S, Degutis LC. Detection of aortic tear in the acute trauma patient using MRI. *Magnetic Resonance Imaging* 1994;12(6):963-967.
4. **Pollak JS**, Passik CS. Intrapleural urokinase in the treatment of loculated pleural effusions. *Chest* 1994;105(3):868-73.
5. **Pollak JS**, Egglin TK, Rosenblatt MM, Dickey KW, White RI Jr. Clinical results of transvenous systemic embolotherapy with a neuroradiological detachable balloon. *Radiology* 1994;191(2):477-482.
6. McCauley TR, Monib A, Dickey KW, Clemett J, Meier GH, Egglin TK, Gusberg RJ, Rosenblatt M, **Pollak J**. Peripheral vascular occlusive disease: accuracy and reliability of time-of-flight MR angiography. *Radiology* 1994;192:351-357.

7. Ravikumar TS, Pizzorno G, Bodden W, Marsh J, Strair R, **Pollack** (misspelled) **J**, Hendler R, Hanna J, D'Andrea E. Percutaneous hepatic vein isolation and high-dose hepatic arterial infusion chemotherapy for unresectable liver tumors. *Journal of Clinical Oncology*. 1994;12:2723-2736.
8. Egglin TKP, Dickey KW, Rosenblatt M, **Pollak JS**. Retrieval of intravascular foreign bodies: experience in 32 Cases. *American Journal of Roentgenology* 1995;164:1259-1264.
9. **Pollak JS**, Rosenblatt MM, Egglin TK, Dickey KW, Glickman M. Wallstent endoprosthesis for ureteral obstructions: preliminary results. *Journal of Vascular and Interventional Radiology* 1995;6:417-425.
10. American College of Radiology Rapid Technology Assessment Group. Multi-center trial to evaluate vascular magnetic resonance angiography of the lower extremity. *Journal of the American Medical Association* 1995;274:875-880.
11. Dickey KW, **Pollak JS**, Meier GH III, Denny DF, White RI Jr. Management of large high-flow arteriovenous malformations of the shoulder and upper extremity with transcatheter embolotherapy. *Journal of Vascular and Interventional Radiology* 1995;6:765-773.
12. Dickey KW, Zreik TG, Hsia HC, Eschelmann DJ, Keefe DL, Olive DL, **Pollak JS**, Glickman MG. Transvaginal uterine cervical dilation with fluoroscopic guidance: preliminary results in patients with infertility. *Radiology* 1996;200:497-503.
13. Meier GH, **Pollak JS**, Rosenblatt M, Dickey KW, Gusberg RJ. Initial experience with venous stents in exertional axillary-subclavian vein thrombosis. *Journal of Vascular Surgery* 1996;24:974-983.
14. Egglin TK, Rosenblatt M, Dickey KW, Houston JP, **Pollak JS**. Replacement of accidentally removed tunneled venous catheters through existing subcutaneous tracts. *Journal of Vascular and Interventional Radiology* 1997; 8(2):197-202.
15. Lee DW, White RI Jr., Egglin TK, **Pollak JS**, Fayad PB, Wirth JA, Rosenblatt MM, Dickey KW, Burdge CM. Embolotherapy of large pulmonary arteriovenous malformations: long-term results. *Annals of Thoracic Surgery* 1997; 64:930-940.
16. Saluja S, Sitko I, Lee DW, **Pollak J**, White RI, Jr. Embolotherapy of pulmonary arteriovenous malformations with detachable balloons: long-term durability and efficacy. *Journal of Vascular and Interventional Radiology* 1999; 10:883-889.
17. Putnam JB, Light RW, Rodriguez RM, Ponn R, Olak J, **Pollak JS**, Lee RB, Payne DK, Graeber G, Kovitz KL. A randomized comparison of indwelling pleural catheter and doxycycline pleurodesis in the management of malignant pleural effusions. *Cancer* 1999; 86:1992-1999.

18. Hwu W-J, Salem RR, **Pollak J**, Rosenblatt M, D'Andrea E, Leffert JJ, Faraone S, Marsh JC, Pizzorno G. A clinical-pharmacological evaluation of percutaneous isolated hepatic infusion of doxorubicin in patients with unresectable liver tumors. *Oncology Research* 1999; 11:529-537.
19. Moussouttas M, Fayad P, Rosenblatt M, Hashimoto M, **Pollak J**, Henderson K, Ma T Y-Z, White RI. Pulmonary arteriovenous malformations: cerebral ischemia and neurological manifestations. *Neurology* 2000; 55(7):959-964.
20. Garcia-Tsao G, Korzenik JR, Young L, Henderson KJ, Jain D, Byrd B, **Pollak JS**, White RI Jr. Liver disease in patients with hereditary hemorrhagic telangiectasia. *New England Journal of Medicine* 2000; 343(13):931-936.
21. White RI Jr, **Pollak J**, Persing J, Henderson KJ, Thomson JG, Burdge CM. Long-term outcome of embolotherapy and surgery for high-flow extremity arteriovenous malformations. *Journal of Vascular and Interventional Radiology* 2000;11(10):1285-1295.
22. **Pollak JS**, Burdge CM, Rosenblatt M, Houston JP, Hwu WJ, Murren J. Treatment of malignant pleural effusions with tunneled long-term drainage catheters. *Journal of Vascular and Interventional Radiology* 2001 Feb;12(2):201-208.
23. **Pollak JS**, White RI Jr. The use of cyanoacrylate adhesives in peripheral embolization. *Journal of Vascular and Interventional Radiology* 2001 Aug;12(8):907-913.
24. Wysoki MG, Covey A, **Pollak J**, Rosenblatt M, Aruny J, Denbow N. Evaluation of various maneuvers for prevention of air embolism during central venous catheter placement. *Journal of Vascular and Interventional Radiology*. 2001 Jun;12(6):764-766.
25. Ornan D, White R, **Pollak J**, Tal M. Pelvic embolization for intractable postpartum hemorrhage: long-term follow-up and implications for fertility. *Obstetrics & Gynecology* 2003; 102:904-910.
26. Arleo EK, **Pollak J**, Tal MG. Changing trends in gynecologists' opinions of uterine artery embolization for fibroids: the patient's perspective. *Journal of Vascular & Interventional Radiology*. 2003; 14(12):1559-1561.
27. Rapp JH, Wolff SD, Quinn SF, Soto JA, Meranze SG, Muluk S, Blebea J, Johnson SP, Rofsky NM, Duerinckx A, Foster GS, Kent KC, Moneta G, Middlebrook MR, Narra VR, Toombs BD, **Pollak J**, Yucel EK, Shamsi K, Weisskoff RM. Aortoiliac occlusive disease in patients with known or suspected peripheral vascular disease: Safety and efficacy of Gadofosveset-enhanced MR angiography – multicenter comparative phase III study. *Radiology* 2005; 236:71-78.
28. Kalyanpur A, **Pollak JS**. Incidence and implications of a left inferior vena cava on IVC filter placement. *Indian Journal of Radiological Imaging*. 2005; 15:2:277-280.

29. **Pollak JS**, Saluja S, Thabet A, Henderson KJ, Denbow N, White RI Jr. Clinical and anatomical outcome after embolotherapy of pulmonary arteriovenous malformations. *Journal of Vascular and Interventional Radiology*. 2006; 17:35–45.
30. Tal MG, Peixoto AJ, Crowley ST, Denbow N, Eliseo D, **Pollak J**. Comparison of side-hole versus non side-hole high flow hemodialysis catheters. *Hemodialysis International*. 2006; 10:63–67.
31. Arleo EK, Masheb RM, **Pollak J**, McCarthy S, Tal MG. Fibroid volume, location and symptoms in women undergoing uterine artery embolization: does size or position matter? *International Journal of Fertility & Womens Medicine*. 2007; 52(2-3):111-20.
32. Reiner E, **Pollak, JS**, Henderson KJ, Weiss RM, White, RI Jr. Initial Experience with 3% Sodium Tetradecyl Sulfate Foam and Fibered Coils for Management of Adolescent Varicocele. *Journal of Vascular and Interventional Radiology*. 2008; 19:207-210.
33. Galvez, JA, McCarthy S, Weinreb J, Zelterman D, White RI, **Pollak J**, Tal MG. Comparison of MRI Outcomes of Uterine Artery Embolization for Uterine Leiomyoma Using Tris-acryl Gelatin Microspheres, Polyvinyl Alcohol Spheres, and Polyvinyl Alcohol Particles. *Journal of Computer Assisted Tomography*. 2008; 32(3):356-361.
34. Spector M, Mojibian H, Eliseo D, **Pollak JS**, Reiner E, Arici M, Tal MG. Clinical outcome of the Tal Palindrome chronic hemodialysis catheter: single institution experience. *Journal of Vascular and Interventional Radiology*. 2009; 19(10):1434-8.
35. Moukaddam H, **Pollak J**, Haims AH. MRI characteristics and classification of peripheral vascular malformations and tumors. *Skeletal Radiology*. 2009; 38(6):535-47.
36. Abramowitz SD, Israel GM, McCarthy SM, **Pollak JS**, White RI Jr, Tal MG. Comparison of four embolic materials at uterine artery embolization by using postprocedural MR imaging enhancement. *Radiology* 2009 250(2):482-7.
37. Mojibian H, Spector M, Ni N, Eliseo D, **Pollak J**, Tal M. Initial clinical experience with a new heparin-coated chronic hemodialysis catheter. *Hemodialysis International*. 2009; 13(3):329-34.
38. Murphy J, Pierucci P, Chyun D, Henderson KJ, **Pollak J**, White RI Jr, Fahey J. Results of exercise stress testing in patients with diffuse pulmonary arteriovenous malformations. *Pediatric Cardiology*. 2009; 30(7):978-84.
39. Ni N, Mojibian H, **Pollak J**, Tal M. Association between disruption of fibrin sheaths using percutaneous transluminal angioplasty balloons and late onset of central venous stenosis. *Cardiovascular and Interventional Radiology* 2011 Feb;34(1):114-9.
40. Li W, Niu B, Henderson K, Northrup V, **Pollak JS**, Trow T, Fahey J, White RI Jr. Reproducibility of oxygen saturation monitoring during six-minute walk test and exercise

stress test in patients with pulmonary arteriovenous malformations associated with hereditary hemorrhagic telangiectasia. *Pediatric Cardiology* 2011 Jun; 32(5):590-4.

41. Ayyagari RR, Yeh C, Arici M, Mojibian H, Reiner E, **Pollak JS**. Image-guided transvesicular drainage of pelvic fluid collections: a safe and effective alternative approach. *J Vasc Interv Radiol*. 2016 May;27(5):689-93.

Case reports, Technical Notes, Letters:

1. **Pollak JS**, Cooper SG, Denny DF Jr., Use of the balloon on a guidewire as an adjunct to conventional angioplasty. *AJR* 1990;155:887-888.
2. Cooper SG, Lewis J, **Pollak JS**, Denny DF Jr. Arteriovenous fistula as a complication of temporary pacemaker insertion: treatment with percutaneous embolization. *Catheterization and Cardiovascular Diagnosis* 1991;22:130-132.
3. St. George JK, **Pollak JS**. Acute gastrointestinal hemorrhage detected by selective scintigraphic angiography. *Journal of Nuclear Medicine* 1991;32:1601-1604.
4. **Pollak JS**, Bennick M, Denny DF Jr, Markowitz D. Chronic intestinal bleeding due to mesenteric vascular insufficiency. *American Journal of Roentgenology* 1991;157:1203-1204.
5. White RI Jr, **Pollak JS**. Pulmonary arteriovenous malformations: options for management [letter]. *Annals of Thoracic Surgery* 1994;57(2):519-21.
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