

Bryan D. Walker, MHS, PA-C

- Certification** NCCPA
Maryland Lic.
DEA
- Education** **Quinnipiac College** Hamden, CT
Physician Assistant Program 1996-1998
Master's of Health Science
- Northeastern University** Boston, MA
B.S., Neuroscience 1993 with Honors
- Societies** **American Academy of Physician Assistants**
Maryland Academy of Physician Assistants
- Experience** **Bay Area Neuology** 09/08 – Present
Physician Assistant Responsible for the diagnosis and treatment of patients with neurological diseases in both the inpatient and out-patient settings.
- National Institutes of Health, NINDS** 10/07 – 08/08
Physician Assistant Surgical Neurology Branch
Conduct detailed history and physical examinations, order and interpret diagnostic tests, and develop treatment plans including patient education.
Screen prospective patients for eligibility in research protocols and clinical trials. First assist in the performance of diagnostic and therapeutic procedures.
- Georgetown University Hospital** 07/06 – 10/07
Physician Assistant Section of Interventional Neuroradiology, Dept. of Radiology
Conduct detailed history and physical examinations, order and interpret diagnostic tests, and develop treatment plans including patient education. Conduct pre-procedural patient assessment, consultation, and post-procedure follow up.
First assist in the performance of diagnostic and therapeutic procedures. Screen prospective patients for eligibility in research protocols and clinical trials.
- Medical University of South Carolina** 10/04-06/06
Physician Assistant Section of Interventional Neuroradiology, Dept. of Radiology
Conduct detailed history and physical examinations, order and interpret diagnostic tests, and develop treatment plans including patient education. Conduct pre-procedural patient assessment, consultation, and post-procedure follow up. First assist in the performance of diagnostic and therapeutic procedures. Screen prospective patients for eligibility in research protocols and clinical trials.
Assistant Professor Physician Assistant Program
Instruct and coordinate didactic lectures and problem based learning labs concentrating in neurophysiology, neuropathology and radiology.
Advise graduate students through both didactic and clinical phases.
- Coastal Neurology** 10/03-10/04
Physician Assistant Responsible for the diagnosis and treatment of patients with neurological diseases in both the inpatient and out-patient settings. Participate in all aspects of clinical research including study design, protocol proposal, physical exams, data retrieval, analysis and reporting. Performing multiple protocols simultaneously for in-house and contracted studies.
- Yale University School of Medicine** 3/01-9/03
Physician Assistant Interventional Neuroradiology, Dept. of Diagnostic Imaging

Conduct pre-procedural patient assessment, consultation, and post-procedure follow up.
First assist in the performance of diagnostic and therapeutic procedures.
Screen prospective patients for eligibility in research protocols and clinical trials.

Physician Assistant (Per-diem) Emergency Medicine 5/02-9/03

Conduct focused history and physical for a wide range of emergent and urgent care issues. Order diagnostic tests including radiographic and laboratory tests. Perform and or request therapeutic interventions based upon clinical judgment, including but not limited to prescribing medication, suturing, and splinting.

Bristol-Myers Squibb Company 6/00-3/01
Pharmaceutical Research Institute, Clinical Research and Development
5 Research Parkway Wallingford, CT 06492-7660

Clinical Scientist, Neuroscience - Stroke

Perform and facilitate pre-study and study presentations to investigating clinicians. Orient site personnel to study protocols and procedures, CRF completion, FDA regulations and BMS SOPs. Oversee multiple protocols at a variety of sites, interact with regional monitoring group. Prepare and submit Serious Adverse Event, Death, and Discontinuation narratives for FDA.

The New England Center for Headache and Research Institute 9/98-6/00
778 Long Ridge Road Stamford, CT 06902-1249 (203) 968-1799

Physician Assistant

Responsible for the diagnosis and treatment of patients with neurological diseases especially pertaining to primary headache disorders in both the inpatient and out-patient settings. Participate in all aspects of clinical research including study design, protocol proposal, physical exams, data retrieval, analysis and reporting. Performing multiple protocols simultaneously for in-house and contracted studies.

Academic Appointments

George Washington University School of Medicine and Health Sciences, Clinical Instructor

References available upon request.

Abstracts and Publications

Walker, B.D. and Segal, S.S. Conduction of vasodilation but not vasoconstriction in isolated feed arteries. Presented 5/96 at the Microcirculatory Society Meeting in Bethesda, MD.

Segal, S.S. and Walker, B.D. Conducted vasodilation in isolated hamster feed arteries: effects of pressure and norepinephrine. Presented 8/96 at the Sixth World Congress for Microcirculation in Munich, Germany.

Walker, B.D. and Segal, S.S. Role of smooth muscle activation in conduction of vasodilation along hamster feed arteries. *J. Vasc. Res.* 1998;35:405-412.

Walker, B.D., Sheftell, F.S., Rapoport, A.R. Primary Headache Disorders: An Overview for Primary Care Providers. *The Pain Clinic* Dec. 1999; 1,3:10-16.

Sheftell, F., Rapoport, A., Walker, B., Gammerman, I., Weeks, R., Baskin, S. Leukotriene (LK) Antagonists in the Prophylaxis of Migraine: A Potential Role for a New Class of Agents. *Headache*. 1999; 39,5:381.

Sheftell, F., Billings, C., Block, M., Cady, R., Kaniecki, R., Solomon, S., Walker, B. Headache Management Program For The Primary Care Physician Workbook. June 1999.

Sheftell, F., Rapoport, A., Weeks, R., Walker, B., Gammerman, I., Baskin, S. Montelukast in the Prophylaxis of Migraine: A Potential Role for Leukotriene Modifiers. *Headache* 2000;40:158-163.

Johnson, M.J., Kubal, W.S., Holt, D.A., Walker, B.D., Huddle, D.C. The Circle of Willis and Beyond: The Importance of Collateral Pathways on Clinical Manifestations, Diagnosis and Intervention in Cerebrovascular Disease. Poster Presentation 2001.

Johnson, M.J., Ozduman, K., Walker, B.D., Gunel, M., Reeves, A. Native and iatrogenic major vascular occlusion: Pathophysiologic consequences and therapeutic efficacy. Poster Presentation December 2002, Radiologic Society of North America Chicago.

Walker, B, Johnson R, Fahey, J, Pollack, J, Duncan C, Johnson, M.H. Vertebral Artery to Jugular Vein Fistula: an Unusual Cause of Cardiac Murmur in Childhood. Poster Presentation 2002, Association of Head and Neck Radiology Cleveland.

Walker, B and Deveikis J. Endovascular treatment of intracranial aneurysms. *JAAPA* 2006; 19(11): 46-52.

Walker, B and Hewett, M. Chapter 10: Neurology in Appleton and Lange's Physician Assistant, 5th ed. Simon and Miller, Eds. 2007.

Walker, B, Sato, S, Wiggs, E, Heiss, J. Use of Intraoperative Magnetic Resonance Imaging and Cortical Mapping to Preserve Language in a Bilingual Female with a Left Temporal Lobe Tumor. Poster Presentation 2008, American Academy of Physician Assistants, San Antonio, TX.