

# ROSS E. BARKER, D.O.

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(404) 550-9781

## PROFESSIONAL EXPERIENCE

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**Innovative Pain and Wellness**, Scottsdale, AZ 2020-present  
*Interventional Pain Management Physician*

**Village Medical/Summit Medical Group Arizona**, Glendale, AZ 2019-2020  
*Interventional Pain Management Physician*

**Pain Consultants of Arizona**, Phoenix, AZ 2018-2019  
*Interventional Pain Management Physician*

## MEDICAL TRAINING

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**Harvard Medical School, Beth Israel Deaconess Medical Center**, Boston, MA 2016-2017  
*Pain Medicine Fellowship*

- Fellowship program recipient of Pain Medicine Fellowship Excellence Award by the American Academy of Pain Medicine in 2015
- Performed extensive interventional procedures, including spinal cord stimulator trials and implants, vertebral augmentation, and variety of spinal and peripheral nerve blocks
- Gained thorough understanding of pediatric pain conditions during rotation at Boston Children's Hospital
- Acquired skills to manage cancer pain and worked alongside palliative care specialists
- Assisted in training medical students and residents rotating at pain clinic

**Tufts University School of Medicine, St. Elizabeth's Medical Center**, Boston, MA 2013-2016  
*Anesthesiology Residency*  
*Chief Resident 2015-2016*

- Outstanding Resident Award 2015-2016
- Recipient of award for highest In-Training examination score in CA-1 class; scored 92<sup>nd</sup> percentile nationally among all CA-1 residents
- Elected by anesthesiology department to be advisor to incoming residents
- Received extensive training during rotations at Boston Children's Hospital and Massachusetts Eye and Ear Infirmary

**Tufts University School of Medicine, Beth Israel Lahey Health**, Burlington, MA 2012-2013  
*Internal Medicine Preliminary Year Internship*

## EDUCATION

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**University of New England College of Osteopathic Medicine**, Biddeford, ME 2008-2012  
*Doctor of Osteopathic Medicine*

- President, American Medical Association, local chapter
  - Organized functions on campus and in the community to bring awareness to the significance of preventative medicine
  - Represented colleagues and medical school at national conference
  - Managed large team of over 100 students
- Treasurer, Orthopedic Medicine Club
- Treasurer, Sports Medicine Club

- Mentor, Pediatrics Club

**Boston University School of Medicine, Boston, MA** 2007-2008

*M.A., Medical Sciences*

- Thesis: "2-[18F] Fluoro-2-Deoxy-D-Glucose and Positron Emission Tomography Scan to Predict Alzheimer's Disease"

**Emory University, Atlanta, GA** 2003-2007

*B.A., Economics with Concentration in Finance*

- Elected member of Omicron Delta Epsilon – International Honor Society of Economics
- Emory College Dean's List

**Institute for the International Education of Students, Milan, Italy** Fall 2005

- Studied Italian language, history, literature, and culture

RESEARCH EXPERIENCE / PRESENTATIONS

**Brigham and Women's Hospital, Boston, MA** 2006-2007

*Research Assistant to Steven Gullans, Ph.D. and David Sugarbaker, M.D.*

- Identified sequence level lesions in cancer transcriptomes using most recent technology and analyzed potential novel variants in transcripts
- Contributed to publication: Sugarbaker DJ, Richards WG, Gordon GJ, et al. Transcriptome sequencing of malignant pleural mesothelioma tumors. Proc Natl Acad Sci USA. 2008;105(9):3521-3526.

**Hypoxic Pulmonary Vasoconstriction** 2016

*Grand Rounds Presentation, Lahey Hospital & Medical Center, Burlington, MA*

**Pseudocholinesterase Deficiency** 2015

*Grand Rounds Presentation, St. Elizabeth's Medical Center, Boston, MA*

**Aortic Stenosis** 2014

*Grand Rounds Presentation, St. Elizabeth's Medical Center, Boston, MA*

**Chronic Regional Pain Syndrome** 2011

*Grand Rounds Presentation, Illinois Masonic Medical Center, Chicago, IL*

CERTIFICATIONS

Board Certified in Anesthesiology by American Board of Anesthesiology  
 Board Certified in Pain Medicine by American Board of Anesthesiology  
 ACLS, BLS

MEMBERSHIPS

American Society of Anesthesiologists  
 Arizona Osteopathic Medical Association

ACTIVE STATE LICENSES

Arizona, Massachusetts