

Nicholas Brandl Rossi, MD
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Education

2011 – Present Neurological surgery residency
Semmes-Murphey Neurologic and Spine Institute
The University of Tennessee Health Science Center
Memphis, Tennessee
Program Director: L. Madison Michael, MD
Anticipated completion 6/2017

2016 (Feb - Aug) International spinal surgery fellowship
Mentor: Crispin Wigfield, FRCS
North Bristol National Health Service Trust
Bristol, England

2007 – 2011 Doctor of medicine
Indiana University School of Medicine
Indianapolis, Indiana

2004 – 2007 Bachelor of Science
Major: Biological sciences, Minor: Economics
Illinois Wesleyan University
Bloomington, Illinois

Professional Licensure

Texas Medical Board
2017 – Present Texas Medical Board - Full medical license

American Board of Neurological Surgeons Board Certification
2013 Primary written board examination: Pass

United States Medical Licensing Examination
2011 Step 3: Pass
2011 Step 2 CS: Pass
2011 Step 2 CK: Pass
2009 Step 1: Pass

Academic Activity

Clark A, Safae M, Rossi N, Gordon W, Foley K. Lumbar Lordosis After One and Two-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion. Ongoing work.

Khan N, Rossi N, Patel P, Sorenson J, Foley K. Comparison of minimally invasive vs. open microdiscectomy outcomes from N2QOD data. Ongoing work.

Khan N, Rossi N, Patel P, Sorenson J, Foley K. Comparison of minimally invasive vs. open transforaminal lumbar interbody fusion outcomes from N2QOD data. Ongoing work.

Khan N, Rossi N, Foley K. A single surgeon retrospective analysis of low dose rhBMP-2 in anterior cervical spine surgery: An analysis of clinical outcomes and side effects. Ongoing work.

Iftikhar S, Rossi N, Goyal N, Khan N, Arthur A, Zand R. Magnetic Resonance Imaging Characteristics of Hyperacute Intracerebral Hemorrhage. *J Vasc Interv Neurol*. 2016 Oct;9(2):10-13.

Venable G, Rossi N, Morgan Jones G, Khan N, Smalley Z, Roberts M, Klimo P Jr. The Preventable Shunt Revision Rate: a potential quality metric for pediatric shunt surgery. *J Neurosurg Pediatr*. 2016 Jul;18(1):7-15.

Khan N, Clark A, Lee S, Venable G, Rossi N, Foley K. Surgical Outcomes for Minimally Invasive vs Open Transforaminal Lumbar Interbody Fusion: An Updated Systematic Review and Meta-analysis. *Neurosurgery*. 2015 Dec;77(6):847-74.

Rossi N, Khan N, Jones T, Lepard J, McAbee J, Klimo P Jr. Predicting shunt failure in children: should the global shunt revision rate be a quality measure? *J Neurosurg Pediatr*. 2016 Mar;17(3):249-59.

Popowich D, Vavra A, Walsh C, Bhikapurwala H, Rossi N, Jiang Q, Aalami O, Kibbe M. Regulation of reactive oxygen species by p53: implications for nitric oxide-mediated apoptosis. *Am J Physiol Heart Circ Physiol*. 2010 Jun;298(6):H2192-200.

Kapadia M, Flannery W, Rossi N, Jiang Q, Kibbe, M. Nitric oxide inhibits de-ubiquitination by isopeptidase T. *Journal of Surgical Research*, Volume 137, Issue 2, Pages 175-175 (2007)