

CURRICULUM VITAE AND BIBLIOGRAPHY

NAME: Marianne Vandromme Cusick, MD

PRESENT TITLE: Assistant Professor of Surgery

ADDRESS: 6550 Fannin, Suite 2307, Houston, TX 77030

CITIZENSHIP: USA

UNDERGRADUATE EDUCATION:

Georgia Institute of Technology- Atlanta, Georgia 08/1998-05/2002
B.S. Applied Biology, graduated High Honors

GRADUATE EDUCATION:

Morehouse School of Medicine- Atlanta, Georgia 07/2002-05/2006
M.D., graduated Magna cum Laude

POSTGRADUATE TRAINING:

University of Texas Affiliated Hospitals- Houston, Texas 07/2013-06/2014
Colon and Rectal Surgery Fellowship
University of Alabama- Birmingham, Alabama 07/2007-07/2013
General Surgery Residency
University of Alabama- Birmingham, Alabama 08/2008-12/2009
M.S.P.H.- Epidemiology
“Evaluation of Traumatic Brain Injury Identification Methods”
University of Alabama- Birmingham, Alabama 07/2006-07/2007
General Surgery Residency and Internship

MILITARY SERVICE: None

ACADEMIC APPOINTMENTS:

The University of Texas Health Science Center at Houston McGovern Medical School

HOSPITAL APPOINTMENTS:

Houston Methodist Hospital TMC
Memorial Hermann TMC
Memorial Hermann Southeast Hospital

LICENSURE:

Alabama 2008-present: MD.28610
Texas 2014-present: Q0622

CERTIFICATION:

American Board of Colon and Rectal Surgeons 2014- present
American Board of Surgery 2008- present
Texas DPS Controlled Substances Registration 06/2014- present (W0207521)
American Board of Surgery- 2013- present (Certificate #058585)
Alabama Controlled Substance Registration 01/2008- present (28610)
United States DEA Controlled Substance Registration 01/2008-present (FV0656403)
Advanced Cardiac Life Support- 06/2006-current
United States Medical Examination Step I, II, III- 06/2004-5/2007

PROFESSIONAL ORGANIZATIONS (AND COMMITTEES OF THESE):

LOCAL:

Memorial Hermann Southeast Hospital – OR Committee
Harris County Medical Society Member 2013- present

REGIONAL:

Texas Society of Colon and Rectal Surgeons 2015- present

NATIONAL:

American Society of Colorectal Surgeons 2012-present
Delta Omega, Public Health Honor Society 2010-present
Society of Gastrointestinal and Endoscopic Surgery (SAGES) 2010-present
Southeastern Surgical Congress (SESC) 2007-2012
Alpha Omega Alpha (AOA) 2006-present
American College of Surgeons (ACS) 2005-present

HONORS AND AWARDS:

Administrative Chief Resident, General Surgery University of Alabama-
Birmingham
Delta Omega Honorary Society in Public Health Upsilon Chapter, inducted 2010
Alpha Omega Alpha Honor Society Induction, Morehouse School of Medicine,
inducted 2006
Departmental and Merit Scholarship Awards – including: Anatomy and
Neurobiology, Pathophysiology, Pathology, Physiology, and Neurobiology,
Morehouse School of Medicine, 2002-2006

CURRENT TEACHING RESPONSIBILITIES:

The University of Texas Health Science Center at Houston McGovern Medical School

CURRENT CLINICAL AND SERVICE RESPONSIBILITIES:

4/2015-present UT Physicians Colon and Rectal Clinic
Colon and Rectal Surgeon, Houston, TX
07/2014- 3/2015 Colon and Rectal Clinic, P.A.
Colon and Rectal Surgeon- Houston, TX

PUBLICATIONS:

- Refereed Original Articles in Journals
1. Rodriguez, C; Vitturi, DA; He, J; Vandromme, M; Brandon, A; Hutchings, A; Rue, LW III; Kerby, JD; Patel, RP, Sodium nitrite therapy attenuates the hypertensive effects of HBOC-201 via nitrite reduction. *Biochem J* 2009, 422, (3), 423-32.
 2. Snyder CW, Vandromme MJ, Tyra SL, Hawn MT. Proficiency-based laparoscopic and endoscopic training with virtual reality simulators: a comparison of proctored and independent approaches. *J Surg Educ* 2009; 66(4):201-7.
 3. Vandromme, MJ; McGwin, G Jr; Marques, MB; Kerby, JD; Rue, LW III; Weinberg, JA, Transfusion and pneumonia in the trauma intensive care unit: an examination of the temporal relationship. *J Trauma* 2009, 67, (1), 97-101.
 4. Weinberg, JA; Griffin RL; Vandromme, MJ; Melton, SM; George RL; Reiff, DA; Kerby, JD; Rue, LW, Management of Colon Wounds in the Setting of Damage Control Laparotomy: A Cautionary Tale. *J Trauma* 2009, 57, (5), 929-35.
 5. Vandromme, MJ; Griffin RL; Weinberg, JA; Rue, LW; Kerby, JD, Lactate is a Better Predictor than Systolic Blood Pressure for Determining Blood Requirement and Mortality: Could Prehospital Measures Improve Trauma Triage?. *J of American College of Surgeons*. 2010 May; 210(5):861-7, 867-9.
 6. Weinberg JA, Lockhart ME, Parmar AD, Griffin RL, Melton SM, Vandromme MJ, McGwin G Jr, Rue LW 3rd. Computed tomography identification of latent pseudoaneurysm after blunt splenic injury: pathology or technology? *J Trauma*. 2010 May;68(5):1112-6.
 7. Snyder CW, Vandromme MJ, Tyra SL, Hawn MT. Retention of colonoscopy skills after virtual reality simulator training by independent and proctored methods. *Am Surg*. 2010 Jul;76(7):743-6.
 8. Snyder CW, Vandromme MJ, Tyra SL, Porterfield JR Jr, Clements RH, Hawn MT. Effects of virtual reality simulator training method and observational learning on surgical performance. *World J Surg*. Feb 2011;35(2):245-52.
 9. Weinberg JA, McGwin G Jr, Vandromme MJ, Marques MB, Melton SM, Reiff DA, Kerby JD, Rue LW 3rd. Duration of red cell storage influences mortality after trauma. *J Trauma*. Dec 2010; 69(6):1427-31; discussion 1431-2.
 10. Vandromme, MJ; Griffin RL; McGwin, G Jr; Weinberg, JA; Rue, LW III; Kerby, JD, Prospective Identification of Patients at Risk for Massive Transfusion: An Imprecise Endeavor. *The American Surgeon*. Feb 2011; 77(2):155-61.
 11. Vandromme, MJ; Griffin RL; Kerby, JD; McGwin, G Jr; Rue, LW III; Weinberg, JA, Identifying Risk of Massive Transfusion in the Relatively Normotensive Patient: Utility of the Prehospital Shock Index *J Trauma*. Feb 2011;70(2):384-8; discussion 388-90.
 12. Vandromme, MJ; Melton, SM; Griffin, RL; McGwin, G Jr; Weinberg, JA; Minor, M; Rue LW III; Kerby, JD, Intubation Patterns and Outcomes in Patients with CT Verified Traumatic Brain Injury. *J Trauma*. Dec 2011; 71(6):1615-9.

13. Weinberg JA, MacLennan PA, Vandromme-Cusick MJ, Angotti JM, Magnotti LJ, Kerby JD, Rue LW III, Barnum SR, Patel RP. Microvascular response to red blood cell transfusion in trauma patients. *Shock*. 2012;37:276-281.
14. Stapley R, Owusu B, Brandon A, Cusick M, Rodriguez C, Marques M, Kerby J, Barnum S, Weinberg J, Lancaster J, Patel R. Erythrocyte storage increases rates of NO and nitrite scavenging: implications for transfusion-related toxicity. *Biochemical Journal*. Sept 2012; 446(3)449-508.
15. Weinberg JA, Maclennan PA, Vandromme-Cusick MJ, Magnotti LJ, Kerby JD, Rue LW, Angotti JM, Garrett CA, Hendrick LE, Croce MA, Fabian TC, Barnum SR, Patel RP, The deleterious effect of red blood cell storage on microvascular response to transfusion. *J Trauma Acute Care Surgery*. Oct 2012; 75(5):807-12.

Invited Articles (Reviews, Editorials, etc.) in Journals

1. Vandromme, M; Melton, SM; Kerby, JD, Progesterone in traumatic brain injury: time to move on to phase III trials. *Crit Care* 2008, 12, (3), 153. [Invited Commentary]
2. Vandromme, MJ; McGwin, G Jr; Weinberg, JA, Blood transfusion in the critically ill: does storage age matter? *Scand J Trauma Resusc Emerg Med*. 2009 Aug 13;17:35. [Review Article]
3. Vandromme, MJ; Snyder, CW; McGwin, G Jr; Weinberg, JA; Kerby, JD, A Second Look at the Fresh Frozen Plasma: Packed Red Blood Cell Ratio in Massive Transfusion Protocols? *J of American College of Surgeons*. 2010, 210 (1), 117. [Invited Commentary]
4. Vandromme, MJ, Umphrey H, Krontiras H. Image-guided methods for biopsy of suspicious breast lesions. *J Surg Oncol*. 2011 Mar 15; 103(4):299-305. [Review Article]
5. Kerby JD, Cusick MV. Prehospital emergency trauma care and management. *Surgical Clinics of North America*. Aug 2012; 92 (4):823-41. [Review Article]

Other Professional Communications

1. Presentations
 - a. Barton JS, Cusick MV, Thompson DA: Resection for Margins: Is it Necessary in Endoscopically Excised Rectal Carcinoid? *The University of Texas Affiliated Hospitals, Houston, Texas*. TSCRS Podium Presentation 2015; Memorial Hermann Poster Presentation 2015.
 - b. Tschen JA, Skelton TS, Cusick MV: Excisional Hemorrhoidectomy versus Transanal Hemorrhoidal Dearterialization: A Comparison in 30-Day Morbidity: *The University of Texas Affiliated Hospitals, Houston, Texas*. TSCRS Podium Presentation 2015.
 - c. Implementation of an electronic medical record improves quality of documentation in a subspecialty private practice. American Society of Colon and Rectal Surgery National Meeting. Hollywood, FL. May 2014.
 - d. Implementation of an electronic medical record improves quality of documentation in a subspecialty private practice. Texas Society of Colon and Rectal Surgeons. Dallas, Texas. May 2014.

- e. Implementation of an electronic medical record improves quality of documentation in a subspecialty private practice. American College of Surgeons- South Texas Chapter. Austin, Texas. February 2014.
- f. Microvascular response to red blood cell transfusion in trauma patients. American College of Surgeons- Alabama Chapter. Destin, Florida. June 2011.
- g. Prospective Identification of Patients at Risk for Massive Transfusion: An Imprecise Endeavor. Southeastern Surgical Congress Annual Scientific Meeting Residents' Forum. Savannah, Georgia. February 2010.
- h. How Do Colonoscopy Skills Deteriorate After a Period of Disuse? Southeastern Surgical Congress Annual Scientific Meeting. Savannah, Georgia. February 2010.
- i. Identifying Risk of Massive Transfusion in the Relatively Normotensive Patient: *Utility of the Prehospital Shock Index*. Eastern Association for the Surgery of Trauma (EAST) Annual Scientific Assembly Raymond H. Alexander, MD Resident Paper Competition. Phoenix, Arizona. January 2010.
- j. Lactate is a Better Predictor than Systolic Blood Pressure for Determining Blood Requirement and Mortality: Could Prehospital Measures Improve Trauma Triage? Southern Surgical Association Annual Meeting. Hot Springs, Virginia. December 2009.
- k. Predicting Post-Injury Hemorrhage- The Potential Utility of Point-of-Care Lactate. American Heart Association- Resuscitation Science Symposium. Orlando, Florida. November 2009.
- l. Evaluation of Intubation Patterns and Outcomes in CT-verified TBI. American Association for the Surgery of Trauma (AAST) Annual Meeting. Pittsburgh, Pennsylvania. October 2009.
- m. Evaluation of Prehospital Intubation on Patients with Traumatic Brain Injury. American College of Surgeons. Alabama Resident Research Competition. Birmingham, Alabama. March 2009.
- n. Head-Abbreviated Injury Scale is an Unreliable Measure for the Presence of Brain Injury. National Injury and Violence Prevention Research Conference hosted by the Society for Advancement of Violence and Injury Research (SAVIR). Atlanta, Georgia. March 2009.
- o. Evaluation of Prehospital Intubation on Patients with Traumatic Brain Injury. American College of Surgeons - Committee on Trauma, Region IV Resident Research Competition. Louisville, Kentucky. November 2008.