

**Harvard Medical School
Curriculum Vitae**

Date Prepared: 08/31/2018
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Place of Birth: Goiânia, GO – Brazil

Education

1992	Bachelor of Science	Biological Sciences	Sao Paulo Archdiocesan High School
1994		Pre-Medical School Preparatory Course	Anglo, Sao Paulo
1999	Doctor of Medicine	Medicine	Sao Paulo State University School of Medicine

Postdoctoral Training

02/00-01/02	Resident	General Surgery	Santa Casa de São Paulo Medical School
06/03-07/09	Resident	General Surgery	Michigan State University
10/05-09/06	Post Doctoral Fellow	Minimally Invasive Surgery Research Fellowship	The Johns Hopkins University
06/09-10/10	Minimally Invasive Surgery Fellow	Minimally Invasive Surgery Clinical Fellowship	University of California San Diego

Faculty Academic Appointments

01/99-12/99	Clinical instructor	Thoracic Surgery	Sao Paulo State University School of Medicine
07/03-06/09	Clinical instructor	Surgery	Michigan State University
10/05-09/06	Post. Doc. Fellow	Surgery	The Johns Hopkins University
06/09-10/10	Senior Clinical Fellow	Surgery	University of California San Diego
07/15 –	Assistant Professor	Surgery	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions

02/02-10/02	Chief of Staff	Emergency Department	Santa Cecilia Hospital
11/02-05/03	Visiting Scholar	Surgery	Michigan State University
07/09-10/10	Clinical Assistant	Surgery	University of California San Diego
10/14 –	Assistant Surgeon	Surgery	Massachusetts General Hospital

Other Professional Positions

2001-2003	Vice President and Co-founder	PlantãoMedico.NET
2013 –	MGH Fundamentals of Endoscopic Surgery course director	Massachusetts General Hospital

Major Administrative Leadership Positions

Local

1999	Founder and President of the UNESP Emergency Medicine League	Sao Paulo State University School of Medicine, Botucatu – SP, Brazil
2018	Founder and Director of the MGH Surgical Artificial and Innovation Laboratory	Massachusetts General Hospital

Regional

National and International

2000 - 2002	Marketing Director	PlantãoMedico.NET
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Committee Service

Local

2011 –	MGH Surgical Simulation Advisory Committee	Massachusetts General Hospital Committee Member
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Regional

National and International

2008 – 2016	Technology Committee	Society of American Gastrointestinal and Endoscopic Surgeons Committee Member
2010 –	Global Affairs Committee	Society of American Gastrointestinal and Endoscopic Surgeons Committee Member
2011 – 2017	FES Committee	Society of American Gastrointestinal and Endoscopic Surgeons Committee Member

2011 –	SSAT Meeting Program Video Sub-Committee	Society for Surgery of the Alimentary Tract Program Committee Member
2011 –	Communications Committee	Society for Surgery of the Alimentary Tract Program Committee Member
2014 – 2017	SAGES Telementoring Taskforce	Society of American Gastrointestinal and Endoscopic Surgeons Committee Member
2014 –	SAGES/ASGE Endoscopic Full Thickness Resection working group	SAGES and ASGE Member
2017 –	SAGES Educational Resources Committee	Society of American Gastrointestinal and Endoscopic Surgeons Committee Member
2016 – 2017	2017 NOSCART Summit	Natural Orifice Surgery Consortium for Assessment and Research Program Chair
2017 –	NOSCART SAGES-ASGE Joint Committee	Natural Orifice Surgery Consortium for Assessment and Research Member
2017 –	ASMBS Clinical Issues Committee	American Society for Metabolic & Bariatric Surgery Member
2018 –	SAGES Artificial Intelligence Task Force	American Society for Metabolic & Bariatric Surgery Committee Chair

Professional Societies

1994 – 2003	Paulista Medical Association, São Paulo, SP, Brazil	Member
2004 –	American College of Surgeons	Member
2005 –	Society of American Gastrointestinal and Endoscopic Surgeons	Member
2008 –	Society for Surgery of the Alimentary Tract	Member
2008 –	American Society for Gastrointestinal Endoscopy	Member
2013 –	American Society for Metabolic and Bariatric Surgery	Member
2013 –	Massachusetts Chapter of the American College of Surgeons	Member

Grant Review Activities

2013	A*STAR Biomedical Engineering Program (BEP) grant 04/2013	Center for Integration of Medicine and Innovative Technology (CIMIT) Grant reviewer
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Editorial Activities

Ad hoc Reviewer

Journal of Gastrointestinal Surgery
Annals of Surgery
Surgical Endoscopy

Other Editorial Roles

2012 - Reviewer for Best of JOGS Journal of Gastrointestinal Surgery

Honors and Prizes

2007	1st Place in Basic Sciences	Michigan State University Department of Surgery	22nd Annual Research Day Forum
2011	Best of DDW 2011	Digestive Disease Week (DDW)	“Transesophageal Endoscopic Myotomy (Teem) for the Treatment of Achalasia - the United States Human Experience”

Report of Funded and Unfunded Projects

Funding Information

Past

2005 - 2006	Improvements in Transgastric Surgery Ethicon Endo Surgery Grant/ Co-PI (\$90,000.00) Development of reliable method to performing gastrectomy closure after Trans-Gastric surgery
2005 – 2006	Surgical Instruments – Nothing Left Behind Project Johns Hopkins Applied Physics Laboratory Partnership Fund/ Co-PI (\$120,000.00) Development of RFID surgical sponges to enhance detection of potential foreign bodies left behind inadvertently in body cavities.
2006 – 2007	LSFP with segmental pneumoperitoneum for pancreatic biopsy Fujinon USA Inc Grant/ Co-PI (\$34,500.00) Feasibility and efficacy assessment of Lesser Sac Flexible Peritoneoscopy for pancreatic biopsy.
2008 – 2010	Immune & Baseline Alterations on the Physiologic Response to Natural Orifice Transluminal Endoscopic Surgery (NOTES®): A comparison between human transvaginal and laparoscopic cholecystectomy NOTES/NOSCAR® Grants Awarded Olympus Supports Groundbreaking Research / Co-PI (\$32,500.00) Comparison of immunological response after an NOTES cholecystectomy and laparoscopic cholecystectomy

Current

- 2017 – 2019 Automated Intraoperative POEM Analysis: A Machine Learning Approach.
NOSCAR® Research Award
PI (\$34,000.00)
- 2018 – 2020 Artificial Intelligence for Risk Prediction from Intraoperative Events
CRICO Research Grant Award
PI (\$199,942.00)

Current Unfunded Projects

- 2013 Roux-en-y gastric bypass is associated with increased exposure to ionizing radiation.
- 2014 Development of a novel Modular and Endolumenal Surgical Stapler.
- 2015 Surgical Decision Theoretic Model: A Novel Model for Real-Time Clinical Decision Support in Surgery.
- 2018 ARMSTRONG Trial - Multicenter Clinical Trial using Endoscopic Mucosal Resection at the Gastroesophageal Junction to treat GERD.

Report of Local Teaching and Training

Teaching of Students in Courses

2011	Bariatric Lecture for 3rd year medical students	Two hour session / twice a year
2012	Bariatric Lecture for 3rd year medical students	Two hour session

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2013-2015	Para-esophageal Hernias and Achalasia Surgical residents	MGH One hour per month
2013	Basic endoscopy Surgical residents	MGH Two hours
2013	Advanced endoscopy Surgical residents	MGH Two hours
2011	Flexible Endoscopy Surgery Course For MIS Fellows Minimally invasive surgery Fellows	The Methodist Institute for Technology, Innovation & Education, Houston, TX 12 hours
2010	Minimally invasive surgery (MIS) fellows Minimally invasive surgery Fellow	MGH 30 hours
2016 –	MIS / Foregut teaching sessions for surgical	One hour / twice a month

residents, medical students and fellows

Clinical Supervisory and Training Responsibilities

2010 –	Patient care in the operating room and infirmary.	16 hours per week
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Laboratory and Other Research Supervisory and Training Responsibilities

2010 -	Research mentorship, including abstract and manuscript writing, scientific meeting presentation preparation.	Weekly mentorship
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Formally Supervised Trainees

2010 - 2011	Nicole Kissane-Lee, M.D. / Assistant Professor, Boston University School of Medicine Training in bariatric and advanced foregut minimally invasive surgery
2011 - 2012	Dana A. Telem, M.D. / Assistant Professor of Surgery, University of Michigan Training in bariatric and advanced foregut minimally invasive surgery
2012 - 2013	Peter Nau, MD, MS. / Clinical Assistant Professor, University of Iowa Training in bariatric and advanced foregut minimally invasive surgery
2013 - 2014	Eric G. Sheu, MD / Instructor in Surgery, Brigham and Women's Hospital Training in bariatric and advanced foregut minimally invasive surgery
2013	Smita Sihag MD / Thoracic Surgery Fellow, Memorial Sloan Kettering Hospital Podium presentation at DDW 2014
2013	Hugh Auchincloss MD / Thoracic Surgeon Fellow, Massachusetts General Hospital Podium presentation at DDW 2014
2014 - 2018	Daniel Hashimoto MD / Surgical resident Podium presentation at SAGES 2014 and 2017 Podium presentation at ACS 2017 Podium presentation at the World of Medical Innovation Forum 2018
2014	Giovanni Marchegiani MD Podium presentation at ACS 2014
2014	Robin Vasani, MBBS Podium presentation at ACS 2014
2014 - 2015	Yulia Zak, MD / Assistant Professor, The Mount Sinai Hospital Podium Presentation at SAGES 2015
2015 - 2016	Elan R. Witkowski, M.D. / Instructor in Surgery, Massachusetts General Hospital
2016 - 2017	Julia Park, M.D. / Assistant Professor, NYU
2017 - 2018	Julietta Chang, M.D. / Current MIS Fellow

Formal Teaching of Peers (e.g., CME and other continuing education courses)

2011	UCSD NOTES Course / Hands on course faculty UCSD Department of Surgery	1 San Diego, CA
2012	Post Graduate course on POEM / Hands on course faculty SAGES Annual Meeting	1 San Diego, CA
2013	Post Graduate course on POEM / Hands on course faculty SAGES Annual Meeting	1 Baltimore, MD
2015	Post Graduate course / Hands on course faculty SAGES Annual Meeting	1 Nashville, TN

Local Invited Presentations

No presentations below were sponsored by outside entities

2011	Controversies in GI Motility And Functional GI Disease / Faculty Harvard GI Motility Course / Harvard Medical School, Boston, MA.	
2011	Sleeve Gastrectomy for the treatment of obesity - Current Status / Clinical Issues meetings MGH Weight Center, Boston, MA	
2012	From Laparoscopy to NOTES / Grand Rounds Lawrence Memorial Hospital, Medford, MA	
2012	Bariatric Surgery – Current Status / Grand Rounds MGH Bulfinch Medical Group Grand Rounds, Boston, MA	
2012	POEM, NOTES and endolumenal application in Bariatric Surgery / Grand Rounds MGH Ellison Grand Rounds, Boston, MA	
2013	POEM for the treatment of Achalasia / Grand Rounds MGH GI Grand Rounds, Boston, MA	
2015	Current State-of-the-art in Bariatric Surgery at the MGH / Grand Rounds MGH Surgical Grand Rounds, Boston, MA	
2015	POEM for the treatment of Achalasia / Grand Rounds Pentucket Medical GI Conference, Pentucket, MA	
2016	POEM and Beyond MGH Surgical Grand Rounds, Boston, MA	
2017	POEM for the treatment of Achalasia / Grand Rounds MGH GI Motility Grand Rounds, Boston, MA	

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

National

2011	Advanced flexible endoscopy Hands on Course / Faculty Sages Flexible Endoscopy Surgery Course For MIS Fellows, Houston, TX.
2012	Post graduate course in Bariatric Surgery / Faculty The SGNA 39th Annual Course, Phoenix, AZ
2012	Post Graduate course on POEM / Faculty SAGES Annual Meeting, San Diego, CA
2013	Post Graduate course on POEM / Faculty SAGES Annual Meeting, Baltimore, MD
2014	Evaluation of the Patient with Morbid Obesity and Foregut Disease Obesity Week Meeting, Boston, MA
2015	Augmented reality telementoring tool to assess and guide chief to intern intraoperative education: The Google Glass Experience SAGES Annual Meeting, Nashville, TN
2016	Current State of Robotic Surgery in the US SAGES Annual Meeting, Boston, MA
2016	From NOTES to POEM and Beyond NOSCAR Annual Summit, Downers Grove, IL
2017	Management of GERD and Achalasia in the Bariatric patient Florida Hospital Grand Rounds, Orlando, FL
2017	Laparoscopic Nissen Fundoplication Video Face-off panel SAGES Annual Meeting, Houston, TX
2017	Endoscopic Treatment of Obesity Emerging Technologies SSAT Kelly and Carlos Pelligrini and SAGES Luncheon Symposium, Chicago, IL
2017	Small Bowel Interventions for Weight Loss 12th International NOSCAR® Summit Advances in NOTES® and Endoluminal Surgery, Chicago, IL
2018	Telementoring In Bariatric Surgery: Lessons Learned SAGES Annual Meeting, Seattle, WA
2018	Improving safety and outcomes: use of computer learning 13th International NOSCAR® Summit Advances in NOTES® and Endoluminal Surgery, Chicago, IL
2018	New devices in tissue manipulation: Pushing the future of full thickness tissue resection 13th International NOSCAR® Summit Advances in NOTES® and Endoluminal Surgery, Chicago, IL

International

Report of Clinical Activities and Innovations

Current Licensure and Certification

2010 - Massachusetts Medical License

Practice Activities

2010 -	Bariatric surgery clinic	MGH Weight Center	10 hours per week
2010 -	General and GI surgery clinic	MGH main campus	3 hours per week
2010 -	Surgery at the operating room	MGH main campus	17 hours per week

Clinical Innovations

Implementation of a novel endoluminal technique for the treatment of achalasia at Massachusetts General Hospital. These techniques avoid or minimize the number of incisions in the abdomen, thus decreasing postoperative pain and surgical one related complications.

Implementation of Surgical Telementoring at the Massachusetts General Hospital.

Inception of the MGH Surgical Artificial Intelligence and Innovation Laboratory (SAiiL); which is one of a kind, and a pioneer in the use of Machine learning and Computer Vision for real time intraoperative video analysis.

Through ongoing collaboration between the MGH SAiiL and MIT CSAIL (Computer Science and Artificial Intelligence Laboratory), we have been generating substantial and impactful research in the field of Artificial Intelligence in Surgery, resulting in peer reviewed publications, patent application, national and international invited talks, and several grants. Furthermore, SAiiL is financially self-sustainable, and provides salary support to two fellows per year.

Report of Technological and Other Scientific Innovations

2005	Transabdominal Lesser Sac Flexible Peritoneoscopy (LSFP) - Method and kit for biopsy of pancreatic masses. (United States Provisional Patent 20070123799), Publication - 05/31/2007
2017	Surgical Decision-Theoretic Analysis. (United States Provisional Patent application 62549272), Publication – 08/23/2017

Report of Education of Patients and Service to the Community

Activities

2009 - MGH Weight Center / Speaker
Weight-loss surgery for the treatment of obesity seminar

Report of Scholarship

Publications

Peer reviewed publications in print or other media

Research investigations

1. Viterbo, F.; Meireles, O.: Study of the Changes Provoked by Desnervation in the Tibial-Cranial Muscle of Rats. *Revista Brasileira de Cirurgia*, Vol. 93, December 2003, pages 43-48.
2. Meireles O, Kantsevov SV, Kalloo AN, Jagannath SB, Giday SA, Magno P, Shih SP, Hanly EJ, Ko CW, Beitler DM, Marohn MR. Comparison of intra-abdominal pressures using the gastroscope and laparoscope for transgastric surgery. *Surg Endosc*. 2007 Jun;21(6):998-1001. Epub 2007 Apr 3. PMID: 17404796
3. Shih SP, Kantsevov SV, Kalloo AN, Magno P, Giday SA, Ko CW, Isakovich NV, Meireles OR, Hanly EJ, Marohn MR. Hybrid minimally invasive surgery – a bridge between laparoscopic and transluminal surgery. *Surg Endosc*. 2007 Aug;21(8):1450-3. Epub 2007 Jun 26. PMID: 17593460
4. Meireles OR, Kantsevov SV, Assumpcao LR, Magno P, Dray X, Giday S, Kalloo AN, Hanly EJ, Marohn MR.. Reliable gastric closure after natural orifice transluminal endoscopic surgery (NOTES) using a novel automated flexible stapling device. *Surg Endosc*. 2008 Jul;22(7):1609-13. DOI: 10.1007/s00464-008-9750-1. Epub 2008 Apr 10. PMID: 18401658
5. Horgan S, Meireles OR, Jacobsen G, Sandler B, Katagiri T , Ramamoorthy S, Sedrak M, Thompson K, Savides T, Ferreres A, Majid S, Nijhawan S, Talamini MA. “Broad Clinical Utilization of Notes. Is It Safe? *Surg Endosc*. 2013 Jun;27(6):1872-80. DOI: 10.1007/s00464-012-2736-z. Epub 2013 Mar 12. PMID: 23479251
6. Meireles OR, Horgan S, Jacobsen GR, Katagiri T, Mathew A, Sedrak M, Sandler BJ, Dotai T, Savides TJ, Majid SF, Nijhawan S, Talamini MA. “Transesophageal Endoscopic Myotomy (Teem) for the Treatment of Achalasia - the United States Human Experience”. *Surg Endosc*. 2013 May;27(5):1803-9. DOI: 10.1007/s00464-012-2666-9. Epub 2013 Mar 23. PMID: 23525881
7. Nau Peter, Molina George, Shima Aran, Hani Abujudeh, Meireles Ozanan. “Roux-en-y gastric bypass is associated with an increased exposure to ionizing radiation.” *Surgery for Obesity and Related Diseases* 2014 Sep 13. Publication stage: In Press Accepted Manuscript. Published online: September 13, 2014. DOI: 10.1016/j.soard.2014.07.022
8. Hashimoto DA1, Phitayakorn R, Fernandez-Del Castillo C, Meireles O. “A blinded assessment of video quality in wearable technology for telementoring in open surgery: the Google Glass experience.” *Surg Endosc*. 2015 Apr 1. PMID: 25829065
9. M. Volkov, D. A. Hashimoto, G. Rosman, O. Meireles, D. Rus, Machine Learning and Coresets for “Automated Real-Time Video Segmentation of Laparoscopic and Robot-Assisted Surgery”, ICRA 2017.

10. Ninh T. Nguyen, Allan Okrainec, Mehran Anvari, Brian R. Smith, Ozanan R Meireles, Denise Gee, Erin Moran-Atkin, Evelyn Baram-Clothier, Diego R. Camacho. "Sleeve Gastrectomy Telementoring: A Sages Multi-institutional Quality Improvement Initiative." *Surgical Endoscopy*, July 17, 2017. doi: 10.1007/s00464-017-5721-8

11. Daniel A. Hashimoto, Guy Rosman,, Daniela Rus, Ozanan R. Meireles. "Artificial Intelligence in Surgery: Promises and Perils". *Annals of Surgery*, January 31, 2018 DOI: 10.1097/SLA.0000000000002693

Pending publications:

1. Sarmiento R, Dunkin B, Gostout CJ, Kantsevov S, Marks J, Meireles O, Reavis K, Stavropoulos S, Kochman, ML, Scott, D, Swanstrom LL. "Endoscopic Full Thickness Resection (EFTR) for en bloc effective management of foregut and colorectal neoplasia- NOSCAR® working group status report." Submitted to *Surgical Endoscopy* .

Other peer-reviewed publications

1. Nau P, Rattner DW, Meireles OR. "Linitis plastica presenting two years after elective Roux-en-Y gastric bypass for treatment of morbid obesity: a case report and review of the literature". *Surgery for Obesity and Related Diseases* 2013 Jun 19. PII: S1550-7289(13)00192-5; DOI: 10.1016/j.soard.2013.06.015

2. Stanford FC, Pratt JS, Meireles OR, Bredella MA. "Posterior reversible encephalopathy syndrome (PRES) after bariatric surgery-a potential consequence associated with rapid withdrawal of antihypertensive medications". *BMJ* Dec 23;2015. PII: bcr2015212290. DOI: 10.1136/bcr-2015-212290.

3. D Hashimoto, G Rosman, D Rus, OR Meireles, "Surgical Video in the Age of Big Data". *Annals of Surgery*, August 23, 2017. DOI: 10.1097/SLA.0000000000002493

Non-peer reviewed scientific or medical publications/materials in print or other media

1. Ozanan R Meireles, Santiago Horgan. *Surgical Robotics - System Applications and Visions*. Chapter in *Applications of Surgical Robotics in General Surgery*. Edited by Jacob Rosen, Blake Hannaford, Richard Satava. Springer 2010.

2. Ozanan R Meireles, Santiago Horgan. *An Evidence-based Approach to Minimally Invasive Surgery*. Chapter in *What's New in Lap Chole: SILS, NOTES*. Edited by Kenric M. Murayama, Bipan Chand, Dean Mikami, Alexander Nagle, Shanu Kothari. Cine-Med 2012.

3. Ozanan R. Meireles, Eric G. Sheu, Matthew Hutter – *Operative Techniques in Foregut Surgery*. Chapter in *Laparoscopic Sleeve Gastrectomy*. Edited by Michael W. Mulholland, Daniel Albo, Ronald Dalman, Mary Hawn, Steven Hughes, Michael Sabel. Lippincott Williams & Wilkins 2015.

4. Ozanan R Meireles, Santiago Horgan. Atlas Of Robotic Thoracic Surgery, Chapter in Robotic Trans-Hiatal Esophagectomy. Edited by Kemp Kernstine. Springer 2017.
5. Elan R Witkowski, Ozanan R Meireles. Per Oral Endoscopic Myotomy (POEM). Chapter in POEM for Chagas Disease-Induced Achalasia. Edited by Kevin M Reavis. Springer 2017.

Clinical Guidelines and Reports

SAGES TAVAC Safety and Effectiveness Analysis: LINX® Reflux Management System*
<http://www.sages.org/publications/guidelines/tavac-safety-and-effectiveness-analysis-linx-reflux-management-system/> (*member of the SAGES Technology and Value Assessment Committee responsible to prepare and revise this document.)

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. “Transesophageal Endoscopic Myotomy (Teem) for the Treatment of Achalasia - the United States Human Experience” Ozanan R. Meireles, Garth R. Jacobsen, Toshio Katagiri, Kari Thompson, Abraham Mathew, Noam Belkind, Michael Sedrak, Bryan J. Sandler, Takayuki Dotai, Thomas J. Savides, Saniea F. Majid, Sheetal Nijhawan, Mark A. Talamini, Santiago Horgan. Digestive Disease Week (DDW), Chicago, IL. May 7 – 10, 2011. (Best of DDW 2011)
2. “Training for Per-Oral Endoscopic Myotomy (POEM): Cadavers or Swine?” Telem DA, Meireles OR, Gee DW, Sylla P, Brugge WR, Rattner DW. Digestive Disease Week (DDW), San Diego, CA. May 18 – 22, 2012.
3. “Anatomic Landmarks As a Reliable and Reproducible Guide for the Laparoscopic Sleeve Gastrectomy”. Peter Nau, David B. Lautz, Ozanan R. Meireles. Digestive Disease Week (DDW), Orlando, FL. May 17 – 21, 2013.
4. “Transgastric Extraction Of Gastric Remnant Following Sleeve Gastrectomy”. Peter Nau, Ozanan R. Meireles. Obesity Week, Atlanta, GA. November 11-16 2013.
5. “Augmented Reality Telementoring tool to Assess and guide Chief to Intern intraoperative education: The Google Glass Experience” Daniel Hashimoto, Roy Phitayakorn, Carlos Fernández-del Castillo, Ozanan R. Meireles. SAGES 2014 Annual meeting. Salt Lake City, UT. April 2-5, 2014.
6. “Laparoscopic Duodenojejunostomy for Superior Mesenteric Artery Syndrome” Hugh Auchincloss, Peter Fagenholz, Ozanan R. Meireles. SSAT/DDW 2014, Chicago, IL, May 3-6, 2014.
7. “Stepwise Per-oral Endoscopic Myotomy procedure with demonstration of the critical view during the Myotomy.” Smita Sihag, David W. Rattner, Ozanan R. Meireles. SSAT/DDW 2014, Chicago, IL, May 3-6, 2014.
8. “Laparoscopic Median Arcuate Ligament Release.” Ozanan R. Meireles, Robin Vasan, William Brugge; Virendra I. Patel. ACS 2014, San Francisco, CA, October 26-30, 2014.

9. "Laparoscopic Transperitoneal Flank Approach for the Treatment of Masses of the Distal Pancreas - From Enucleation to Spleen Preserving Techniques." Giovanni Marchegiani; Carlos Fernandez-del Castillo; Ozanan R. Meireles, MD. ACS 2014, San Francisco, CA, October 26-30, 2014.
10. "Laparoscopic Toupet Fundoplication For Gerd After Poem." Yulia Zak, Ozanan R Meireles, David W Rattner. SAGES 2015 Annual meeting. Nashville, TN. April 15-18, 2015.
11. "Machine Learning And Corsets For Automated, Real time Video Segmentation Of Laparoscopic Surgery." Mikhail Volkov, Daniel A. Hashimoto MD, Guy Rosman, Ozanan R. Meireles, Daniela Rus. SAGES 2016 Annual meeting. Boston, MA. March 14-19, 2016.
12. "Laparoscopic Total Gastrectomy For Juvenile Polyposis." Yulia Zak, Ozanan R Meireles, David W Rattner. SAGES 2016 Annual meeting. Boston, MA. March 14-19, 2016.
13. "Safety In The Operating "Theater": Telementoring In Front Of A Live Audience." Daniel A Hashimoto, Denise W Gee, Roy Phitayakorn, Elan R Witkowski, Emil Petrusa, Ramakrishna P Parchuri, Ozanan R Meireles. SAGES 2017 Annual meeting. Houston, TX. March 22-25, 2017.
14. "Sleeve Gastrectomy Telementoring: A SAGES Multi-institutional Quality Improvement Initiative." Ninh T Nguyen, Allen Okrainec, Mehran Anvari, Ozanan Meireles, Denise Gee, Keith Scharf, Brian Smith, Erin Moran-Akin, Diego Camacho. SAGES 2017 Annual meeting. Houston, TX. March 22-25, 2017.
15. "Artificial Intelligence for Intraoperative Video Analysis: Machine Learning's Role in Surgical Education." Daniel A. Hashimoto MD, Guy Rosman, Daniela Rus, Ozanan R. Meireles. American College of Surgeons Clinical Congress, San Diego, CA. October 22-26, 2017.

Narrative Report (limit to 500 words)

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As an academic surgeon, I have been dedicated to providing outstanding patient care, and enthusiastic teaching to residents and medical students. And as a researcher, I strive to investigate disruptive innovations in the area of minimally invasive and endoluminal surgery, with special focus in bariatrics and gastro-esophageal pathologies. Furthermore, in the last few years I have been spending significant time investigating and implementing the use of artificial intelligence and machine learning in Surgery.

During the last 3 years, I have devoted 60% of my time to patient care, 20% for teaching and 20% to research and administrative incumbencies.

From the clinical standpoint, I have been able to successfully solidify the implementation and utilization of novel minimally invasive techniques for the treatment of achalasia, morbid obesity and gastric cancer, at the Massachusetts General Hospital.

From the educational standpoint, I have been actively involved in our surgical residency and fellowship programs, helping our trainees to develop advanced minimally invasive and endoluminal surgical skills. I have mentored fellows, residents, and medical students on clinical and research projects, which resulted in both posters and podium presentations at national meetings, and publications on peer-reviewed journals.

From the research standpoint, I was able to foster; and have been leading an ongoing collaboration between the MGH and MIT CSAIL (Computer Science and Artificial Intelligence Laboratory), which has been generating substantial and impactful research in the field of Artificial Intelligence in Surgery, resulting in peer reviewed publications, patent application, national and international invited talks, and several grants. Furthermore, I founded the MGH Surgical Artificial Intelligence and Innovation Laboratory (SAiiL), which I currently serve as the Director. SAiiL is financially self-sustainable, and provides salary support to two fellows per year.

From the leadership standpoint, I have been closely involved with our national surgical societies, especially SAGES and SSAT, where I serve in several committees, as discussant and session moderator during the annual meetings. I routinely reviewed abstracts for the annual meetings, manuscript for major surgical journals, and I am part of the committee that reviews and selects the best of the Journal of Gastrointestinal Surgery (JOGS). Moreover, I was the proponent of the creation, and I have been deeply involved with the establishment of the SAGES Artificial Intelligence Task Force, which I'm serving as the inaugural chair of its committee.

In summary, I've been successfully involved in our surgical societies, have delivered outstanding medical care, and have been prolific in my academic pursuits; and I am optimistic that my work in the next few years will be impactful in a positive way to optimize medical training, enhance surgeons experience and improve patient care.