



## Bradley Segebarth, MD

### Bio

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Dr. Segebarth specializes in treating disorders of the spine. After graduating orthopedic surgery residency at Vanderbilt University Medical Center, he completed a spine surgery fellowship at OrthoCarolina. He then practiced spine surgery in Knoxville, TN at UTMC for two years before returning to Charlotte. He now serves as the Director of the OrthoCarolina Spine Fellowship Program. He has published numerous scientific articles on spine surgery and has a passion for teaching. He serves as a reviewer for multiple peer-reviewed spine journals. Dr. Segebarth is actively involved with AO Spine North America and has served in national roles on the AOSNA Fellowship Committee, and currently the AOSNA Education Committee. His clinical interests include complex spine reconstruction, degenerative spine conditions, scoliosis, and spine trauma. Outside of work, Dr. Segebarth enjoys time with his wife and four children participating in outdoors, athletics, and traveling.

**P: 704-323-2225**

#### Patient Rating:

4.7 out of 5 Stars

### LOCATIONS

- Concord
- Spine Center - Charlotte
- University

### CLINICAL SPECIALTIES

- Spine

### Education

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- **University of Kentucky** -- *Bachelor of Science*
- **University of Kentucky College of Medicine** -- *Doctor of Medicine*
- **Vanderbilt University Medical Center** -- *Residency*
- **OrthoCarolina Spine Center** -- *Fellowship, Spine Surgery*

### Practice

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- 2003-present Vanderbilt Orthopaedic Society
- 2003-2007 Alpha Omega Alpha Honor Medical Society
- 2012-present North Carolina Spine Society
- 2012-present Cervical Spine Research Society
- 2016, 2017 - Annual Meeting Program Committee
- 2012-2017 North American Spine Society (inactive)
- 2013-present Fellow, American Academy of Orthopaedic Surgery
- 2014-present Lumbar Spine Research Society

- 2014-2015 - Education Committee.
- 2018-2020 – Fellowship Committee
- 2021-present AO Spine North America Faculty
- 2021-current – Education Committee

## Awards

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- Otis A. Singletary Scholarship, full tuition four-year merit scholarship
- Howard Hughes Medical Institute research grant for summer 1996
- Howard Hughes Medical Institute research grant for fall 1996 and spring 1997
- Graduated summa cum laude, first in class Medical School
- Dean's Recruitment Scholarship, full tuition four-year renewable merit scholarship
- Wilson Sebastian Jr. M.D. Memorial Scholarship, four-year renewable
- Academic Excellence Scholarship
- AOA chapter Vice President
- Graduated first in class

## Research

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- Segebarth B, Zimmer S “Translational Regulation of mRNA in Human Breast Cancer.” Transactions of the Kentucky Academy of Science. 58:1 (1997): 46-47
- Segebarth B, Limbird T “Perioperative Acute Upper Airway Obstruction Secondary to Severe Rheumatoid Arthritis.” Journal of Arthroplasty. 22:6 (2007): 916-919.
- Segebarth B, Datta J, et al “Incidence of Dysphagia Comparing Cervical Arthroplasty and ACDF.” SAS Journal. 4:1 (2010): 3-8. • Segebarth P.B., Darden B; Dysphagia: Perioperative Risk Factors, Diagnosis, and Treatment. Handbook of Pharyngeal Diseases: Etiology, Diagnosis and Treatment, Nova Science Publishing, Hauppauge, NY (2012)
- Segebarth B, Kurd M, Haug P, Davis R “Routine Upright Imaging for Evaluating Degenerative Lumbar Stenosis: Incidence of Degenerative Spondylolisthesis Missed On Supine MRI” JSDT 2014Oct 28
- Bible JE, Kay JF, Shau DN, O'Neill KR, , Segebarth PB, Devin CJ. “What patient characteristics could potentially affect your patient satisfaction scores during spine clinic?” Spine 2014 Apr 2
- Mendoza M, Odum S, Baluch D, Milam R, Segebarth B, Darden B, Laxer E, Chapman T, Spector L “Is There an Association Between Patients'

Expectations and Satisfaction Scores in an Outpatient Setting?” The Spine Journal. 17(10): S114 2017

- Laxer EB, Brigham CD, Darden BV, Segebarth PB, Milam RA, Rhyne AL, Odum SM, Spector LR “Adjacent segment degeneration following ProDisc-C total disc replacement (TDR) and anterior cervical discectomy and fusion (ACDF): does surgeon bias effect radiographic interpretation?” Eur Spine J (2017) 26:1199-1204.
- Jean-Christopher A. Leveque, MD, Bradley Segebarth, MD, Samuel R. Schroerlucke, MD, Nitin Khanna, MD, John Pollina, Jr., MD, Jim A Youssef, MD, Antoine G. Tohmeh, MD and Juan S. Uribe, MD. “A Multicenter Radiologic Evaluation of the Rates of Preoperative and Postoperative Malalignment in Degenerative Spinal Fusions,” Spine, July 2018, Volume 43, Number 13. Pp: E782 - E789
- Curtin BM, Odum SM , Segebarth, PB, OrthoCarolina Quality Improvement Committee. Unintended Bundle Payments for Care Improvement Consequences After Removal of Total Knee Arthroplasty From In-Patient Only List. J Arthroplasty. 2019 Feb 27
- Berger R, Bulloch L, Hysong A, Huggins B, Horan N, VanDerNoord R, Segebarth B. “Establishing a common language for lumbar transforaminal epidural steroid injections”. Journal of Spine Surgery 7(4):467-474 2020
- McConda D, Odum S, Chapman M, Segebarth B. “P98. Radiographic sagittal alignment in the asymptomatic elderly: what is normal for age?” The Spine Journal. 20(9):S193 2020 • Sembrano JL, Miguel JS, Yson S, Laxer E, Prasher A, Schroerlucke S, Leveque JC, Segebarth B, Khanna N “142. A prospective multicenter evaluation of the relationship between standing and recumbent spinopelvic alignment in the supine, lateral or prone position”
- The Spine Journal. 21(9):S71 2021 PRESENTATIONS AT PROFESSIONAL MEETINGS • Hartford, Segebarth, Shapiro, Brindle, Moncer, McCrory “Mobile-Bearing and Posterior-Substituting Knee Replacements: A Gait Analysis” poster presentation at Mid-America Orthopaedic Association 4/2002 Tucson AZ and American Academy of Orthopaedic Surgeons 2/2002 Dallas TX
- Segebarth B. “Dynamic Imaging in Lumbar Stenosis”. Presented to Vanderbilt Orthopaedic Society, San Destin FL, 3/2007 • Segebarth B, et al. “Incidence of Dysphagia Comparing Cervical Arthroplasty and ACDF”
- Presented to AO Spine North America Fellows’ Symposium, Banff Canada, 4/2008 • Bui T, Spector L, Odum S, Darden B, Segebarth B, Patti J, Milam A, Brigam C, Rhyne A, Laxer E. Adjacent Segment Degeneration following ProDisc-C Total Disc Replacement and Anterior Cervical Discectomy and

Fusion: Does Surgeon Bias Effect Radiographic Interpretation? Presented by T. Bui at CSRS 2012

- Segebarth B, Davis R “Importance of routine upright imaging for evaluating degenerative lumbar stenosis: Incidence of degen