



Micaela Esquivel, MD, FACS

Clinical Associate Professor, Surgery - General Surgery

CLINICAL OFFICE (PRIMARY)

- **Bariatric and Metabolic Interdisciplinary Clinic**

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ACADEMIC CONTACT INFORMATION

- **Academic & Administrative Contact**

Tara Ti - Administrative Associate

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Bio

BIO

Dr. Micaela Esquivel is a board-certified, fellowship-trained surgeon specializing in bariatric (weight loss) and minimally invasive surgery at Stanford Health Care. She is also a clinical associate professor in the Department of Surgery, Division of General Surgery at Stanford University School of Medicine.

Dr. Esquivel specializes in foregut (upper digestive tract) surgery and bariatric surgery using robotic and therapeutic endoscopic approaches. She developed the Bariatric Endoscopy Program at Stanford Health Care and treats patients with hiatal hernias, reflux, and motility disorders of the esophagus and stomach.

As a bariatric surgeon, Dr. Esquivel specializes in endobariatric procedures, such as endoscopic sleeve gastropasty and intragastric balloon. She also treats patients who have regained weight after bariatric surgery. This includes providing endoscopic sleeve revisions and reductions, as well as transoral outlet reductions for patients who have had gastric bypass.

Dr. Esquivel is passionate about helping everyone access the care they need. She values work that minimizes disparities and promotes health equity. She has studied access to surgical care in California and countries around the world, including Zambia and Guatemala. Her current work focuses on disparities in bariatric surgery.

Dr. Esquivel has presented her research at many conferences, including the American College of Surgeons Clinical Congress and the American Society for Metabolic and Bariatric Surgery (ASMBS). In addition, she has written more than two dozen articles on topics such as surgical outcomes, weight loss before bariatric surgery, and global access to surgical care. Her work has appeared in many prominent journals, including JAMA, The Lancet, World Journal of Surgery, and Journal of Surgical Research.

Dr. Esquivel is a fellow of the American College of Surgeons. She is also an active member of ASMBS, the American Foregut Society, and the Society of American and Gastrointestinal and Endoscopic Surgeons.

CLINICAL FOCUS

- General Surgery
- Minimally Invasive Surgical Procedures
- Bariatric Surgery
- Surgical Endoscopy

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Surgery - General Surgery

PROFESSIONAL EDUCATION

- Fellowship: Stanford Health Services - General Surgery Fellowship (2020) CA
- Residency: Stanford University Dept of General Surgery (2019) CA
- Board Certification: General Surgery, American Board of Surgery (2019)
- Medical Education: University of New Mexico School of Medicine (2012) NM

Teaching

COURSES

2025-26

- Service Through Surgery: Surgeons with an Impact: SURG 234 (Win)

2024-25

- Service Through Surgery: Surgeons with an Impact: SURG 234 (Win)

2023-24

- Service Through Surgery: Surgeons with an Impact: SURG 234 (Win)

2022-23

- Service Through Surgery: Surgeons with an Impact: SURG 234 (Win)

Publications

PUBLICATIONS

- **Timing of Antiobesity Medications and Adolescent Metabolic and Bariatric Surgery.** *JAMA surgery*
Chinn, J. O., Shacker, M., Brennan, K. A., Esquivel, M. M., Pratt, J. S.
2025
- **Bariatric Surgery: Improving Access without Compromising Outcomes.** *Obesity surgery*
Chinn, J. O., Bartoletti, S., Shen, J. X., Kulhanek, K. R., Shacker, M., Zak, Y., Azagury, D. E., Esquivel, M. M.
2025
- **Mild to moderate GERD before sleeve: Can we better predict post-operative GERD?** *Surgical endoscopy*
Chinn, J. O., Ruhi-Williams, P., Shacker, M., Esquivel, M. M., Garcia, P., Clarke, J. O., Azagury, D. E.
2025
- **The Impact of Socioeconomic Disadvantage on Metabolic and Bariatric Surgical Outcomes using Area Deprivation Index.** *Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract*
Chinn, J. O., Kulhanek, K. R., Shen, J. X., Shacker, M., Zak, Y., Azagury, D. E., Esquivel, M. M.

2025: 102136

- **Use of Lower Staple Heights in Robotic Sleeve Gastrectomy: National Trends and Impact on Outcomes.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
Hung, K. S., Lee, S. H., Azagury, D. E., Ruhle, B., Wall, J. K., White, L., Zheng, F., Esquivel, M. M.
2025; 6 (2): e570
- **Pyloric Dysfunction: A Review of the Mechanisms, Diagnosis, and Treatment.** *Gut and liver*
Na, H. K., Li, A. A., Gottfried-Blackmore, A., Podboy, A. J., Esquivel, M. M., Joseph, A. A., Nguyen, L., Hwang, J. H.
2025
- **The Impact of Area Deprivation Index on Bariatric Surgical Outcomes**
Chinn, J., Adams, M., Kulhanek, K. R., Shen, J. X., Tennakoon, L., Bartoletti, S., Azagury, D. E., Esquivel, M.
LIPPINCOTT WILLIAMS & WILKINS.2024: S44
- **Transforming Clinical Care: The Emergence of Ambulatory Bariatric Surgery for Patients with Obesity**
Tennakoon, L., Chinn, J., Esquivel, M.
LIPPINCOTT WILLIAMS & WILKINS.2024: S45-S46
- **Magnesium and Esophageal Pain After Peroral Endoscopic Myotomy of the Esophagus: A Randomized, Double-Blind, Placebo-Controlled Trial.** *Anesthesia and analgesia*
Kim, R. K., Kim, J. W., Angelotti, T., Esquivel, M., Tsui, B. C., Hwang, J. H.
2024
- **Using AI and computer vision to analyze technical proficiency in robotic surgery.** *Surgical endoscopy*
Yang, J. H., Goodman, E. D., Dawes, A. J., Gahagan, J. V., Esquivel, M. M., Liebert, C. A., Kin, C., Yeung, S., Gurland, B. H.
2022
- **Faculty Lead Coaching as a Method to Enhance Feedback Culture and Communication Skills Development in Surgical Education-Needs Assessment (Study in Progress)**
Nassar, A., Sasnal, M., Tung, J., Ko, A., Esquivel, M., Knowlton, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S74
- **Laparoscopic Heller Myotomy and Toupet Fundoplication.** *World journal of surgery*
Alimi, Y. R., Esquivel, M. M., Hawn, M. T.
2022
- **Enhanced Recovery after Bariatric Surgery: Further Reduction in Opioid Use with the Introduction of Dexmedetomidine and Transverse Abdominis Plane Block**
Alimi, Y. R., Crawford, E., Hoorzuk, S., Cheng, N., Lu, A., Kennedy, L., Ahmed, T., Esquivel, M., Azagury, D. E., Zak, Y.
ELSEVIER SCIENCE INC.2021: S21
- **Gastric Peroral Endoscopic Myotomy (GPOEM) Improves Symptoms and Need for Hospital Admission for Gastroparesis and Lung Transplant Patients**
Li, A., Ofosu, A., Kim, W., Podboy, A., Esquivel, M., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S466-S467
- **Peroral Endoscopic Myotomy for Achalasia Subtypes and Esophagogastric Outflow Obstruction: Clinical Success and GERD**
Li, A., Podboy, A., Kim, W., Esquivel, M., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S467
- **Impact of COVID-19 on presentation, management, and outcomes of acute care surgery for gallbladder disease and acute appendicitis.** *World journal of gastrointestinal surgery*
Farber, O. N., Gomez, G. I., Titan, A. L., Fisher, A. T., Puntasecca, C. J., Arana, V. T., Kempinsky, A., Wise, C. E., Bessoff, K. E., Hawn, M. T., Korndorffer, J. R., Forrester, J. D., Esquivel, et al
2021; 13 (8): 859-870
- **Preoperative Weight Loss Before Bariatric Surgery-The Debate Continues.** *JAMA network open*
Esquivel, M. M., Azagury, D. n.
2020; 3 (5): e204994

- **A protected time policy to improve dental health among resident physicians** *JOURNAL OF THE AMERICAN DENTAL ASSOCIATION*
Jun, T., Liebert, C., Esquivel, M., Cox, J., Trockel, M., Katznelson, L.
2019; 150 (5): 362+
- **Authors' response.** *Journal of the American Dental Association (1939)*
Jun, T. W., Liebert, C. A., Esquivel, M. n., Cox, J. A., Trockel, M. n., Katznelson, L. n.
2019; 150 (7): 568–69
- **Surgical deserts in California: an analysis of access to surgical care** *JOURNAL OF SURGICAL RESEARCH*
Uribe-Leitz, T., Esquivel, M. M., Garland, N. Y., Staudenmayer, K. L., Spain, D. A., Weiser, T. G.
2018; 223: 102–8
- **Why do patients receive care from a short-term medicalmission? Survey study from rural Guatemala** *JOURNAL OF SURGICAL RESEARCH*
Esquivel, M. M., Chen, J. C., Woo, R. K., Siegler, N., Maldonado-Sifuentes, F. A., Carlos-Ochoa, J. S., Cardona-Diaz, A. R., Uribe-Leitz, T., Siegler, D., Weiser, T. G., Yang, G. P.
2017; 215: 160–66
- **A geospatial evaluation of timely access to surgical care in seven countries** *BULLETIN OF THE WORLD HEALTH ORGANIZATION*
Knowlton, L. M., Banguti, P., Chackungal, S., Chanthasiri, T., Chao, T. E., Dahn, B., Derbew, M., Dhar, D., Esquivel, M. M., Evans, F., Hendel, S., LeBrun, D. G., Notrica, et al
2017; 95 (6): 437–44
- **The prevalence of psychiatric diagnoses and associated mortality in hospitalized US trauma patients** *JOURNAL OF SURGICAL RESEARCH*
Townsend, L. L., Esquivel, M. M., Uribe-Leitz, T., Weiser, T. G., Maggio, P. M., Spain, D. A., Tennakoon, L., Staudenmayer, K.
2017; 213: 171–76
- **Perceived Value of a Program to Promote Surgical Resident Well-being.** *Journal of surgical education*
Salles, A., Liebert, C. A., Esquivel, M., Greco, R. S., Henry, R., Mueller, C.
2017
- **Regional block via continuous caudal infusion as sole anesthetic for inguinal hernia repair in conscious neonates.** *Pediatric surgery international*
Mueller, C. M., Sinclair, T. J., Stevens, M., Esquivel, M., Gordon, N.
2017; 33 (3): 341-345
- **The American College of Surgeons (ACS) Needs-Based Assessment of Trauma Systems (NBATS): Estimates for the State of California.** *journal of trauma and acute care surgery*
Uribe-Leitz, T., Esquivel, M. M., Knowlton, L. M., Ciesla, D., Lin, F., Hsia, R. Y., Spain, D. A., Winchell, R. J., Staudenmayer, K. L.
2017
- **Prevalence and predictors of depression among general surgery residents.** *American journal of surgery*
Lin, D. T., Liebert, C. A., Esquivel, M. M., Tran, J., Lau, J. N., Greco, R. S., Mueller, C. M., Salles, A.
2017; 213 (2): 313-317
- **Grit as a predictor of risk of attrition in surgical residency.** *American journal of surgery*
Salles, A., Lin, D., Liebert, C., Esquivel, M., Lau, J. N., Greco, R. S., Mueller, C.
2017; 213 (2): 288-291
- **Effects of mechanism of injury and patient age on outcomes in geriatric rib fracture patients.** *Trauma surgery & acute care open*
Shi, H. H., Esquivel, M., Staudenmayer, K. L., Spain, D. A.
2017; 2 (1): e000074
- **Mapping Disparities in Access to Safe, Timely, and Essential Surgical Care in Zambia** *JAMA SURGERY*
Esquivel, M. M., Uribe-Leitz, T., Makasa, E., Lishimpi, K., Mwaba, P., Bowman, K., Weiser, T. G.
2016; 151 (11): 1064-1069
- **Belonging, Well-being, and Attrition in General Surgery**
Salles, A., Lin, D. T., Liebert, C. A., Esquivel, M., Mueller, C.
ELSEVIER SCIENCE INC.2016: E40–E41

- **A Multinational Evaluation of Timely Access to Basic Surgical Services Using Geospatial Analyses**
Knowlton, L., Esquivel, M., Uribe-Leitz, T., Mcqueen, K., Chackungal, S., LeBrun, D. G., Chao, T. E., Weiser, T. G., Spain, D. A.
ELSEVIER SCIENCE INC.2016: E118
- **Variability in mortality following caesarean delivery, appendectomy, and groin hernia repair in low-income and middle-income countries: a systematic review and analysis of published data** *LANCET GLOBAL HEALTH*
Uribe-Leitz, T., Jaramillo, J., Maurer, L., Fu, R., Esquivel, M. M., Gawande, A. A., Haynes, A. B., Weiser, T. G.
2016; 4 (3): E165-E174
- **Size and distribution of the global volume of surgery in 2012.** *Bulletin of the World Health Organization*
Weiser, T. G., Haynes, A. B., Molina, G., Lipsitz, S. R., Esquivel, M. M., Uribe-Leitz, T., Fu, R., Azad, T., Chao, T. E., Berry, W. R., Gawande, A. A.
2016; 94 (3): 201-209F
- **Size and distribution of the global volume of surgery in 2012** *BULLETIN OF THE WORLD HEALTH ORGANIZATION*
Weiser, T. G., Haynes, A. B., Molina, G., Lipsitz, S. R., Esquive, M. M., Uribe-Leitz, T., Fu, R., Azad, T., Chao, T. E., Berry, W. R., Gawande, A. A.
2016; 94 (3): 201-209
- **Endoscopic Submucosal Dissection of a Large Hamartoma in a Young Child.** *Journal of pediatric gastroenterology and nutrition*
Wall, J., Esquivel, M., Bruzoni, M., Wright, R., Berquist, W., Albanese, C.
2016; 62 (1): e5-7
- **Relationship Between Cesarean Delivery Rate and Maternal and Neonatal Mortality.** *JAMA*
Molina, G., Weiser, T. G., Lipsitz, S. R., Esquivel, M. M., Uribe-Leitz, T., Azad, T., Shah, N., Semrau, K., Berry, W. R., Gawande, A. A., Haynes, A. B.
2015; 314 (21): 2263-2270
- **Surgical deserts in California: an analysis of access to surgical care**
Uribe-Leitz, T., Esquivel, M. M., Staudenmayer, K. L., Spain, D. A., Weiser, T. G.
ELSEVIER SCIENCE INC.2015: E29
- **Analysis of a Hospital-Based Trauma Registry in Rural Cameroon: Description of Initial Results and Recommendations**
Esquivel, M. M., Long, C., Kaggya, K. M., Uribe-Leitz, T., Weiser, T. G., Wren, S. M.
ELSEVIER SCIENCE INC.2015: S86–S87
- **Proposed Minimum Rates of Surgery to Support Desirable Health Outcomes: An Observational Study Based on Three Strategies** *WORLD JOURNAL OF SURGERY*
Esquivel, M. M., Molina, G., Uribe-Leitz, T., Lipsitz, S. R., Rose, J., Bickler, S., Gawande, A. A., Haynes, A. B., Weiser, T. G.
2015; 39 (9): 2126-2131
- **Projections for Achieving the Lancet Commission Recommended Surgical Rate of 5000 Operations per 100,000 Population by Region-Specific Surgical Rate Estimates** *WORLD JOURNAL OF SURGERY*
Uribe-Leitz, T., Esquivel, M. M., Molina, G., Lipsitz, S. R., Verguet, S., Rose, J., Bickler, S. W., Gawande, A. A., Haynes, A. B., Weiser, T. G.
2015; 39 (9): 2168-2172
- **Global access to surgical care: a modelling study.** *The Lancet. Global health*
Alkire, B. C., Raykar, N. P., Shrimel, M. G., Weiser, T. G., Bickler, S. W., Rose, J. A., Nutt, C. T., Greenberg, S. L., Kotagal, M., Riesel, J. N., Esquivel, M., Uribe-Leitz, T., Molina, et al
2015; 3 (6): e316-23
- **Global access to surgical care: a modelling study** *LANCET GLOBAL HEALTH*
Alkire, B. C., Raykar, N. P., Shrimel, M. G., Weiser, T. G., Bickler, S. W., Rose, J. A., Nutt, C. T., Greenberg, S. L., Kotagal, M., Riesel, J. N., Esquivel, M., Uribe-Leitz, T., Molina, et al
2015; 3 (6): E316-E323
- **Avoidable maternal and neonatal deaths associated with improving access to caesarean delivery in countries with low caesarean delivery rates: an ecological modelling analysis.** *Lancet*
Molina, G., Esquivel, M. M., Uribe-Leitz, T., Lipsitz, S. R., Azad, T., Shah, N., Semrau, K., Berry, W. R., Gwande, A. A., Weiser, T. G., Haynes, A. B.
2015; 385: S33-?
- **Avoidable maternal and neonatal deaths associated with improving access to caesarean delivery in countries with low caesarean delivery rates: an ecological modelling analysis**
Molina, G., Esquivel, M. M., Uribe-Leitz, T., Lipsitz, S. R., Azad, T., Shah, N., Semrau, K., Berry, W. R., Gwande, A. A., Weiser, T. G., Haynes, A. B.

ELSEVIER SCIENCE INC.2015: 33

- **Variability in mortality after caesarean delivery, appendectomy, and groin hernia repair in low-income and middle-income countries: implications for expanding surgical services**
Weiser, T. G., Uribe-Leitz, T., Fu, R., Jaramillo, J., Maurer, L., Esquivel, M. M., Gawande, A. A., Haynes, A. B.
ELSEVIER SCIENCE INC.2015: 34
- **Proposed minimum rates of surgery to support desirable health outcomes: an observational study based on four strategies.** *Lancet*
Esquivel, M. M., Molina, G., Uribe-Leitz, T., Lipsitz, S. R., Rose, J., Bickler, S. W., Gawande, A. A., Haynes, A. B., Weiser, T. G.
2015; 385: S12-?
- **Variability in mortality after caesarean delivery, appendectomy, and groin hernia repair in low-income and middle-income countries: implications for expanding surgical services.** *Lancet*
Weiser, T. G., Uribe-Leitz, T., Fu, R., Jaramillo, J., Maurer, L., Esquivel, M. M., Gawande, A. A., Haynes, A. B.
2015; 385: S34-?
- **Projections to achieve minimum surgical rate threshold: an observational study.** *Lancet*
Uribe-Leitz, T., Esquivel, M. M., Molina, G., Lipsitz, S. R., Verguet, S., Rose, J., Bickler, S. W., Gawande, A. A., Haynes, A. B., Weiser, T. G.
2015; 385: S14-?
- **Estimate of the global volume of surgery in 2012: an assessment supporting improved health outcomes.** *Lancet*
Weiser, T. G., Haynes, A. B., Molina, G., Lipsitz, S. R., Esquivel, M. M., Uribe-Leitz, T., Fu, R., Azad, T., Chao, T. E., Berry, W. R., Gawande, A. A.
2015; 385: S11-?
- **Variability in mortality after caesarean delivery, appendectomy, and groin hernia repair in low-income and middle-income countries: implications for expanding surgical services.** *Lancet*
Weiser, T. G., Uribe-Leitz, T., Fu, R., Jaramillo, J., Maurer, L., Esquivel, M. M., Gawande, A. A., Haynes, A. B.
2015; 385: S34-?
- **Estimate of the global volume of surgery in 2012: an assessment supporting improved health outcomes.** *Lancet*
Weiser, T. G., Haynes, A. B., Molina, G., Lipsitz, S. R., Esquivel, M. M., Uribe-Leitz, T., Fu, R., Azad, T., Chao, T. E., Berry, W. R., Gawande, A. A.
2015; 385: S11-?
- **Congenital peribronchial myofibroblastic tumor: case report of an asymptomatic infant with a rapidly enlarging pulmonary mass and review of the literature.** *Annals of clinical and laboratory science*
Brock, K. E., Wall, J., Esquivel, M., Newman, B., Marina, N., Albanese, C., Hazard, F. K.
2015; 45 (1): 83-89
- **PREDICT: Instituting an Educational Time Out in the Operating Room.** *Journal of graduate medical education*
Yang, R. L., Esquivel, M., Erdrich, J., Lau, J., Melcher, M. L., Wapnir, I. L.
2014; 6 (2): 382-383