

## **Brian Keith Brodwater, MD**

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### **BUSINESS ADDRESS:**

**Delaney Radiology**  
1025 Medical Center Drive  
Wilmington, North Carolina 28401

### **EDUCATION:**

**Dartmouth Medical School**  
Hanover, New Hampshire 03755  
**Doctor of Medicine**  
1989-1993

**University of Pennsylvania**  
Philadelphia, Pennsylvania 19104  
**Bachelor of Science in Engineering**  
**Major: Biomedical Engineering Minor: Electrical Engineering**  
1985-1989

### **INTERNSHIP:**

**University of North Carolina**  
Chapel Hill, North Carolina  
**Internal Medicine**  
1993-1994

### **RESIDENCY:**

**Duke University Medical Center**  
Durham, North Carolina  
**Diagnostic Radiology**  
1994-1998

### **FELLOWSHIP:**

**Duke University Medical Center**  
Durham, North Carolina  
**Vascular-Interventional Radiology**  
1998-1999

**EMPLOYMENT:**

**Delaney Radiology**  
1025 Medical Center Drive  
Wilmington, NC  
1999-present

**Partner & Senior Attending Radiologist**  
**Subspecializing in Interventional Radiology and Image-guided Surgery**  
**Chairman, Department of Radiology (2009 – 2011)**

**HONORS:**

**Clinical Instructor in Radiology, University of North Carolina**

New Hanover Regional Medical Center  
Wilmington, North Carolina  
**Chairman, Department of Radiology (2009 – 2011)**  
**Medical Director, Department of Radiology (2006-2008)**

Duke University Medical Center  
**Chief Resident, Diagnostic Radiology (1997-1998)**

Duke University Medical Center  
**Duke University Institutional Committee for Graduate Medical Education**  
**(1997-1998)**

Dartmouth Medical School  
**Graduated with Honors (1993)**

Dartmouth Medical School  
**George & Sophia Zaslow Prize (1993)**

Dartmouth Medical School  
**Rolf C. Syvertsen Scholarship (1992)**

Dartmouth Medical School / Norris Cotton Cancer Center  
**Clinical grant for research in neurosurgery (1990, 1991, 1992)**

Dartmouth Medical School  
**Admissions Committee (1990, 1991)**

University of Pennsylvania  
**Hexagon Engineering Honor Society (1989)**

**CERTIFICATION:**

**Board Certified: American Board of Radiology (1998) Diagnostic Radiology**  
**Board Certified: American Board of Radiology (2001) Vascular and Interventional Radiology**

**Certificate of Added Qualification: American Board of Radiology**  
**Vascular-Interventional Radiology (2001)**

**Diplomate: National Board of Medical Examiners (1994)**

**PROFESSIONAL AFFILIATIONS:**

Radiological Society of North America  
Society of Interventional Radiologists  
Southeastern Angiographic Society  
North Carolina Medical Society  
American College of Radiology

**LICENSURE:**

**State of North Carolina: 95-00026 (28 January 1995)**

**State of South Carolina: 19318 (1 July 1997)**

**State of Georgia: 101142 (24 July 2024)**

**DEA: BB4025373**

**PUBLICATIONS/PRESENTATIONS:**

**Brodwater BK**, Roberts DW, Nakajima T, Friets EM, Strohbehn JW: Extracranial application of the frameless stereotactic operating microscope: experience with lumbar spine. *Neurosurgery* 32(2);209-213, February 1993

Roberts DW, Nakajima T, **Brodwater BK**, Pavlidis J, Friets EM, Fagan E, Hartov A, Strohbehn JW: Further development and clinical application of the stereotactic operating microscope. *Stereotactic and Functional Neurosurgery* 58:114-117, September 1992

**Brodwater BK**, Erasmus JJ, McAdams HP, Dodd L: Case Report: Pericardial hemangioma. *Journal of Computed Assisted Tomography* 20(6):954-956, November/December 1996

Seabourn JT, **Brodwater BK**, Keogan MT, Manuel GA, Kurlyo WC, Paulson EK, Nelson RC: Helical CT of the liver: Evaluating the onset and slope of hepatic enhancement as parameters for scan initiation utilizing Smartprep (presented at *Society of Computed Body Tomography and Magnetic Resonance*, Scottsdale AZ, 3/18/1996)

**Brodwater BK**, Martinez S: Pigmented villonodular bursitis: Clinical, pathologic and radiologic features (presented at *American Roentgen Ray Society*, Boston, MA 5/5/1997)

**Brodwater BK**, Queiroz R: Young male with atypical chest pain and abnormal chest radiograph. *Academic Radiology* 5(1):69-71, January 1998

**Brodwater BK**, Major NM, Goldner RD, Layfield LL: Macrodystrophia lipomatosa with associated fibrolipomatous hamartoma of the median nerve. *Pediatric Surgery International* 16(3):216-218, March 2000

Smith TP, **Brodwater BK**, Newman GE, Payne C, Suhocki PV, Davey I: Survey results for current evaluation of pulmonary thromboembolism. (presented at *Radiologic Society of North America* 12/3/1997)

**Brodwater BK**, Silber JS, Smith TP, Chao NJ, Suhocki PV, Ryan JM, Newman GE: Conversion of indwelling chest port catheters to tunneled central venous catheters. (presented at the *Society of Cardiovascular & Interventional Radiologists*, Orlando, FL 3/20/1999) *Journal of Vascular Interventional Radiology* 11:1137-1142 October 2000

Meglin A, **Brodwater BK**, Kepner B, Schoepel K, Weeks S: Peritoneal ports for treatment of malignant ascites. (presented at *Society of Cardiovascular & Interventional Radiologists*, San Antonio, TX 3/3/2001)

Kepner B, Meglin A, Scialabba FA, **Brodwater BK**, Jones S: Thrombolysis in 88 cases of catheter directed TPA, RPA and Reopro. (presented at *Society of Cardiovascular & Interventional Radiologists*, San Antonio TX 3/7/2001)

Smith TP, Ryan JM, **Brodwater BK**: Acute pulmonary thromboembolism: comparison of the diagnostic capabilities of conventional film-screen and digital angiography. *Chest* 122(3):968-872, September 2002