

BIOGRAPHICAL SKETCH

NAME		POSITION TITLE	
Spies, James B., MD, MPH		Professor of Radiology	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of California, Davis, CA	BS	1972-1975	Fermentation Sciences
Georgetown University School of Medicine, Washington, DC	MD	1976-1980	Medicine
Johns Hopkins School of Public Health Baltimore, MD	MPH	2006-2008	Epidemiology/ Biostatistics/ Clinical Trials

Summary

Dr. Spies is one of the most experienced researchers in the field of uterine artery embolization. He has been an active researcher in the field since 1997 and has 100 peer-reviewed publications of studies from this procedure. He was one of the principal investigators in the FIBROID Registry, a study of 3000 women, and he has also is the author of the UFS-QOL, the only fibroid specific symptom and quality of life questionnaire currently available and has led a multi-center study comparing the relative quality of life impact of hysterectomy myomectomy and hysterectomy. His group has defined a number of parameters associated with uterine embolization, including ovarian function after, fibroid infarction as a marker of success, relative success of embolic materials, hypercoagulability after treatment and the long-term outcome after treatment. He has served on the steering committees of a number of national studies, including the COMPARE-UF Trial and the PRESERVE Trial.

A. Positions and Honors.**Employment**

1985-1989 Attending and Chief, Interventional Radiology, Wilford Hall USAF Medical Center, Lackland AFB, TX

1997-2004 Vice Chair and Assoc. Professor, Dept. of Radiology, Georgetown University Hospital, Washington, DC

2002-Present Chief of Service, Department of Radiology, Georgetown University Hospital, Washington, DC

2003-Present Professor of Radiology, Georgetown University School of Medicine, Washington, DC

2005-Present Chairman, Department of Radiology, Georgetown University School of Medicine, Washington, DC

Honors

Alpha Omega Alpha, Georgetown University School of Medicine, 1980

Meritorious Service Award, United States Air Force, 1989

Fellow, Society of Interventional Radiology, American College of Radiology, AHA
Editor's Award for Distinguished Editorial Board Service, Journal of Vascular and interventional Radiology 2009
Distinguished Fellow, Cardiovascular and Interventional Radiology Society of Europe 2013
Honorary Fellow, British Society of Radiology 2013
Gold Medal, Society of Interventional Radiology 2019

B. Selected peer-reviewed publications (in chronological order).

1. **Spies JB**, Scialli, AR, Jha RC, Imaoka I, Ascher S, Fraga VM, Barth, KH. Initial results from uterine fibroid embolization for symptomatic leiomyomata. *J Vasc Interv Radiol* 1999;10:1149-1157.
2. **Spies JB**, Warren E, Mathias S, Walsh SM, Pentecost MJ. Measurement of health-related quality of life before and after uterine fibroid embolization for symptomatic leiomyomata. *J Vasc Interv Radiol* 1999;10:1293-1303.
3. **Spies JB**, Roth, AR, Gonsalves, SM, Murphy-Skrzyniarz, KM. Ovarian function after uterine artery embolization: assessment using serum follicle-stimulating hormone assay. *J Vasc Interv Radiol* 2001;12:437-442.
4. **Spies JB**, Ascher SA, Roth AR, Kim J, Levy EB, Gomez-Jorge J. Uterine Artery Embolization for Leiomyomata. *Obstetrics and Gynecology* 2001;98:29-34.
5. **Spies JB**, Benenati JF, Worthington-Kirsch, R, Pelage, JP. Initial U.S. Experience using tris-acryl gelatin microspheres for uterine artery embolization for leiomyomata. *J Vasc Interv Radiol* 2001;12:1059-1063.
6. **Spies JB**, Roth, AR, Jha RC, Gomez-Jorge J, Levy EB, Chang TC, Ascher SA. Uterine artery embolization for leiomyomata: factors associated with successful symptomatic and imaging outcome. *Radiology* 2002;222:45-52..
7. **Spies JB**, Coyne K, Guaou Guaou N, et al. The UFS-QOL, a new disease-specific symptom and health-related quality of life questionnaire for leiomyomata. *Obstet and Gynecol* 2002; 99:290-300. Banovac FB, Ascher SM, Jones DA, Black MD, Smith JC, **Spies JB**. MR Imaging outcome after Uterine Artery Embolization for Leiomyomata using Tris-Acryl Gelatin Microspheres. *J Vasc Interv Radiol*, 13:681-687.
8. **Spies JB**, Spector A, Roth AR, Baker CM., Mauro L, Murphy-Skrzyniarz, K, Complications after Uterine Artery Embolization for Leiomyomata. *Obstetrics and Gynecology* 2002;100:873-80.
9. Pelage JP, Guaou Guaou N, Jha RC, Ascher SM, **Spies JB**. Long-term imaging outcome after uterine embolization for fibroids. *Radiology* 2004;230:803-809.
10. **Spies JB**, Cooper JM, Worthington-Kirsch R, Lipman JC, Mills BB, Benenati JF. Outcome from uterine embolization and hysterectomy for leiomyomas: Results of a multi-center study. *American Journal of Obstetrics and Gynecology* 2004;191:22-31.
11. **Spies JB**, Allison S, Flick P, McCullough M, Sterbis K, Cramp M, Bruno J, Jha RC. Polyvinyl Alcohol Particles and Tris-acryl gelatin Microspheres for Uterine Artery Embolization for Leiomyomas: Results of a Randomized Comparative Study. *J Vasc Interv Radiol* 2004;15:793-800.
12. **Spies JB**, Bruno J, Czeyda-Pommersheim F, Magee ST, Ascher, SA, Jha RC. Long-Term Outcome of Uterine Artery Embolization of Leiomyomas, *Obstet Gynecol* 2005;106:933-9.
13. **Spies JB**, Allison S, Flick PF, Cramp M, Bruno J, Jha RC, Ascher SA. Spherical Polyvinyl Alcohol versus Tris-acryl Gelatin Microspheres for Uterine Artery Embolization for Leiomyomas: Results of a Limited Randomized Comparative Study. *J Vasc Interv Radiol* 2005;16:1431-1437.
14. **Spies JB**, Myers ER, Worthington-Kirsch, R, Mulgund J, Goodwin S, Mauro M. The FIBROID Registry: Symptom and Quality of Life status one year after therapy. *Obstet Gynecol* 2005;106:1309-18.

15. **Spies JB**, Cornell C, Worthington-Kirsch R, Lipman JC, Benenati JF. Long-term outcome from uterine fibroid embolization with tris-acryl gelatin microspheres: Results of a multicenter study. *J Vasc Interv Radiol* 2007;18:203-207.
16. Dembek CJ, Pelletier EM, Isaacson KB, **Spies JB**. Payer costs in patients undergoing uterine artery embolization, hysterectomy, or myomectomy for treatment of uterine fibroids. *J Vasc Interv Radiol* 2007;18:1207-1213.
17. Goodwin SC, **Spies JB**, Worthington-Kirsch R, Peterson E, Pron G, Li S, Myers ER. Uterine artery embolization for treatment of leiomyomata: Long-term outcomes from the FIBROID Registry. *Obstet Gynecol* 2008;11:22-33.
18. Coyne KS, Margolis MK, Bradley LD, Guido R, Maxwell GL, **Spies JB**. Further validation of the uterine fibroid symptom and quality-of-life questionnaire. *Value in Health* 2012;15:135-142.
19. Shveiky D, Iglesia C, Antosh DD, Kudish BI, Peterson J, Huang, CC, **Spies JB**. The effect of uterine artery embolization on lower urinary tract symptoms. *Int Urogynecol J* 2013;24:1341-5..
20. Kaump G, **Spies J** The impact of uterine fibroid embolization on ovarian function. *JVIR* 2013;24:459-67.
21. Lacayo EA, Khera SS, **Spies JB**. Impact of patient and procedure-related factors on radiation exposure from uterine artery embolization. *Cardiovasc Intervent Radiol* 2020;43:120-126. (PMID31511962).
22. Gillespie DL, **Spies JB**, Siami FS, Rectenwald JE, White RA, Johnson MS. Predicting the safety and effectiveness of inferior vena cava filters study: Design of a unique safety and effectiveness study of inferior vena cava filters in clinical practice. *J Vasc Surg Venous Lymphat Disord.* 2020;8:187-194. (PMID 31636051).
23. Laughlin-Tommaso, SK, Lu D, Thomas L, Diamond MP, Wallace K, Wegienka G, Vines AI, Anchan RM, Wang T, Maxwell GL, Jacoby V, March EE, **Spies JB**, Nicholson WK, Stewart EA, Myers EV. Short-term quality of life after myomectomy for uterine fibroids from the COMPARE-UF Fibroid Registry. *Am J Obstet Gynecol* 2020;222:345e1-345e22. (PMID 31678093).
24. Coffin PH, Ascher S, **Spies J.**, et al. *J Comput Assist Tomogr.* The risk of uterine malignancy in a population being evaluated for uterine fibroid embolization. 2020 Nov/Dec;44(6):893-900. *Comput Assist Tomogr.* 2020. PMID: 33196598.
25. Wegienka G, Stewart EA, Nicholson WK, Zhang S, Li F, Thomas L, **Spies JB**, Venable S, Laughlin-Tommaso S, Diamond MP, Anchan RM, Maxwell GL, Marsh EE, Myers ER, Vines AI, Wise LA, Wallace K, Jacoby VL. Wegienka G, et al. Black Women are more likely than white women to schedule a uterine-sparing treatment for leiomyomas. *J Womens Health (Larchmt).* 2021 Mar;30(3):355-366. Epub 2021 Feb 1. PMID: 33524308.

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