

HEIDI J MILLER, MD MPH FACS

Advanced Minimally Invasive Surgery, Endoscopy and Abdominal Wall Reconstruction

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May 27, 2026

Professional Positions

Attending Surgeon	10/2020 - Present
Co-Director Comprehensive Hernia Center	10/2020 - Present
Associate Program Director - General Surgery Residency	10/2022 - Present
Maine Medical Center	Portland, ME
Associate Professor of Surgery	3/2025 - Present
Clinical Assistant Professor of Surgery	8/2021 - 3/2025
Tufts University	Portland, ME
Assistant Professor of Surgery	9/2016 - 9/2020
University of New Mexico/SRMC	Albuquerque, NM
Locums General Surgery Coverage	12/2015
Weatherby Healthcare	Defiance, OH
House Staff President/President Elect	7/2013 - 6/2015
Albert Einstein Medical Center	Philadelphia, PA
Consultant: Program Management	7-8/2006
Equal Access	Kabul, Afghanistan
Public Health Coordinator	9/2003 - 1/2006
United States Peace Corps	Cameroon

Post-Graduate Training

Advanced GI MIS/Endoscopy Fellow	07/2015 - 06/2016
University Hospitals Case Medical Center	Cleveland, OH
Surgical Chief Resident	07/2014 - 06/2015
Albert Einstein Medical Center	Philadelphia, PA
Surgical Resident	07/2010 - 06/2014
Albert Einstein Medical Center	Philadelphia, PA

Education

Doctor of Medicine	8/2006 - 5/2010
University of Colorado School of Medicine	Denver, CO
MPH — Social and Behavioral Studies	1/2002 - 7/2003
Boston University School of Public Health	Boston, MA
German Studies Scholar	8/1999 - 7/2000
Ruprecht Karls Universitaet	Heidelberg, Germany
BA cum laude — Cultural and Premedical Studies	8/1997 - 5/2001
Simon's Rock College of Bard	Great Barrington, MA

Licensure and Certifications

American Board of Surgery Certification 062453	Exp 2027
ME Medical License MD23890	Exp 2027
NM Medical License MD2016-0579	Exp 2023
Stanford Physician Well-being Director Course	2023
SAGES Fundamentals of Leadership Development	2023
Advanced Cardiac Life Support	2020
Diploma in Mountain Medicine	2018
DaVinci System Training	2016
Fundamentals of Endoscopic Surgery	2015
SAGES Fellows Endoscopy Course	2015
Fundamentals of Laparoscopic Surgery	2015
ASSET Course	2014
Advanced Trauma Life Support	2014
ATOM Course	2012

Professional Affiliations

Association of Program Directors in Surgery
American College of Surgeons: Fellow
Association of Women Surgeons
SAGES Member: FES Committee Co-Chair
American Hernia Society: Chair, Membership committee
Wilderness Medicine Society - Lifetime Member

Volunteer Positions

Surgical Volunteer	11/2025
Hernia International	Nyandarua, Kenya
Surgical Volunteer	04/2025
Hernia International	Bawal, Pakistan
Trip Leader	11/2024
Hernia International	Meru, Kenya
Surgical Volunteer	07/2017
Hernia International and Brazilian Hernia Society	Rio de Janeiro, Brazil
Surgical Volunteer	03/2013
Operation Hernia	Maranhao, Brazil
Medical Volunteer	2022 - 2025
Sea to Summit Race - New England Endurance Events	Maine, USA
Surgical Assist- Cleft Lip and Palate Mission	08/2009
Chinese Agape Foundation	Changde, China

Languages

Intermediate French
Intermediate German
Basic Spanish

Journal Activity

Hernia	2023 - Present
Manuscript Reviewer	
Surgery	2023 - Present
Manuscript Reviewer	
Surgical Endoscopy	2018 - Present
Manuscript Reviewer	
Surgical Laparoscopy, Endoscopy, and Percutaneous Techniques	
Peer Reviewer and Editorial Board Member	2020 - Present

Committee/Leadership Positions

Limitless Steering Committee	2025 - Present
American Society for Plastic Surgery / AHS	
Complex Hernia Center Leadership	2020-Present
Surgical Specialty Advisory Committee	2022 - 2023
Robotic Steering Committee	2020-2023
Maine Health Surgical Services	Portland, ME
Medical Director Surgical Services Floor	2019- 2020
Robotic Steering Committee	2019 - 2020
University of New Mexico Hospital	Albuquerque, NM
Counselor Member	2018-2019
NM ACS Chapter Board	Albuquerque, NM
Inpatient Services Committee	2017-2019
Sandoval Regional Medical Center	Rio Rancho, NM
Resident Simulation Committee	2016-2020
BATCAVE Oversight Committee	2016-2020
UNM Department of Surgery	Albuquerque, NM

Honors and Awards

UNM Department of General Surgery Teaching Award	2019
Operation Giving Back Junior Faculty Scholarship	2016
Intern of the Year Albert Einstein Medical Center	2011
Adler Mentored Scholarly Activity Scholarship	2010
Gold Humanism Honor Society	2009
Adler Mentored Scholarly Activity Award	2009
Ruskin Family Award for Community Service	2008
LEADS Program Scholar	2007
University of Colorado Diversity Scholarship	2007
University of Colorado Student Research Award	2007

Peer Reviewed Publications

Heidt N, Whiting J, Falank C, Olsen B, **Miller H**, Sawhney J. Educational Value of Surgical Residents Operating as Teaching Assistant. *J Surg Educ*. 2023 Nov;80(11):1522-1528. doi: 10.1016/j.jsurg.2023.06.008. Epub 2023 Jul 7

Majumder A, Martin-Del-Campo LA, **Miller HJ**, Podolsky D, Soltanian H, Novitsky YW. Evaluation of anterior versus posterior component separation for hernia repair in a cadaveric model. *Surg Endosc*. 2020 Jun;34(6):2682-2689. doi: 10.1007/s00464-019-07046-9.

Martin-Del-Campo LA, **Miller HJ**, Elliott HL, Novitsky YW. Laparoscopic ventral hernia repair with and without defect closure: comparative analysis of a single-institution experience with 783 patients. *Hernia*. 2018 Dec;22(6):1061-1065. doi: 10.1007/s10029-018-1812-2.

Miller HJ. Inguinal Hernia: Mastering the Anatomy. *Surg Clin North Am*. 2018 Jun;98(3):607-621. doi: 10.1016/j.suc.2018.02.005. Review.

Majumder A, **Miller HJ**, Del Campo LM, Soltanian H, Novitsky YW. Assessment of myofascial medialization following posterior component separation via transversus abdominis muscle release in a cadaveric model. *Hernia*. 2018 Aug;22(4):637-644. doi: 10.1007/s10029-018-1771-7.

Majumder A, Orenstein SB, **Miller HJ**, Novitsky YW. Stapled Transabdominal Ostomy Reinforcement with retromuscular mesh (STORRM): Technical details and early outcomes of a novel approach for retromuscular repair of parastomal hernias. *Am J Surg* 2018 Jan;215(1):82-87. doi: 10.1016/j.amjsurg.2017.07.030. Epub 2017 Jul 21.

Majumder A, **Miller HJ**, Patel P, Wu YV, Elliott HL, Novitsky YW. Evaluation of antibiotic pressurized pulse lavage for contaminated retromuscular abdominal wall reconstruction. *Surg Endosc*. 2017 Jul;31(7):2763-2770. doi: 10.1007/s00464-016-5283-1. Epub 2016 Oct 31.

Miller HJ, Neupane R, Fayeizadeh M, Majumder A, Marks JM. POEM is a cost-effective procedure: cost-utility analysis of endoscopic and surgical treatment options in the management of achalasia. *Surg Endosc*. 2017 Apr;31(4):1636-1642. doi: 10.1007/s00464-016-5151-z.

Garst, GC, **Miller, HJ**, Leung PS, Kaplan MJ, Biffl WL. Delayed duodenal injury following abdominal gunshot wound. *J Trauma Acute Care Surg*. 2014 Nov;77(5):796-797. doi: 10.1097/TA.0000000000000449. PMID: 25494435.

Miller, HJ. Lessons from Rwanda: An Argument for Cooperative Humanitarian Action in Response to Genocide. Simon's Rock College: Gt Barrington, MA 2001

Book Chapters

Miller, H., Bolton, J. (2025). **Open Flank Hernia Repair**. In: Novitsky, Y.W. (eds) *Hernia Surgery*. Springer, Cham. https://doi.org/10.1007/978-3-031-89848-8_21

Heidi J Miller and Yuri W Novitsky. **Robotic Transversus Abdominis Release**. In: *Atlas of Robotic Surgery*. Yusef Kudsi. Cine-Med, Inc.; 1st edition August 31, 2018

Heidi J Miller and Yuri W Novitsky. **Ventral Hernia and Abdominal Release Procedures**. In: *Shackelford's Surgery of the Alimentary Tract*, 2 Volume Set, 8th Edition. Charles J Yeo. Elsevier. Chapter 52. March 2018

Heidi J Miller and Jeffrey M Marks. **Alternative Uses of Percutaneous Endoscopic Gastrostomy**. In: *Percutaneous Endoscopic Gastrostomy (PEG): Techniques, Effectiveness and Potential Complications*. Eric M Pauli and Jeffrey M Marks. Nova Science Pub Inc. Chapter 15. August 2016.

Other Publications

Americas Hernia Society Hernia Coding Advisory Approved January 27, 2023. https://www.americanherniasociety.org/files/ugd/c430c2_879cb116a0124e409568b25cd81330b2.pdf

Miller, HJ. Lessons from Rwanda: An Argument for Cooperative Humanitarian Action in Response to Genocide. Simon's Rock College: Gt Barrington, MA 2001

Podium Presentations

Button K, Trimble L, Howard R, Brady T and **Miller HJ.** **Fistulizing Metastatic Squamous Cell Carcinoma: An Acceptable Cost Of Over-Optimization In Ventral Hernia Repair?** Podium Presentation. *AHS 2024*. Chicago, IL. September 2024.

Miller HJ, Neupane R, Fayeizadeh M, Majumder A, Marks J. **POEM is a Cost-Effective Procedure: Cost-Utility Analysis of Endoscopic and Surgical Treatment Options in the Management of Achalasia.** Podium Presentation. *SAGES 2016*. Boston, MA. March 2016.

Miller HJ and Novitsky YW. **Laparoscopic Abdominal Wall Reconstruction with Transversus Abdominal Release.** Video Podium Presentation. *SAGES 2016*. Boston, MA. March 2016.

Majumder A, **Miller HJ** and Novitsky YW. **Combined Laparoscopic Repair of Subxiphoid and Diaphragmatic Hernias in a Heart Transplant Recipient.** Video Podium Presentation. *SAGES 2016*. March 2016.

Hissett J and **Miller HJ.** **Meeting the Needs of Refugees: Comparing preliminary results of an ongoing refugee health needs assessment in Denver with the current provider environment.** Panel Presentation: Migration and Health. *GHEC Alliances for Global Health Education: Learning from South-South Collaborations*. Cuernavaca, Mexico. April 2010

Miller HJ. **Developing a Comprehensive Needs and Resources Assessment for Implementing Sustainable and Effective Health Interventions.** Best Practice: Partnerships and Programs Panel Presentation. *GHEC Ethics and Human Rights Conference*. Sacramento, CA. April 2008

Invited Lectures

Miller, Heidi J. *Parastomal Hernia Care.* The Hernias we Struggle With. American Hernia Society. Nashville, TN. September 2025

Miller, Heidi J. *Denervation and Diastasis, Do Nothing?* Abdominal Wall Hernias: The Goldilocks Fit – How Do We Get It Just Right? *SAGES 2025*. Long Beach, CA. March 2025

Miller, Heidi J. Panelist. Managing Employees and Teams. Limitless Leaders Summit. Boston, MA. January 2025

Miller, Heidi J. Co-Moderator. Everything but the Operation. Austin, TX. September 2024

Miller, Heidi J. *Open Diastasis Repair, When and How.* Where Are We with Diastasis Recti Management? American Hernia Society. Chicago, IL. September 2024

Miller, Heidi J. *Controversies in Hernia Surgery and Mesh Use.* *SAGES 6th Annual Minimally Invasive Surgery Fellows Career Development Course*. Nashville, TN. August 2024

Miller, Heidi J. *S**** Going Down: Continuing to Educate When Things Aren't Going as Planned.* *SAGES 2024*. Cleveland, OH. April 2024

Miller, Heidi J. *Hernia Repair and GI Reconstruction: To Stage or Not to Stage.* *SAGES 2024*. Cleveland, OH. April 2024

Miller, Heidi J. *Per Oral Endoscopic Myotomy*. Maine SGNA Fall Conference. Portland, ME. November 2023

Miller, Heidi J. Co-Moderator. *My Crazy Cases From the Last Year*. American Hernia Society. Austin, TX. September 2023

Miller, Heidi J. *Advocacy as Hernia Surgeons*. Economics - New Codes, Advocacy, Cost Containment. American Hernia Society. Austin, TX. September 2023

Miller, Heidi J. *Sex Disparities in Hernia Treatment and Outcomes*. Disparities in Hernia Care. American Hernia Society. Austin, TX. September 2023

Miller, Heidi J. *Growing Pains: Lessons Learned in the Search of my Personal Best and Finding Fulfillment in a Chaotic System*. Einstein Healthcare Network. Department of Surgery Grand Rounds. May 2023

Miller, Heidi J. *Non-Optimized Patients*. Algorithms in Ventral Hernia Repair American Hernia Society. Charlotte, NC. September 2022

Miller, Heidi J. *Updates and Considerations in Complex Ventral Hernia Repair*. Maine ACS Chapter Meeting. Portland, ME. September 2022

Miller, Heidi J. *Expert Panelist*. Residents and Fellows Session Part 1. SAGES 2022. Denver, CO. March 2022.

Miller, Heidi J. *Training for FES: What Does it Take to Pass? FES: Past, Present and Future*. SAGES 2022. Denver, CO. March 2022.

Miller, Heidi J. *To Stage or Not to Stage... AWR with Concomitant GI Surgery*. Hernia Surgery Summit 2022. Snowmass, CO. February 2022.

Miller, Heidi J. *Open Flank Hernia Repair*. Hernia Surgery Summit 2022. Snowmass, CO. February 2022

Miller, Heidi J. *POEM after Heller Myotomy: Tips, Tricks and Pitfalls*. Special Considerations in Endoscopic Foregut Surgery. American College of Surgeons Virtual Clinical Congress October 2021

Miller, Heidi J. Co-Moderator. *Acute Bariatric Surgical Emergency*. American College of Surgeons Virtual Clinical Congress October 2021

Miller, Heidi J. *Approaching the Complex Ventral Hernia Patient*. Maine ACS Chapter Meeting. Virtual. July 2021

Miller, Heidi J. *Growing Pains: Lessons Learned in the Search of my Personal Best*. Maine Health. Department of Surgery Grand Rounds. January 2021

Miller, Heidi J. *Per Oral Endoscopic Myotomy for Achalasia*. SAGES Flex Endo Masters Program Collaboration. Facebook live event. May 2020.

Miller, Heidi J. *Endoscopic Enteral Access*. Surgical Endoscopy: Essential Skills in Foregut Surgery. Lecturer and Hands on Skills Instructor. American College of Surgeons Clinical Congress 2019. San Francisco, CA. October 2019

Miller, Heidi J. *What Contributes to Hernia Formation at the Time of Laparotomy? Preventing Incisional Hernias: Do We Need Mesh or Better Surgical Skills?* American College of Surgeons Clinical Congress 2019. San Francisco, CA. October 2019

Miller, Heidi J. *Emergency Surgery in Morbidly Obese Patients.* Non-Bariatric Surgery in the Morbidly Obese Patient. Co-moderator and Speaker American College of Surgeons Clinical Congress 2019. San Francisco, CA. October 2019

Miller, Heidi J. *PEJ and PEG-J.* Masters Flexible Endoscopy: Percutaneous Endoscopic Gastrostomy - the Basics and Beyond. SAGES 2019. Baltimore, MD. April 2019.

Miller, Heidi J. *Early PEG Complications: Bleeding, Dislodgement.* SAGES 2019. Baltimore, MD. April 2019

Miller, Heidi J. Updates on Achalasia. Session Co-Chair. SAGES 2019. Baltimore, MD. April 2019.

Miller, Heidi J. *Surgical Skills Course Faculty: Surgical Endoscopy.* American College of Surgeons Clinical Congress 2018. Boston, MA. October 2018

Miller, Heidi J. *When Bad Things Happen to Good People - Endoscopy: Being FLEXible: ERCP complications-risk factors for perforation, bleeding, pancreatitis; management, indications for surgery.* SAGES 2018. Seattle, WA. April 2018.

Miller, Heidi J. *Approaching the Complex Ventral Hernia Patient.* New Mexico Chapter of the American College of Surgeons, 2017 State of Surgical Science. Albuquerque, NM. Sept 2017.

Miller, Heidi J. *Workup and Management of Esophageal Motility Disorders -What's up with this POEM?* UNM School of Medicine, Department of Surgery Grand Rounds. Albuquerque, NM. Jan 2017.

Miller, Heidi J. *Mastering Inguinal Anatomy for Minimally Invasive Herniorraphy.* PS408 Minimally Invasive Inguinal Hernia Repair: Current Indications and Techniques. American College of Surgeons Clinical Congress 2017. Washington, DC. Oct 2016.

Miller, Heidi J. *Case Studies. How did we do?* Multidisciplinary Trauma Conference. Einstein Healthcare Network. Philadelphia, PA Mar 2015

Miller, Heidi J. *Innovations in Minimally Invasive Surgery.* Albert Einstein Department of Surgery Grand Rounds. Philadelphia, PA Sept 2014

Miller, Heidi J. *Damage Control Whipple.* Philadelphia Day of Trauma Presentation. Philadelphia, PA November 2013

Miller, Heidi J. *Rare and Rarer: Gallstone Ileus in the Setting of Situs Inversus and Other Uncommon Causes of Bowel Obstruction.* Albert Einstein Department of Surgery Grand Rounds. Philadelphia, PA Sep 2013

Miller, Heidi J. *Global Surgery.* Albert Einstein Department of Surgery Grand Rounds. Philadelphia, PA November 2012

Miller, Heidi J. *War Surgery.* Albert Einstein Department of Surgery Grand Rounds. Philadelphia, PA June 2012

Miller, Heidi J. *Nutrition for the Surgical Patient.* Albert Einstein Department of Surgery Grand Rounds. Philadelphia, PA April 2011

Miller, Heidi J. *Global Health in your Neighborhood- Think Global Act Local.* AMSA Global Health Leadership Institute . Washington DC September 2007

Poster Presentations

Christensen A, Bock S, **Miller HJ**. **Reeves–Stoppa repair in the setting of chylous ascites**. Poster Presentation. 2019 AHS Annual Meeting. Las Vegas, NV March 2019.

Miller, Heidi J. MD, MPH; Fayeizadeh, Mojtaba MD; Ponsky, Jeffrey L. MD; Marks, Jeffrey M. MD, FACS. **Peroral Endoscopic Myotomy Decreases Heartburn and Dysphagia Symptoms in Achalasia Patients**. Scientific Poster Presentation. *American College of Surgeons Clinical Congress* October 2016.

Majumder, A, **Miller HJ**, Neupane R, Novitsky YW. **Outcomes of Stapled Transabdominal Ostomy Reinforcement with Mesh (STORM) for Retromuscular Parastomal Hernia Repair**. Poster Presentation. *17th Annual Hernia Repair*. Washington, DC. May 2016.

Zahiri HR, et al. **Short-Term Outcomes Post Laparoscopic Abdominal Wall Reconstruction: A Novel Approach and Prospective Multi-Institutional Case Series Study**. Poster Presentation. *SAGES 2016*. Boston, MA. March 2016.

Miller HJ, Wolanin K, and Leung PS. **Training Surgical Residents to Perform Critical Care Focused Echocardiography**. Poster Presentation. *SAGES 2015*. Nashville, TN April 2015

Miller HJ, Are C, Termuhlen P, Yabar C, Ortiz J, MD, Joshi AR. **A Survey of Surgical Educators' Perceptions of Public Health Training**. Poster Presentation. *Einstein Healthcare Network Research Week*. Philadelphia, PA May 2014

Miller HJ, Choudry RG, Zaki R. **Laparoscopic-Assisted Autotransplantation of A Renal Artery Aneurysm**. Poster Presentation. *SAGES 2014*. Salt Lake City, UT April 2014

Miller H, Awad N, Hegazy J. **Gallstone Ileus in the Setting of Situs Inversus**. Poster Presentation. *SAGES 2014*. Salt Lake City, UT April 2014.

Garst G, **Miller HJ**, Leung PS, Kaplan M. **Pancreas-Sparing Duodenectomy Following Abdominal Gunshot Wound**. Poster Presentation: *SCCM 2014 Critical Care Congress*. San Francisco, CA. Jan 2014

Pang JH, Karipineni F, Yabar C, **Miller H**, Leung PS, Kaplan M. **Damage Control Trauma Pancreaticoduodenectomy Injury: A Case Report**. Poster Presentation: *SCCM 2014 Critical Care Congress*. San Francisco, CA. Jan 2014

Miller HJ, Perloff S, Hegazy J, Joshi AR. **Laparoscopic Liver Biopsy-Essential for Diagnosing Herpes Hepatitis**. Poster Presentation: *SAGES 2013*. Baltimore, MD. April 2013

Previous Research Experience

Ecologically Based Resource and Needs Assessment of the Refugee Population in Denver Mentored Scholarly Activity. CU SOM 2006-2010. Mentor: Eva Aagaard.

HIV Prevention and Cohort Study: Management of HIV study in rural, plantation & military populations in Cameroon. **Animal Health Study:** Animal collection to catalog viruses and survey for wild animal 'die-offs'. **Rural Health Development Project:** Provision of technical assistance and resources to aid in the development of local health infrastructure for provision of prevention and care for HIV and other infectious diseases.

Walter Reed Johns Hopkins Cameroon Program. 2003- 2005. PI: Nathan Wolfe.