

# ***MARY ELIZABETH JENSEN, M.D.***

## **PERSONAL INFORMATION**

Date of Birth: June 18, 1957

Place of Birth: Washington, D.C.

Citizenship: United States of America

Marital Status: Married

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## **LICENSURE AND CERTIFICATION**

California Board of Medicine, 1989

American Board of Radiology, 1987

Virginia Board of Medicine, 1983

Diplomate, National Board of Medical Examiners, 1982

## **EDUCATION**

Degree: Medical College of Virginia, Richmond, VA, 07/1978-06/1982, M.D.

Degree: Virginia Polytechnic Institute and State University, Blacksburg, VA, 09/1975-06/1978, B.S. Biochemistry, Cum Laude (graduated 06/1979 after completion of one year of medical school)

### **MILITARY EXPERIENCE**

Lieutenant Colonel, Medical Corps, Virginia Air National Guard, 1992-1996  
Major, Medical Corps, Virginia Air National Guard, 1988-1992  
Flight Surgeon Aeronautical Rating, April, 1989  
Captain, Medical Corps, Virginia Air National Guard, 1984-1988  
2nd Lieutenant, Medical Services Corps, Virginia Air National Guard, 1982-1984

### **POSTDOCTORAL TRAINING**

Fellowship: 7/1/1989-6/30/1990          UCLA  
Interventional Neuroradiology, Los Angeles, CA

Fellowship: 7/1/1987-6/30/1989          Medical College of Virginia  
Diagnostic Neuroradiology, Richmond, VA

Residency: 7/1/1984-6/30/1987          Medical College of Virginia  
Diagnostic Radiology, Richmond, VA

Residency: 7/1/1983-6/30/1984          Medical College of Virginia  
Neurology, Richmond, VA

Internship: 7/1/1982-6/30/1983          Medical College of Virginia  
Neurology, Richmond, VA

### **ACADEMIC/CLINICAL APPOINTMENTS**

6/30/1998-6/30/2019          Director, Interventional Neuroradiology  
Department of Radiology  
University of Virginia

7/1/17-6/30/19                  Vice Chair of Finance  
Department of Radiology  
University of Virginia

10/01/15-6/30/19	Medical Director Bon Secours/UVA Neurointerventional Surgery Bon Secours St. Mary's Hospital Richmond, VA
11/01/09-7/1/17	Vice Chair for Operations Department of Radiology University of Virginia
2/1/2009-11/01/09	Interim Section Chief Diagnostic Neuroradiology Department of Radiology University of Virginia
6/30/2001-present	Professor University of Virginia Departments of Radiology and Neurosurgery
7/1/2000-6/30/2001	Associate Professor without term
7/1/1997-6/30/2001	Associate Professor University of Virginia Departments of Radiology and Neurosurgery Charlottesville, VA
9/1/1991-6/30/1997	Assistant Professor University of Virginia Departments of Radiology and Neurosurgery Charlottesville, VA
7/1/1991-6/30/2011	Clinical Assistant Professor Medical College of Virginia Department of Radiology Richmond, VA
7/1/1990-8/31/1991	Assistant Professor Medical College of Virginia Department of Radiology Richmond, VA

7/1/1989-6/30/1990            Clinical Instructor  
UCLA School of Medicine  
Department of Radiology  
Los Angeles, CA

7/1/1988-6/30/1989            Instructor, Neuroradiology  
Medical College of Virginia  
Department of Radiology  
Richmond, VA

### **MEMBERSHIP- SCIENTIFIC, HONORARY, AND PROFESSIONAL SOCIETIES**

1. American Society of Neuroradiology--Senior Member
2. Society of NeuroInterventional Surgery (formerly American Society of Interventional and Therapeutic Neuroradiology)--Senior Member
3. World Federation of Interventional and Therapeutic Neuroradiology--Senior Member
4. American Society of Head and Neck Radiology--Senior Member
5. Southeastern Neuroradiology Society
6. Radiological Society of North America
7. American College of Radiology

### **SPECIAL AWARDS, FELLOWSHIPS, AND OTHER HONORS**

1. Phi Kappa Phi National Honor Society - 1978
2. Recipient of James P. Gunter Memorial Award to the Outstanding Junior Officer in the Virginia Air National Guard - 1988
3. Distinguished Graduate, Aerospace Medicine Primary Course, USAF School of Aerospace Medicine - 1989
4. Dean's Award for Clinical Excellence, University of Virginia School of Medicine, 1996
5. Society of Neurointerventional Surgery (SNIS) Fellowship, 2018
6. American College of Radiology (ACR) Fellowship, 2019

### **PEER-REVIEWED JOURNALS**

1. **Jensen ME**, Lipper MH: CT in iatrogenic cerebral air embolism. AJNR 7:823-827, 1986.

2. **Jensen ME**, Gulati AN, Laine FJ: General Case of the Day: Neurosarcooidosis. *Radiographics* 8:578-584, 1988.
3. **Jensen ME**, Hayes CW, DeBlois GG, Laine FJ: Hemispherical spondylosclerosis: MR appearance. *JCAT* 13:540-542, 1989.
4. Schwartz AM, **Jensen ME**, Saks DA, Ghatak NR: Epithelial cyst in the cerebellopontine angle with xanthogranulomatous changes simulating cholesterol granuloma. *Surgical Neurology* 31:454-458, 1989.
5. Hayes CW, **Jensen ME**, Conway WF: Non-neoplastic lesions of vertebral bodies: findings in magnetic resonance imaging. *Radiographics* 9:883-903, 1989.
6. Rizzo WB, Leshner RT, Odene A, Dammann AL, Craft DA, **Jensen ME**, Jennings SS, Davis S, Jaitly R, Sgro JA: Dietary euristic acid therapy for X-linked adrenoleukodystrophy. *Neurology* 1989, 39:1415-1422.
7. **Jensen ME**, Sawyer RW, Braun IF, Rizzo WB: MR imaging appearance Of childhood adrenoleukodystrophy with auditory, visual and motor pathway involvement. *Radiographics* 10:53-66,1990.
8. Laine FJ, Braun IF, **Jensen ME**, Nadel L, Som PM: Perineural tumor extension through the foramen ovale: evaluation with MRI. *Radiology* 174:65-71, 1990.
9. Nadel L, Braun IF, Kraft KA, **Jensen ME**, Laine FJ: MRI of intracranial sinovenous thrombosis: the role of phase imaging. *Magnetic Resonance Imaging*, Vol 8, pp. 315-320, 1990.
10. Baldwin NG, Sahni KS, **Jensen ME**, Pieper DR, Anderson RL, Young HF: Association of vascular compression in trigeminal neuralgia versus other "facial pain syndromes" by magnetic resonance imaging. *Surgical Neurology* 36:447-452, 1991.
11. Abramowitz J, Dion JE, **Jensen ME**, Lones M, Duckwiler GR, Viñuela F, Bentson JR: Angiographic diagnosis and management of head and neck schwannomas. *AJNR* 12:977-984, 1991; *AJR* 157:1309-1316, 1991.
12. Rauch RA, Viñuela F, Dion JE, Duckwiler G, Amos EC, Jordan SE, Martin N, **Jensen ME**, Bentson J, Thibault L: Pre-embolization functional evaluation in brain arteriovenous malformations: the superselective amytal test. *AJNR* 13:303-308, 1992.

13. Rauch RA, Viñuela F, Dion JE, Duckwiler G, Amos EC, Jordan SE, Martin N, **Jensen ME**, Bentson J: Pre-embolization functional evaluation in brain arteriovenous malformations: the ability of superselective amytal test to predict neurologic dysfunction before embolization. *AJNR* 13:309-314, 1992.
14. Lanzino G, **Jensen ME**, Cappelletto B, Kassell NF: Arteriovenous malformations that rupture during pregnancy: a management dilemma. *Acta Neurochirurgica* 126:102-106, 1994.
15. Lanzino G, **Jensen ME**, Kongable GL, Kassell NF: Angiographic characteristics of dural arteriovenous malformations that present with intracranial hemorrhage. *Acta Neurochirurgica* 129:140-145, 1994.
16. Mathis JM, DeNardo AJ, **Jensen ME**, Scott J, Dion JE: Transient neurological events associated with intra-arterial papaverine infusion for subarachnoid hemorrhage-induced vasospasm. *AJNR* 15:1671-1674, 1994.
17. Mathis JM, DeNardo AJ, Thibault L, **Jensen ME**, Savory J, Dion JE: In vitro evaluation of papaverine hydrochloride incompatibilities: a simulation of intra-arterial infusion for cerebral vasospasm. *AJNR* 15:1665-1670, 1994.
18. Mathis JM, DeNardo AJ, **Jensen ME**, Lin KY, Dion JE: Arteriovenous fistula of the scalp after hair transplant treated by endovascular embolization. *Ann P Sur* 33:633-637, 1994.
19. Hendrix LE, Dion JE, **Jensen ME**, Phillips CD, Newman SA: Papaverine associated mydriasis. *AJNR* 15:716-718, 1994.
20. Larner JM, Phillips CD, Dion JE, **Jensen ME**, Newman SA, Jane JA: A phase 1-2 trial of superselective carboplatinum, low dose infusional 5-FU and concurrent radiation for high grade gliomas. *Am J Clin Oncol* 18:1-7, 1995.
21. Polin RS, Shaffrey ME, **Jensen ME**, Braden L, Ferguson RDG, Dion JE, Kassell NF: Medical management in the endovascular treatment of carotid-cavernous aneurysms. *JNS* 84: 755-761, 1996.
22. Evans AJ, **Jensen ME**, Mathis JM, Dion JE. The Guglielmi detachable coil in the treatment of arteriovenous fistulae. *Interventional*

Neuroradiology 2:201-207, 1996.

23. Evans AJ, Kallmes DF, **Jensen ME**, Dion JE. The marginal sinus: normal anatomy and involvement with arteriovenous fistulae. *Interventional Neuroradiology* 2:215-221,1996.
24. Lanzino G, Fergis A, **Jensen ME**, Kassell NF. Regrowth of parenchymal AVMs [letter]. *JNS* 85(6):1196-7, 1996.
25. Lanzino G, **Jensen ME**, Fergis A, Kongable G, Kassell NF. Long-term outcome after surgical excision of parenchymal arteriovenous malformation in patients over 60 years. *Surg Neurol* 47(3):258-263,1997.
26. Kallmes DF, **Jensen ME**, Dion JE. Infusing doubt into the efficacy of papaverine infusion for cerebral vasospasm [commentary]. *AJNR* 18:263-264, 1997.
27. Kallmes DF, **Jensen ME**, Cloft HJ, Kassell NF, Dion JE. Percutaneous transvenous coil embolization of a Djindjian Type 4 tentorial dural arteriovenous malformation. *AJNR* 18:673-676, 1997.
28. Mathis JM, Evans AJ, DeNardo AJ, Kennett K, Crandall JR, **Jensen ME**, Dion JE. Hydrophilic coatings diminish glue to catheter adhesion: an in-vitro simulation. *AJNR* 18:1087-1091, 1997.
29. Mathis JM, **Jensen ME**, Dion JE. Technical considerations on intra-arterial papaverine hydrochloride for cerebral vasospasm [review]. *Neuroradiology* 39:90-8, 1997.
30. **Jensen ME**, Evans AJ, Mathis JM, Kallmes DF, Cloft HJ, Dion JE. Percutaneous polymethylmethacrylate vertebroplasty in the treatment of osteoporotic vertebral body compression fractures: technical aspects. *AJNR* 18:1897-1904, 1997.
31. Kallmes DF, Evans AJ, Kaptain GJ, Mathis JM, **Jensen ME**, Jane JA, Dion JE. Hemorrhagic complications in meningioma embolization: case report and review of the literature [review]. *Neuroradiology* 1997;39:877-880.
32. Kallmes DF, McGraw JK, Evans AJ, Mathis JM, Hergenrother RW, **Jensen ME**, Cloft HJ, Lopes M, Dion JE. Thrombogenicity of hydrophilic and nonhydrophilic micro- and guiding catheters: short-and medium-term in vivo implantation in a swine model. *AJNR* 18:1243-1251, 1997.

33. Kallmes DF, Kallmes MH, Lanzino G, Kassell NF, **Jensen ME**, Helm GA: Routine angiography after surgery for ruptured intracranial aneurysms: a cost versus benefit analysis. *Neurosurgery* 41:629-639,1997.
34. Cloft HJ, Kallmes DF, **Jensen ME**, Dion JE. Percutaneous transvenous coil embolization of a Type 4 sagittal sinus dural arteriovenous fistula. *Neurosurgery* 41:1191-1193, 1997.
35. Cloft HJ, Kallmes DF, Lanzino G, **Jensen ME**: Bilateral thalamic infarcts complicating basilar tip aneurysm coil embolization: a result of unilateral perforating artery occlusion. *Interventional Neuroradiology* 3:325-328, 1997.
36. Kallmes DF, Borland MK, Cloft HJ, Altes TA, Dion JE, **Jensen ME**, Hankins GR, Helm GA. In vitro proliferation and adhesion of basic fibroblast growth factor-producing NIH 3T3 cells onto platinum coils. *Radiology* 206:237-243, 1998.
37. Cloft HJ, Kallmes DF, Kallmes M, Goldstein J, **Jensen ME**, Dion JE. Prevalence of cerebral aneurysm in fibromuscular dysplasia: a reassessment. *JNS* 88:436-440, 1998.
38. Kallmes DF, Hankins GR, Borland MK, Cloft HJ, **Jensen ME**, Dion JE, Helm GA. Transforming growth factor-beta binds reversibly in vitro to Guglielmi Detachable Coils. *Interventional Neuroradiology* 4:21-26,1998.
39. Kallmes DF, Cloft HJ, **Jensen ME**, Kaptain GJ, Dion JE, Matsumoto JA. Dural arteriovenous fistulae: a new pitfall of time-of-flight MRV for the diagnosis of sinus thrombosis. *Neuroradiology* 40(4):242-4, 1998.
40. **Jensen ME**, Kallmes DF. The current status of endovascular stroke therapy [review]. *Virginia Medical Quarterly* 125(2):133-137, 1998.
41. Kallmes DF, McGraw JK, Evans AJ, Cloft HJ, Mathis JM, Hergenrother R, **Jensen ME**, Dion JE. Effects of systemic heparinization on the thrombogenicity of hydrophilic and nonhydrophilic catheters in a swine model. *Neuroradiology* 40:530-535, 1998.
42. Cloft HJ, **Jensen ME**, Kallmes DF. Elective stenting of the extracranial carotid arteries. *Academic Radiology* 5:578-582, 1998.
43. Smith JJ, **Jensen ME**, Dion JE. FDA medical device regulation and informed consent. *AJNR* 19:1815-1817,1998.



44. Cheramie HS, Pleasant RS, Robertson JL, Mol HD, Carrig CB, Freeman DE, **Jensen ME**. Evaluation of a technique to occlude the internal carotid artery of horses. *Veterinary Surgery* 28:83-90, 1999.
45. Kallmes DF, Altes TA, Vincent DA, Cloft HJ, Do HM, **Jensen ME**: Experimental side-wall aneurysms: an natural history study. *Neuroradiology* 41:338-341, 1999.
46. Cloft HJ, Kallmes DF, **Jensen ME**, Lanzino G, Dion JE. Endovascular treatment of ruptured, peripheral aneurysms: parent artery occlusion with short Guglielmi detachable coils. *AJNR* 20:308-310, 1999.
47. Cloft HJ, Easton D, **Jensen ME**, Kallmes DF, Dion JE. Methylmethacrylate vapor exposure to medical staff during percutaneous vertebroplasty. *AJNR* 20: 352-353, 1999.
48. Do HM, **Jensen ME**, Cloft HJ, Kallmes DF, Dion JE. Dural arteriovenous fistula of the cervical spine presenting with subarachnoid hemorrhage. *AJNR* 20: 348-350, 1999.
49. Cloft HJ, **Jensen ME**, Do HM, Kallmes DF. Spinal cord infarction complicating embolisation of vertebral metastasis. *Interventional Neuroradiology* 5:61-65, 1999.
50. Do HM, **Jensen ME**, Cloft HJ, Kallmes DF. Percutaneous vertebroplasty in the treatment of patients with vertebral osteonecrosis (Kummell's disease). *Neurosurg Focus*. 1999 Jul15;7(1):e2.
51. Cloft HJ, Kallmes DF, Snider R, **Jensen ME**: Idiopathic supraclinoid and internal carotid bifurcation steno-occlusive disease in young American adults. *Neuroradiology* 41:772-6, 1999.
52. Cloft HJ, Altes TA, Marx WF, Raible RJ, Hudson SB, Helm GA, Mandell JW, **Jensen ME**, Dion JE, Kallmes DF. Endovascular creation of in vivo bifurcation aneurysm model in rabbits. *Radiology* 213:223-228, 1999.
53. Hood RJ, Reibel JF, **Jensen ME**, Levine PA: Schwannoma of the cervical sympathetic chain. The Virginia experience. *Annals of Otolaryngology & Laryngology* 109:48-51, 2000.
54. Kallmes DF, Marx WF, **Jensen ME**, Cloft HJ, Do HM, Lanzino G, West K, Dion JE. Adjuvant use of epsilon-aminocaproic acid (Amicar) in the endovascular treatment of cranial arteriovenous fistulae. *Neuroradiology* 42:302-8, 2000.
55. Cloft HJ, Kallmes DF, Lin HB, Li ST, Marx WF, Hudson SB, Helm GA, Lopes MB, McGraw JK, Dion JE, **Jensen ME**. Bovine type I collagen as an endovascular stent-graft material: biocompatibility study in rabbits. *Radiology* 214:557-62,

2000.

56. Cloft HJ, **Jensen ME**, Kallmes DF, Dion JE. Arterial dissections complicating cerebral angiography and cerebrovascular interventions. *AJNR Am J Neuroradiol* 21:541-5, 2000.
57. Jaitly R, Dhaduk N, **Jensen ME**, Naeem M, Kapur J. Primary cerebral mucormycosis: a case report and literature review. *The Neurologist* 6:232-237,2000.
58. **Jensen ME**, Dion JE. Percutaneous vertebroplasty in the treatment of osteoporotic compression fractures. *Neuroimaging Clinics of North America* 10:547-568, 2000.
59. Maynard AS, **Jensen ME**, Schweickeret PA, Marx WF, Short JG, Kallmes DF. Value of bone scan imaging in predicting pain relief from percutaneous vertebroplasty in osteoporotic vertebral fractures. *AJNR Am J Neuroradiol* 21:1807-12, 2000.
60. Razack N, Goldstein J, **Jensen ME**: Evaluation of the patient with epistaxis. *Applied Radiology* 30:18-21, 2001.
61. Kaufmann TJ, **Jensen ME**, Schweickert PA, Marx WF, Kallmes DF: Age of fracture and clinical outcomes of percutaneous vertebroplasty. *AJNR Am J Neuroradiol* 22:1860-3, 2001.
62. Woodcock RJ Jr, Short JG, Do HM, **Jensen ME**, Kallmes DF: Imaging of acute subarachnoid hemorrhage with a fluid-attenuated inversion recovery sequence in an animal model: comparison with non-contrast enhanced CT. *AJNR Am J Neuroradiol* 22:1698-703, 2001.
63. Marx WF, Cloft HJ, Helm GA, Short JG, Do HM, **Jensen ME**, Kallmes DF: Endovascular treatment of experimental aneurysms by use of biologically modified embolic devices: coil-mediated intraaneurysmal delivery of fibroblast tissue allografts. *AJNR Am J Neuroradiol* 22:323-33, 2001.
64. Do HM, Marx WF, Khanam H, **Jensen ME**: Choroid plexus papilloma of the third ventricle: angiography, preoperative embolization and histology. *Neuroradiology* 43:503-6, 2001.
65. Kim AK, **Jensen ME**, Dion JE, Schweickert PA, Kauffman TJ, Kallmes DF. Unilateral transpedicular percutaneous vertebroplasty: initial experience. *Radiology* 222:737-41, 2002.
66. Gaughen JR Jr, **Jensen ME**, Schweickert PA, Kaufmann TJ, Marx WF, Kallmes DF. Relevance of antecedent venography in percutaneous vertebroplasty for

- the treatment of osteoporotic compression fractures. *AJNR Am J Neuroradiol* 23:594-600, 2002.
67. Kaufmann TJ, **Jensen ME**, Ford G, Gill LL, Marx WF, Kallmes DF. Cardiovascular effects of polymethylmethacrylate use in percutaneous vertebroplasty. *AJNR Am J Neuroradiol* 23:601-4, 2002.
  68. Kallmes DF, Schweickert PA, Marx WF, **Jensen ME**. Vertebroplasty in the mid- and upper thoracic spine. *AJNR Am J Neuroradiol* 2:77-83, 2002.
  69. Workman JH, Cloft HJ, Tong FC, Dion JE, **Jensen ME**, Marx WF, Kallmes DF. Thrombus formation at the neck of cerebral aneurysms during treatment with Guglielmi detachable coils. *AJNR Am J Neuroradiol* 23:1568-76, 2002.
  70. Gaughen JR Jr, **Jensen ME**, Schweickert PA, Marx WF, Kallmes DF. The therapeutic benefit of repeat percutaneous vertebroplasty at previously treated vertebral levels. *AJNR Am J Neuroradiol* 23:1568-76, 2002.
  71. Gaughen JR Jr, **Jensen ME**, Schweickert PA, Kaufmann TJ, Marx WF, Kallmes DF. Lack of preoperative spinous process tenderness does not affect clinical success of percutaneous vertebroplasty. *J Vasc Interv Radiol* 13:1135-8, 2002.
  72. Evans AJ, **Jensen ME**, Kip KE, DeNardo AH, Lawler GJ, Negin GA, Remley KB, Boutin SM, Dunnagan SA. Vertebral compression fractures: pain reduction and improvement in function mobility after percutaneous polymethylmethacrylate vertebroplasty: retrospective report of 245 cases. *Radiology* 226:366-72, 2003.
  73. Kallmes DF, O E, Roy SS, Piccolo RG, Marx WF, Lee JK, **Jensen ME**. Radiation dose to the operator during vertebroplasty: prospective comparison of the use of 1-cc syringes versus an injection device. *AJNR Am J Neuroradiol* 2003 Jun-Jul;24(6):1257-60.
  74. **Jensen ME**, Kallmes DF. Does filling the crack break more of the back? *AJNR Am J Neuroradiol*, 2004 Feb; 25(2):166-7. [Editorial]
  75. Hagspiel KD, Komorowski DJ, Shih MC, Peeler BB, **Jensen ME**. Treatment of carotid arteriovenous fistula with balloon-expandable tracheobronchial covered stent. *J Vasc Interv Radiol*, 2006 Mar; 17(3):585-6.
  76. Pouratian N, Oskouian RJ Jr, **Jensen ME**, Kassell NF, Dumont AS. Endovascular management of unruptured intracranial aneurysms. *J Neurol Neurosurg Psychiatry*, 2006 May; 77(5):572-8.
  77. Cloft HJ, **Jensen ME**. Kyphoplasty: an assessment of a new technology. *AJNR Am J Neuroradiol* 2007 Feb;28(2):200-3.

78. Hamilton DK, Kassell NF, **Jensen ME**, Dumont AS. Subarachnoid hemorrhage and diffuse vasculopathy in an adult infected with HIV. Case report. *J Neurosurg* Mar 2007;106(3):478-80.
79. Boulos PT, Kassell NF, Razack N, Sansur CA, **Jensen ME**, Dumont AS. Aneurysm-venous fistula formation following coil embolization of a basilar bifurcation aneurysm. Case illustration. *J Neurosurg* 2007 Mar;106(3):515.
80. **Jensen ME**, McGraw JK, Cardella JF, Hirsch JA. Position statement on percutaneous vertebral augmentation: a consensus statement developed by the American Society of Interventional and Therapeutic Neuroradiology Society of Interventional Radiology; American Association of Neurological Surgeons/Congress of Neurological Surgeons; and American Society of Spine Radiology. *J Vasc Interv Radiol* 2007 Mar;18(3):325-30.
81. White JB, Layton KF, Evans AJ, Tong FC, **Jensen ME**, Kallmes DF, Dion JE, Cloft HJ. Transorbital puncture for the treatment of cavernous sinus dural arteriovenous fistulas. *AJNR Am J Neuroradiol* 2007 Aug;28(7):1415-7.
82. **Jensen ME**, McGraw JK, Cardella JF, Hirsch JA: American Society Interventional and Therapeutic Neuroradiology; Society of Interventional Radiology; American Association of Neurological Surgeons/Congress of Neurological Surgeons; and American Society of Spine Radiology. Position statement on percutaneous vertebral augmentation: a consensus statement developed by the American Society of Interventional and Therapeutic Neuroradiology; Society of Interventional Radiology; American Association of Neurological Surgeons/Congress of Neurological Surgeons; and American Society of Spine Radiology. *AJNR Am J Neuroradiol* 2007 Sept;28(8):1439-43.
83. Dumont AJ, Evans AJ, **Jensen ME**. Hemorrhagic complications associated with stent-assisted coil embolization. *J Neurosurg* 2008 Jun;108(6):1119-21.
84. Nambiar AP, Bozlar U, Angle JF, **Jensen ME**, Hagspiel KD. Initial clinical experience with biopolymer-coated detachable coils (HydroCoil) in peripheral embolization procedures. *J Vasc Interv Radiol* 2008 Jul; 19(7)995-1001.
85. Crowley RW, Evans AJ, **Jensen ME**, Kassell NF, Dumont AS. Combined surgical/endovascular treatment of a complex dural arteriovenous fistula in a 21 month old. Technical note. *J Neurosurg Pediatr* 2009 Jun; 3(6) 501-506.
86. Crowley RW, Evans AJ, Kassell NF, **Jensen ME**, Dumont AS. Endovascular treatment of a fusiform basilar artery aneurysm using multiple "in-stent stents." Technical note. *J Neurosurg Pediatr* 2009 Jun;3(6) 496-500.
87. Hirsh JA, Meyers, PM, **Jensen ME**. P.S. Augmentation. *J Neurointerv Surg*

2009;1(2):179-180.

88. Gaughen JR Jr, Hasan D, Dumont AS, **Jensen ME**, McKenzie J, Evans AJ. The efficacy of endovascular stenting in the treatment of supraclinoid internal carotid artery blister aneurysms using a stent-in-stent technique. *AJNR Am J Neuroradiol* 2010;31 (6):1132-8.
89. Writing Group for the American Academy of Neurology; AANS/CNS Cerebrovascular Section; Society of NeuroInterventional Surgery; Society of Vascular & Interventional Neurology, Meyers PM, Schumacher HC, Alexander MJ, Derdeyn CP, Furlan AJ, Higashida RT, Moran CJ, Tarr RW, Heck DV, Hirsch JA, **Jensen ME**, Linfante I, McDougall CG, Nesbit GM, Rasmussen PA, Tomsick TA, Wechsler LR, Wilson JR, Zaidat OO. Performance and training standards for endovascular ischemic stroke treatment. *AJNR Am J Neuroradiol* 2010; 31(1):E8-11.
90. Writing Group for the American Academy of Neurology; AANS/CNS Cerebrovascular Section; Society of NeuroInterventional Surgery; Society of Vascular & Interventional Neurology, Meyers PM, Schumacher HC, Alexander MJ, Derdeyn CP, Furlan AJ, Higashida RT, Moran CJ, Tarr RW, Heck DV, Hirsch JA, **Jensen ME**, Linfante I, McDougall CG, Nesbit GM, Rasmussen PA, Tomsick TA, Wechsler LR, Wilson JR, Zaidat OO. Performance and training standards for endovascular ischemic stroke treatment. *J Neurosurg* 2010; 113(1):149-52.
91. Writing Group for the American Academy of Neurology; AANS/CNS Cerebrovascular Section; Society of NeuroInterventional Surgery; Society of Vascular & Interventional Neurology, Meyers PM, Schumacher HC, Alexander MJ, Derdeyn CP, Furlan AJ, Higashida RT, Moran CJ, Tarr RW, Heck DV, Hirsch JA, **Jensen ME**, Linfante I, McDougall CG, Nesbit GM, Rasmussen PA, Tomsick TA, Wechsler LR, Wilson JR, Zaidat OO. Performance and training standards for endovascular ischemic stroke treatment. *J Stroke Cerebrovasc Dis* 2009; 18(6):411-5.
92. Gaughen JR Jr, Raghavan P, **Jensen ME**, Hasan D, Pfeffer AN, Evans AJ. Utility of CT angiography in the identification and characterization of supraclinoid internal carotid artery blister aneurysms. *AJNR Am J Neuroradiol* 2010; 31(4):640-4.
93. Schiff D, **Jensen ME**. Kyphoplasty in cancer: an encouraging step. *Lancet Oncol* 2011; 12(3):202-3. [Commentary]
94. Alberts MJ, Latchaw RE, Jagoda A, Weschler L, Crocco T, George MG, Connolly ES, Mancini B, Prudhomme S, Gress D, **Jensen ME**, Bass R, Ruff R, Foell K, Armonda, RA, Emr M, Warren M, Baranski J, Walker MD; Brain Attack Coalition. Revised and updated recommendations for the establishment of primary stroke centers: a summary statement from the Brain Attack Coalition. *Stroke*

2011;42(9):2651-65.

95. Le TM, Gaughen JR, **Jensen ME**, Evans AJ. Symptomatic Wingspan stent stenosis and occlusion: stent-in-stent rescue. *J Neurointerv Surg* 2010;2(4):348-50.
96. Schweickert PA, Rutledge CM, Cattell-Gordon DC, Solenski NJ, **Jensen ME**, Branson S, Gaughen JR. Telehealth stroke education for rural elderly Virginians. *Telemed J E Health* 2011;17(10):784-8.
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- study in rabbits. RSNA annual meeting, Chicago, IL, 30 Nov-5 Dec 1997.
70. Marx WF, Kallmes DF, Cloft HJ, **Jensen ME**, Evans AJ, Dion JE. Adjuvant use of e-aminocaproic acid, or Amicar, in the endovascular approach to cranial arteriovenous fistulae. RSNA annual meeting, Chicago, IL, 30 Nov-5 Dec 1997.
  71. **Jensen ME**, Evans AJ, Mathis JM, Kallmes DF, Cloft HJ, Dion JE. Percutaneous vertebroplasty in the treatment of osteoporotic compression fractures: technical aspects and long-term outcome. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves annual meeting, Rancho Mirage, CA, 11-14 Feb 1998.
  72. Do HM, **Jensen ME**, Cloft HJ, Kallmes DF, Dion JE. Percutaneous vertebroplasty for osteoporotic vertebral compression fractures in steroid dependent patients. American Society of Neuroradiology annual meeting, Philadelphia, PA, 18-22 May 1998.
  73. **Jensen ME**, Kallmes DF, Do HM, Marx WF, Goldstein JH. Angiographic misadventures: what to do and when. SENRS annual meeting, Naples, FL, 21-25 Oct 98.
  74. **Jensen ME**, Kallmes DF, Do HM, Goldstein JH, Marx WF. Endovascular treatment of head and neck vascular malformations. SENRS annual meeting, Naples, FL, 21-25 Oct 98.
  75. Do HM, Kallmes DF, Dion JE, Cloft HJ, **Jensen ME**. Percutaneous vertebroplasty in Kummell's disease. World Federation of Interventional and Therapeutic Neuroradiology. Val D'Isere, France, January 1999.
  76. Woodcock RJ, Marx WF, Do HM, Goldstein JH, **Jensen ME**, Kallmes DF. FLAIR MR imaging sequence in the evaluation of acute subarachnoid hemorrhage: comparison with CT in an experimental model. ASNR annual meeting, San Diego, CA, 24-28 May 99.
  77. **Jensen ME**. Six years experience with percutaneous vertebroplasty. SENRS annual meeting, Asheville, NC, 13-17 Oct 99.
  78. **Jensen ME**. Current status of acute stroke intervention. SENRS annual meeting, Asheville, NC, 13-17 Oct 99.
  79. **Jensen ME**, Kallmes DF, Schweickert PA, Marx WF, Short JG. Percutaneous vertebroplasty does not increase the risk of adjacent fractures. ASNR annual meeting, Atlanta, GA, 1-7 Apr 2000.

80. Marx WF, Cloft HJ, Helm GA, Short JG, Do HM, **Jensen ME**, Kallmes DF. Endovascular treatment of experimental aneurysms—coil-mediated intra-aneurysmal delivery of fibroblast tissue allografts. ASNR annual meeting, Atlanta, GA, 1-7 Apr 2000.
81. Short JG, Marx WF, **Jensen ME**, Kallmes DF. Reliability of contrast-enhanced MR angiography for predicting internal carotid artery occlusion. ASNR annual meeting, Atlanta, GA, 1-7 Apr 2000.
82. Kim AK, **Jensen ME**, Dion JE, Kallmes DF. Modified transpedicular approach for percutaneous vertebroplasty: holovertebral body filling using a single injection. RSNA annual meeting, Chicago, IL, 26 Nov-1 Dec 2000.
83. Sarzier JS, Evans AJ, **Jensen ME**. Pain reduction and improvement in functional mobility by the use of percutaneous PMMA vertebroplasty for the treatment of vertebral compression fractures: retrospective report of 225 cases. AANS annual meeting, Toronto, Ontario, CA, 25 April 2001.
84. Kallmes DF, Schweickert PA, Maynard AS, Marx WF, **Jensen ME**. Predictive value of bone scan imaging in guiding vertebroplasty treatments in patients with non-localizing pain patterns. ASNR annual meeting, Boston, MA, 23-27 Apr 2001.
85. Kallmes DF, Schweickert PA, Marx WF, **Jensen ME**. Mid and upper thoracic vertebroplasty: technique, outcomes, and complications. ASNR annual meeting, Boston, MA, 23-27 Apr 2001.
86. Patel GDM, Schweickert PA, **Jensen ME**, Marx WF, Kallmes DF. Clinical significance of endplate extravasation: during percutaneous vertebroplasty. ASNR annual meeting, Boston, MA, 23-27 Apr 2001.
87. Marx WF, Short JG, Kallmes DF, Schweickert P, Dion JE, **Jensen ME**. Long-term plain film follow-up of patients treated with percutaneous vertebroplasty: evaluation for changes in degree of vertebral compression, vertebral kyphosis, and cement morphology. ASNR annual meeting, Boston, MA, 23-27 Apr 2001.
88. Kaufmann TJ, Schweickert PA, **Jensen ME**, Marx WF, Kallmes DF. Is clinical outcome correlated with duration of fracture prior to vertebroplasty? ASNR annual meeting, Boston, MA, 23-27 Apr 2001.
89. Vance PL, Kallmes DF, **Jensen ME**. The MR imaging appearance of uncomplicated percutaneous vertebroplasty. ASNR annual meeting, Boston, MA, 23-27 Apr 2001.

90. **Jensen ME.** Vertebral artery angioplasty and stenting. SENRS annual meeting, St. Thomas, USVI, 17-21 Sept 01.
91. Workman MJ, Cloft HJ, Tong FC, Dion JE, **Jensen ME**, Marx WF, Kallmes DF. Thrombus formation at the neck of cerebral aneurysms during embolization with Guglielmi detachable coils. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
92. **Jensen ME**, Kallmes DF, Marx SF, Schweickert PA. Vertebroplasty 2001: Research, results, tips and tools. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
93. Kallmes DF, **Jensen ME**, Marx WF, Sinha Roy S, Schweickert PA, Jarvik JG. A pilot study for a sham-controlled, randomized, prospective, crossover trial of percutaneous vertebroplasty. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
94. Gaughen JR, **Jensen ME**, Schweickert PA, Kauffman TJ, Marx WF, Kallmes DF. Efficacy of percutaneous vertebroplasty for multiple synchronous and metachronous vertebral compression fractures. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
95. Gaughen JR, **Jensen ME**, Schweickert PA, Marx WF, Kallmes DF. Repeat percutaneous vertebroplasty procedure for previously treated vertebral levels. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
96. Rao AV, Schweickert PA, **Jensen ME**, Marx WF, Kallmes DF. When not to perform vertebroplasty: frequency, rationale, imaging, and referring services. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
97. Marx WF, Schweickert PA, **Jensen ME**, Kallmes DF. Short-term clinical complication rate of percutaneous vertebroplasty for osteoporotic compression fractures: analysis of 462 treated levels. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
98. Gaughen JR, **Jensen ME**, Schweickert PA, Kaufmann TH, Marx WF, Kallmes DF. Relevance of antecedent venography in percutaneous vertebroplasty for treatment of osteoporotic compression fractures. ASNR annual meeting, Vancouver, BC, 13-17 May 02.
99. Gaughen JR, **Jensen ME**, Schweickert PA, Kaufmann TJ, Marx WF, Kallmes DF. Lack of preoperative point tenderness fails to predict clinical outcome for percutaneous vertebroplasty. ASNR annual meeting, Vancouver, BC, 13-17 May 02.

100. **Jensen ME**, Kallmes DF. Percutaneous vertebroplasty in the treatment of malignant spine disease. SENRS annual meeting, Longboat Key, FL, 23-26 Oct 02.
101. **Jensen ME**. Neuroform stents: lessons learned. ASITN 1<sup>st</sup> Annual Practicum, Vancouver, BC, CN, 3-5 June 03
102. **Jensen ME**. Angiographic findings in cerebral arteriovenous malformations. SENRS 27<sup>th</sup> Annual Meeting, Amelia Island, FL, 10/24/2003
103. **Jensen ME**. Neuroform stents: lessons learned. SENRS 27<sup>th</sup> Annual Meeting, Amelia Island, FL, 10/25/2003
104. **Jensen ME**, Evans AJ. Early experience with embolization of arteriovenous malformations using Onyx: brave new world or same old story? SENRS 29<sup>th</sup> Annual Meeting, Key Biscayne, FL, 10/20/2005
105. **Jensen ME**, Evans AJ, Dion JE, Cloft HJ, Kallmes DF. A “poke in the eye”: the transorbital route to the cavernous sinus. SENRS 29<sup>th</sup> Annual Meeting, Key Biscayne, FL, 10/21/2005
106. **Jensen ME**, Cloft HJ. Controversies in vertebral body augmentation. SENRS 29<sup>th</sup> Annual Meeting, Key Biscayne, FL, 10/22/2005
107. Zenzen WJ, Evans AJ, Boutin SM, Daly KP, **Jensen ME**. Hydrocoil embolization of dural carotid cavernous fistulas. ASNR 44<sup>th</sup> Annual Meeting, San Diego, CA, 5/4/2006
108. **Jensen ME**. Endovascular therapy for dural sinus thrombosis. SENRS 30<sup>th</sup> Annual Meeting, Longboat Key, FL, 10/20/2006
109. **Jensen ME**. Extending the time window for acute stroke intervention. SENRS 30<sup>th</sup> Annual Meeting, Longboat Key, FL, 10/21/2006
110. **Jensen ME**. Follow-up imaging of endovascularly treated aneurysms: who, when and how. Winner of SENRS “best paper” award SENRS 31<sup>st</sup> Annual Meeting. Freeport, Bahamas, 10/26/07
111. **Jensen ME**. Diagnosis and treatment of spinal cord AVMs. SENRS 31<sup>st</sup> Annual Meeting. Freeport, Bahamas, 10/27/07.
112. **Jensen ME**. No balloons, no party: treating direct CCFs in the post-balloon era. SENRS 32d Annual Meeting, Savannah, GA, 10/24/08.
113. **Jensen ME**. Malpractice issues in neuroradiology: informed consent and

cerebral aneurysms. SENRS, Savannah, GA, 22-26 Oct 08

114. **Jensen ME.** Thrombosis of a trigeminal artery presenting as brainstem infarction. SENRS 32d Annual Meeting, Savannah, GA, 10/25/08.
115. **Jensen ME,** Evans AJ. Use of a dual catheter technique as an alternative to stenting in the treatment of wide-necked aneurysms. SENRS 33d Annual Meeting, Palm Coast, FL, 10/23/09.
116. **Jensen ME,** Gaughen J, Hawk H, Evans AJ. The necessity of intensive care unit monitoring following elective endovascular treatment of unruptured intracranial aneurysms. SENRS 33d Annual Meeting, Palm Coast, FL, 10/23/09.
117. **Jensen ME.** SAH in von Hippel-Lindau Disease: The Search for a Reportable Finding. SENRS Annual Meeting, Charleston, SC, 10/2010
118. **Jensen ME.** Vertebral Augmentation: Looking Back, and Forward. RSNA Controversy Session. RSNA Annual Meeting, Chicago, IL 12/1/2010

#### **INVITED LECTURES AND POST-GRADUATE COURSES**

1. Endovascular therapy of head and neck tumors. "Symposium of Interventional Neuroradiology", UCLA Medical Center, Los Angeles, CA, 24 Mar 1990.
2. Interventional neuroradiology therapies. Virginia Licensed Practical Nurse Association annual meeting, Richmond, VA, 10 May 1991.
3. Endovascular treatment of intracranial aneurysms. Endovascular/Interventional Neurosurgery Practical Course, Congress of Neurological Surgeons 42nd Annual Meeting, Washington, D.C., 31 Oct 31-5 Nov 1992.
4. Panelist, session on meningiomas. The 7th Annual Interventional Neuroradiology Mortality and Morbidity Conference, Jackson Hole, WY, 4-9 Jul 1994.
5. Overview of interventional procedures. American Association of Neurosciences Nurses (Virginia Chapter) monthly meeting, Charlottesville, VA, 16 Aug 1994.

6. Endovascular therapy of intracranial aneurysms. American College of Osteopathic Specialists Annual Meeting, Washington, D.C., 24-27 Sep 1994.
7. Endovascular therapy of lesions involving the visual apparatus. Washington Eye Center Neuro-ophthalmology Grand Rounds, 1 Oct 1994.
8. Panelist, seminar on percutaneous cerebral angioplasty. American Heart Association Annual Meeting, 13-15 Nov 1994.
9. Endovascular treatment of direct cavernous-carotid fistulae. Guest speaker, Target Therapeutics, Inc., Fremont, CA, 9 Dec 1994.
10. Introduction to interventional neuroradiology. Professional Staff Grand Rounds, Tyndall AFB Hospital, Panama City, FL, 8 Feb 1995.
11. Percutaneous vertebroplasty. Visiting professorship, University of New Mexico, 7 Apr 1995.
12. Angioplasty and thrombolysis in the head and neck. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists, Whitsunday, Queensland, Australia, 1-8 Jul 1995.
13. The endovascular treatment of cervicocerebral aneurysms. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists, Whitsunday, Queensland, Australia, 1-8 Jul 1995.
14. The endovascular treatment of intracranial vasospasm. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists, Whitsunday, Queensland, Australia, 1-8 Jul 1995.
15. Endovascular therapy of head and neck vascular tumours. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists, Whitsunday, Queensland, Australia, 1-8 Jul 1995.
16. The endovascular treatment of direct carotid-cavernous fistulae. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists, Whitsunday, Queensland, Australia, 1-8 Jul 1995.
17. Percutaneous vertebroplasty. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists,



Whitsunday, Queensland, Australia, 1-8 Jul 1995.

18. "Hands-on" workshop in the use of endovascular devices. 6th Annual Interventional Radiology Conference of the Royal Australasian College of Radiologists, Whitsunday, Queensland, Australia, 1-8 Jul 1995.
19. Endovascular treatment of cervicocerebral aneurysms and intracranial vasospasm. Visiting professorship, Royal Prince Alfred Hospital, Sydney, New South Wales, Australia, 11 Jul 1995.
20. Percutaneous vertebroplasty. Visiting professorship, Royal Prince Alfred Hospital, Sydney, New South Wales, Australia, 11 Jul 1995.
21. Endovascular treatment of intracranial aneurysms, atherosclerotic disease and vasospasm. Blue Ridge Angiography Club meeting quarterly meeting, Roanoke, VA, 20 Jul 1995.
22. Percutaneous vertebroplasty. Valley Radiology Associates quarterly meeting, Charlottesville, VA, 26 Sep 1995.
23. Current therapies in interventional neuroradiology. Practical Radiology, 18th Annual Postgraduate Course, Charlottesville, VA, 12 Oct 1995.
24. Current therapies in interventional neuroradiology. Richmond ASRT quarterly meeting, Hunter Holmes McGuire Veterans Administration Medical Center, Richmond, VA, 14 Nov 1995.
25. Endovascular therapy of intracranial aneurysms and vasospasm. Lynchburg Hospital Staff Rounds, Lynchburg, VA, 7 Dec 1995.
26. Acute stroke therapies. Peninsula Radiology Club quarterly meeting, Williamsburg, VA, 1 Apr 1996.
27. Acute stroke intervention. Virginia Society of Radiologic Technologists annual meeting, Wintergreen, VA, 26 Apr 1996.
28. Interventional therapy in the management of spinal tumors. American Society of Neuroradiology Categorical Course, Seattle, WA, 21 Jun 1996.
29. Endovascular therapy in the treatment of subarachnoid hemorrhage-induced vasospasm. Advanced Neuroscience Symposium,

Richmond, VA, 17 Sep 1996.

30. Percutaneous methylmethacrylate vertebroplasty in the treatment of vertebral compression fractures. Practical Radiology, The Nineteenth Annual Postgraduate Course, Charlottesville, VA, 14-17 Oct 1996.
31. Percutaneous vertebroplasty. Roanoke Radiology Club, Roanoke, VA, 27 Mar 97.
32. Interventions in ischemic cerebrovascular disease (fibrinolysis and PTA). Course faculty member, 29th International Diagnostic Course in Davos, Diseases of the Brain, Head and Neck, Spine, Davos, Switzerland, 5-11 Apr 1997.
33. Percutaneous vertebroplasty in the treatment of painful osteoporotic compression fractures. Martha Jefferson Hospital Home Health Care monthly seminar, Charlottesville, VA, 8 July 1997.
34. Percutaneous vertebroplasty. American Society of Interventional and Therapeutic Neuroradiology annual meeting, New York, NY, 16 Sept 1997.
35. Moderator, "Spine Interventions" session. ASITN annual meeting, New York, NY, 16 Sept 1997.
36. Endovascular therapy in the treatment of acute stroke--before and after. Indiana Interventional Radiology Club quarterly meeting, Indianapolis, IN, 18 Nov 1997.
37. Intra-arterial papaverine administration in the treatment of vasospasm. Seminar on endovascular treatment of vasospasm. ASITN annual meeting, 1 Feb 1998.
38. GDC--It's not just for aneurysms anymore! Richmond Angiography Club quarterly meeting, 17 Feb 1998.
39. Percutaneous vertebroplasty in the treatment of osteoporotic compression fractures. Orthopedic Grand Rounds, University of Virginia, 26 Feb 1998.
40. Emergency interventional procedures. American Society of Head and Neck Radiology (ASHNR) annual meeting, Phoenix, AZ, 1-5 April 1998.

41. Endovascular treatment of head and neck tumors. ASHNR annual meeting, Phoenix, AZ, 1-5 April 1998.
42. Endovascular treatment of head and neck vascular malformations. ASHNR annual meeting, Phoenix, AZ, 1-5 April 1998.
43. Managing squamous cell carcinoma involvement of the carotid artery. ASHNR annual meeting, Phoenix, AZ, 1-5 April 1998.
44. Evaluation of the patient with epistaxis. ASHNR annual meeting, Phoenix, AZ, 1-5 April 1998.
45. Common spine interventions: percutaneous vertebroplasty. American Society of Neuroradiology (ASNR) annual meeting. Philadelphia, PA, 18-22 May 1998.
46. Percutaneous vertebroplasty "how-to" session. ASNR annual meeting, Philadelphia, PA, 18-22 May 1998.
47. Interventional neuroradiology in the diagnosis and management of head and neck vascular malformations "how-to" session. ASNR annual meeting, Philadelphia, PA, 18-22 May 1998.
48. Percutaneous vertebroplasty: history, applications, and approaches. Guest faculty, Sundance Vertebroplasty Conference, Sundance, UT, 5-7 Aug 98.
49. Percutaneous vertebroplasty. Virginia Rheumatology Society annual meeting, Charlottesville, VA, 12 Sept 98.
50. Current trends in stroke therapy: aneurysms, angioplasty and more. CME lecture series at Memorial Hospital, Fort Lauderdale, FL, 21 Oct 98.
51. Percutaneous vertebroplasty and other spine interventions. CME lecture series at Memorial Hospital, Fort Lauderdale, FL, 21 Oct 98.
52. Head and neck interventions: emergency and pre-operative procedures. CME lecture series at Memorial Hospital, Fort Lauderdale, FL, 21 Oct 98.
53. Percutaneous vertebroplasty in the treatment of osteoporotic compression fractures. Guest lecturer, Naples Radiologists, Inc., 22 Oct 98.
54. Introduction to head and neck embolization. Guest lecturer, Annual

- MCV/UVA/EVMS Residents' meeting, Richmond, VA, 7 Nov 98.
55. Spine interventions. Session chairman and lecturer. ASITN annual meeting, Nashville, TN, 1 Feb 1999.
  56. Percutaneous vertebroplasty. Guest lecturer, Greensboro Radiological Associates, Greensboro, NC, 24 Feb 1999.
  57. Percutaneous vertebroplasty "hands-on" course. Co-director and lecturer, MERI, Memphis, TN, 27-28 Feb 1999.
  58. Percutaneous vertebroplasty. Guest lecturer, University of Chicago, IL, 4 Mar 1999.
  59. Endovascular therapy of head and neck tumors. Guest lecturer, University of Chicago, IL, 4 Mar 1999.
  60. Percutaneous vertebroplasty. Guest lecturer, AVIR annual meeting, Orlando, FL, 21 Mar 1999.
  61. Percutaneous vertebroplasty, Guest lecturer, SCVIR annual meeting, Orlando, FL, 22 Mar 1999.
  62. Percutaneous vertebroplasty "hands-on" course. Co-director and lecturer, MERI, Memphis, TN, 1-2 May 1999.
  63. Introduction to head and neck embolization. Invited lecturer, ASHNR/ASNR annual meeting, San Diego, CA, 23 May 1999.
  64. Percutaneous vertebroplasty "how-to" session. ASNR annual meeting, San Diego, CA, 24 May 1999.
  65. Percutaneous vertebroplasty and spine embolization. Invited lecturer, ASSR/ASNR annual meeting, San Diego, CA, 28 May 1999.
  66. Percutaneous vertebroplasty. Invited speaker, Richmond Angiography Club, Richmond, VA, 29 June 1999.
  67. Percutaneous vertebroplasty. Invited speaker, SUNY-Stony Brook Hospital, Stony Brook, NY, 12 Jul 1999.
  68. Percutaneous vertebroplasty "hands-on" course. Co-director and lecturer, MERI, Memphis, TN, 24-25 July 1999.
  69. Vertebroplasty in the U.S. Faculty lecturer, 2d Annual Vertebroplasty meeting, Sundance, UT, 6-8 Aug 1999.

70. Vertebroplasty in single and multiple level disease, and osteonecrosis. 2d Annual Vertebroplasty meeting, Sundance, UT, 6-8 Aug 1999.
71. Percutaneous vertebroplasty in the treatment of osteoporotic compression fractures. Invited speaker. Eastern Neuroradiological Society annual meeting, Montreal, Quebec, CA, 27 Aug 1999.
72. Percutaneous vertebroplasty “hands-on” course. Co-director and lecturer, MERI, Memphis, TN, 11-12 Sept 99.
73. Current trends in interventional neuroradiology. Invited speaker, South Central Kansas Radiology Society, Wichita, KS, 13 Sept 99.
74. Acute stroke therapy—angioplasty, stenting and thrombolysis. Invited speaker, South Central Kansas Radiology Society, Wichita, KS, 14 Sept 99.
75. Percutaneous vertebroplasty. Invited lecturer, Staff Grand Rounds, Swedish Covenant Hospital,
76. U.S. experience with vertebroplasty in the past five years. Johns Hopkins International Vertebroplasty Conference, Mont-Tremblant, Quebec, CN, 3/10/2000
77. Single and multiple level disease, and osteonecrosis. Johns Hopkins International Vertebroplasty Conference, Mont-Tremblant, Quebec, CN, 3/10/2000
78. Interventions in ischemic cerebrovascular disease (fibrinolysis and PTA). Course faculty member, 33th International Diagnostic Course in Davos, Diseases of the Brain, Head and Neck, Spine, Davos, Switzerland, March 2000
79. Vertebroplasty practice standards. Basic and advanced concepts in the treatment of vertebral compression fractures: a “hands on-how to” course. Tampa, FL, 5/11/2001
80. Metastatic disease. Basic and advanced concepts in the treatment of vertebral compression fractures: a “hands on-how to” course. Tampa, FL, 5/12/2001
81. Vertebroplasty: epidemiology, history, patient selection and indications. Vertebroplasty: a “hands on-how to” course. Tampa, FL, 8/4/2001.
82. Technical aspects of vertebroplasty. Vertebroplasty: a “hands on-how to”

course. Tampa, FL, 8/4/2001.

83. Vertebroplasty: post-operative management, complications and strategies for reimbursement. Vertebroplasty: a "hands on-how to" course. Tampa, FL, 8/4/2001.
84. Normal spinal vascular anatomy. AANS/CNS/ASITN 5th Joint Annual Meeting, Dallas, TX, 2/5/2002.
85. Percutaneous vertebroplasty: avoidance of complications. 1<sup>st</sup> Vertebroplasty Course at CUG, Geneva, Switzerland, Jan 2002
86. Birth of a CPT code. ASNR 40<sup>th</sup> Annual Meeting, Vancouver, BC, 5/13/2002
87. Angiography in Cerebrovascular Disease. Course faculty member, 37<sup>th</sup> International Diagnostic Course in Davos, Diseases of the Brain, Head and Neck, Spine, Davos, Switzerland, March 2004
88. Video demonstration: aneurysm coiling. ASITN 1<sup>st</sup> Annual Course and Workshops, Boca Raton, FL, July, 2004
89. Percutaneous vertebroplasty. Categorical Course on Spine Intervention, AANS/CNS/ASITN 8<sup>th</sup> Joint Annual Meeting, New Orleans, LA, 2/5/2005
90. Non-invasive imaging of cerebrovascular disease: is angiography obsolete? ARRS 105<sup>th</sup> Annual Meeting, New Orleans, LA 5/9/2005
91. Vertebroplasties and kyphoplasties: indications and controversies. ARRS 105<sup>th</sup> Annual Meeting, New Orleans, LA, 5/9/2005
97. Hydrocoil experience at UVA: 2003-2005. ASNR 43<sup>rd</sup> Annual Meeting, Toronto, ON, CN, May 2005
98. Embolization of head and neck tumors. ASITN 2d Annual Practicum, Toronto, ON, CN, May 2005
99. Endovascular aneurysm treatment: the basics. Cordis Training Program, Miami Lakes, FL, July 2005
100. Introduction to neurovascular anatomy. Cordis Training Program, Miami Lakes, FL. Sept 2005
101. Vertebroplasty and kyphoplasty: considerations and controversies in vertebral body augmentation. ASITN 2d Annual Courses and Workshops, Turtle Bay, Oahu, HI, 8/1/2005

102. Surgical and endovascular coding for neurovascular procedures and critical care—endovascular procedures. AANS/CNS/ASITN 9<sup>th</sup> Joint Annual Meeting, Orlando, FL, 2/19/2006
103. Interventional neuroradiology: stroke diagnosis and treatment. Inova Rehabilitation Hospital Stroke Conference, Fairfax, VA, Sept 2005.
104. Embolization of brain AVMs, Lars Leksell Gamma Knife Radiosurgery Course, Charlottesville, VA, 9/22/2005
105. Controversies in neuroradiology: vertebroplasty vs. kyphoplasty, RSNA Annual Meeting, Chicago, IL, Nov, 2005
106. Angiographic complications: avoidance, recognition and treatment, ASNR 44<sup>th</sup> Annual Meeting, San Diego, CA, 5/4/2006
107. The Asymptomatic Patient with a Skull Base or Transverse Process Fracture: Is Imaging Necessary? ASITN 4<sup>th</sup> Annual Practicum, San Diego, CA, 5/6/2006
108. Cutting edge technology—the new “toys” for 2006. Nurse/Technologist Program, ASITN 4<sup>th</sup> Annual Practicum, San Diego, CA, 5/6/2006
109. Introduction to interventional neuroradiology, Critical Response 2006 Course, Charlottesville, VA, 5/13/2006
110. Dural AVFs: Approaches to different lesions by location and type. ASITN 3d Annual Courses and Workshops, Rio Grande, Puerto Rico, 7/28/2006
111. Intracranial vascular malformations, Armed Forces Institute of Pathology Radiology Residents’ Course, Washington, D.C., 8/22/2006, 10/3/06, 1/16/07, 3/13/07, 5/1/07
112. Sub-arachnoid hemorrhage and cerebral aneurysms, Armed Forces Institute of Pathology Radiology Residents’ Course, Washington, D.C., 8/22/2006; 10/3/06, 1/16/07, 3/12/07, 4/30/07
113. Acute stroke imaging and intervention, Armed Forces Institute of Pathology Radiology Residents’ Course, Washington, D.C., 8/23/2006; 10/4/06, 1/17/07, 3/12/07, 4/30/07
114. Extracranial vascular disease and spinal vascular malformations, Armed Forces Institute of Pathology Radiology Residents’ Course, Washington, D.C., 8/23/2006, 10/4/06, 1/17/07, 3/13/07, 5/1/07

115. Endovascular treatment of brain vascular malformations, Neurology Grand Rounds, Charlottesville, VA, 8/25/2006,
116. Embolization of brain AVMs, Lars Leksell Gamma Knife Radiosurgery Course, Charlottesville, VA, 9/21/2006
117. Imaging of Spinal Cord AVMs and Fistulae, Visiting Professor, Virginia Commonwealth University-Medical College of Virginia, Richmond, VA, 1/25/07
118. Vertebroplasty vs. kyphoplasty: considerations and controversies in vertebral body augmentation, Richmond Radiological Society, Richmond, VA, 1/25/07
119. Moderator and case presenter, Treatment of Cerebral AVMs, International Stroke Conference, San Francisco, CA, 2/6-9/07
120. Imaging of cerebral vascular malformations, ARRS annual meeting, Orlando, FL, 5/5-8/07
121. Spinal vascular malformations, ARRS annual meeting, Orlando, FL, 5/5-8/ 07
122. Vertebroplasty and kyphoplasty: considerations and controversies in vertebral body augmentation, ARRS annual meeting, Orlando, FL, 5/5-8/ 07
123. Vascular anatomy of the spinal cord and column, ASNR 45<sup>th</sup> annual meeting, Chicago, IL, 6/11-14/07
124. Moderator, Spinal vascular malformations session, ASNR annual meeting, Chicago, IL, 6/11-14/07
125. Vascular malformations of the spinal cord, Nurse/Technologist program, ASITN 5<sup>th</sup> Annual Practicum, Chicago, IL, 6/15-16/07
126. Vertebral body augmentation: an introduction to vertebroplasty and kyphoplasty, Nurse/Technologist program, ASITN 5<sup>th</sup> Annual Practicum, Chicago, IL, 6/15-16/07
127. Complex coils: Microvention 1D Coils, ASITN 5<sup>th</sup> Practicum, Chicago, IL, 6/15-16/07
128. Endovascular treatment of head and neck vascular malformations. ASITN 4<sup>th</sup> Annual Meeting, Dana Point, CA, 7/30 Jul–8/3/07



129. Moderator and case presenter, ASITN Roundtable: The Errant Coil, SNIS 4<sup>th</sup> Annual Meeting, Dana Point, CA, 7/30–8/3/07
130. Early clinical experience with hyrosoft coils. SNIS 4<sup>th</sup> Annual Meeting, Dana Point, CA, 7/30–8/3/07
131. Embolization of brain AVMs, Lars Leksell Gamma Knife Radiosurgery Course, Charlottesville, VA, 9/25/07
132. Case presentation and moderator, Treatment of complex aneurysms, International Stroke Conference, New Orleans, 2/20/08
133. Wired wizardry: advanced spine care and more, Virginia Geriatric Society annual meeting, Williamsburg, VA, 4/11/08
134. Vertebroplasty vs. kyphoplasty: which is best for my patient? ARRS Annual Meeting, Washington, D.C., 4/17/08
135. Diagnosis and treatment of cavernous-carotid fistulae. Nurse/Technologist program, SNIS 6<sup>th</sup> Annual Practicum, New Orleans, LA, 6-7 Jun 08
136. Imaging follow-up of endovascularly treated aneurysms: who, how and when. SENRS “best paper” award. ASNR 46<sup>th</sup> Annual Meeting, New Orleans, LA, 6/2-5/08
137. Hydrocoil vs. Cerecyte Aneurysm Treatment Trial (H-CAT Trial), SNIS 5<sup>th</sup> Annual Meeting, Squaw Valley, CA, 7/28–8/1/08
138. Case presentation and moderator, Stents for acute ischemic stroke, SNIS 5<sup>th</sup> Annual Meeting, Squaw Valley, CA, 7/28–8/1/08
139. Seminar Instructor, Evaluation of the Cerebral Vessels, International Diagnostic Course in Davos (IDKD), 3/23-28/08
140. Endovascular therapy of cerebral aneurysms: state of the art and future developments, UVA Neurointerventional Course, 8/30/08
141. Seminar Instructor, Informed Consent, ESMINT Teaching Course on Intracranial Aneurysms, Lisbon, Portugal, 9/7-12/08
142. Vertebral Body Augmentation: Vertebroplasty and Kyphoplasty, National Osteoporosis Foundation Annual Meeting, Washington, D.C., 4/1-4/09
143. Vertebral Augmentation: A Radiologist’s Perspective. FDA Orthopedic Panel, FDA Offices, Rockville, MD, 9/10/2010

144. Endovascular Treatment of Extracranial and Intracranial Atherosclerosis. 2d Annual Abingdon Medical Center Neurovascular Conference, Abingdon, PA, 10/1/2010
145. Treatment of Head and Neck Lesions: Surgical Adjunct or Cure? American College of Surgery Annual Meeting, Washington, D.C., 10/4/2010
146. Sears Lecture Series. The Role of Vertebral Augmentation in the treatment of Osteoporotic and Neoplastic Fractures. Internal Medicine Grand Rounds. Baylor Medical Center, Houston, TX, 10/12/2010
147. Sears Lecture Series. Cure or Quackery: Deciphering the Meaning of Recent Vertebral Augmentation Trials. Radiology Grand Rounds. Baylor Medical Center, Houston, TX, 10/12/2010
148. Resident Case Conference. Interesting Neurovascular Cases. Baylor Medical Center, Houston, TX, 10/12/2010
149. Sears Lecture Series. Here Today--Gone Tomorrow? Previous History and Current Status of Vertebral Augmentation Procedures. Surgery Grand Rounds, Baylor Medical Center, Houston, TX, 10/13/2010
150. Introduction to Neurovascular Anatomy and Aneurysm Coiling: What You Need to Know; Central Virginia PAC (Professional Coders) meeting; Charlottesville, VA, 10/26/2010
151. Imaging follow up of endovascularly treated aneurysms. Neuroradiology Review with the Experts, Carlsbad, CA, June 26-30, 2011
152. Cure or quackery: deciphering the meaning of recent vertebral augmentation trials. Neuroradiology Review with the Experts, Carlsbad, CA, June 26-30, 2011
153. Imaging strategies for the evaluation of intracranial AVMs. Neuroradiology Review with the Experts, Carlsbad, CA, June 26-30, 2011
154. CREST and SAMMPRIS: Implications for diagnostic imaging. Neuroradiology Review with the Experts, Carlsbad, CA, June 26-30, 2011
155. Bailout Procedures for Aneurysm Therapy. SNIS Annual Meeting, Colorado Springs, CO, 7/28/2011
156. New approaches to stroke management. VAACR Annual meeting, Williamsburg, VA, Aug 5-6, 2011

157. Vertebral Augmentation: How I Do It. WFITN meeting, Capetown, South Africa, 11/11/2011
158. Evaluation of the Cerebral Vessels. International Diagnostic Course in Davos (IDKD), Davos, Switzerland, 3/25/12-3/30/12
159. Vertebral augmentation: who will benefit and who to refer. International Symposium on Osteoporosis. National Osteoporosis Foundation annual meeting, Orlando, FL, 4/25/2012
160. "The Good, the Bad and the Ugly": A History of Endovascular Aneurysm Treatment; University of Maryland Grand Rounds, Baltimore, MD, 9/16/14
161. Evolution of Endovascular Aneurysm Treatment: The Good, the Bad and the Ugly; Abington Medical Center 6<sup>th</sup> Annual Pursuit of Neurovascular Excellence, Abington, PA, 10/10/14
- 10/25/14 Endovascular Treatment of Very Small Aneurysms: Long-term Follow-Up, SENRS Annual Mtg, The Homestead, VA
- 9/22/14 The Evolution of Endovascular Aneurysm Coiling: Lessons Learned; NeuroNext Fellows Conference, Stryker Neurovascular, San Francisco, CA
- 1/30/15 Update on Acute Stroke Intervention, Virginia Stroke Systems Task Force Quarterly mtg, Richmond, VA
- 2/6/15 Tales from the Crypt: When Vertebral Augmentation Goes Very Wrong; ASSR (Am Soc Spine Rad) Annual Meeting, Las Vegas, NV
- 4/22/15 When Vertebral Augmentation Goes Very Wrong; 2015 ARRS Instructional Course, Toronto, CA
- 2d Congress of Interventional Radiology, Lima, Peru, May 14-16, 2015  
 Vertebroplasty in Osteoporotic Fractures  
 Lumps and Bumps: What is that Thing on Your Child's Head?  
 Carotid Artery Stenting in Acute Ischemic Stroke  
 Introduction to Dural AVFs: Diagnosis and Treatment  
 Evaluation and Endovascular Treatment of Epistaxis  
 Endovascular Treatment of Head and Neck Tumors  
 Acute Ischemic Stroke: Case Presentations and Discussion
- 4/14/15 ELVO (Emergency Large Vessel Occlusion): The New "STEMI" Alert for Acute Ischemic Stroke, Rockingham Memorial Hospital Grand Rounds
- 5/25/16: Tales from the crypt: when vertebral augmentation goes very wrong,

SENRS Best Paper Award, American Society of Neuroradiology (ASNR) Annual meeting; Washington, D.C,

10/22/16: Bigger Is Better! The Evolution of Large Bore Guide Catheters in the Treatment of Stroke, SENRS annual meeting; Greenbrier Hotel, Greenbrier, WV,

4/5-9/16: Evaluation of the Cerebral Vessels; International Diagnostic Course in Davos (IDKD), Davos, Switzerland; 10 presentations, 1.5 hr, 40 participants per session

6/25/16: The FDA and the NeuroInterventional Space: Helping to Define New Horizons, ASNR annual meeting, Washington, D.C.

6/1/16: Diagnosis and Treatment of Cerebral Aneurysms, Bon Secours Family Medicine Residents Program;

7/11/16: Acute Ischemic Stroke: Imaging and Endovascular Therapy, Bon Secours CSC Stroke Lecture series; Richmond, VA; this lecture was presented 4 times during the year, 1 hr; 10-20 participants/lecture

9/7/16: Complications of Acute Stroke Therapy; Nurses/Technologists Inaugural Annual Course, European Society of Minimally Invasive Neurointerventional Techniques (ESMINT), ESMINT Annual Meeting; Nice, France,

10/15/16: Treatment of the Wide-Necked Aneurysm: Balloons, Stents and Just Plain Catheter, AANS/SNIS/SVIN Annual Fellows Course, Medical Education and Resource Institute, Memphis, TN, 0.75 hr lecture, three 2 hr hands-on workshops; 30 participants

11/5/16: Minimally Invasive Therapies for Neurovascular FMD and Aneurysms; UVA FMD Symposium

12/16/16: Endovascular Stroke Therapy: Lessons Learned, Present Practice, and Future Trends; Grand Rounds, Salem VAH Medical Staff

3/3/17: Tunneling Through the Brain: Acute Stroke Interventions (Old Dominion EMS Yearly Symposium), 1.5 hr, lecture and hands on workshop for 30 participants

3/9/17: Complications of IA Stroke Treatment and How to Solve Them (Maybe), Society of Interventional Radiology (SIR) Stroke Course, SIR annual meeting, Washington, D.C.,

3/9/17: SIR Stroke Symposium Illustrative Cases; SIR Stroke Course, SIR

annual meeting, Washington, D.C.,

## **EXHIBITS**

1. **Jensen ME**, Gulati AN, Laine FJ: General case of the day: Neurosarcoidosis. Presented at the RSNA annual meeting, Chicago, IL, 27 Nov-3 Dec 1987.

2. **Jensen ME**, Hartenberg MH: Radiographic manifestations of sickle cell disease. Certificate of Merit: RSNA Annual Meeting, Chicago, IL, 27 Nov-3 Dec 1987

Also presented at the American Roentgen Ray Society annual meeting, San Francisco, CA, 8-13 May 1988.

3. **Jensen ME**, Sawyer RW, Braun IF, Rizzo WB. MRI of adrenoleukodystrophy. Certificate of Merit: RSNA Annual Meeting, Chicago, IL, 27 Nov-2 Dec 1988

Also presented at the ASNR annual meeting, Orlando, FL 19-24 Mar 1989.

4. Hayes CW, **Jensen ME**, Conway WF: Non-neoplastic lesions of vertebral bodies: MRI findings. Cum Laude: RSNA Annual Meeting, Chicago, IL, 27 Nov-2 Dec 1988

5. Tisnado J, **Jensen ME**: Acute traumatic rupture of the brachiocephalic arteries. Presented at the RSNA annual meeting, Chicago, IL, 27 Nov-2 Dec 1988.

6. Laine FJ, Braun IF, **Jensen ME**, Nadel L, Som P: Perineural tumor extension through the foramen ovale: evaluation with MRI. Certificate of Merit: RSNA Annual Meeting, Chicago, IL, 27 Nov-2 Dec 1988 Summa Cum Laude: ASNR Annual Meeting, Orlando, FL, 19-24 Mar 1989

7. Johnson MH, Rizzo RJ, **Jensen ME**, Smoker WRK, Felton WL, Kaltreider SA: Manifestations of neurosarcoidosis with emphasis on the orbits and optic pathways. Certificate of Merit: RSNA Annual Meeting, Chicago, IL, 1-6 Dec 1991

8. Johnson MH, **Jensen ME**, Rizzo RJ, Mohr R, Muizelaar JP, Sismanis M: Vascular aspects of skull base lesions. Presented at the RSNA annual meeting, Chicago, IL, 1-6 Dec 1991.
9. Hendrix LE, Dion JE, **Jensen ME**, Phillips CD, Newman SA: Papaverine associated mydriasis. Presented at the ASNR annual meeting, Vancouver, BC, 13-20 May 1993.
10. Polin R, Shaffrey ME, **Jensen ME**, Braden LK, Dion JE, Kassell NF: Treatment of cavernous carotid aneurysms by endovascular carotid artery occlusion. Presented at the American Association of Neurological Surgeons annual meeting, San Diego, CA, 9-14 Apr 1994.
11. **Jensen ME**, Dion ME, Mathis JM, DeNardo AJ, Phillips CD: Angioplasty of brachiocephalic and cerebral vessels in atherosclerotic disease. Presented at the ASNR annual meeting, Nashville, TN, 1-7 May 1994.
12. Dion JE, **Jensen ME**, DeNardo AJ, Mathis JM: Angioplasty of symptomatic intracranial arterial obstructive lesions: evaluation of techniques, results and complications. Presented at the ASNR annual meeting, Nashville, TN, 1-7 May 1994.
13. Mathis JM, DeNardo AJ, **Jensen ME**, Crandall JR, Dion JE: Hydrophilic catheter coatings diminish the risk of unintentional catheter fixation during glue embolization. Presented at the ASNR annual meeting, Nashville, TN, 1-7 May 1994.
14. Mathis JM, DeNardo AJ, Thibault L, **Jensen ME**, Dion JE: In vitro evaluation of papaverine hydrochloride incompatibilities: a simulation of intra-arterial infusion for cerebral vasospasm. Presented at the ASNR annual meeting, Nashville, TN, 1-7 May 1994.
15. **Jensen ME**, Mathis JM, Evans AJ, Kassell NF, Dion JE. Non-aneurysmal uses for the Guglielmi detachable coil. Presented at the 4th International Workshop on Cerebrovascular Surgery, Chicago, IL, 11-14 Jun 1995.
16. **Jensen ME**, Evans AJ, Mathis JM, Kassell NF, Dion JE. Angioplasty of brachiocephalic and cerebral vessels in atherosclerotic disease. Presented at the 4th International Workshop on Cerebrovascular

Surgery, Chicago, IL, 11-14 Jun 1995.

17. Kallmes DF, McGraw JK, Evans AJ, Mathis JM, Hergenrother R, **Jensen ME**, Cloft HJ, Dion JE. Thrombogenicity of guiding and microcatheters: short and medium-term in vivo implantation in a swine model. Presented at the ASNR annual meeting, Seattle, WA, 23-27 Jun 1996.
18. Mathis JM, Evans AJ, DeNardo A, Kennett K, Crandall J, **Jensen ME**, Dion JE. The risk of unintentional catheter adhesion during glue embolization. Presented at the ASNR annual meeting, Seattle, WA, 23-27 Jun 1996.
19. Mathis JM, Cho CH, Eckel TS, Naff NJ, **Jensen ME**. Transpedicular percutaneous injection of polymethylmethacrylate for the treatment of pain associated with vertebral compression fractures. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves annual meeting, Rancho Mirage, CA, 11-14 Feb 1998.
20. Woodcock RJ, **Jensen ME**, Cail WS. Cerebral venous anomalies: Spectrum of disease. American Society of Neuroradiology annual meeting, 18-22 May 1998.
21. Cloft HJ, Helm GA, Altes T, Do HM, **Jensen ME**, Kallmes DF, Marx WF. A non-surgical, saccular aneurysm model in rabbits: technique, histology, and experimental applications. ASNR annual meeting, San Diego, CA, 24-28 May 99.
22. Shah B, **Jensen ME**. Spinal vascular malformations. ASNR annual meeting, Toronto, ON, CN, May 2005
23. Stay R, Shah L, **Jensen ME**. Carotid cavernous fistula (CCF): review of presentation, imaging and treatment. RSNA annual meeting, Chicago, IL, Nov 2006.

Gaughen J, Durst C, Nguyen Q, Patrie J, Jensen M, Evans A. Safety and Efficacy of Endovascular Treatment of Unruptured Paraophthalmic Internal Carotid Artery Aneurysms. SNIS Poster Presentation, Miami, FL, July 29-August 1, 2013.

Gaughen J, Durst C, Geraghty S, Demartini N, Kreitel D, Medel R, Patrie J, Jensen M, Evans A. The Two-Catheter Technique in Comparison to Stent-Assisted Coil Embolization in the Endovascular Treatment of Intracranial Aneurysms. SNIS Poster Presentation, Miami, FL, July 29-August 1, 2013.

Durst C, Evans A. Single Session, Single Pedicle Injections in the Treatment of Brain Arteriovenous Malformations. SNIS Electronic Poster, Miami, FL, July 29-August 1, 2013.

Evans A, Geraghty S, Gaughen J, Jensen L, Wintermark M. Intracranial Stenting with Balloon Mounted Stents: Initial Safety and Long Term Follow up. SNIS Electronic Poster, Miami, FL, July 29-August 1, 2013.

### **TRAINING COURSES**

1. Vertebroplasty training site, 6-8 physician trainees per month, 1998-2002
2. Guglielmi Detachable Coil (GDC) Training Site, 2 physician trainees per month, 1995-2002
3. Visits for vertebroplasty observation: Van Lewis, M.D., Neuroradiologist, Roanoke, VA; Richard Wendling, Neuroradiologist, Nashville, TN; Timothy Budorick, M.D., Orthopedic Surgeon, Virginia Beach, VA, Roger Wiley, Neuroradiologist, Roanoke; Daniel Golwyn, Radiologist, Lynchburg; Chris Dowd, M.D., Interventional Neuroradiology, UCSF, San Francisco, CA .
4. Co-director, Hands-On Percutaneous Vertebroplasty course, Medical Education and Research Institute, Memphis, TN, 27-28 Feb 99, 1-2 May 99, 24-25 July 99; 11-12 Sept 99; training 60-80 physicians each session
5. Instructor, Johns Hopkins International Vertebroplasty Conference, Mont-Tremblant, Quebec, CN, 3/10-11/2000, 50 participants
6. Instructor, Basic and advanced concepts in the treatment of vertebral compression fractures: "Hands-on How-to" Vertebroplasty Course, Tampa, FL, 5/11-12/2001, 40 participants
7. Instructor, IR Management of Vertebral Insufficiency Fractures, SIR 27<sup>th</sup> Annual Meeting, Baltimore, MD, 4/6-11/2002, 40 participants
8. Instructor, Interventional treatment of the spine. ASNR 40<sup>th</sup> Annual Meeting, Vancouver, BC, 5/13/2002, 40 participants
9. Instructor, "Hands-on" Vertebroplasty Workshop, SIR 28<sup>th</sup> Annual Meeting, Salt Lake City, UT, 3/29/2003 and 3/31/2003 100 participants
10. Instructor, "Hands-on" Vertebroplasty Workshop, ASITN 1<sup>st</sup> Annual



Practicum, Vancouver, BC, June 2003, 40 participants

**COMMITTEE MEMBERSHIPS AND ELECTED/APPOINTED POSITIONS**

1. Core Curriculum Committee, Department of Radiology, University of Virginia, 1994-2002
2. Quality Assurance Committee, Department of Radiology, University of Virginia, 1995-1998
3. Conscious Sedation Committee, Department of Radiology, University of Virginia, 1995-2002
4. Rules Committee, American Society of Interventional and Therapeutic Neuroradiology (ASITN), 1995-1996
5. Standards of Practice Committee, ASITN, 1996-present
6. Membership Committee. Southeastern Neuroradiological Society (SENRS), 1996-present
7. Program Committee. ASITN, 1997 annual meeting.
8. Program Committee. American Society of Neuroradiology (ASNR), 1998.
9. Commercial Relations Committee. ASNR, 1999.
10. CPT and Coding Committee. ASNR, 1999.
11. Ad Hoc Chairman of Vertebroplasty Coding for the ASNR, 1999.
12. Member, Vertebroplasty Standards Committee, ACR, 1999.
13. President-elect and program chair, SENRS, 2002
14. FDA Orthopedics Devices panel, 2002-2003
14. President, SENRS, 2003
15. Treasurer, ASITN, 2000-2002
16. Secretary, ASITN, 2002-2003

17. Nominating committee, ASNR, 2002-2004
18. Chairperson, Categorical Course on Spine Intervention, AANS/CNS/ASITN 8<sup>th</sup> Joint Annual Meeting, New Orleans, LA, 2/5/2004
19. Rules Chairman, ASITN, 2003-2005
20. Vice President, ASITN, 2005-2006
21. President-elect, ASITN, 2006-2007
22. FDA Neurological Devices panel, member, 2003-2007
23. Chairperson, Faculty/Staff Development Committee, UVA, 2005-2007
24. Program Co-Chair, ASITN 4<sup>th</sup> Annual Practicum, San Diego, CA, 5-6 May 2006
25. INR/Neurosurgery Representative to AHA/ASA Virginia Stroke Systems of Care, 2005-2006
26. President, Society of NeuroInterventional Surgery (SNIS, formerly ASITN), 2007-2008
27. First Past President, SNIS, 2008-2009
28. Second Past President, SNIS, 2009-2010
29. SNIS Foundation, Chairman, 2011-present
30. Co Chair, Program Committee, VA ACR, 2012
31. SNIS representative, Brain Attack Coalition, 2010-present
32. Alternate councilor, VA Chapter ACR, 2015-2017
33. Councilor, VA Chapter ACR, 2018-present
32. FDA Neurological Devices Panel, Chairperson, 2015-2019
33. FDA Neurological Devices Panel, Chairperson, 2019-present

**INVITED JOURNAL REVIEWER**

1. Journal of Neurosurgery, 1992-2007
2. Radiology, 1997-present
3. Radiographics, 1997-2007
4. American Journal of Neuroradiology, 1997-2007
5. Journal of Anesthesiology, 1999
6. Archives of Otolaryngology-Head and Neck Surgery, 1999

### **ADVISORY BOARDS**

1. Scientific Advisory Board, Medtronic MicroInterventional Systems, Inc., Sunnyvale, CA, 1995-1998
2. Co-chairman, Scientific Advisory Board, Parallax Medical, Inc., Fremont, CA, 1998-2003
3. Scientific Advisory Board, MicroVention, Inc., CA, 2006
4. Scientific Advisory Board, Kuros Medical, Zurich, CH, 2006-2009

### **GRANTS**

1. **Jensen ME.** RSNA Seed Grant for development of a bioresorbable collagen stent for therapy of wide-necked aneurysms, \$20,000, principal investigator, 1995-1997
2. Hagspiel KD, Kallmes DF, Cloft HJ, Matsumoto AM, **Jensen ME.** Collagen endovascular stent for peripheral arterial disease. CIRREF, \$25,000 requested. Revision requested.

### **FUNDED RESEARCH PROJECTS**

1. The effect of hydrophilic catheter coatings *in vitro* on the safety of liquid acrylic embolization. Support from Target Therapeutics, Inc., \$5000; Co- investigator, 1994-1995.
2. Efficacy of *in vitro* methylmethacrylate injection into cadaver vertebral bodies. Intramural funding, \$10,000; Co-investigator, 1995-1996.
3. Short, intermediate and long term implantation of micro and macrocatheters in the pig vascular system: electron and light microscopic study of thrombogenicity of different catheter surfaces

and coatings. Support from Target Therapeutics, Inc., \$15,000; Co-investigator, 1995-1997.

### **CLINICAL TRIALS PARTICIPATION**

1. Treatment of intracranial aneurysms by electrolytically detachable microcoils (FDA IDE #G900241). Co-investigator, 1991-1995.
2. "Phase I-II trial of superselective carboplatin, low dose infusional 5FU and concurrent radiation for high grade gliomas. Co-investigator, 1991- 1994.
3. "A prospective multicenter dose-ranging study of intra-arterial thrombolysis in acute middle cerebral artery distribution thromboembolic stroke." Principal investigator for UVA site, 1995-1997. Sponsored by Abbott Labs. Budget:\$13,000/patient.
4. "A multi-center open label, single arm, phase II study of RMP-7 and carboplatin, administered intra-arterially for the treatment of recurrent malignant glioma." Co-investigator for UVA site, 1996-1997. Sponsored by Alkermes, Inc.
5. "Phase II multi-institutional trial of targeted supradose cisplatin chemoradiation for Stage IV squamous cell carcinoma of the head and neck." Co-investigator for UVA site. 1996-present. Sponsored by University of Tennessee—Memphis (NIH grant #1R01CA67789-01A1).
6. Carotid Revascularization with ev3 Arterial Technology Evolution (CREATE) Trial. Principal investigator for UVA site. 2004-2008. Sponsored by ev3.
7. Hydrocoil: endovascular aneurysm occlusion and packing study (HELPS), Principal investigator for UVA site, 2005-2009
8. TEAM (Trial of Endovascular Aneurysm Management) trial, Investigator, UVA site, 2009-2011
9. IMS III (Interventional Management of Stroke) trial, Co-investigator, UVA site, 2009-2013

## **MEDIA INVOLVEMENT**

1. USA Today (21 Feb 1994) and radio coverage of abstract, "Angioplasty of brachiocephalic and cerebral vessels in atherosclerotic disease" presented at the 19th International Joint Conference on Stroke and Cerebral Circulation, San Diego, CA, 17-19 Feb 1994
2. WVPT Blue Ridge Journal segment on vertebroplasty
3. Fox Cable medical program FXMD segment on vertebroplasty
4. Helix publication on GDC coiling of aneurysms
5. "Healthtalk" column in The Daily Progress on GDC coiling of aneurysms
6. **WINA** (AM radio) medical talk show participant on stroke therapies
7. Inside UVA article on vertebroplasty; partially reprinted in Virginia Quarterly alumni publication
8. Press release to 70 national newspapers on vertebroplasty by Dan Heuchert
9. Albemarle magazine article on vertebroplasty
10. Channel 7, Roanoke, medical focus on vertebroplasty
11. Cited or quoted in multiple newspaper articles on vertebroplasty
12. Joint press release with Mayo Clinic on vertebroplasty
13. Interview for PBS' "Frontiers in Medicine"
14. Interview for Readers Digest's "News in Medicine"
15. Filmed segment for ABC's Good Morning America for vertebroplasty
16. Featured in an article entitled "Spinal cement draws patients and questions," The New York Times, Front page, 8/28/2005
17. Featured in "Patients Come First: podcast on stroke for Virginia Hospital and Health Care Association, 11/14/18

## **FELLOWS TRAINED**

1. A. John Kuta, Diagnostic Neuroradiology, Medical College of Virginia, 1990-1991. Present position: Private practice, diagnostic neuroradiology, Henrico Doctors' Hospital, Richmond, VA.
2. Lloyd Hendrix, M.D., Interventional Neuroradiology, University of Virginia, 1991-1992. Present position: Private practice, diagnostic and interventional neuroradiology, Milwaukee, WI.
3. Andrew DeNardo, M.D., Interventional Neuroradiology, University of Virginia, 1992-1993. Present position: Private practice, interventional and diagnostic neuroradiology, Baptist Hospital, Indianapolis, IN.
4. John M. Mathis, M.D., M.S., Interventional Neuroradiology, University of Virginia, 1993-1995. Present position: Private practice, Lewis Gale Hospital, Roanoke, VA;
5. Avery J. Evans, M.D., Interventional Neuroradiology, University of Virginia, 1994-1996. Present position: Associate Professor of Radiology and Neurosurgery, University of Virginia, Charlottesville, VA
6. David F. Kallmes, M.D., Interventional Neuroradiology, University of Virginia, 1995-1997. Present position: Professor of Radiology, Mayo Clinic, Rochester, MN
7. Harry J. Cloft, M.D., PhD., Interventional Neuroradiology, University of Virginia, 1996-1998. Present position: Professor of Radiology, Mayo Clinic, Rochester, MN
8. Huy M. Do, M.D., Interventional Neuroradiology, University of Virginia, 1997-1999. Present position: Assistant Professor of Radiology, Stanford University, Stanford, CA
9. Jonas Goldstein, M.D., Interventional Neuroradiology, University of Virginia, 1997-1999. Present position: private practice, Asheville, NC.
10. William Marx, M.D., Interventional Neuroradiology, University of Virginia, 1998-2000. Present position: private practice, Asheville, NC.
11. John Short, M.D., Interventional Neuroradiology, University of Virginia,

1999-2001. Present position: private practice, Asheville, NC.

12. Nasser Razack, M.D., Interventional Neuroradiology, University of Virginia, 2000-2002. Present position: private practice, Sarasota, FL
13. Soma Sinha Roy, M.D., Interventional Neuroradiology, University of Virginia, 2001-2003. Present position: Assistant professor, University of Illinois, Chicago, IL
14. Alison Nohara, M.D., Interventional Neuroradiology, University of Virginia, 2002-2004. Present position: private practice, Spokane, WA
15. Wendy Zenzen, M.D., Interventional Neuroradiology, University of Virginia, 2004-2006.
16. Aaron Dumont, M.D., Interventional Neuroradiology, University of Virginia, 2005 -2007. Present position: Chairman, Department of Neurosurgery, Tulane, University, New Orleans, LA
17. Frank Sanderson, M.D., Interventional Neuroradiology, University of Virginia, 2005-2008. Present position: Private practice, Riverside Hospital, Newport News, VA
18. Morry Brown, M.D., Interventional Neuroradiology, University of Virginia, 2006-2008. Present position: Private practice, Greensboro, NC.
19. John Gaughen, M.D., Interventional Neuroradiology, University of Virginia, 2008-2010.
20. Pervez Khan, M.D., Interventional Neuroradiology, University of Virginia, 2008-2010
21. Derek Kreitel, M.D., Interventional Neuroradiology, University of Virginia, 2010-2012
22. Scott Geraghty, M.D., Interventional Neuroradiology, University of Virginia, 2010-2012
23. Ricky Medel, M.D., In-folded Endovascular Neurosurgery Fellowship, 2012-2013

24. Christopher Durst, M.D. Interventional Neuroradiology, University of Virginia, 2013-2015
25. Robert Starke, M.D., In-folded Endovascular Neurosurgery Fellowship, 2013-2014
26. Paul Schmitt, M.D., In-folded Endovascular Neurosurgery Fellowship, 2014-2015
27. Rob Hixson, M.D., Interventional Neuroradiology, University of Virginia, 2015-2017
28. Dan Raper, M.D., In-folded Endovascular Neurosurgery Fellowship, 2015-2016
29. Jean-Martin Gingras, M.D, Interventional Neuroradiology, University of Virginia, 2015-2017
30. Tom Buell, M.D., In-folded Endovascular Neurosurgery Fellowship, 2016-2017

#### **VISITING FELLOWS**

1. José Augustin Spada, M.D., Neurosurgeon, Cordoba, Argentina, 17 May-17 June 1994.
2. Jehad Al-Watban, M.D., Neuroradiologist, King Faisal Hospital, Saudi Arabia, 27 April-27 July, 1995.
3. Ning Xin, M.D., Neuroradiologist, Beijing Neurosurgical Institute, PR China, 13 July 98 - 13 Jan 99