**ARCHANA RAMASWAMY, M.D., M.B.A, F.A.C.S.**

**PROFESSIONAL ADDRESS**

Department of Surgery, University of Minnesota

Professor of Surgery

1 Veterans Dr

Minneapolis, MN 55417

Mobile (573)823-5651

Office (612)467-2063

ramaswam@umn.edu

archana.ramaswamy@va.gov

**IDENTIFYING INFORMATION**

 **Education**

|  |  |  |
| --- | --- | --- |
| **Degree** | **Institution** | **Date Degree Granted** |
| M.D. | McGill UniversityMontreal, Quebec CanadaMDCM |  1990 – 1995 |
| Surgery Residency Post-Graduate | McGill UniversityMontreal, Quebec CanadaMcGill University Montreal, Quebec CanadaCoursework completed for MSc  | 1995-20002001-2002 |
| FellowshipM.B.A.  | Emory UniversityAtlanta, GeorgiaMinimally Invasive SurgeryUniversity of St. ThomasMinneapolis, MNOpus College of Business  | 2002-20032015-2017 |

 **Certifications, Licenses**

 DEA Certificate April 2005-present

 Medical License: Minnesota: No. 55980 November 2012- present

 American Board of Surgery 2001

 Recertified 2012

 The Royal College of Physicians and Surgeons of Canada 2000

 Specialty Certification in General Surgery

 College des Medecins du Quebec 2000

 Specialty Certification in General Surgery

 Medical License: Missouri: No. 2005020203 June 2005- December 2012

###  Medical License: Ontario, Canada: No. 80116 September 2003- June 2005

 Medical License: Georgia: No. 51374 July 2002- June 2003

 Medical License: Quebec, Canada: No. 00-507 September 2000- June 2002

 USMILE: Step 1-Step 3 1999-2002

 Medical Council of Canada Qualifying Exam: Part I/Part II 1995-1996

 **Academic Appointments**

Professor of Surgery, University of Minnesota

 Minneapolis, MinnesotaJuly 2020-

 Associate Professor of Surgery, University of Minnesota, 2012-2020

 Minneapolis, Minnesota

 Assistant Professor of Surgery, University of Missouri School of Medicine, 2005-2012

 Columbia, MO

 Associate Clinical Track, Emory University Hospital, 2002-2003

 Atlanta, GA

 **Hospital and Medical School Administrative Appointments**

MIS/Bariatric Surgery Fellowship Director, University of Missouri Medical School, 2009-2012

 Columbia, MO

 **Hospital Appointments**

 Attending Surgeon, Minneapolis VA Medical Center, 2012-present

Minneapolis, MN

Attending Surgeon, M Health Fairview Clinics and Surgery Center-Maple Grove 2012-present

Minneapolis, MN

 Attending Staff, University of Missouri Healthcare, 2005-2012

Columbia. MO

Attending Staff, Surgery Center of Columbia, 2008-2012

 Columbia, MO

 Attending Staff, Harry S. Truman Memorial Veterans’ Hospital, 2005-2012

Columbia. MO

 Attending Staff, Women’s and Children’s Hospital, 2005-2012

Columbia. MO

 Attending Staff, Tillsonburg District Memorial Hospital, 2003-2005

 Tillsonburg, Ontario, Canada

 Attending Staff, Centre Hospitalier Anna Laberge, 2001-2002

 Chateauguay, Quebec, Canada

 Locums, Various Regions of Quebec, Canada 2000-2001

 **Consulting Positions**

Consulting agreement with Tissium 2022

 Consulting agreement with Vicarious Surgical 2022-

Consulting agreement with CMR Surgical 2020-present

Consulting agreement with Allergan 2020

Consulting agreement with Polynovo 2019-2020

 Consulting agreement with Medtronic 2018-2019

 Clinical Advisory Board

 Consulting agreement with ValenTx 2016-2019

 Member of DSMB

Consulting agreement with Intuitive Surgical 2016

 Consulting agreement with Covidien for teaching courses 2010-2013

 **Current Membership and Offices in Professional Organizations**

America’s Hernia Society 2008-present

American College of Surgeons (Fellow) 2006-present

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 2003-present

**RESEARCH AND SCHOLARSHIP**

**Grants and Contract**

1. Role: Lead Site Investigator

Name of PI: Hope, WW

External Granting Agency: Becton Dickinson

Project Title: PREVENT

Project Dates: 01/2021-02/2022

Direct Costs Per year: N/A

% Effort/Salary Support: no salary support

1. Role: Site Investigator

Name of PI: Kougias, P.

External Granting Agency: VA Office of Research and Development- VA Cooperative Study

Project Title: Transfusion Trigger After Operations in High Cardiac Risk Patients

Project Dates: 05/2019-current

Direct Costs Per year: N/A

% Effort/Salary Support: no salary support

1. Role: Principal Investigator

Name of PI: Ramaswamy, A.

External Granting Agency: Foundation for Surgical Fellowships

Project Title: MIS/Bariatric Surgical Fellowship

Project Dates: 7/2012-6/2013

Direct Costs Per year: $61,000

% Effort/Salary Support: no salary support

1. Role: Principal Investigator

 Name of PI: Ramaswamy, A.

 External Granting Agency: Foundation for Surgical Fellowships

 Project Title: MIS/Bariatric Surgical Fellowship

 Project Dates: 7/2011-6/2012

 Direct Costs Per year: $62,500

% Effort/Salary Support: no salary support

1. Role: Principal Investigator

Name of PI: Ramaswamy, A.

External Granting Agency: Ethicon Endo Surgery

Project Title: Minimally Invasive Surgical Fellowship

Project Dates: 7/2010-6/2011

Direct Costs Per year: $65,000

% Effort/Salary Support: no salary support

1. Role: Principal Investigator

Name of PI: Ramaswamy, A.

External Granting Agency: Covidien

Project Title: Minimally Invasive Surgical Fellowship

Project Dates: 7/2010-6/2011

Direct Costs Per year: $70,000

% Effort/Salary Support: no salary support

1. Role: Principal Investigator

Name of PI: Ramaswamy, A.

External Granting Agency: Ethicon Endo Surgery

Project Title: Minimally Invasive Surgical Fellowship

Project Dates: 7/2009-6/2010

Direct Costs Per year: $65,000

% Effort/Salary Support: no salary support

1. Role: Principal Investigator

Name of PI: Ramaswamy, A.

External Granting Agency: Covidien

Project Title: Minimally Invasive Surgical Fellowship

Project Dates: 7/2009-6/2012

Direct Costs Per year: $70,000

% Effort/Salary Support: no salary support

1. Role: Co-Investigator

Name of PI: Miedema, B.

External Granting Agency: Satiety, Inc.

Project Title: A Randomized, Sham-Controlled Trial to Assess the Safety and Effectiveness of Transoral Gastroplasty in the Treatment of Morbid Obesity Project

Dates: 1/2010-4/2011

% Effort/Salary Support: $1,037.75/month

1. Role: Sub-Investigator

Name of PI: Johnson, J.O.

External Granting Agency: Wyeth Research Division of Wyeth Pharmaceuticals Inc.

Project Title: A multicenter, randomized, double-blind, placebo-controlled, parallel-group study of intravenous methylnaltrexone (MOA-728) for the treatment of postoperative ileus after ventral hernia repair

Project Dates: 1/2008-12/2009

Direct Costs Per year: $97,648.12

% Effort/Salary Support: no salary support

1. Role: Sub-Investigator

Name of PI: Ramshaw, B.J.

External Granting Agency: Ethicon, Inc.

Project Title: A Five-Year Follow-up, Post-implantation, Multi Center, International ETHICON Mesh Registry

Project Dates: 9/2007-12/2014

Direct Costs Per year: $12,500

% Effort/Salary Support: no salary support

1. Role: Co-Investigator

External Granting Agency: LifeCell Corporation

Name of PI: Ramshaw, B.J.

Project Title: A Multicenter, Prospective, Observational Evaluation of Repair of Infected or Contaminated Hernias (RICH) using LTM Project

Dates: 7/2007-7/2008

Direct Costs Per year: $141,372

% Effort/Salary Support: no salary support

 **Publications**

 **Peer-Reviewed Publications**

1. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *British Journal of Surgery*. 2021
2. COVIDSurg Collaborative and GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia* vol. 76,6 (2021): 748-758
3. F Muysoms, M Vierstraete, F Nachtergaele, S Van Garsse, P Pletinckx, **A Ramaswamy**. Economic assessment of starting robot-assisted laparoscopic inguinal hernia repair in a single-centre retrospective comparative study: the EASTER study, BJS Open 5(1) January 2021.
4. Bobel, M.C., Kemp, S.E., Wagner, W.A., **Ramaswamy, A.**, Chipman, J.G. Undergraduate, Nonmedical Students can Pass the FLS Manual Skills Exam With Minimal Practice. J Surg Educ. 77(2):485-490, 2020, Mar - Apr.
5. Skube, S. J., **Ramaswamy, A**., Chipman, J. G., & Acton, R. D. Medical student perceptions of 24-hour call. Journal of Surgical Education, 76(2), 387-392, 2019, Mar.
6. Feldman, L.S., **Ramaswamy, A**.

Is Mesh Prophylaxis the Answer to the Prevention of Incisional Hernia?

JAMA Surgery, 154 (2), p. 116.2019, Feb.

1. Muysoms P, Cleven SV, Pletinckx P, Ballecer C, **Ramaswamy A**. Robotic Trans-Abdominal Retro-muscular Umbilical Prosthetic hernia repair (TARUP): observational study on the operative time during the learning curve. Hernia 22(6):1101-1111, 2018, Dec.
2. Muysoms P, Cleven SV, Kyle-Leinhase I, Ballecer C, **Ramaswamy A**. Robotic assisted laparoscopic groin hernia repair: observational case-control study on the operative time during the learning curve. Surg Endosc 2018: 32(12): 4850–4859 Dec.
3. Harris, H, Hope WH, Adrales G, Andersen DK, Deerenberg EB, Diener H, Dumanian G, East B, Fischer JP, Garcia Ureña MA, Gibeily GJ, Hansson BM, Hernández Granados P, Hiles MC, Jeekel J, Levinson H, Lopez-Cano M, Muysoms F, Pereira JA , Prudhomme M, **Ramaswamy A**, Stabilini C, Torkington J, Valverde S, Young DA. Contemporary concepts in hernia prevention: Selected proceedings from the 2017 International Symposium on Prevention of Incisional Hernias, Surgery. 2018: 164(2):319-326, Aug.
4. Lindsey ME, Holley CT, **Ramaswamy A**, Kelly RF. Infective endocarditis, embolic stroke and splenic abscess: a case report. Journal of Surgical Case Reports, 2017: 8: 1–3.
5. Muysoms, F; Van De Winkel, N; **Ramaswamy, A**. The Achilles' heel of Sugarbaker. 2016: 21(3), pp. 477-479 Dec
6. McFarland S, Manivel JC, **Ramaswamy A**, Mesa H. Gastric-type extremely well-differentiated adenocarcinoma arising in the blind pouch of a bypassed stomach, presenting as colonic pseudo-obstruction. Annals of Gastroenterology 2015: 28 (3): 1-3
7. Giurgius M, Fearing N, Weir A, Micheas L, **Ramaswamy A**. Long-term follow-up of endoscopic sclerotherapy for dilated gastrojejunostomy after gastric bypass. Surg Endosc. 2014: 28(5):1454-9, May 2014
8. Galiñanes E, Shirshenkan JR, Doty J, Wakefield MR, **Ramaswamy A**. Standardized Laparoscopic Simulation Positively Impacts a Students Surgical Experience. Journal of Surgical Education. 2013: 70(4): 508-513, Jul/Aug
9. Wei Wei, **Ramaswamy A**, de la Torre R, Miedema B. Partially Covered Esophageal Stents Cause Bowel Injury When Used to Treat Complications of Bariatric Surgery. Surgical Endoscopy. 2013: 27(1):56-60, Jan
10. Galinanes E, **Ramaswamy A**. Hernia Appendicitis Through A Pfannenstiel Incision. Journal of Surgical Case Reports. 2012 8:3. http://jscr.co.uk/2012/08/colorectal-surgery/appendicitis-found-in-an-incisional-hernia/Open Access Research Journal.
11. Iqbal, A, Miedema, B, **Ramaswamy A**, Fearing N, de la Torre R, Pak Y. Stephen C, Thaler K. Long-term outcome after endoscopic stent therapy for complications after bariatric surgery. Surgical Endoscopy. 2011:25(2):515-20, Feb .
12. Morales M, Wheeler A, **Ramaswamy A**, Scott S, de la Torre RA. Laparoscopic revisional surgery after Roux-en-Y gastric bypass and sleeve gastrectomy. Surgery for Obesity and Related Diseases. September 2010 :Vol. 6 (5): 485-490.
13. Bachman SL, **Ramaswamy A**, Ramshaw BJ. Early results of midline hernia repair using a minimally invasive component separation technique. The American Surgeon. 2009 Jul; 75(7):572-7; discussion 577-8.
14. Edwards C, Geiger T, Bartow K, Jeansonne Louis, Barben B, **Ramaswamy A**, Thaler K, Fearing N, Ramshaw B. Laparoscopic Transperitoneal Repair of Flank Hernias: A Retrospective Review of 27 Patients. Surgical Endoscopy 2009: 23(12): 2692-2696 May.
15. Baghai M, Ramshaw BJ, Smith CD, Fearing N, Bachman S, **Ramaswamy A**. Technique of laparoscopic ventral hernia repair can be modified to successfully repair large defects in patients with loss of domain. Surgical Innovation. 2009 Mar;16(1):38-45.
16. Edwards CA, Bui PT, Astudillo JA, de la Torre RA, Miedema BW, **Ramaswamy A**, Fearing NM. Ramshaw BJ. Thaler K. Scott JS. Management of anastomotic leaks after Roux-en-Y bypass using self-expanding polyester stents. Surgery for obesity and related diseases. September 2008; 4(5): 594-599.
17. Eubanks S, Edwards CA, Fearing NM, **Ramaswamy A**, de la Torre RA, Thaler KJ, Miedema BW. Scott JS. Use of endoscopic stents to treat anastomotic complications after bariatric surgery. Journal of the American College of Surgeons. 2008 May;206(5):935-8; discussion 938-9.
18. Tsereteli Z, Ramshaw B, **Ramaswamy A**, Chronic posterior seroma with neoperitoneum following laparoscopic ventral hernia repair: treatment algorithm. Hernia : the journal of hernias and abdominal wall surgery. 2008 Aug;12(4):363-6.
19. **Ramaswamy A**, Ramshaw B. Laparoscopic Flank Hernia Repair. Operative Techniques in General Surgery. 8(1): 52-61. March 2006
20. VanSickle KR, Baghai M, Mattar SG, Bowers SP, **Ramaswamy A**, Swafford V, Smith CD, Ramshaw BJ. What happens to the rectus abdominus fascia after laparoscopic ventral hernia repair? Hernia. 2005 Dec; 9: 358-62.
21. Gonzalez R, Rehnke RD, **Ramaswamy A**, Smith CD, Clarke JM, Ramshaw BJ. Components separation technique and laparoscopic approach: a review of two evolving strategies for ventral hernia repair. Am Surg. 2005 Jul; 71(7):598-605.
22. **Ramaswamy A**, Lin E, Ramshaw BJ, Smith CD. Early effects of Helicobacter pylori infection in patients undergoing bariatric surgery. Arch Surg. 2004 Oct; 139: 1094-6.
23. Gonzalez R, Smith CD, McClusky DA 3rd, **Ramaswamy A**, Branum GD, Hunter JG, Weber CJ. Laparoscopic approach reduces likelihood of perioperative complications in patients undergoing adrenalectomy. Am Surg. 2004 Aug; 70(8):668-74.
24. **Ramaswamy A**, Gonzalez R, Smith CD. Extensive preoperative testing is not necessary in morbidly obese patients undergoing gastric bypass. J Gastrointest Surg. 2004 Feb; 8: 159-64, discussion 164-5.

 **Non-Peer Reviewed Publications**

1. Wothe, JK, **Ramaswamy A.** Pass/Fail assessment- student, resident and faculty attitudes. Minnesota Medicine, Sept/Oct 2022.
2. Zolfaghari E, Kuehne AM, **Ramaswamy A**, Tignanelli C, Murray A. Vicarious Trauma for Surgical Residents. Minnesota Medicine, May/June 2022.
3. **Ramaswamy A.** Algorithm of Open/Laparoscopic/Robotic Repair. In Robotic Assisted Hernia Repair. ed Leblanc KA 2019: 135-150.
4. Frydenlund P, **Ramaswamy A**. Intraoperative and Postoperative Complications of MIS Inguinal Hernia Repair. In The SAGES Manual of Hernia Surgery. eds Davis S, Dakin G, Bates A. 2019: 549-558.
5. MacEachron K, **Ramaswamy A**. The Treatment of Incarcerated and strangulated Inguinal Hernias. In Textbook of Hernia, eds Hope W, Cobb W, Adrales G. Springer; 2017: 169-175.
6. Ma C, **Ramaswamy A**. Groin Pain: An Overview of the Broad Differential Diagnosis. In The SAGES Manual of Groin Pain, eds Jacob B, Chen D, Ramshaw B, Towfigh S. Springer; 2016: 41-48.

1. **Ramaswamy A** Technique: Laparoscopic Ventral / Incisional Hernia Repair. In The SAGES Manual of Hernia Repair, eds Jacob B and Ramshaw B. Springer, 2012: 341-352.
2. Bachman SL, **Ramaswamy A**, Ramshaw BJ. Tissue Ingrowth, Adhesion, and Mesh Contraction. In: Schumpelick V, Fitzgibbons R, eds. Hernia Repair Sequelae. New York, NY: Springer; 2010: 346-352.

 **Abstracts Submitted for Publication**

1. **Ramaswamy A**. Bowel Injury During Laparoscopic Ventral Hernia Repair. Hernia. 2016; 20 (S1): S18.

**Patents**

1. Bionanocomposite for Tissue Regeneration and Soft Tissue Repair; Patent No.: 2009293001; March, 19, 2015.

**Presentations**

 **Invited Oral Presentations at International Professional Meetings, Conferences, etc.**

1. **Ramaswamy A.** “Robotic inguinal repair – it is worth it?” European Hernia Society Annual International Congress. October 21st, 2022; Manchester, England.
2. **Ramaswamy A.** “Medicolegal implications of mesh implantation” European Hernia Society Annual International Congress. October 19th, 2022; Manchester, England.
3. **Ramaswamy A.** “Robotic preperitoneal repair of ventral hernias” Scientific session S09 Latest insights in hernia surgery 30th annual European Association of Endoscopic Surgeons Congress, July 6th, 2022; Kraków, Poland
4. **Ramaswamy A.** “What’s new in Hernia Surgery?” 30th annual European Association of Endoscopic Surgeons Congress, July 6th, 2022; Kraków, Poland
5. **Ramaswamy A.** “Robotic surgery for groin hernias” Webinar for Robotic Abdominal Wall Surgery: the evidence and the training. Sponsored by the Royal College of Surgeons of Edinburgh, June 27th, 2022

1. **Ramaswamy A.** “Repair of incarcerated groin hernias” Robotic Abdominal Wall Surgery, June 23rd, 2022; Ghent, Belgium.
2. **Ramaswamy A.** “Evolution of robotic surgery in the US” Robotic Abdominal Wall Surgery June 23rd, 2022; Ghent, Belgium.
3. **Ramaswamy A.** “Economics in robotic hernia surgery” Robotic Abdominal Wall Surgery June 23rd, 2022; Ghent, Belgium.
4. **Ramaswamy A.** “Status of the evidence for Robotic Abdominal Wall Surgery” RAWS 2021. Robotic Abdominal Wall Surgery November 12th, 2021; Ghent, Belgium.
5. **Ramaswamy A.** “I hope we recorded this one!” RAWS 2021. Robotic Abdominal Wall Surgery November 12th, 2021; Ghent, Belgium.
6. **Ramaswamy A.** “Current evidence for robotic inguinal hernia repair” Versius: In conversation. Early experience of inguinal hernia repair with a small, modular robot. European Hernia Society Annual International Congress. October 13th, 2021; Copenhagen, Denmark.
7. **Ramaswamy A. “**Robotic Redo Hiatal Hernia Repair” RAWS 2020. Robotic Abdominal Wall Surgery November 7th, 2020; Ghent, Belgium- virtual conference due to COVID-19.
8. **Ramaswamy A. “**Robotic Hiatal Hernia Repair without mesh” 1st Annual European Robotic Upper GI Surgery Symposium; October 14th, 2019; Ghent, Belgium.
9. **Ramaswamy A. “**Robotic Heller Myotomy” 1st Annual European Robotic Upper GI Surgery Symposium; October 14th, 2019; Ghent, Belgium.
10. **Ramaswamy A.** “Systematic review on obesity surgery and concomitant abdominal wall repair” 27th International congress of the European Association for Endoscopic Surgery; June 12, 2019; Sevilla, Spain.
11. **Ramaswamy A.** “An umbilical hernia should be repaired simultaneously with bariatric surgery” 27th International congress of the European Association for Endoscopic Surgery; June 12, 2019; Sevilla, Spain.
12. **Ramaswamy A.** “Robotic IPOM” 27th International congress of the European Association for Endoscopic Surgery; June 12, 2019; Sevilla, Spain
13. **Ramaswamy A.** “SAGES fundamentals of laparoscopic surgery” 27th International congress of the European Association for Endoscopic Surgery; June 12, 2019; Sevilla, Spain.
14. **Ramaswamy A.** “Robotic Inguinal and Ventral Hernia Surgery in the United States” Hernia Summit 2019 Nanjing; May 31, 2019; Nanjing, China
15. **Ramaswamy A.** “The Achille’s Heel of Sugarbaker” Hernia Summit 2019 Nanjing; May 31, 2019; Nanjing, China
16. **Ramaswamy A.** “Robotic groin hernia repair: extending my MIS indications”2nd Annual European Robotic Abdominal Wall Surgery Symposium; May 13th, 2019; Ghent, Belgium.
17. **Ramaswamy A.** **“**Robots and hernia repair- not just fake news” 19th Annual Steinberg-Bernstein Visiting Professor in Minimally Invasive Surgery- McGill University. Nov 27th, 2018; Montreal, Quebec, Canada.
18. **Ramaswamy A.** **“**Inguinal hernia recurrence” 19th Annual Steinberg-Bernstein Visiting Professor in Minimally Invasive Surgery- McGill University. Nov 26th, 2018; Montreal, Quebec, Canada.
19. **Ramaswamy A. “**Robotic Applications in Hernia Surgery.” Canadian Surgical Forum; Sept 15, 2018; St John’s, Newfoundland, Canada.
20. **Ramaswamy A.** Breakfast with the Professor- parastomal hernias. Canadian Surgical Forum; Sept 15, 2018; St John’s, Newfoundland, Canada.
21. **Ramaswamy A.** “Fundamentals of Robotic Assisted Surgery.” International Symposium on Abdominal Wall Robotic Surgery; May 24, 2018; Ghent, Belgium.
22. **Ramaswamy A.** “Preperitoneal Ventral Hernia Repair: rTAPP Ventral. “International Symposium on Abdominal Wall Robotic Surgery; May 24, 2018; Ghent, Belgium.
23. **Ramaswamy A.** “Paraesophageal and Large Hiatal Hernias.” SAGES Advanced Laparoscopic Upper GI and Bariatric Surgery Workshop; November 20, 2014; London, Ontario, Canada.
24. **Ramaswamy A. “Bariatric Surgery Technique/Anti Reflux Surgery Technique.” SAGES Advanced Laparoscopic Upper GI and Bariatric Surgery Workshop Resident Course; December 6-7, 2012; London, Canada.**
25. **Ramaswamy A. “Bariatric Surgery- the Good, the Bad, and the Ugly.”** University of Western Ontario Schulich School of Medicine and Dentistry, Division of General Surgery Grand Rounds; December 5, 2012; London, Canada.
26. **Ramaswamy A.** “Comorbidites and Hernias: PreOp Considerations, Patient’s Goals Bridging versus Closing a hernia defect: an update Skin / Wound / Mesh Complications: Seroma, Skin Necrosis (Drains, Binders, Antibiotic Protocols).” Covidien Complex Abdominal Wall Reconstruction Masterclass; November 16-17, 2012; Vancouver BC.
27. **Ramaswamy A.** “Comorbidites and Hernias: PreOp Considerations, Patient’s Goals Bridging versus Closing a hernia defect: an update Skin / Wound / Mesh Complications: Seroma, Skin Necrosis (Drains, Binders, Antibiotic Protocols).” Covidien Complex Abdominal Wall Reconstruction Masterclass; February 3-4, 2012; Vancouver, BC.
28. **Ramaswamy A.** “Complex Ventral Hernias.” McGill University; September 27, 2006; Montreal, Quebec, Canada.

**Invited Oral Presentations at National Professional Meetings, Conferences, etc.**

1. **Ramaswamy A.** “Finding the Right Mentor” American Hernia Society Annual Meeting; Sept 16, 2022; Charlotte, NC.
2. **Ramaswamy A.** “All Things Inguinal- Laparoscopic TEP” American Hernia Society Annual Meeting; Sept 14, 2022; Charlotte, NC.
3. **Ramaswamy A** “ Laparoscopic Inguinal Hernia Repair Technique - Totally Extraperitoneal (TEP)” Contemporary Strategies for Minimally Invasive Hernia Repair- American College of Surgeons Clinical Congress; October 26th, 2021;Online due to COVID-19.
4. **Ramaswamy A.** “Management of Parastomal Hernias”; The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)Annual Meeting; August 31st, 2021; Las Vegas, NV.
5. **Ramaswamy A. “**MIS TEP” Hernia Compact; November 9th, 2019; Minneapolis, MN.
6. **Ramaswamy A.** “Intraoperative Complications of Laparoscopic Ventral Hernia: Getting Out of Trouble.” Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair- American College of Surgeons Clinical Congress; October 29, 2019; San Francisco, CA.
7. **Ramaswamy A.** “The Painless Inguinal Hernia Repair.” SAGES 2019 Robotics Residents Course; September 19-20th, 2019; Atlanta, GA.
8. **Ramaswamy A.** “Prophylactic Mesh for Parastomal Hernias? Hernia Prevention: is an Ounce of Prevention Always Worth a Pound of Cure?” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)Annual Meeting; April 4, 2019; Baltimore, MD.
9. **Ramaswamy A.** “Intraoperative Complications of Laparoscopic Ventral Hernia: Getting Out of Trouble.” Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair- American College of Surgeons Clinical Congress; October 24, 2018; Boston, MA.
10. **Ramaswamy A.** “What about Postoperative Pain – Acute and Chronic?” Inguinal Hernia Repair: Open, Laparoscopic or Robotic- American College of Surgeons Clinical Congress; October 22, 2018; Boston, MA.
11. **Ramaswamy A.** “Challenging Inguinal Hernias” Subject Oriented Symposium I: Hernias- American College of Surgeons Clinical Congress; October 22, 2018; Boston, MA.
12. **Ramaswamy A.** “The Great Video Debate: Perfect Inguinal Hernia Repair- TEP Repair.” World Congress of Endoscopic Surgery- hosted by SAGES and CAGS; April 13, 2018; Seattle, WA.
13. **Ramaswamy A.** “Controversies In Laparoscopic Ventral Hernia Repair: Indications, Limitations, Adjunctive Techniques” World Congress of Endoscopic Surgery- hosted by SAGES and CAGS; April 13, 2018; Seattle, WA.
14. **Ramaswamy A.** “Supply Cost Containment: What are the options?” International Hernia Congress; March 14, 2018; Miami, FL.
15. **Ramaswamy A.** “Technical approaches/pearls to Hernia procedures- Inguinal Hernia.” SAGES Robotics Course for Fellows; February 9, 2018; Atlanta, GA.
16. **Ramaswamy A.** “Intestinal Ischemia- Diagnosis and Management.” SSAT/AAST/SAGES Winter Course GI Surgical Emergencies: Challenges and Opportunities; January 19, 2018; Las Vegas, NV.
17. **Ramaswamy A.** “Intraoperative Complications of Laparoscopic Ventral Hernia: Getting Out of Trouble.” Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair- American College of Surgeons Clinical Congress; October 24, 2017; San Diego, CA.
18. **Ramaswamy A.** “Mitigating patient risk factors to prevent incisional hernias.” International Symposium on Incisional Hernia Prevention; October 19, 2017; San Francisco, CA.
19. **Ramaswamy A.** “Non-mesh stoma creation techniques.” International Symposium on Incisional Hernia Prevention; October 19, 2017; San Francisco, CA.
20. **Ramaswamy A.** “Factors leading to Inguinal Hernia Recurrence- What do we know?” Recurrent Inguinal Hernias? —American College of Surgeons Clinical Congress; October 17, 2016; Washington, DC.
21. **Ramaswamy A.** “Laparoscopic Ventral Hernia Repair—Oops What do I do now?” Laparoscopic Inguinal and Ventral Hernia Repair—American College of Surgeons Clinical Congress; October 18, 2016; Washington, DC.
22. **Ramaswamy, A.** “Bowel Injury During Laparoscopic Ventral Hernia Repair.” 17th Annual Hernia Repair; March 31, 2016; Washington, DC.
23. **Ramaswamy A.** “Laparoscopic Ventral Hernia Repair.” SAGES Basic Laparoscopy and Endoscopy Resident Course; October 22-23, 2015; Tampa, FL.
24. **Ramaswamy A.** “Laparoscopic Ventral Hernia Repair—Oops What do I do now?” Laparoscopic Inguinal and Ventral Hernia Repair – American College of Surgeons Clinical Congress; October 6, 2015; Chicago, IL.
25. **Ramaswamy A.** “Overview of Current Mesh Technology: What Every Surgeon Should Know?” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)Annual Meeting; April 16, 2015; Nashville, TN.
26. **Ramaswamy A.** “Lab Instructor, Hands-On Course: All Things Hernia.” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; April 16, 2015; Nashville, TN.
27. **Ramaswamy A.** “Diastatis recti: Nonoperative and Operative options.” First Annual Global Symposium on Robotic-assisted and Minimally Invasive Hernia Repair; March 27, 2015; Manhattan, NY.
28. **Ramaswamy A.** “Use of MIS in Emergency Hernia Repair.” Role of Endoscopy and Minimally Invasive Surgery for the Acute Care Surgeon SAGES resident webinar; February 10, 2015.
29. **Ramaswamy A.** “Intra-Operative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair – Managing intraoperative problems- lecture and instructor in hands on skills lab.” Laparoscopic Hernia Course—American College of Surgeons Clinical Congress; October 7, 2013; Washington, DC.
30. **Ramaswamy A.** “Use of Social Media by Surgical Organizations.” Implementing Social Media Applications into your Continuing Professional Development – American College of Surgeons Clinical Congress; October 8, 2013; Washington, DC.
31. **Ramaswamy A.** “Bariatric Surgery.” SAGES Gastrointestinal Endoscopy and Laparoscopy Workshop; August 1-2, 2013; Cincinnati, OH.
32. **Ramaswamy A.** “Laparoscopic Repair of Flank Hernias: it gets the job done!” Surgical Techniques for Ventral Hernias Postgraduate Course-The Society of American Gastrointestinal and Endoscopic Surgeons **(SAGES)** Annual Meeting; April 17-20, 2013; Baltimore, MD.
33. **Ramaswamy A.** “How to collect and design a database for hernia outcomes/ Mesh- Synthetic, inguinal & ventral.” American Hernia Society- 15th Annual Hernia Repair; March 13-16, 2013; Orlando, FL.
34. **Ramaswamy A.** “Stomach.” SAGES Advanced Laparoscopic Gastrointestinal Surgery Resident Couse; October 18-19, 2012; Cincinnati, OH.
35. **Ramaswamy A.** “Is chronic posterniorrhapy groin pain less with laparoscopic inguinal herniorrhapy?” The Current Status of Laparoscopic Inguinal Herniorrhaphy in General Surgical Practice-American College of Surgeons Clinical Congress; October 2, 2012; Chicago, OH
36. **Ramaswamy A.** “Paraesophageal Hernia Repair.” SAGES Advanced Laparoscopic Solid Organ-Foregut Surgery Resident Course; September 20-21, 2012; Cincinnati, OH
37. **Ramaswamy A.** “Revisional Bariatric Surgery.” SAGES Advanced Laparoscopic Surgery Resident Course; August 30-31, 2012; Cleveland, OH
38. **Ramaswamy A.** “Metabolic Surgery.” Family Medicine Grand Rounds; August 8, 2012; University of Missouri, Columbia, MO
39. **Ramaswamy A.** “Chronic Groin Pain.” Inguinal Hernias: Treating the Other Guy’s Complications – The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; March 8, 2012; San Diego, CA
40. **Ramaswamy A.** “Learning Center: Media Madness.” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; March 7-9, 2012; San Diego, CA
41. **Ramaswamy A.** “Minimally invasive surgery.” Hickman Health Sciences Club; November 14, 2011; Colombia, MO
42. **Ramaswamy A.** “Intra-Operative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair.” October 23, 2011; San Francisco, CA
43. **Ramaswamy A.** “Learning Center: Media Madness.” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; April 1, 2011; San Antonio, TX
44. **Ramaswamy A.** “How to Create and Maintain a Database to Follow Outcomes Endoscopic Component Separation Fixation Choices: Tacks, Sutures and Data.” Covidien Complex Abdominal Wall Reconstruction Masterclass; February 24-25, 2011; Las Vegas, NV
45. **Ramaswamy A.** “Sequelae of GI Surgery – nutritional concerns for the pregnant patient and operative concerns for pelvic procedures.” Grand Rounds lecture for Department of OB/GYN; August 6, 2010; Columbia, MO
46. **Ramaswamy A.** Covidien/SAGES Advanced Laparoscopic Hernia Surgery (Faculty); June 3, 2010; Norwalk, CT
47. **Ramaswamy A.** “Career planning for medical students interested in General Surgery.” University of Missouri Surgery Club; April 12, 2010; Columbia, MO
48. **Ramaswamy A.** “Management of Previous Intraperitoneal Mesh at the Time of Reoperation.” American Hernia Society; March 7, 2010; Orlando, FL
49. **Ramaswamy A.** “Why/When/How to do TEP and TAPP Lap vs. Open Ventral Hernia Repair: Experience and Evidence Synthetic and Biological Mesh for Ventral Hernia Repair.” Annual Minimally Invasive Surgery Symposium (MISS) Faculty; February 22-27, 2010; San Diego, CA
50. **Ramaswamy A.** “Bariatric Surgery.” Heart of Missouri Chapter AORN (Association of Perioperative Registered Nurses); November 16, 2009; Columbia, MO
51. **Ramaswamy A.** “The Primary Care Approach to Groin Pain.” University of Missouri Department of Surgery Symposium; September 18, 2009; Columbia, MO
52. **Ramaswamy A.** “Laparoscopic splenectomy.” Ethicon Solid Organ Care; May 15, 2009; Columbia, MO
53. **Ramaswamy A.** “Laparoscopic Ventral Hernia.” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Residents’ Workshop; February 26, 2009; Cincinnati, OH
54. **Ramaswamy A.** “Complex Lap Inguinal Atypical Ventral Hernias.” Minimally Invasive Surgery Symposium 2009; February 18, 2009; Lake Tahoe, NV
55. **Ramaswamy A.** “Laparoscopic splenectomy.” Ethicon Solid Organ Surgeon Course; February 13, 2009; Columbia, MO
56. **Ramaswamy A.** “Canadian Healthcare System by: Drs. Rumi Faizer and Archana Ramaswamy.” Boone County Medical Society General Membership Meeting; September 16, 2008; Columbia, MO
57. **Ramaswamy A.** “Post-Bariatric Surgery: a Patient for Life.” American College of Surgeons, Missouri Chapter, Scientific Meeting; September 13, 2008; Lake Ozark, MO
58. **Ramaswamy A.** “Challenging Hernias – Laparoscopic Approach for Multiply Recurrent Hernias or Previous Preperitoneal Surgery or Mesh in the Extraperitoneal Space.” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; April 9, 2008
59. **Ramaswamy A.** “Basic Endoscopy and Laparoscopy Resident Workshop.” The Society of Gastrointestinal and Endoscopic Surgeons (SAGES); February 28-29, 2008
60. **Ramaswamy A.** “Minimally Invasive Surgery – It’s Really Cool!” Tomorrow’s Healthcare Elite Program University of Missouri-Columbia; November 29, 2007; Columbia, MO
61. **Ramaswamy A.** “Laparoscopic Sleeve Gastrectomy Course.” University of Missouri, Missouri Center for Advanced Techniques in Surgery; October 29, 2007; Columbia, MO
62. **Ramaswamy A.** “Laparoscopic Bariatric Surgery.” Biodesign and Innovation Program University of Missouri-Columbia; August 7, 2007; Columbia, MO
63. **Ramaswamy A.** “Complex Laparoscopic Ventral Hernia Repair/Atypical Locations/Loss of Domain.” University of Missouri, Missouri Center for Advanced Techniques in Surgery; April 6, 2007; Columbia, MO
64. **Ramaswamy A.** “Advanced Laparoscopic Hernia Repair Surgery Workshop.” The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES); March 8-9, 2007; Norwalk, CT
65. **Ramaswamy A.** “Fixation in Laparoscopic Inguinal Repairs.” “Diaphragm.” “Intraperitoneal Mesh and Adhesives.” “Pro/Con Panel: Lap vs. Open Inguinal Repair & Lap vs. Open Ventral Repair.” Minimally Invasive Surgery Symposium 2007; February 21, 2007
66. **Ramaswamy A**. “Bariatric Surgery Procedures.” University of Missouri Health Care- Presentation to the Biller/Coders; January 4, 2007; Columbia, MO.
67. **Ramaswamy A**. “Telehealth Bariatric Surgery Presentation.” University of Missouri Health Care; November 7, 2006; Columbia, MO.
68. **Ramaswamy A.** “Colon Course.” Missouri Center for Advanced Techniques in Surgery, University of Missouri; November 3, 2006; Columbia, MO.
69. **Ramaswamy A**. “Treatment Modalities for Bariatric Surgery.” Ozark Medical Center; October 22, 2006; West Plains, MO.
70. **Ramaswamy A.** “Post-Graduate Course- Conventional Anterior Ventral Herniorrhaphies: How I Do It? Those Difficult Flank Hernias: Conventional or Laparoscopic?” American College of Surgeons Clinical Congress; October 11, 2006; Chicago, IL.
71. **Ramaswamy A.** “The Next Generation: Emerging Trends in Surgery (Moderator).” Hugh E. Stephenson, Jr., M.D., Department of Surgery – UMC School of Medicine; Septermber 29, 2006; Columbia, MO.
72. **Ramaswamy A.** “Obesity: The Burden of Disease.” Osher LifeLong Learning Institute; September 19, 2006; Columbia, MO.
73. **Ramaswamy A.** “Advanced Laparoscopic Hernia Surgery Workshop.” The Society of American Gastrointestinal and Endoscopic Surgeons; September 14-15, 2006; Norwalk CT.
74. **Ramaswamy A.** “Advanced Laparoscopic Solid Organ/Foregut Surgery Workshop.” The Society of American Gastrointestinal and Endoscopic Surgeons; June 22-23, 2006; Norwalk, CT.
75. **Ramaswamy A.** “Solid Organ Course.” Missouri Center for Advanced Techniques in Surgery- University of Missouri; June 2, 2006; Columbia, MO.
76. **Ramaswamy A.** “Colon Course.” Missouri Center for Advanced Techniques in Surgery- University of Missouri; April 7, 2006; Columbia, MO.
77. **Ramaswamy A.** “Colon Course.” Missouri Center for Advanced Techniques in Surgery- University of Missouri; January 27, 2006; Columbia, MO.

**Invited Oral Presentations at Online Educational Forums**

### Ramaswamy A. Talking to the Wall: Hiatal Hernia “Preop Work up” February 10th, 2021

### Ramaswamy A. Advancing Hernia Repair: Gaining Mastery of Hernia Radiology “Preop Imaging in Inguinal Hernia” November 24th, 2020

### Ramaswamy A. SAGES Foregut Facebook Livestream “Achalasia and Other Primary esophageal motility disorders” Robotics in Foregut Surgery: April 14th, 2020

### Ramaswamy A. SAGES Foregut Facebook Livestream “Paraesophageal Hernia Repair” Technical Tips in Hiatal Surgery: April 14th, 2020 <https://www.sages.org/video/sages-foregut-facebook-livestream-techniques-in-hiatal-surgery/>

**Invited Digital Presentations**

1. **Ramaswamy A.** All Fundoplications. In America’s Hernia Society Educational Video Library. 2021

**Invited Moderator/Panelist at Online Educational Forums**

1. SAGES Robotics Fellows Course Webinar; February 24th, 2021
2. AHS Wise Virtual Library- Lap ETEP Inguinal Hernia Repair Webinar; February 17th 2021

**Invited Oral Presentations at Local and Regional Professional Meetings, Conferences, etc.**

1. **Ramaswamy A.** “About Inguinal Hernia Recurrence- Prevention and Treatment.” Minnesota Surgical Society Fall Conference; Nov 10, 2018; St Paul, MN.
2. **Ramaswamy A.** “Intestinal Ischemia.” University of Minnesota, GI Citywide Conference; May 3, 2018; Minneapolis, MN.
3. **Ramaswamy A.** Factors Associated with Inguinal Hernia Recurrence- not mine, I don’t have recurrences.” University of Minnesota, Division of General Surgery Grand Rounds; November 22, 2016; Minneapolis, MN
4. **Ramaswamy A**. “Surgical Management of Parastomal Hernias.” 79th Annual University of Minnesota Priniciples of Colon and Rectal Surgery Course; September 15, 2016; Minneapolis, MN.
5. **Ramaswamy A.** “Surgical Treatment of foregut disorders.” GI Citywide Conference- University of Minnesota; May 7, 2015; Minneapolis, MN.
6. **Ramaswamy A.** “Endoscopy throughout the Bariatric Surgery Process.” GI Citywide Conference- University of Minnesota; April 17, 2014; Minneapolis, MN.
7. **Ramaswamy A.** “Inguinodynia.” Minneapolis Surgical Society; January 13, 2014; Minneapolis, MN.
8. **Ramaswamy A.** “The Dynamic Abdominal Wall.” University of Minnesota- Division of General Surgery Grand Rounds; December 10, 2013; Minneapolis, MN.

**Peer-reviewed Oral Presentations at Professional Meetings, Conferences, etc.**

1**.** Skube SJ, **Ramaswamy A,** Chipman JG, Acton RD. “Medical Student Perceptions of 24-Hour Call.” Minnesota Surgical Society Spring Meeting. April 20-21, 2018; Rochester, MN.

2. Leffler-McCabe M, Boster J, **Ramaswamy A.** “Strengths, Challenges and Surprises of the First Year of the VA Longitudinal Undergraduate Medical Education (VALUE) Program.” Best Practices in Medical Education Day; May 5, 2016; Minneapolis, MN.

3. Giurgius M, Fearing N, Weir A, Micheas A, **Ramaswamy A**. “Long Term Follow up of Endoscopic Sclerotherapy for Dilated Gastrojejunostomy after Gastric Bypass.” SAGES Annual Meeting; April 19, 2013; Baltimore, MD.

4. Giurgius M, **Ramaswamy A**. “Laparoscopic Paraesophageal Hernia Repair with Gastrointestinal Stromal Tumor Resection.” Video Presentation- Video Channel, SAGES Annual Meeting; April 19, 2013; Baltimore, MD.

5. Wei Wei, **Ramaswamy A**, de la Torre R, Miedema B. “Partially Covered Esophageal Stents Cause Bowel Injury When Used to Treat Complications of Bariatric Surgery.” SAGES Annual Meeting; March 9, 2012; San Diego, CA.

6. Singh R, **Ramaswamy A.** “Laparoscopic Inguinal Hernia Repair With Undescended Testes Removal.” Video Presentation- Video Channel, SAGES Annual Meeting; April 2, 2011; San Antonio, TX.

7. Puricelli M, Wheeler A, **Ramaswamy A**. “Laparoscopic Sleeve Gastrectomy: Effective Treatment For Morbid Obesity And Its Comorbid Conditions.” ACS/Missouri Chapter; June 12, 2011; Lake of the Ozarks, MO.

8. Kalim, J, **Ramaswamy A**. “Reconstruction of the Anterior Abdominal Wall with Bilateral Endoscopic Component Separation, Laparoscopic Assisted Medialization of the Rectus and Laparoscopic Mesh Placement.” Video Presentation Scientific Session SAGES and CAGS World Congress of Endoscopic Surgery; April 16, 2010; National Harbor, MD.

9. Bachman SL, **Ramaswamy A**, Ramshaw BJ. “Early Results of Midline Hernia Repair Utilizing a Minimally Invasive Component Separation Technique.” Southeastern Surgical Congress, University of Alabama at Birmingham; February 9, 2009; Birmingham, AL.

10. Bachman SL, Jolley JM**, Ramaswamy A**, Ramshaw BJ. “The utility of laparoscopy in exploring all groin hernia spaces – A retrospective analysis.” 29th International Congress of the European Hernia Society; May 6, 2007; Athens, Greece.

11. Mancini GJ, Petroski GF, Lin WC, Ramshaw BJ, **Ramaswamy A**, Eubanks WS, Thaler K. “Cost and outcome analysis of open versus laparoscopic appendectomy in 39,990 patients.” ACS/Missouri Chapter, June 9-11, 2006; St. Louis, MO.

12. **Ramaswamy A**, Ramshaw, B. “Laparoscopic Management of a Complicated Seroma Following Laparoscopic Ventral Hernia Repair.” Society of Laparoscopic Surgeons; September 2003; Las Vegas, NV.

13. **Ramaswamy A,** Gonzalez R, Smith CD. “Extensive Preoperative Testing is not Necessary in Morbidly Obese Patients.” SSAT; May 2003; Orlando, FL.

14. **Ramaswamy A,** Lin E, Ramshaw BJ, Smith CD. “The Early Effects of H. Pylori Infection in Patients Undergoing Bariatric Surgery.” SAGES; March 2003; Los Angeles, CA.

15. **Ramaswamy A,** Brown RA, Rosenberg L.”Outcome of Acute Pancreatitis: 41 Years of Management at a University Hospital.” SSAT; May 2000; San Diego, CA.

16. **Ramaswamy A**, Beaulieu C, Nault P. “Carotid Endarterectomy at a Community Hospital.” Entretiens Vasculaires; May 2000; Hull, Québec, Canada.

17. **Ramaswamy A**, Beaulieu C, Nault P. “Outcomes of Ruptured Abdominal Aortic Aneurysms in Octogenarians.” Entretiens Vasculaires; May 2000; Hull, Québec, Canada.

**Posters**

1. Wafi A, Boster J, **Ramaswamy A. “**Postoperative Management of Patients with Refractory Ascites Following Hernia Repair: Does a Temporary Peritoneal Dialysis Catheter Placement Improve Outcomes?” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; April 2019; Baltimore, MD.
2. Muysoms P, Ballecer C, **Ramaswamy A**. “Evaluation of the operative time for robotic assisted laparoscopic groin hernia repair during the learning curve of 125 cases.” 2018 World Congress of Endoscopic Surgery- hosted by SAGES and CAGS; April 2018; Seattle, WA.
3. Boster J, **Ramaswamy A**. “What is the Optimal Post-Operative Management for Patients with Refractory Ascites who have undergone Umbilical/Inguinal Hernia Repair at The Minneapolis VA Healthcare System.” The Metro Minnesota Council on Graduate Medical Education 2016 Quality Forum; June 2016.
4. Wagner W, **Ramaswamy A**, Chipman, J. “Undergraduate Students Can Achieve Proficiency in the Fundamentals of Laparoscopic Surgery Manual Skills Exam.” Best Practices in Medical Education Day; May 5, 2016; Minneapolis, MN.

1. Galiñanes EL, Shirshenkan JR, Doty J, Wakefield MR, **Ramaswamy A.** “Impact of Standardized Laparoscopic Training on Medical Students.” The Association of Surgical Education Annual Meeting; March 2012; San Diego, CA.
2. Galinanes E, **Ramaswamy A**. “Hernia Appendicitis through a Pfannenstiel Incision.” Southeastern Surgical Congress scientific program; February 2011; Chattanooga, TN.
3. Singh R, **Ramaswamy A.** “Endoscopically Placed Trans-Anastomotic Stents For Strictures: Not A Panacea Poster Presentation.” SAGES Annual Meeting; April 2, 2011; San Antonio, TX.
4. Philipp SR, **Ramaswamy A**. “Laparoscopic repair of loss of domain incisional hernia combining endoscopic myofascial advancement flaps, medialization of the rectus sheath, and mesh reinforcement: A case series.” SAGES annual meeting; April 2010; Washington D.C.
5. Philipp SR, **Ramaswamy A.** “Laparoscopic abdominal wall plication with mesh reinforcement for diastatsis: A case report.” Abdominal Wall Reconstruction Conference; June 2009; Washington, DC.
6. Iqbal A, **Ramaswamy A**, Ramshaw B. “Technique and Outcomes for Patients Requiring Laparoscopic Surgery after Large Ventral Hernia Repairs.” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; April 2009; Phoenix, AZ.
7. Iqbal A, Miedema B, Eubanks S, **Ramaswamy A**, Fearing N, Ramshaw B, Caleb S, Thaler K. “Long-term outcome after endoscopic stent therapy for complications after bariatric surgery.” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting; April 2009; Phoenix, AZ.
8. Wheeler AA, Morales M, Fearing N, Scott JS, de la Torre R, **Ramaswamy A**. “Laparoscopic sleeve gastrectomy in the super morbidly obese is effective treatment for diabetes mellitus and obstructive sleep apnea.” ASMBS annual meeting; June 2008; Washington DC.
9. Buchman, DE, Quick JA, Ramshaw BJ, **Ramaswamy A.** “Preparing Loss of Domain Hernia Patients for Laparoscopic Repair Utilizing a Chronic Progressive Pneumoperitoneum.” American Academy of Nurse Practitioners 23rd National Conference at Gaylord National on the Potomac; June 26 - July 1, 2008; National Harbor, MD.
10. Wooldridge JB, Jolley JM, Scott JS, **Ramaswamy A.** “Treatment of gastrogastric fistula after laparoscopic Roux-en-Y gastric bypass with endoscopic stenting: A novel approach.” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 2008 Annual Meeting; April 2008; Philadelphia, PA.
11. Edwards CA**, Ramaswamy A**, Geiger T, Bartow K, Jeannsonne L, Ramshaw BJ, “Laparoscopic transperitoneal repair of incisional flank hernias: a retrospective review of 27 patients.” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 2007 Annual Meeting; April 2007; Las Vegas, NV.
12. Edwards CA, Scott S, De La Torre R, **Ramaswamy A**, Fearing N, Ramshaw B; Thaler K. “Treatment of Gastrojejunal Anastomotic Leak after Roux-En-Y Gastric Bypass With Self Expanding Polyester Stents: A Retrospective Review.” American Society For Bariatric Surgery; June 13-15, 2007; San Diego, CA.
13. Tsereteli Z, Ramshaw B, **Ramaswamy A**. “Chronic Posterior Seroma With Neoperitoneum Following Laparoscopic Ventral Hernia Repair: Treatment Algorithm.” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 2007 Annual Meeting; April 2007; Las Vegas, NV.
14. **Ramaswamy A**, Lin E, Smith CD, Ramshaw BJ. “Short-term Outcomes of Laparoscopic Giant Ventral Hernia Repair.” International Hernia Congress; June 2003.
15. **Ramaswamy A**, Smith CD, Wilson R, Mason E, Ramshaw BJ. “Laparoscopic Transabdominal Preperitoneal Mesh Hernioplasty without Reperitonealization.” SAGES; March 2003; Los Angeles, CA.

**TEACHING AND CURRICULUM DEVELOPMENT**

**University of Minnesota/Minneapolis VA Medical Center**

 **Curriculum Development**

* Have developed robotic curriculum for general surgery residency- 2021
* Have developed the curriculum for the surgical elective within “Becoming a Doctor”- MS4- 2019
* Have changed the curriculum for Surg 7500- General Surgery Clerkship -2018-2020
* Have developed the surgical curriculum for the longitudinal integrated clerkship at Minneapolis VA Medical Center which started in September 2015

**University of Missouri**

 **Courses**

Resident Laparoscopic Simulation Lab 2007-2011

**Curriculum Development**

* Developed 3 teaching sessions including a laparoscopic training session in the simulation center which I administered for each new session of clerkship students (every 2 months)
* Assessment of the utility of the laparoscopic student training session- has been presented at an educational meeting and manuscript published
* Resident simulation and animate labs in foregut, hernia and bariatrics

**ADVISING AND MENTORING**

**VA Longitudinal Integrated Clerkship (VALUE) Surgery Preceptor**

Rachel Anderson 2019-2020

Matthew Eidenschink 2018-2019

Sacha Broccard 2016-2017

Samuel Falde 2016-2017

Joshua Boster 2015-2016

Timothy Kummer 2015-2016

**Medical Student Advice, Support, and Career Counseling (ASC) Program**

Elizabeth Frisse 2010-2001

Autumn Han 2009-2010

David Phillip 2008-2009

**Faculty Mentor for M4**

Grant Scott 2011-2012

**PROFESSIONAL SERVICE AND PUBLIC OUTREACH**

**Service to the Discipline/Profession/Interdisciplinary Area**

 **Board of Directors**

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 2017-Current

 America’s Hernia Society 2019-Current

 **Editorial Board**

American Journal of Surgery 2020-Current

International Journal of Abdominal Wall and Hernia Surgery 2018-Current

 Journal of Laparoendoscopic & Advanced Surgical Techniques 2011-Current

**Animate/Inanimate Lab Mentor**

AHS Hernia Compact

 August 20-21, 2021; Minneapolis, MN

 AHS Hernia Compact

 June 11-13, 2021; Minneapolis, MN

SAGES Robotics Fellows course

 April 27-28, 2021; Atlanta, Georgia

Hands on Course ADOPT- at home: hernia- no plastic, no cry

 October 23rd, 2020; Online

Hernia Compact- TEP Inguinal Hernia and Laparoscopic Ventral Hernia Repair

 November 10, 2019; Minneapolis, MN

Hands on Course ADOPT: Paraesophageal Hernia Repair

 Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting

 April 3, 2019; Baltimore, MD

 2nd AHS Hands-on Course, “Advanced Surgical Skills Hands on Lab”

Americas Hernia Society Annual Meeting

March 10, 2019; Las Vegas, NV

AHS/Intuitive accelerated Hernia Luminary Course

Sept 27-28, 2018; Atlanta, GA

 **Moderator/Panelist**

Meet the expert luncheon: hernia surgery. 30th annual European Association of Endoscopic Surgeons congress, July 6th, 2022; Kraków, Poland

Adjuncts for complex abdominal wall repair: pre- and intraoperative optimization. RAWS 2022. Robotic Abdominal Wall Surgery November June 24th, 2022; Ghent, Belgium.

Moderator- Robotic Groin Hernia Repair. RAWS 2021. Robotic Abdominal Wall Surgery November 12th, 2021; Ghent, Belgium.

Panelist- “Hernias: When to Say No", “What would the experts do?” Americas Hernia Society Annual Meeting, September 23rd-24th, 2022; Austin, Texas.

Resident Debates: Robotic versus Laparoscopic versus Open Inguinal Hernia Repair August 17th, 2021. University of Minnesota General Surgery Grand Rounds

VE204 – Subject-Oriented Symposium II – Challenging Hernias. ACS Video-Based Education Webinar Series.  January 19th, 2021; rescheduled from American College of Surgeons Annual Conference; online due to COVID 19

Will 2020 be the decade of diversification of robotic surgical platforms? RAWS 2020. Robotic Abdominal Wall Surgery November 5th, 2020; Ghent, Belgium- virtual conference due to COVID-19

Treatment of Reflux Disease. 1st Annual European Robotic Upper Gastrointestinal Surgery Symposium; October 14th, 2019; Ghent, Belgium

Free paper session oral: What’s new in hernia surgery? 27th International congress of the European Association for Endoscopic Surgery; June 12, 2019; Sevilla, Spain

Techniques and Complications in Hernia. Hernia Summit 2019 Nanjing; May 31, 2019; Nanjing, China

Parastomal hernia repair. 2nd Annual European Robotic Abdominal Wall Surgery Symposium; May 15th, 2019; Ghent, Belgium.

Round table: starting robotic hernia surgery in Europe. 2nd Annual European Robotic Abdominal Wall Surgery Symposium; May 14th, 2019; Ghent, Belgium.

 How would you approach this? Complex and Challenging Hernia Case Presentations

 Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting

 April 4, 2019; Baltimore, MD

Should We Be Gambling with Our Hernia Patients? Innovation with Risks Sharing is a Better Bet- AHS Special Session Kelley School of Business.

Americas Hernia Society Annual Meeting

March 11, 2019; Las Vegas, NV

 Parastomal Hernia Repair

 International Symposium on Abdominal Wall Robotic Surgery

 May 24, 2018; Ghent, Belgium

 Masters Hernia: Recurrent Hernias – Making the Best of a Bad Situation

 2018 World Congress of Endoscopic Surgery- Hosted by SAGES and CAGS

 April 14, 2018; Seattle, WA

 Patient Optimization and Patient-Driven Outcomes

 2018 International Hernia Congress

 March 14, 2018; Miami, FL

 General Surgery III- Foregut

 American College of Surgeons Clinical Congress

 October 25, 2017; San Diego, CA

 Intraoperative Complications of Laparoscopic Ventral Hernia: Getting Out of Trouble

 American College of Surgeons Clinical Congress

 October 24, 2017; San Diego, CA

 Masters Series: AHS joint Hernia Session: It’s not just a Hernia

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 March 25, 2017; Houston, TX

 Subject-oriented Symposium III: Management of Complications in Gastrointestinal Surgery

 American College of Surgeons Clinical Congress

 October 19, 2016; Washington, DC

 General Surgery III: Hernia

 American College of Surgeons Clinical Congress

 October 19, 2016; Washington DC

 Scientific Session: atypical hernias/potpourri

 17th Annual Hernia Repair

 March 30- April 2, 2016; Washington DC

 International Hernia Symposium

 The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting

 March 16, 2016; Boston, MA

 Bariatric Surgery

 American College of Surgeons Clinical Congress

 October 8, 2015; Chicago, IL

 Movie Classics From the Past

 American College of Surgeons Clinical Congress

 October 6, 2015; Chicago, IL

 Top 21 Videos- Expecting the unexpected

 The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting

 April 16, 2015; Nashville, TN

 Obesity Week

 Live Surgeries Telecast

 November 6, 2014; Boston, MA

 American College of Surgeons Clinical Congress

 Video Based Education- Subject-oriented Symposium III: Complications in General Surgery

 October 29, 2014; San Francisco, CA

 American College of Surgeons Clinical Congress

 Bariatric Surgery- Video session

 October 30, 2014; San Francisco, CA

 Control of Hemorrhage

 SAGES Flexible Endoscopy Course for Surgeons

 September 19-20, 2014

 Case Studies in the Management of Inguinal Hernias

 SAGES Advanced Laparoscopic Hernia Surgery Resident Course

 May 9-10, 2013; Cincinnati, OH

 Open Papers- Complex Hernia II

 America’s Hernia Society- 15th Annual Hernia Repair

 March 13-16, 2013; Orlando, FL

 General Surgery II Video Session

 American College of Surgeons Clinical Congress

 October 2, 2012

 Resident/Fellow Scientific Session

 The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

 March 8, 2012; San Diego, CA

 Robotics Video Session

 The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

 March 10, 2012; San Diego, CA

 Resident/Fellow Scientific Session

 The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

 April 2, 2011; San Antonio, TX

Grant Review for Musculoskeletal Transplant Foundation 2010-2012

 **Committee Membership**

 Abdominal Core Health Task Force

 Americas Hernia Society 2019-2021

 Program Committee

 Americas Hernia Society 2018-2020

 Communications Committee Chair 2017-2021

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Hernia Task Force 2015-Current

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Committee on Video-based Education 2013-2019

 American College of Surgeons

 Program Committee 2011-Current

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Committee on Video-based Education Executive Committee 2015-2018

 American College of Surgeons

 Open to MIS Task Force Co-Chair 2014-2016

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Committee on Informatics 2012-2017

 American College of Surgeons

 Communications Committee Co-Chair 2011-2014, 2016-2017

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Flexible Endoscopy 2009-2016

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Web Task Force 2009-2011

 The Society of American Gastrointestinal and Endoscopic Surgeons

 Public Information Committee 2007-2009

 The Society of American Gastrointestinal and Endoscopic Surgeons

 International Liaison Group 2007-2009

 The Society of American Gastrointestinal and Endoscopic Surgeons

 **Organization for Conferences, Workshops**

5th Annual European Robotic Abdominal Wall Surgery Symposium

Conference co-director; June 23-25, 2022; Ghent, Belgium.

4th Annual European Robotic Abdominal Wall Surgery Symposium

Conference co-director; Nov 11-13, 2021; Ghent, Belgium.

 Scientific Program: Put the Program Together

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Member of Committee; 2020-2021; Las Vegas, NV

3rd Annual European Robotic Abdominal Wall Surgery Symposium

Conference co-director; Nov 5-7, 2020; Ghent, Belgium. Virtual due to COVID -19

Controversies in Complex Ventral Hernia Prevention and Repair.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting

Chair; August 11th, 2020; virtual due to COVID 19

1st Annual European Robotic Upper Gastrointestinal Surgery Symposium

Conference co-director; October 14th, 2019; Ghent, Belgium.

2nd Annual European Robotic Abdominal Wall Surgery Symposium

Conference co-director; May 13-15th, 2019; Ghent, Belgium.

Should We Be Gambling with Our Hernia Patients? Innovation with Risks Sharing is a Better Bet- AHS Special Session Kelley School of Business.

Americas Hernia Society Annual Meeting

Chair; March 11, 2019; Las Vegas, NV

 How would you approach this? Complex and Challenging Hernia Case Presentations

 Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting

 Chair; April 4, 2019; Baltimore, MD

 Masters Hernia: Recurrent Hernias- Making the Best of a Bad Situation

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Chair; April 11, 2018; Seattle, WA

 General Surgery lll- Foregut

 American College of Surgeons Clinical Congress

 Coordinator; October 25, 2017; San Diego, CA

 Masters Series: AHS Joint Hernia Session: It’s not just a Hernia

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Chair; March 25, 2017; Houston, TX

 Subject-orientated Symposium III: Management of Complications in GI Surgery

 American College of Surgeons Clinical Congress

 Coordinator; October 19, 2016; Washington, DC

 International Hernia Session

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Chair; March 16, 2016; Boston, MA

 Bariatric Surgery

 American College of Surgeons Clinical Congress

 Co-Coordinator; October 8, 2015; Chicago, IL

 Movie Classics from the Past

 American College of Surgeons Clinical Congress

 Coordinator; October 6, 2015; Chicago, IL

 Top 21 Videos- Expecting the Unexpected

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Co-Chair; April 16, 2015; Nashville, TN

 Video Based Education- Subject- orientated Symposium III: Complications in General Surgery

 American College of Surgeons Clinical Congress

 Co-Coordinator; October 29, 2014; San Francisco, CA

 Postgraduate Course Surgical Techniques for Ventral Hernias

Postgraduate Course: Ventral Hernia Hands on Course: Strategies for the Complex Abdominal Wall; Laparoscopic and Open

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Co-Chair; April 17-20, 2013; Baltimore, MD

 Scientific Program: Put the Program Together

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Member of Committee; 2011-2012; San Diego, CA

 Video Session

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Chair; March 9, 2012; San Diego, CA

 Video Sessions

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Co-Chair; April 1, 2011; San Antonio, TX

 Covidien/Advanced Laparoscopic Hernia Surgery

 The Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting

 Chairwoman; September 10, 2009; Norwalk, CT

**Service to the University/Medical School/ Department**

 **Service to the University of Minnesota/Minneapolis VA Medical Center**

Institution service

* Master Clinician Track Promotion Committee, co-chair 2020-Current
* Credentialing Committee, Member 2013-Current
* Bylaws Committee, Member 2017-2018
* Transfusion Committee, Co-Chair 2015-2018

Department/Unit Service

* General Surgery Associate Program Director 2018-Current
* Surgery Clerkship Director 2017-Current
* Clerkship Director VA Longitudinal Undergraduate Education 2015-Current
* Surgical Education Committee, Member 2013-Current
* Clinical Competency Committee, Member 2013-Current
* Site Director General Surgery Residency 2013-Current

 **Service to the University of Missouri**

Medical School Service

* Observation Unit Steering Committee 2012
* Faculty Affairs Council 2011- 2012
* School of Medicine Research Council 2011- 2012
* Lean Project 1st Start and Turnover Case Committee 2010-2012
* Surgical Case Committee 2008- 2012

Department/Unit Service

* MIS/Bariatrics Fellowship Director 2009-2012
* Director of Research 2006-2008

**Community Outreach Activities**

 **Presentations**

What is Minimally Invasive Surgery?

Northeast Rotary Club

September 27, 2011; Columbia, MO

What is Minimally Invasive Surgery?

Downtown Rotary Club

June 16, 2011; Columbia, MO

 **High School Students Surgical Simulation**

Appendicitis, July 2014

 **Bariatric Seminars**

2008-2012; Columbia, MO