

Stanford



Micaela Esquivel, MD

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. Esquivel is a board-certified, fellowship-trained bariatric and minimally invasive surgeon. She is a clinical associate professor of surgery at Stanford University School of Medicine. She is also the director of community engagement and outreach for the Stanford Department of Surgery.

Specialties of Dr. Esquivel include foregut surgery and bariatric surgery. She performs robotic surgery as well as therapeutic surgical endoscopy.

She has developed the Bariatric Endoscopy Program of Stanford Health Care. Her goal is to offer procedures such as endoscopic sleeve gastropasty and endoscopic suturing of the gastric pouch and outlet after gastric bypass, and endoscopic sleeve revisions/reductions, for patients experiencing weight regain.

Dr. Esquivel has a great interest in helping everyone access the care they need. She values work that minimizes disparities and promotes health equity. Research interests of Dr. Esquivel range from the global, like minimum rates of surgery to support desirable outcomes, to the more specific, such as weight loss before bariatric surgery. She has studied access to surgical care in California, as well as access to care in Zambia, Guatemala, and other countries.

Dr. Esquivel has made numerous presentations on surgical care access, among other topics, at conferences including the American College of Surgeons Clinical Congress, Academic Surgical Congress, and the UK's Royal Society of Medicine. 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 services. Her work has appeared in JAMA, the World Journal of Surgery, Journal of Surgical Research, Journal of Surgical Education, Lancet, and elsewhere.

Among her many honors, Dr. Esquivel has won the prestigious Samuel L. Kountz Humanitarian Award, awarded to a Stanford resident distinguished by professionalism, compassion, and respect for the dignity of others—attributes shared by the late Dr. Kountz, a trailblazing surgeon and the first African American surgical resident at Stanford. Dr. Esquivel also won the Resident Research Award of the Year in Stanford General Surgery and the Post-Doctoral Fellowship Award from Stanford's Hispanic Center for Excellence.

In addition to serving as the director of community engagement and outreach, Dr. Esquivel directs the “Service Through Surgery: Surgeons with an Impact” course in the Stanford University School of Medicine and is the co-chair of the Stanford Department of Surgery Diversity Cabinet.

CLINICAL FOCUS

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

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Surgery - General Surgery

PROFESSIONAL EDUCATION

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

Teaching

COURSES

2023-24

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

2022-23

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

2021-22

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

2020-21

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

Publications

PUBLICATIONS

- **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
- **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
- **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
- **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., Esquiye, 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
- **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
- **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
- **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** *LANCET GLOBAL HEALTH*
Alkire, B. C., Raykar, N. P., Shrima, 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
 - **Global access to surgical care: a modelling study.** *The Lancet. Global health*
Alkire, B. C., Raykar, N. P., Shrima, 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
 - **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-?
 - **Projections to achieve minimum surgical rate threshold: an observational study**
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.
ELSEVIER SCIENCE INC.2015: 14
 - **Proposed minimum rates of surgery to support desirable health outcomes: an observational study based on four strategies**
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.
ELSEVIER SCIENCE INC.2015: 12
 - **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
 - **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-?
 - **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-?
 - **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