

# Curriculum Vitae

## KEITH R. MILLER, MD FACS

Assistant Professor of Surgery  
University of Louisville Department of Surgery

**BUSINESS ADDRESS** University of Louisville Department of Surgery  
Division of Trauma, Critical Care  
ACB 2<sup>nd</sup> Floor  
550 South Jackson Street  
Louisville, KY 40202  
P: 502-852-1895 F: 502-852-8915  
E: krmill10@louisville.edu

### EDUCATION

8/02-5/06 **Indiana University of School of Medicine**, Indianapolis, IN  
Doctor of Medicine June 2006

10/05-12/05 **Moi University School of Medicine**, Eldoret, Kenya  
Medical Student Exchange

6/00-12/00 **School for International Training**, Cairns, Australia  
Natural and Cultural Ecology Program

8/97 – 6/01 **DePauw University**, Greencastle, IN  
Bachelor of Arts in Biology, *cum laude*

8/93 – 5/97 **Greencastle High School**, Greencastle, IN

### EMPLOYMENT

7/12-present **University of Louisville**, Assistant Professor of Surgery, Trauma,/Critical Care

7/10-6/12 **University of Louisville**, General Surgery Resident

7/09-6/10 **University of Louisville**, Surgical Critical Care Fellow

7/06-6/09 **University of Louisville**, General Surgery Resident

6/99 – 8/99 **Eli Lilly and Company, Indianapolis, IN**  
*Research Intern*

6/98 – 8/98 **Eli Lilly and Company, Indianapolis, IN**  
*Research Intern*

### ACADEMIC APPOINTMENTS

7/12- present Assistant Professor of Surgery  
University of Louisville School of Medicine

7/17- present Associate Program Director

General Surgery Program  
University of Louisville School of Medicine

7/14- present      Academic Advisory Dean  
University of Louisville School of Medicine  
7/13-present      Director Surgical Nutrition  
University of Louisville Hospital

#### **OTHER POSITIONS AND EMPLOYMENT**

9/12 - present      Organ Donor Intensivist  
Kentucky Organ Donor Affiliates (KODA)  
Louisville, KY  
2012-current      Nestle Nutrition Institute Fellowship Faculty

#### **LICENSURE/CERTIFICATION**

**American Board of Surgery Certification in Surgery**  
**Cert # 57924      Expires April 2023**  
**American Board of Surgery Surgical Critical Care**  
**Cert # 3169      Expires April 2023**  
**Kentucky Board of Medical Examiners License**  
**Fundamentals of Laparoscopic Surgery (FLS) Certification**  
**ACLS Certification Expires**  
**ATLS Certification Expires**  
**ATLS Instructor**

#### **HOSPITAL PRIVILEGES**

**University of Louisville Hospital- Louisville, KY**  
**Jewish Hospital- Louisville, KY**  
**Norton Hospital- Louisville, KY**  
**Kosair Children's Hospital- Louisville, KY**  
**Kindred at Jewish Hospital- Louisville, KY**  
**Frazier Rehabilitation- Louisville, KY**

#### **ORGANIZATIONS**

Fellow American College of Surgeons- 2014- present  
American College of Surgery 2012-present  
American Trauma Society  
Eastern Association for Surgery of Trauma  
Society of Critical Care Medicine -2010  
Southeastern Surgical Society 2012-13  
American Society Parenteral and Enteral Nutrition 2011-present  
Chair- Medical Practice Section 2014  
Abstract Review Committee 2016  
Critical Care Practice Section 2015  
Poster Professorship- 2015  
Greater Louisville Medical Society 2006-present  
Kentucky Medical Association 2006-present

Kentucky Society Parenteral and Enteral Nutrition 2011-present  
President 2013-2015  
Planning Committee 2012 to present  
Board of Directors 2017 to present  
Kentucky Chapter- American College of Surgeons  
Kentucky Committee on Trauma 2014-present

## COMMITTEES

Medical Executive Committee- Jewish Hospital- 2016-present  
Full Capacity Committee- ULH  
LOS Governance Committee- ULH  
Complex Case Committee- ULH  
Clinical Optimization Steering Committee- ULH  
Trauma Quality Improvement Committee- 2013-present  
Infection Control Committee- University of Louisville Hospital- 2013 to present  
Risk Management Committee- University of Louisville Physician- present  
Emergency/Disaster Preparedness Committee- University of Louisville Hospital- present  
Utilization Committee- University of Louisville Hospital 2015-present  
Anti-Microbial Stewardship Pharmacy and Therapeutics Sub-committee- 2016-present  
Nutrition Support Pharmacy and Therapeutics Sub-committee- 2017 -present  
  
General Surgery Faculty Representative- ACGME CLER Site Visitation- 2014/2016  
Clinical Competency Committee- UL Dept of Surgery- 6/16-present  
Program Evaluation Committee- UL Dept of Surgery- 6/16-present

## HONORS

**2003- AMA-MSS Delegate for Indiana- National Meeting in Honolulu, HI**  
**2003- AMA-MSS Delegate for Indiana- National Meeting in Chicago, IL**  
**2006-10- Resident Representative to ACGME Review Board- U of L Dept Surgery**  
**2006- Waterman-Abrams Award Winner- U of L Dept Surgery**  
**2006- Excellence in Clinical Education- U of L Dept Surgery**  
**2009- Nestle Enteral Nutrition Fellowship Recipient**  
**2009- Kentucky Committee on Trauma 2<sup>nd</sup> Place Resident Paper Competition**  
**2010- Regional Committee on Trauma 2<sup>nd</sup> Place Resident Paper Competition**  
**2010- Pediatric Surgery Resident of the Year Award- U of L Dept Surgery**  
**2010- John W. Price Award in Surgical Education- Uof L Dept Surgery**  
**2012- Waterman-Abrams Award Winner – U of L Dept Surgery**  
**2014- Fellow of the American College of Surgeons (FACS)- 2014**

## EDUCATIONAL ACTIVITIES

General Surgery Resident Faculty- University of Louisville Dept of Surgery- 2012 to present  
Surgical Critical Care Fellow Faculty- University of Louisville Dept of Surgery- 2012 to present  
Trauma Faculty- University of Louisville Hospital- 2012-present  
  
Instructor, Advanced Trauma and Life Support course (ATLS), University of Louisville Medical Center.

University Hospital (2012 - present) - Supervision and teaching of surgical residents and medical students on Trauma and Elective Surgery rotations

Jewish Hospital (2012 – present) - Supervision and teaching of surgical residents and medical students on the Jewish General Surgery rotation

Norton Hospital (2014 – present) – Supervision and teaching of surgical residents and medical students on the Norton Surgical Critical Care rotation

Kindred Hospital at Jewish (2015 –present)- Supervision and teaching of surgical residents within the long term acute care hospital setting

General Surgery / Surgical Critical Care Journal Clubs

## CLINICAL ACTIVITIES

University Hospital, Louisville, KY

- 1) Attending trauma surgeon: Oversee patient care of trauma and emergency general surgery patients. Responsible for operative cases, emergency room consults, surgical critical care, and inpatient clinical rounds. Supervise fellows, residents, and students.
- 2) General surgeon: Oversee the operative and post-operative care of general surgery patients from personal private practice and resident clinics.
- 3) Burn surgeon

Jewish Hospital, Louisville, KY

- 1) Acute Care Surgery Service: Participated in development and implementation of Acute Care Surgery Service (2013 – present) to oversee all emergency and inpatient surgical consultations. Participate in quality improvement program for Acute Care Surgery Service.
- 2) General surgeon: Oversee the operative and post-operative care of general surgery patients from personal private practice.

Norton Hospital, Louisville, KY

- 1) Surgical Intensivist: Provide critical care services to surgical patients .

Kindred Hospital at Jewish, Louisville, KY

- 1) General Surgery- Assisted with development and implementation of surgical coverage within the long term acute care facility.

Frazier Rehab, Louisville, KY

- 1) Participate in care of patients transitioning from acute inpatient trauma care to the rehabilitation setting.

## INVITED GRAND ROUNDS/VISITING PROFESSORSHIPS

1. **University of Louisville-** Surgery Grand Rounds- *Emerging Controversy in Critical Care Nutrition*. October 2013.
2. **University of Texas Medical Center-** Pulmonology/ Critical Care Grand Rounds- *Novel Strategies for Nutrition Support in the ICU*. October 2013.

3. **University of Tennessee-Knoxville-** Surgery Grand Rounds- *The Role of Peri-operative Nutrition Support in Elective Surgery*. May 2013.
4. **William Beaumont Hospital- Detroit, MI-** Combined Surgery and Anesthesia Grand Rounds- *Immunonutrition and Surgery*. May 2014.
5. **University of Toledo Medical Center-** Nutrition Support Team Rounds- *Benefits of Enteral versus Parenteral Nutrition in the Hospitalized Patient*. May 2014.
6. **University of Louisville-** Surgery Grand Rounds- *Anticoagulation: Issues for Surgeons*. September 5, 2014.
7. **Loma Linda Medical Center-** Medicine Grand Rounds- *The Metabolic Response to Insult and Nutrition Support*. October 15, 2014.
8. **Cedars Sinai, California** –Surgery Grand Rounds- *Peri-operative Nutrition Support: What, When, Why?* October 15, 2014
9. **St. Vincent’s Hospital**, Indianapolis, IN- Surgery Grand Rounds- *New Oral Anticoagulants: Issues for Surgeons*. March 11, 2015
10. **Methodist Hospital, Houston, TX-** Nutrition Support Lecture: Perioperative Nutrition Support. April 21, 2015.
11. **Memorial Hermann**, Houston, TX- Nutrition Support Rounds- April 22,2015.
12. **University of Louisville-** Louisville, KY- Ballistic Chest Trauma- January 8, 2016.
13. **University of Louisville-** Louisville, KY- GSW to the...Around the Issue in Sixty Minutes. January 20, 2017.
14. **University of Louisville-** Louisville, KY- The Intraoperative Audible- Indications to Bail Out in Surgery. July 28, 2017.

#### **INVITED FACULTY CME**

American Society of Parenteral and Enteral Nutrition Fellows Course, Sanibel Island, FL. June 2012.

Medical College of Georgia at Georgia Regents University- “Medical and Surgical Approaches to GI Disorders Conference” Kiawah Island, SC. July 2014.

“Medical and Surgical Approaches to GI Disorders.” Medical College of Georgia at Georgia Regents University. Kiawah Island, SC. July 2015.

Medical and Surgical Approaches to GI Disorders. Medical College of Georgia at Georgia Regents University. Kiawah Island, SC. July 2017.

#### **INTERNATIONAL**

Nutrition Support Curriculum- Beijing China

## CLINICAL GUIDELINE SUMMITS

North American Surgical Nutrition Summit Invited Member- Sept 21-23, 2012. Phoenix, AZ.

## EDITORIAL BOARDS/ SECTION EDITOR

Section Editor- Surgical Nutrition- Current Surgery Reports. 2015

Editorial Board/ Section Editor- Surgical Nutrition- International Journal of Academic Medicine- 2015.

## INVITED PEER REVIEWER

Journal American College of Surgeons (JACS)  
British Journal of Nutrition  
British Medical Journal  
American Surgeon  
Journal Parenteral and Enteral Nutrition  
Surgical Infections  
Current Surgery Reports

## PUBLICATIONS

1. **Miller KR**, McClave SA. Clinical Trial Reports: Parenteral Nutrition in the Critically Ill. *Current Gastroenterology Reports*. 2010. Volume 12 (4), 231-235. 20549578.
2. Nash NA, Chan JY, **Miller KR**, Franklin GA, Ravindra KV, Smith JW. *Bilateral nephrectomies following rupture of polycystic kidneys in blunt renal trauma*. *Inj Extra* (2010), doi:10.1016/j.injury.2010.07.237.
3. **Miller KR**, Bennis MV, Sciarretta JD, Harbrecht BG, Ross CB, Franklin GA, Smith JW. The evolving management of venous bullet emboli: a case series and literature review. *Injury*. 2011 May;42(5):441-6. 20828693.
4. **Miller KR**, Lawson CM, Smith VL, Harbrecht BG. Carbohydrate provision in the era of tight glucose control. *Curr Gastroenterol Rep*. 2011 Aug;13(4):388-94. 21604041.
5. Lawson CM, **Miller KR**, Smith VL, McClave SA. Appropriate protein and specific amino acid delivery can improve patient outcome: fact or fantasy? *Curr Gastroenterol Rep*. 2011 Aug;13(4):380-7. 21607651.
6. Caddell KA, Martindale R, McClave SA, **Miller KR**. Can the Intestinal Dysmotility of Critical Illness be differentiated from Postoperative Ileus? *Curr Gastroenterol Rep*. 2011 Aug;13(4):358-67. 21626118.
7. **Miller KR**, Kiraly LN, Lowen CC, Martindale RG, McClave SA. CAN WE FEED? A Mnemonic to Merge Nutrition and Intensive Care Assessment of the Critically Ill Patient. 2011 Sep;35(5):643-59. 21881012.
8. **Miller KR**, Bozeman MC. Nutrition therapy issues in esophageal cancer. *Curr Gastroenterol Rep*. 2012 Aug;14(4):356-66. 22730015.

9. \* **Miller KR**, Wischmeyer PE, Taylor B, McClave SA. An Evidence-based Approach to Perioperative Nutrition Support in the Elective Surgery Patient. *JPEN J Parenter Enteral Nutr* 2013 37: S -50. 24009248
10. \* Lawson CM, Daley BJ, Sams VG, Martindale R, Kudsk KA, **Miller KR**. Factors that Impact Patient Outcome: Nutritional Assessment. *JPEN J Parenter Enteral Nutr* 2013 37: S -38. 24009247.
11. \* McClave SA, **Miller KR** et al. Summary Points and Consensus Recommendations from the North American Surgical Nutrition Summit. *JPEN J Parenter Enteral Nutr* 2013 37: S -105. 24009254.
12. Cannon R, Bozeman M, **Miller KR**, Smith JW, Harbrecht B, Franklin G, Bennis M. The prevalence and impact of prescription controlled substance use among injured patients at a Level I trauma center. *J Trauma Acute Care Surg*. 2014 Jan; 76(1):172-5. 24368374.
13. \* **Miller KR**, McClave SA, Kiraly LN, Martindale RG, Bennis MV. A Tutorial on Enteral Access in Adult Patients in the Hospitalized Setting. *JPEN J Parenter Enteral Nutr*. 2014 Feb 5. 24500910.
14. Hurt RT, McClave SA, Evans DC, Jones C, **Miller KR**, Frazier TH, Minhas M, Lowen CC, Stout A, Varayil JE, Matheson PJ, Franklin GA. Targeted Physician Education Positively Affects Delivery of Nutrition Therapy and Patient Outcomes: Results of a Prospective Clinical Trial. *JPEN J Parenter Enteral Nutr*. 2014 Jul 4. pii: 0148607114540332.
15. Smith JW1, Neal Garrison R, Matheson PJ, Harbrecht BG, Bennis MV, Franklin GA, **Miller KR**, Bozeman MC, David Richardson J. Adjunctive treatment of abdominal catastrophes and sepsis with direct peritoneal resuscitation: Indications for use in acute care surgery. *J Trauma Acute Care Surg*. 2014 Sep;77(3):393-9. doi: 10.1097/TA.0000000000000393.
16. Mackowski MJ, Barnett RE, Harbrecht BG, **Miller KR**, Franklin GA, Smith JW, Richardson JD, Bennis MV. Damage Control for Thoracic Trauma. *The American surgeon* 09/2014; 80(9).
17. Weaver JL, Jones W, **Miller KR**. Life-threatening Splenic Rupture after Endoscopic Retrograde Cholangiopancreatography. *Am Surg*. 2014 Aug;80(8):230-1.
18. Bozeman MC, Bennis MV, McClave SA, **Miller KR**, Jones CM. When can nutritional therapy impact liver disease? *Curr Gastroenterol Rep*. 2014 Oct;16(10):411. doi: 10.1007/s11894-014-0411-3.
19. Frantz DJ, McClave SA, Hurt RT, **Miller KR**, Martindale RG. Cross-Sectional Study of U.S. Interns' Perceptions of Clinical Nutrition Education. *JPEN J Parenter Enteral Nutr*. 2015 Feb 24. pii: 0148607115571016.
20. Bennis MV1, Egger ME, Harbrecht BG, Franklin GA, Smith JW, **Miller KR**, Nash NA, Richardson JD. Does chest tube location matter? An analysis of chest

tube position and the need for secondary interventions. *J Trauma Acute Care Surg.* 2015 Feb;78(2):386-90.

21. Garcia NM, McClave SA, Bozeman MC, **Miller KR**, Harbrecht BG, Franklin GA. Emerging Concepts in Critical Care Nutrition and the Provision of Enteral Nutrition Support. *Current Surgery Reports.* Nov 2015. 3;34.
22. Medici V, McClave SA, **Miller KR**. Common Medications Which Lead to Unintended Alterations in Weight Gain or Organ Lipotoxicity. *Curr Gastroenterol Rep.* 2015 Dec;18(1):2. doi: 10.1007/s11894-015-0479-4.
23. Harbrecht BG, Franklin GA, Smith JW, Bennis MV, **Miller KR**, Nash NA, Bozeman MC, Coleman R, O'Brien D, Richardson JD. Intubated Trauma Patients Do Not Require Full Trauma Team Activation when Effectively Triageed. *J Am Coll Surg.* 2016 Jan 13.
24. Love KM, Brown JB, Harbrecht BG, Muldoon SB, **Miller KR**, Bennis MV, Smith JW, Baker CC, Franklin GA. Organ donation as an outcome of traumatic cardiopulmonary arrest: a cost evaluation. *J Trauma Acute Care Surg.* 2016 Feb 13.
25. McKinney TJ, Patel JJ, Bennis MV, Nash NA, **Miller KR**. Vitamin D Status and Supplementation in the Critically Ill. *Curr Gastroenterol Rep.* 2016 Apr;18(4):18. doi: 10.1007/s11894-016-0492-2.
26. **Miller KR**, Smith JW, Harbrecht BG, Bennis MV. Early Enteral Nutrition: Is there still any doubt? *Current Trauma Reports.* April 29, 2016. DOI 10.1007/s40719-016-0045-z .
27. Patel JJ, **Miller KR**, Rosenthal C, Rosenthal M. When is it appropriate to use Arginine in Critical Illness. *Nutr Clin Pract.* 2016 Jun 1. pii: 0884533616652576.
28. \* Patel JJ, Rosenthal MD, **Miller KR**, Martindale RG. The gut in trauma. *Curr Opin Crit Care.* 2016 Jun 16.
29. Carrot P, Cherry-Bukowiec JR, Jones CM, **Miller KR**, Kiraly L. Nutrition Therapy in the Organ Donor: Theoretical Benefits and Barriers to Implementation. *Curr Nutr Rep* (2016). doi:10.1007/s13668-016-0170-x.
30. Hurt RT. **Miller KR**. Patel JJ, Codner P, Mundi MS. Universal Small Bore Connectors (ENFit) for Enteral Access: Implications for Clinical Practice. *Curr Nutr Rep* (2016). doi:10.1007/s13668-016-0173-7.
31. Patel JJ, Rosenthal MD, **Miller KR**, Codner P, Kiraly L, Martindale RG. The Critical Care Obesity Paradox and Implications for Nutrition Support. *Curr Gastroenterol Rep.* 2016 Sep;18(9):45. doi: 10.1007/s11894-016-0519-8. Review.



32. **Miller KR**, McClave SA, Jampolis MB, Hurt RT, Krueger K, Landes S, Collier B. The Health Benefits of Exercise and Physical Activity. *Curr Nutr Rep* (2016) 5: 204. doi:10.1007/s13668-016-0175-5
33. Ludwig N, Hurt, RT, **Miller KR**. The obesity paradox: validity and clinical implications. *Curr Pulmonol Rep* (2017) 6: 58. doi:10.1007/s13665-017-0167-y.
34. Smith JW1, Nash N, Procter L, Bennis M, Franklin GA, **Miller K**, Harbrecht BG, Bernard AC. Not All Abdomens Are the Same: A Comparison of Damage Control Surgery for Intra-abdominal Sepsis versus Trauma. *Am Surg*. 2016 May;82(5):427-32.

Accepted:

35. Kim S, McClave SA, Martindale RG, **Miller KR**, Hurt RT. Hypoalbuminemia and Clinical Outcomes: What is the Mechanism Behind the Relationship? *American Surgeon* accepted 7/1/2016.
36. Strollo BP, McClave SA, **Miller KR**. Complications of HEN - mechanical complications and access issues in the home setting. Invited Review. *Nutrition in Clinical Practice*. Accepted July 2017.

Submitted:

Bozeman MC, **Miller KR**, et al . Correlating Geographic Location with Incidence of Motor Vehicle Induced Pedestrian Injury. Submitted *American Journal of Surgery* March 2017.

## BOOK CHAPTERS

1. Kiraly L, **Miller K**, , Martindale R. Chapter 23: Critical Care and Sepsis. *A.S.P.E.N Adult Nutrition Support Core Curriculum*, 3rd Edition.
2. Bozeman M, **Miller KR**, Nash N, Rodriguez J. Acute Respiratory Distress Syndrome. In Asensio JA and Trunkey DD. *Current Therapy of Trauma and Critical Care*. 2<sup>nd</sup> Edition. Pp 679-682.

Accepted:

Bhutiani N. Bennis MV. Pappas S. Palmer LB. **Miller KR**. Chapter 37: Surgical Alteration of the Gastro-Intestinal Tract, Inherent Complications, and Implications for Nutrition Support. *A.S.P.E.N Adult Nutrition Support Core Curriculum*, 4th Edition.

**Miller KR**, Martindale RG. Enteral Nutrition. In: Fischer, J. *Mastery of Surgery*, 7<sup>th</sup> Edition. Wolters Kluwer Health.

## ABSTRACTS PRESENTED

1. Linton S, **Miller K**, Schirtzinger L, Song M, Edmonds B, Esterman M, Fox N, and Galbreath E. Immunohistochemical Characterization of Cultured Murine Embryonic Stem Cells as a Prospective Application in Screening Technology.

Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, IN, USA, 46285

2. **Miller K**, Linton S, Alvarez E, Schultz RM, Menon K, Bewley JR, Spears P, Teicher BA, Chen VJ, and Galbreath E. Immunohistochemical detection of in vivo alteration of thymidylate synthase levels in a human HCT116 colon carcinoma tumor cell culture and xenograft induced by the use of MTA (LY231514). Lilly Research Laboratories, Eli Lilly & Company, Indianapolis, IN, USA, 46285.
3. **Miller K**, Gill B, Fouts R, Mintze K, Zambrano C, and Sandusky G. Immunohistochemical Analysis of Apoptosis and Caspase Markers in Heart of Rapidly Paced Dogs. Research Technologies and Proteins, Lilly Research Laboratories, Indianapolis, IN 46285.
4. Carrillo SA, **Miller KR** MD, Fallat ME, Zahn M, McClure M, Woods C. Epidemiologic impact of MRSA-SSTIs in a pediatric population. Surgical Infections Society of North America and Europe 3rd Combined Meeting. Chicago, IL. 2009.
5. **Miller K**, Smith J. Venous bullet Embolism: Case Report and Literature Review. Southeastern Surgical Society. Savannah, Georgia. Feb 2010.
6. Weaver JL, Jones W, **Miller KR**. Life-threatening splenic rupture following ERCP. Southeastern Surgical Society, Savannah Georgia. Feb 2014.
7. Harbrecht BG, Coleman R, Nash N, Bennis MV, Franklin GA, O'Brien D, Bozeman MC, **Miller KR**, Smith JW, Richardson JD. Intubated Trauma Patients Do Not Require Full Trauma Team Activation when Effectively Triage. Southern Surgical Association. Hot Springs, VA. Dec 6-9, 2015.
8. **Miller KR**, Franklin GA, Bennis MV, Bozeman MC, Harbrecht BG, Nash NA, Smith JW, Richardson JD. Ballistic thoracic trauma over forty years in an urban trauma center. American Association for Surgery Trauma (AAST). Waikoloa, HI. Sept 14-17, 2016.
9. Bennis MV, Broughton-Miller K, Frisbie M, Pentecost K, Wojcik J, **Miller KR**, Bozeman MC, Nash NA, Carrico R. Patient comprehension and compliance with post-splenectomy infectious risk reduction. American Association for Surgery Trauma (AAST). Waikoloa, HI. Sept 14-17, 2016.
10. Bennis MV, **Miller KR**, Bozeman MC, Nash NA. Heroin related compartment syndrome: An increasing problem for Acute Care Surgeons. Presented Southeastern Surgical Society. March 2017. Nashville, TN.
11. Bozeman MC, **Miller KR**, et al . Correlating Geographic Location with Incidence of Motor Vehicle Induced Pedestrian Injury. Southwestern Surgical. Maui, Hawaii. April 2017.
12. McKinley WI, Strollo BP, **Miller KR**. Is Intraoperative Assessment of Small Bowel Resection Accurate? Kentucky Chapter American College of Surgeons. Lexington, KY. September 2017.

13. Marshall WA, Stollo BP, Motameni A, Denzik K, Pike A, Bennis MV, **Miller KR**. Shooter Intent as a Predictor of Outcome in Firearm Injury. Kentucky Chapter American College of Surgeons. Lexington, KY. September 2017.

**Accepted:** **Miller KR**, Bennis MV, Nagengast A, Bozeman MC, Nash NA, Franklin GA, Smith JW, Harbrecht BG. Unintentional Firearm Injury: Epidemiology in an urban trauma center. Accepted American College of Surgeons 2017.

Nagengast A, Bennis MV, Bozeman MC, Nash NA, Franklin GA, Smith JW, Harbrecht BG, **Miller KR**. Firearm Injuries in Women in an Urban Trauma Center. Accepted American College of Surgeons 2017.

Motameni AT, Hodge RA, Stollo BP, Bennis MV, Bozeman MC, **Miller KR**, Harbrecht BG. THE USE OF ABC SCORE IN ACTIVATION OF MASSIVE TRANSFUSION: THE YIN AND THE YANG. Accepted Eastern Association for Surgery in Trauma 2017.

Submitted: Harbrecht BG, **Miller KR**, Bennis MV, Bozeman MC, Nash NA, Franklin GA, Smith JW. Gunshot injuries to the extremity: Is immediate general surgery presence needed? Submitted Central Surgical Association 3/1/2017.

N Bhutiani, **KR Miller**, MV Bennis, NA Nash, GA Franklin, JW Smith, BG Harbrecht, MC Bozeman. Correlating Geographic Location with Incidence of Motor Vehicle Induced Pedestrian Injury. Submitted Southwestern Surgical 3/3/2017.

## ONLINE PUBLICATIONS

Miller KR. Eastern Association for Surgery of Trauma (EAST) Literature Review. January 2015.

Miller KR. Eastern Association for Surgery of Trauma (EAST) Literature Review. November 2015.

## AUDIO PRESENTATIONS

**APPENDICITIS AND PANCREATITIS: Update on the Management of Appendicitis. Audio-Digest General Surgery. Volume 63, Issue 05. March 7, 2016**

## PRESENTATIONS

### LOCAL INVITED LECTURES

1. Ballistic Thoracic Trauma: The Louisville Experience over Four Decades. Surgery Grand Rounds. University of Louisville. May 19, 2012.
2. The Metabolic Response to Trauma. Multi-Disciplinary Trauma Conference, Louisville, KY January 2013.

3. Emerging Controversy in Critical Care Nutrition. University of Louisville- Surgery Grand Rounds, October 2013.
4. Anticoagulation: Issues for Surgeons. University of Louisville Surgery Grand Rounds. Louisville, KY. September 2014.
5. Metabolic Response to Trauma. Nursing Lecture Series. Louisville, KY. Nov 2015.
6. Changing Paradigms in the Metabolic Response to Trauma. Trauma Multi-disciplinary Conference. Louisville, KY. Nov 2015.
7. The Louisville Experience: Ballistic Chest Trauma over Forty Years. Surgery Grand Rounds. Louisville, KY. Jan 2016.
8. GSW to the... Around the Issue in Sixty Minutes. Surgery Grand Rounds. Louisville, KY. Jan 2017.
9. The Intraoperative Audible- Indications to Bail Out in Surgery. July 28, 2017. Surgery Grand Rounds. Louisville, KY July 2017.

### **REGIONAL INVITED LECTURES**

1. Damage Control Laparotomy: The Louisville Experience. American College of Surgeons- Kentucky Chapter Meeting. Sept 2009. 2nd Place Paper.
2. Morbid Obesity and Burns. Kentucky Society of Parenteral and Enteral Nutrition. Louisville, KY, 2010.
3. CDC Pneumonia Criteria Overtriges VAP Rates in Trauma Patients. American College of Surgeons- Kentucky Chapter Meeting. Sept 2010. 2nd place paper.
4. Metabolic Management of the ICU Patient. KYSPEN. Louisville, KY June 3, 2011.
5. CAN WE FEED? A Mnemonic Merging Critical Care and Nutritional Support. KYSPEN. Louisville, KY June 8, 2012.
6. Consensus Recommendations for Peri-operative Nutrition Support in Elective Surgery- KYSPEN Meeting June 14, 2013.
7. Metabolic Alteration from Trauma and Surgical Stress and the Role of Nutrition Support. Trauma Nurse Practitioner Lecture Series. Louisville, KY July 2013.
8. Management of Abdominal and Thoracic Trauma Crash Course. Kentucky State Trauma Registrar Conference. Louisville, KY. May 2014.
9. Moderator- President- Kentucky Society Parenteral and Enteral Nutrition Society Annual Meeting, Louisville, KY. June 2014.
10. Moderator: Controversy and Intrigue in Nutrition Support. Annual KYSPEN Meeting. Louisville, KY. June 5, 2015.
11. Controversy and Intrigue: Recent Trials in Nutrition Support. KYSPEN Meeting. Louisville, KY. June 5, 2015.
12. Invited Discussant Panel. KYSPEN. Louisville, KY. June 10, 2016.

### **NATIONAL INVITED LECTURES**

1. *CDC Criteria overtriges pneumonia rates in trauma patients.* Region IV COT meeting. Winston-Salem, NC. Nov. 2010.
2. *CAN RN FEED: A Mnemonic merging critical care and nutritional support.* American Society of Parenteral and Enteral Nutrition. Las Vegas, NV. Feb 2010.

3. McClave S, Martindale R, Savaadra J, Taylor B. *Nutrition Emergency in the ICU: Challenges and Solutions.*, ASPEN Orlando, FL January 22, 2012
4. *Pressure of Critical Illness: Effect on Gut Structure and Function.* ASPEN Fellows Course. Sanibel Island, FL June 5, 2012.
5. *Nutrition Assessment in the ICU.* ASPEN Fellows Course. Sanibel Island, FL June 6, 2012.
6. *Compromised Bowel: Nutritional Ramifications.* ASPEN Fellows Course. Sanibel Island, FL June 6, 2012
7. Peri-operative Nutrition Support. North American Surgical Nutrition Summit. Phoenix, AZ. Sept 21-23, 2012.
8. *The Role of Peri-operative Nutrition Support in Elective Surgery.* UT-Knoxville, Department of Surgery Grand Rounds. Knoxville, TN May 2013.
9. *Novel Strategies for Nutrition Support in the ICU.* University of Texas Medical Center Dietitian Meeting. Houston, TX October 2013.
10. *Novel Strategies for Nutrition Support in the ICU.* University of Texas Medical Center/Memorial Hermann Hospital- Pulmonology Grand Rounds. October 2013.
11. *Nutrition Support in Elective Surgery.* ASPEN Meeting. Savannah, GA. January, 2014.
12. Moderator- *The Changing Face of the Physician Nutritionist-* Medical Practice Committee. ASPEN Meeting. Savannah, GA. January, 2014.
13. Moderator- *Contemporary Nutrition Issues: Delivery and Documentation.* ASPEN Meeting. Savannah, GA. January, 2014.
14. Moderator- *Contemporary Nutrition Issues: Management of Chronic Diseases.* ASPEN Meeting. Savannah, GA. January, 2014.
15. *Benefits of Enteral versus Parenteral Nutrition in the Hospitalized Patient.* UTMC Nutrition Support Team Rounds. Toledo, OH. May 2014.
16. *Immunonutrition and Surgery.* William Beaumont Hospital. Detroit, MI. May 2014.
17. *Surgical and GI Resuscitation Strategies- Isn't it all the Same?* Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2014.
18. *Surgical and Endoscopic Management of Choledocholithiasis.* Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2014.
19. *The Metabolic Response to Insult and Nutrition Support.* Loma Linda Medical Center. Medicine/Anesthesia Grand Round. Loma Linda, CA. October 15, 2014.
20. *Peri-operative Nutrition Support: What, When, Why?* Cedars Sinai -Nutrition Support Team Rounds. Los Angeles, CA. October 15, 2014
21. *Gastric Residual Volumes: Do they have a role in the ICU?* Post Graduate Course: Nutrition in Critical Care. ASPEN. Long Beach, CA. February 14, 2015.
22. *Trophic versus Full Feeding in Critically Ill Trauma Patients. A Proposed Trial.* ASPEN. Long Beach, CA. February 14, 2015.
23. *Open Forum Discussion: Future Directions of the Medical Practice Section.* Moderator and Chair. Medical Practice Section Meeting. ASPEN. Long Beach, CA. February 15,23 2015.
24. Invited Discussant: Bi-directional barrier dysfunction with Administration of Parenteral Nutrition. Research Section Meeting. ASPEN. Long Beach, CA. February 16, 2015.
25. *Acute Cholecystitis: Surgery, Antibiotics, or Drain?* Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2015.
26. *Management of Enterocutaneous Fistula.* Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2015.
27. *Acute Appendicitis: Antibiotics or Surgery?* Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2015.
28. *ICU Nutrition, Guidelines, and the Trauma Patient.* ASPEN CNW Meeting. Austin, TX. Jan 2016.
29. Moderator: *Post-graduate Course: Critical Care: Applying Evidence to Practice.* ASPEN CNW Meeting. Austin, TX. Jan 2016.
30. Moderator: *Medical Practice Section Meeting.* ASPEN CNW Meeting. Austin, TX. Jan 2016.
31. *Ballistic Thoracic Trauma.* Southern Surgical Travel Group Meeting. Louisville, KY. April 2016.
32. *Post-Graduate course: Critical Care- Current and Controversial Topics in ICU Nutrition.* Expert Panelist. ASPEN Meeting. Orlando, FL. Feb 18, 2017.

33. *Hot Topics: Contemporary Nutrition Issues for the Practicing Clinician*. Moderator. ASPEN Meeting. Orlando, FL. Feb 20,2017.
34. *Managing Difficult Gallbladder Disease*. Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2017.
35. *Evolving Management of Acute Appendicitis*. Medical and Surgical Approaches to GI Disorders. Kiawah Island, SC. July 2017.

## **RESIDENT/FELLOW LECTURES**

1. Initial Resuscitation in Trauma and Burns- Critical Care Conference-Louisville, KY August 2012.
2. Renal Replacement Therapy in the ICU- Critical Care Conference- January 24, 2013
3. Nutrition in the Critically Ill Patient- Resident Conference- April 5, 2013
4. Shock Physiology- ICU Basic Training Conference- April 26, 2013
5. Burn Management and Evaluation- Critical Care Conference- August 15,2013
6. Abdominal and Thoracic Trauma- Resident Conference- August 16, 2013
7. Burn Management and Evaluation- Resident Conference, Sept 20,2013
8. Nutrition Support in Trauma- Critical Care Conference- Jan 23, 2014
9. Penetrating Thoracic Trauma and Ballistics- March 27, 2014
10. Burn Resuscitation and Management of Compartment Syndromes- June 12, 2014
11. Trauma Resuscitation and Initial Management- July 24, 2014
12. Metabolic Response to Critical Illness- Sept 11, 2014
13. Multi-System Organ Failure in the ICU- Jan 16, 2015
14. Oral Board Preparation- Feb 28, 2015
15. Resuscitation and Management of Burns- Crit Care Conf- March 3, 2015
16. Trauma Resuscitation and Initial Management- Crit Care Conf- July 9, 2015
17. Burn Management- Crit Care Conference- March 24, 2016.
18. Hepatic/Splenic Trauma- Resident Conference- March 25, 2016.
19. Fluids and Electrolytes- Resident Conference- July 15, 2016.
20. Resuscitation Strategies in Shock- Critical Care Conference- July 28, 2016
21. Critical Care Nutrition and Metabolism- Critical Care Conference- August 8, 2016
22. Burn Care: Initial Management and Topical Therapy- Critical Care Conferene- 3/9/2017
23. Initial Resuscitation in Trauma- Critiical Care Conference- July 27, 2017.

## **RESIDENT MOCK ORAL EXAMINATIONS**

General Surgery Residents- 2/13/16

## **STUDENT LECTURES**

1. Medical Physiology Simulation Exercise-Shock- 2/21/14- Medical students- physiology
2. Integrated Curriculum- Abdominal Pathology- 9/18/2014- 1st year students
3. Medical Physiology Simulation Exercise- Myocardial Ischemia- 1/15/2015
4. Clinical Nutrition for Surgical Interns- 3/26/2015
5. Teamwork in Clinical Scenarios- 1st Year Medical Student Orientation- 8/5/2015
6. Medical Physiology Simulation- Myocardial Ischemia- 1/15/2016
7. Initial Assessment of the Trauma Patient- Medical Student Clerkship- 3/16/16
8. Nutrition Support in Hospitalized Patients- MS 4 Intern Prep- 3/22/2016

9. Evaluation of the Trauma Patient- 8/4/2016
10. Clinical Nutrition Support for Interns- MS4- 3/27/2017
11. Assessment of the Trauma Patient- MS3- 5/10/2017

**STUDENT ORAL EXAMINATION**

Oral Exam Administration- 2/22/13, 3/19/13, 8/16/13, 10/11/13, 6/27/2014, 8/29/14,  
7/10/2015,12/19/16

**COMMUNITY INVOLVEMENT:**

Jefferson County Firearm Injury Database  
Violence Injury Prevention Program  
Bullets Have No Eyes  
Victims of Gun Violence Memorial Service  
Stop the Bleed- Moore High School