

Michael Benjamin Hopkins

Vanderbilt University Medical Center
Department of General Surgery
1161 21st Avenue South
D5248 Medical Center North
Nashville, TN 37232-2543
ben.hopkins@vanderbilt.edu
Tel: (615) 343-4612
Fax: (615) 343-4615

Education

Davidson College (Davidson, NC) Bachelor of Arts, 1994 (Philosophy)
University of North Carolina (Charlotte, NC) Graduate studies (Literature/Chemistry), 1991 – 1993
University of North Carolina (Chapel Hill, NC) Graduate studies (Biology), 1996 – 1998
Wake Forest University School of Medicine (Winston-Salem, NC) Medical Doctor, 2004

Residency and Fellowship

Ochsner Clinic Foundation (New Orleans, LA) General Surgery Residency, July 2004 – June 2009
John S. Bolton, MD – Chairman
Ochsner Clinic Foundation (New Orleans, LA) Colorectal Surgery Fellowship, July 2009 – June 2010
David E. Beck – Chairman

Licensure

Louisiana State Board of Medical Examiners (June 2006 - current). License number MD.200935
North Carolina Medical Board (August 2010 - current). License number 2010-01484
Tennessee Department of Health (June 28, 2016 - current). License number 54608
American Board of Surgery: Certificate number 56023 (May 2011 - July 2021)
American Board of Colon and Rectal Surgery: Certificate number 2204 (September 2011 - December 2021)

Faculty Appointments

Assistant Professor of Surgery, Department of Surgery, Vanderbilt University Medical Center
(October 2016 – present)
Assistant Professor of Surgery, Department of Surgery, Duke University Medical Center
(September 2010 – September 2016)
Director of Colorectal Surgery, Department of Surgery, Durham Veteran Affairs Medical Center
(December 2013 – October 2015)

Hospital Appointments

Vanderbilt University Medical Center – 1211 Medical Center Drive, Nashville, TN, 37232 (October 2016 – present)
Duke Raleigh Hospital - 3404 Wake Forest Road, Raleigh, NC 27609 (September 2010 – September 2016)
Duke University Medical Center - 2301 Erwin Road, Durham, NC 27710 (September 2010 – September 2016)
Durham VA Medical Center - 508 Fulton Street, Durham, NC 27705 (February 2011 – September 2016)

Research Employment

Duke University Medical Center - 2301 Erwin Road, Durham, NC 27710 (1996 – 2000)

Professional Organizations

American College of Surgeons (Fellow since 2012)	2004 – present
The Piedmont Society of Colon and Rectal Surgeons	2010 – present
American Society of Colon and Rectal Surgeons (Fellow since 2015)	2011 – present
Young Surgeons Committee	
Regional Society Committee	

Professional Activities

Duke Raleigh Hospital Medical Staff Review Committee	2012 – 2016
Duke Raleigh Hospital Medical Staff Information Technology Committee	2012 – 2015
Duke Raleigh Hospital Patient Safety and Clinical Quality Council	2012 – 2016
Duke Raleigh Hospital Endoscopy Services Committee	2012 – 2016
Duke Raleigh Hospital Provider Advisory Council	2013 – 2015
Duke Raleigh Hospital Surgical Governance Committee	2014 – 2016
Voted to “Member at large” for the Duke Raleigh Medical Executive Committee	2016
Moderator: ePoster of Distinction. ASCRS Annual Scientific Meeting	2016

Professional Awards and Special Recognitions

Physician Champion of Service Excellence Duke Raleigh Hospital	2011
Nominated for Master Clinician/Teacher Award Duke University Medical Center, Surgical Residency Program	2015

Teaching Activities

Resident Education Duke University Medical Center	2010 - 2016
• Organized and taught the resident training lab for laparoscopic right hemicolectomy with intracorporeal anastomosis in the Duke Vivarium pig lab	
• Organized and taught the resident training lab for performing colonoscopies	
• Taught basic colorectal office based procedures in the “JAR school” for PGY-2 residents	
Nursing Education: Duke Raleigh Hospital	2010 - 2016
• Organized and lectured on various topics pertaining to colorectal surgery for nursing staff in the operating room, wards, intensive care unit, and recovery units.	
Resident Education Duke Raleigh Hospital	2013 - 2016
• Developed and organized the resident didactic curriculum in Raleigh based on the Surgical Council on Resident Education	
• Lecturer with the above didactic curriculum	

Speaking Engagements:

Duke Raleigh Hospital Primary Care Symposium “Bread and butter anorectal surgery”	Nov. 12, 2011
Triangle Area Perianesthesia Nurse Association “Polish Your Perianesthesia practice: Rectal cancer care and treatment”	Feb. 4, 2012
Duke University Medical Center Gastroenterology Grand Rounds Lecture “Benign anorectal disease”	Sept. 5, 2013
Eastern North Carolina Society of Gastroenterology Nurses and Associates “Benign anorectal disease”	Apr. 12, 2014
Duke University Medical Center Gastroenterology Grand Rounds Lecture “Diverticulitis: pushing the envelope...”	June 11, 2014
The Piedmont Society of Colon and Rectal Surgeons “Diverticulitis – to operate or not operate...”	Aug. 1, 2014
American Society of Colon and Rectal Surgery (Annual Scientific Meeting) “Fistulotomy – does it still have a place?”	June 2, 2015
Duke Cancer Review 2015 “Minimally invasive colorectal surgery”	July 17, 2015

Publications:

1. Brewer RP, Parra A, Borel CO, **Hopkins MB**, Reynolds JD. Intravenous magnesium sulfate does not increase ventricular CSF ionized magnesium concentrations of patients with intracranial hypertension. *Clinical Neuropharmacology* (2001) 24: 341-345.
2. Cherwek DH, **Hopkins MB**, Thompson MJ, Annex BH and Taylor DA. Chronic hindlimb ischemia results in differential expression of angiogenic peptides in glycolytic and oxidative skeletal muscle. *American Journal of Physiology: Heart, Circulation Physiology*. 279: H932-H938, 2000.
3. Hutcheson KA, Atkins BZ, Hueman MT, **Hopkins MB**, Glower DD and Taylor DA. Comparison of benefits on myocardial performance of cellular cardiomyoplasty with skeletal myoblasts and fibroblasts. *Cell Transplant*. 2000 May-Jun; 9(3):359-68.
4. Reynolds JD, Booth JV, de la Fuente S, Punnahitananda S, McMahon RL, **Hopkins MB**, Eubanks WS. Review of laparoscopy for non-obstetric related surgery during pregnancy. *Current Surgery*. (2000) 60:164-173.
5. Westcott CJ, **Hopkins MB**, Bach K, Postma GN, Belafsky PC, Koufman JA. Fundoplication for laryngopharyngeal reflux disease. *Journal of the American College of Surgeons*. Volume 199, Issue 1 , July 2004, 23-30.

Book Chapters:

1. **Hopkins MB**, Timmcke AE. Miscellaneous Conditions (Chapter 15): Improved outcomes in colon and rectal surgery. Whitlow, Beck, Margolin, et al, eds. Informa 2009; 154.
2. Englum B, **Hopkins MB**, Migaly J. Technical Challenges: Reoperative Surgery (Chapter 20): Minimally Invasive Approaches to Colon and Rectal Disease. Ross, Lee, Mutch, Rivadeneira, Steele, eds. Springer Publishers 2015; 221-235
3. **Hopkins MB**, Whitlow CB. Lower Gastrointestinal Bleeding (Chapter 3): Surgery of the Anus, Rectum, and Colon 4th edition. CRC Press (pending publication: July 2017)

Podium Presentation:

1. **Hopkins MB**. Robotic parastomal hernia repair with overlying biologic mesh. ASCRS Annual Scientific Meeting, Los Angeles, California: April 30 - May 4, 2016

Abstracts:

1. Atkins BZ, Hutcheson KH, Hueman MT, Cottman MJ, Meuchel JM, **Hopkins MB**, Glower DD and Taylor DA. Autologous skeletal myoblast transplantation improves myocardial performance in severely infarcted rabbit myocardium. Accepted for podium presentation at the 85th Clinical Congress of the American College of Surgeons, San Francisco, California. August 10th-15th, 1999.
2. Brewer RP, Parra A, Borel CO, **Hopkins MB**, Reynolds JD. Systemic Magnesium Sulfate Infusion Does Not Increase Ventricular Cerebrospinal Fluid Ionized Magnesium Concentration in Patients with Intracranial Hypertension. IARS 75th Clinical and Scientific Congress, March 2001.
3. Cherwek DH, **Hopkins MB**, Hutcheson KA, Seaber A, Chen L, Taylor DA and Urbaniak JR. Myoblast-mediated delivery of the angiogenic molecule VEGF to injured skeletal muscle. Accepted for podium presentation at the 85th Clinical Congress of the American College of Surgeons, San Francisco, California. August 10th-15th, 1999.
4. Cherwek DH, **Hopkins MB**, Hutcheson KA, Urbaniak JR and Taylor DA. Relieving exercise intolerance secondary to heart failure: myoblast-mediated delivery of the vascular endothelial growth factor, VEGF, to ischemic skeletal muscle. (Poster presentation) Journal of Cardiac Failure (Supplemental): in press; 1999.
5. Cherwek DH, **Hopkins MB**, Chen L, Seaber A, Taylor DA and Urbaniak JR. Transplanted myoblasts can over-express vascular endothelial growth factor, VEGF, and significantly improve the microcirculation of injured skeletal muscle. Accepted for podium presentation at the American Society for Reconstructive Microsurgery, Miami, Florida. January 2000.
6. Cherwek DH, **Hopkins MB**, Hutcheson KA, Urbaniak JR and Taylor DA. Relieving exercise intolerance secondary to heart failure: myoblast-mediated angiogenesis via VEGF delivery to ischemic skeletal muscle. Accepted for podium presentation at the 1999 American Heart Association.
7. Cherwek DH, **Hopkins MB**, Urbaniak JR, Annex BH and Taylor DA. Differential regulation of vascular endothelial growth factor (VEGF) isoforms in skeletal muscle in response to hindlimb ischemia. Accepted for poster presentation at the 1999 American Heart Association.
8. **Hopkins MB**, Cherwek DH, Chen L, Taylor DA and Urbaniak JR. Engineered myoblasts deliver VEGF to injured skeletal muscle. Accepted for podium presentation at the 46th annual meeting of the Orthopaedic Research Society.
9. Hueman MT, Atkins BZ, Hutcheson KA, Meuchel JM, Cottman ML, **Hopkins MB**, Glower DD and Taylor DA. Quantification of regional diastolic function through application of the regional myocardial pressure – segment length relationship. Accepted for podium presentation at the 85th Clinical Congress of the American College of Surgeons, San Francisco, California. August 10th-15th, 1999.
10. Hutcheson KH, Atkins BZ, Hueman MT, Meuchel JM, Cottman MJ, **Hopkins MB**, Glower DD and Taylor DA. Significance of cell type in regenerating functional myocardium: comparison of myoblasts vs. fibroblasts in a rabbit model of cell transfer to injured myocardium. Accepted for podium presentation at the 85th Clinical Congress of the American College of Surgeons, San Francisco, California. August 10th-15th, 1999.
11. Hutcheson KH, Atkins BZ, Hueman MT, Cottman MJ, Meuchel JM, **Hopkins MB**, Glower DD and Taylor DA. *In vivo* regional diastolic performance improves following cellular cardiomyoplasty: beneficial effects of skeletal myoblasts as compared with fibroblasts. (Poster presentation) Journal of Cardiac Failure (Supplemental): in press; 1999.
12. Hutcheson KH, Atkins BZ, **Hopkins MB**, Glower DD, Taylor DA. Significance of cell type in regenerating functional myocardium: *in vivo* comparison of myoblasts vs. fibroblasts in a rabbit model of cell transplant to cryoinjured myocardium. (Poster presentation) Journal of Cardiac Failure (Supplemental): in press; 1999.
13. Hutcheson KH, Atkins BZ, **Hopkins MB**, Hueman MT, Glower DD and Taylor DA. Comparing cell types for cellular cardiomyoplasty: analysis of improved diastolic properties with autologous

skeletal myoblasts and fibroblasts. Accepted for poster presentation at the 1999 American Heart Association.

14. Hutcheson KH, Atkins BZ, **Hopkins MB**, Glower DD and Taylor DA. Cell type is critical in improving systolic function: *in vivo* comparison of transplanted myoblasts vs. fibroblasts in rabbit cryoinjured myocardium. Accepted for poster presentation at the 1999 American Heart Association.
15. Reynolds JR, Punnahitananda S, Booth J, **Hopkins MB**, Wang Y, Garcia-Oria M, McMahon R, Clary E, Eubanks, S. Fetal effects of maternal insufflation: Studies with instrumented near-term sheep. Society of American Gastrointestinal Endoscopic Surgeons Scientific Session, April 2001.
16. Reynolds JD, Punnahitananda S, Wang Y, **Hopkins MB**, Dexter F, Penning DH. Blood ionized magnesium concentration in preterm fetal sheep increases during umbilical cord occlusion. SOAP 32nd Annual Meeting, May 2000.
17. **Hopkins MB**. Robotic parastomal hernia repair with overlying biologic mesh. On Going Video Room - ASCRS Annual Scientific Meeting, Los Angeles, California: April 30 - May 4, 2016
18. **Hopkins MB**. Robotic cecopexy for cecal bascule. On Going Video Room - ASCRS Annual Scientific Meeting, Los Angeles, California: April 30 - May 4, 2016