



Jonathan Darrell Couch, D.O.

Spine Fellowship

Semmes-Murphey Neurology and Spine Institute, Memphis, TN

July 2015 – June 2016 (Anticipated)

- Worked alongside Dr. Kevin T. Foley; expert minimally invasive spine surgeon and innovator
- Gained skills in the precise diagnostic process of patients afflicted with spinal disease
- Gained extensive insight into proper patient selection and the surgical planning and decision making process.
- Hands-on experience using minimally invasive operative techniques, specifically working through a tubular retractor system.

Neurosurgery Residency

Hackensack University Medical Center, Hackensack, NJ

Saint Barnabas Medical Center, Livingston, NJ

July 2009 - June 2015

- Gained extensive intraoperative and perioperative experience in the practice of general neurosurgery as well as in the various neurosurgical subspecialties including: pediatric, epilepsy, complex spine, vascular, skull base and functional neurosurgery.
- Gained the overall necessary skills to be a well-rounded general neurosurgeon.
- In April 2015, spent the month training in Prague where I gained experience in how surgery is performed in a more socialized setting and how to be more cost effective in the operating room.

Neurosurgery Internship

Saint Barnabas Medical Center, Livingston, NJ

July 2008 - June 2009

- Exposed to six months of neurosurgery
- Began taking on the responsibility and developing decision making skills required to be a neurosurgeon very early on in training.
- Underwent training in other specialties including emergency medicine, internal medicine, general surgery, neurology and pediatrics.

Medical Education

Kentucky College of Osteopathic Medicine (KYCOM)

D.O.

Pikeville, KY

August 2004 - May 2008

- Top ten student in graduating class
- Scored well above average on all three Complex exams



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Undergraduate Education

University of Kentucky
B.S. in Biology
Lexington, KY
August 2000 - May 2004
▪ Cum Laude graduate

Research

Peer Review Scientific Articles

1. Couch, Jonathan D. DO; Gilman, Arthur M. MD; Doyle, Werner K. MD. Long-term Expectations of Vagus Nerve Stimulation: A Look at Battery Replacement and Revision Surgery. Neurosurgery. 2015.

Abstracts and Poster Presentations

1. Couch, JD, Doyle, W. Vagus Nerve Stimulator Revisions - A Review of 526 Revisions and Removals. Digital Poster Presentation. Congress of Neurologic Surgeons Annual Meeting. 2013
2. Couch, JD, Doyle, W. Vagus Nerve Stimulator Revisions - A Review of 526 Revisions and Removals. Poster Presentation with lecture. American College of Osteopathic Surgeons. 2013
3. Couch, JD, Hubschmann, O.R., Fried, A. Newly Categorized, Highly Malignant Childhood Brain Cancer. New York State Osteopathic Medical Society, EROC 2011.

Licenses

New Jersey State Medical License. Expires 2017.
Tennessee State Medical License. Expires 2017.

Awards

James E. Campbell, D.O., Award This award is presented by the James E. Campbell Education Fund to a deserving medical school graduate from the Appalachian region of Kentucky. May 2008.

Recognition

Communicating Effectively with Patients and Families

Recognized by the executive director of Saint Barnabas Medical Center, Dr. Bonamo, for providing optimal patient care through communication. Dr. Bonamo writes, "When speaking to patients, you understand what needs to occur – including introducing yourself, making eye contact and being receptive to questions." January 2011.

Membership

Associate Member of the Congress of Neurological Surgeons (CNS)
American College of Osteopathic Surgeons (ACOS)
American Osteopathic Association (AOA)



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Philanthropy



Founded and is the current president of a non-profit organization known as Anonymous Hope (AH). The mission of AH is to reduce poverty in Appalachia through empowerment and educational assistance. Currently, the organization has a scholarship program, which awards poverty-stricken high school seniors who are very motivated and are wishing to further their education with a renewable \$15,000 scholarship.

Travel

The environment we live in with the cultural, political and economic forces that make it up limit us. To overcome this limitation I have made an effort to travel to various locations both domestic and international, which so far has included: Washington D.C., New York City, Boston, Chicago, Nashville, Charleston, Miami, Key West, San Francisco, Los Angeles, Bakersfield, Reno, Las Vegas, Fort Worth, Prague, Paris, Florence, Almalfi, Rome, Venice, Bahamas, San Juan, and St. Lucia.

Computer Skills

Electronic Medical Record software: Epic, Cerner
Typing: 55 WPM
Video Editing Software: used to edit operating room video footage
Power Point, Excel