

Diana Encalada Soto, MD, MHA
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Current position

**University of South Florida
Tampa General Hospital**

Assistant Professor
Minimally Invasive Gynecologic Surgery
Department of Obstetrics and Gynecology
Tampa, Florida
09/2023- present

Education & Training

Mayo Clinic College of Medicine and Science

Minimally Invasive Gynecologic Surgery Fellowship (AAGL)
Rochester, Minnesota
07/2021- 06/2023

Bronx Care Health System - Icahn School of Medicine at Mount Sinai

Obstetrics and Gynecology Residency
Bronx, NY
07/2017- 06/2021

Creighton University School of Medicine - St. Joseph's Hospital and Medical Center

Hands-on surgical rotation with the Minimally Invasive Gynecologic Surgery Fellowship
Phoenix, Arizona
10/2019

Bronx Care Health System - Icahn School of Medicine at Mount Sinai

Obstetrics and Gynecology Residency, Preliminary year
Bronx, NY
07/2016 – 06/2017

Ministry of Health of Ecuador - Homero Castanier Crespo Hospital

Medical School Internship
Azogues, Ecuador
07/2009 – 07/2010

Universidad Técnica Particular de Loja (UTPL)

Master in Health Administration (M.H.A.)
Cuenca, Ecuador
11/2011 – 12/2013

Universidad de Cuenca Facultad de Ciencias Médicas

Medical Doctor (M.D.)

Graduated among top 10 of the class

Cuenca, Ecuador

09/2004 – 08/2010

Previous Professional Positions

Jose Carrasco Arteaga Social Security Hospital

Consulting auditing physician

Cuenca, Ecuador

02/2015 – 04/2015

Ministry of Health of Ecuador – San Sebastian Community Hospital

Rural Medical Service Physician, Chief resident

Obstetrics and Gynecology, Pediatrics, General Surgery, and Internal Medicine.

Azuay, Ecuador

11/2010 – 11/2011

Research, Teaching & Quality Experience

Recipient, 2024-2025 Inaugural Lucy, Anarcha, and Betsey (LAB) Editorial Mentorship Program

American Journal of Obstetrics and Gynecology

Washington, DC

July 11, 2024 – Present

- Selected for a prestigious mentorship program designed to train the next generation of authors, reviewers, and editorial leaders in Obstetrics and Gynecology

Quality Improvement Project Selection Committee Member

USF Fellow-Resident Day, University of South Florida

Tampa, FL

June 12th, 2024

Center for Advanced Medical Learning and Simulation (CAMLs)

Faculty for the Minimally Invasive Gynecologic Surgery Course and Cadaver Lab

Tampa, FL

Jan, 12-14th, 2024

Journal of Gynecological Endocrinology

Editorial Reviewer

08/2024- present

The Green Journal of Obstetrics and Gynecology

Editorial Reviewer

01/2024- present

The Journal of Gynecologic Surgery

Editorial Reviewer

09/2023 - present

University of South Florida Tampa General Hospital Hysterectomy Surgical site infection (SSI) Taskforce Representative

09/2023 – present

- Review and identify I cases and implement and evaluate compliance with hysterectomy bundle to reduce hysterectomy SSI.

University of South Florida – Tampa General Hospital Surgical & Procedural Services Quality Committee

Representative

09/2023 - present

- Participate in quality improvement across surgical specialties by reviewing cases for evaluation and presentation.

Endometriosis 101

Lecture presented to the University of South Florida Medical School

January 31st, 2024

Mayo Gynecology Quality Trigger Committee

Representative

07/2021 – 06/2023

- Review and identify cases for quality improvement in ongoing departmental presentations.

Mayo Clinic Obstetrics and Gynecology Education Committee

Representative

07/2021- 06/2023

- Participate in standing meetings with leadership from residency and fellowship programs as a surgical fellowship representative.

World Health Organization

Research Coordinator for Ecuador

01/2014 – 12/2017

- From Research to Practice: Training Course in Sexual and Reproductive Health Research coach.

Harvard School of Public Health - Principles and Practice of Clinical Research

Senior Teacher Assistant (previously: Teaching Assistant I, II)

02/2013 – 01/2017

- Prepared lectures, led office hours, graded assignments, prepared student feedback, and collaborated with their final group project.

European Commission in collaboration with the University of Cuenca

Research Fellow

02/2012 – 05/2013

- Participated in a multicenter project on reproductive healthcare for adolescents in Latin America: Community embedded reproductive healthcare for Adolescents in Latin America (CERCA).

University of Cuenca

Research Teaching Assistant

11/2007-07/2010

- Involved in the Food, Nutrition, and Health Research Project, administering nutritional questionnaires, and measuring nutritional intake and physical activity.

Peer Reviewed Publications

Mathyk BA, Cetin E, Youssef Y, Imudia AN, **Encalada Soto D**, Mikhail E, Moawad G. Beyond the surface: Does stage I-II endometriosis impact fertility? Exploring the challenges of mild disease. *Best Pract Res Clin Obstet Gynaecol.* 2024 May 9:102501. doi: 10.1016/j.bpobgyn.2024.102501. Epub ahead of print. PMID: 38760260.

Green I, Briggs M, **Encalada Soto D**, Cole K, Wygant J, Burnett T, Zhu X, Chen I, Sangaralingam LR, Thao V. Health Care Utilization by Patients With Chronic Pelvic Pain. *Obstet Gynecol.* 2024 May 2. doi: 10.1097/AOG.0000000000005595. Epub ahead of print. PMID: 38696811.

D. Encalada-Soto. Navigating towards precision: evaluating the clinical value of non-invasive biomarkers for the diagnosis of endometriosis. *Minerva Obstet and Gynecol.* 2024 Apr 4. doi: 10.23736/S2724-606X.23.05313-7. Epub ahead of print. PMID 38576337.

E.Mikhail, **D.Encalada-Soto.** Uterine Myomata: The Case for Specialized Centers. *Journal of Gynecologic Surgery: February 2024 – Volume 40, Number 1, 2024.* DOI: 10.1089/gyn.2023.01112

D. Encalada-Soto, S. Rassier, I. Green, T. Burnett, Z. Khan, A. Cope. Endometriosis biomarkers of the disease: an update. *Current Opinion in Obstetrics and Gynecology: August 2022 - Volume 34 - Issue 4 - p 210-219* PMID: 35895963

J. Basu, Y. Wu, **D. Encalada,** L. Molina, G. Nader, M. Mikhail. Placental Vascular Endothelial Growth Factor (VEGF)165 Proteins in Preeclampsia. *Placenta.* 2021, Vol.112, Page e57, ISSN 0143-4004 DOI:10.1016/j.placenta.2021.07.185

J. Basu, S. Oraee, Y. Wu, **D. Encalada,** L. Molina, M. Mikhail. Influence of placental metalloproteinase-9 Protein on the Branching Architecture of Chorionic Blood Vessels of Human Placenta. *Gynecol Reprod Health.* 2021; Vol 5, Issue 5, pages 1-9, ISSN 2639-9342

Quizhpe, **D. Encalada-Soto,** F. Barten, K, Velden. Antibiotic use without prescription in Ecuadorian children according to their families' socioeconomic characteristics. *Medicas UIS.* 2017, Vol.30 n.2, pp.21-27. ISSN 0121-0319 DOI: 10.18273/revmed.v30n2-2017002

E. Nelson, M. Ballesteros, A. Edmonds, **D. Encalada-Soto,** O Rodríguez. The unintended consequences of sex education: ethnography of development intervention in Latin America. *Anthropol Med.* 2014; 21(2):189-201. PMID: 25175294

B. Vega, **D. Encalada**, MJ. Sarmiento. Characteristics of sexual onset in adolescents in six high schools in Cuenca. *Revista de la Facultad de Ciencias Médicas de la Universidad de Cuenca* 2012, Dec; 30(3): 30-35
URL:<http://dspace.ucuenca.edu.ec/handle/123456789/20644>

Book Chapters

D. Encalada-Soto, Z. Khan, A. Cope. Chapter 19 - Minimally Invasive Surgery. In: Nelson G, Ramirez PT, Dowdy SC, Wilson RD, Scott MJ, editors. *The ERAS® Society Handbook for Obstetrics & Gynecology*. Academic Press; 2022. p. 283-96. <https://doi.org/10.1016/B978-0-323-91208-2.00010-X>

Abstracts, Posters & Presentations

Encalada-Soto D, Wall-Wieler E, Liu Y, Zheng F, Mikhail E, Opioid Use after Robotic Assisted Versus Laparoscopic Endometriosis Procedures

Abstract accepted for presentation in the upcoming AAGL 2024 Global Congress on MIGS
November 16-19, 2024

Encalada-Soto D, Heinsimer K, Mikhail E, Intraoperative Delineation of Bladder Deep Endometriosis: Optimizing Excision Margins for Postoperative Bladder Capacity Preservation

Video abstract accepted for presentation in the upcoming AAGL 2024 Global Congress on MIGS
November 16-19, 2024

Rosario SA, Mikhail E, **Encalada-Soto D**, Norethindrone-Associated Transaminitis in Endometriosis Patients: A Case Series and Literature Review

Abstract accepted for presentation in the upcoming AAGL 2024 Global Congress on MIGS
November 16-19, 2024

Ha K, **Encalada-Soto D**, Mikhail E, Robotic Cervical Myomectomy: How to Prevent Pitfalls

Abstract accepted for presentation in the upcoming AAGL 2024 Global Congress on MIGS
November 16-19, 2024

Marks DA, **Encalada-Soto D**, Mikhail E, Systematic Surgical Approach to Cesarean Scar Ectopic Pregnancy in 5 Steps

Abstract accepted for presentation in the upcoming AAGL 2024 Global Congress on MIGS
November 16-19, 2024

Associations between hysterectomy and future presence of pelvic floor disorders - a systematic review and meta-analyses

Oral presentation at the SGS 2024 Annual Scientific Meeting

Chang O, Saldanha I, **Encalada-Soto D**, Jalloul R, Rozycki S, Orlando M, White A, Yang L, Thompson J, Nihira M, Bretschneider E, Jeppson P, Balk E, Gupta A.

March 24-27, 2024.

A Complexity Cascade: Vascular Injury in a Morbidly Obese Patient with Castleman's Disease

D. Encalada-Soto, A. Cope, A. Kumar.

Video abstract presented at the 52nd Global Congress on MIGS- AAGL 2023

November 4-9, 2023.

Deconstructing the obliterated posterior cul-de-sac: normalizing anatomy to facilitate endometriosis removal.

D. Encalada-Soto, A. Cope, Z. Khan, T. Burnett.

Abstract presented at the World Endometriosis Congress

Edinburgh, Scotland, UK.

May 3-6, 2023

Social Media for Trainees

D. Encalada-Soto.

Oral presentation as part of the Social Media Workshop at the SGS 2023 Annual Scientific Meeting

Tucson, AZ, USA.

March 19, 2023

The use of intra-operative laparoscopic ultrasound for mapping of an ovarian lesion

K. Woodward, **D. Encalada-Soto**, S. Rassier.

Video abstract presented at the SGS 2023 Annual Scientific Meeting

March 19-22, 2023.

Differences in Outcomes between Percutaneous Image-Guided Cryoablation Versus Surgical Excision for Abdominal Wall Endometriosis

D. Encalada-Soto, L. Lu,, K. Mara, T. Burnett, Z. Khan, B. Welch, A. Cope.

Abstract presented at the 51st Global Congress on MIGS- AAGL 2022

December 1-4, 2022.

Laparoscopic Hemi-Hysterectomy for Excision of a Functional Rudimentary Uterine Horn: Keys to Success

D. Encalada-Soto, Z. Khan.

Video abstract presented at the 51st Global Congress on MIGS- AAGL 2022

December 1-4, 2022.

Deep infiltrating endometriosis affecting ileoanal pouch anastomosis (J pouch): Surgical approach

K. Stewart, **D. Encalada-Soto**, T. Burnett, Z. Khan, S. Kelley, A. Cope.

Video abstract presented at the 51st Global Congress on MIGS- AAGL 2022

December 1-4, 2022.

Healthcare utilization among patients with chronic pelvic pain: data from a large U.S. claims database

D. Encalada-Soto, K. Mara, V. Thao, J. Wygant, T. Burnett, I. Green.

Abstract presented at the International Pelvic Pain Society 2021 Annual Scientific Meeting

Baltimore, MD, USA.

October 21-24, 2021.

J. Basu, Y. Wu, S. Oraee, **D. Encalada-Soto**, A. Mishra, M. Mikhail. Chorionic villi angiogenic protein expression in normal human pregnancy. American Journal of Obstetrics and Gynecology. 2021, Vol. 224, Issue 2, Supplement, Pages S215-S216, ISSN 0002-9378 DOI:10.1016/j.ajog.2020.12.349

Impact of fellowship-trained gynecologic surgeons versus general obstetrician-gynecologists in patient outcomes

D. Encalada-Soto, J. Doneza, P. Medvedeva, M. Mikhail.

Abstract presented at the 49th Global Congress on MIGS- American Association of Gynecologic Laparoscopists

AAGL 2020

November 4-8, 2020.

The Impact of an Enhanced Recovery after Surgery (ERAS) protocol in a community-based hospital

D. Escobar, **D. Encalada-Soto**, M. Teitz, A. Alagkiozidis, H. Smith.

Abstract presented at the 49th Global Congress on MIGS- American Association of Gynecologic Laparoscopists

AAGL 2020

November 4-8, 2020.

Treatment outcome of females with interstitial cystitis, chronic pelvic pain following Onabotulinumtoxin A bladder injection in a community-based hospital: A retrospective analysis

D. Encalada-Soto, M. Jean-Michel.

Abstract presented at the International Urogynecological Association 45th Annual Meeting

The Hague, The Netherlands

September 2-5, 2020

Does placental tissue sampling site affect placental protein expression outcome?

D. Encalada-Soto, J. Basu, Y. Wu, S. Oraee, A. Mishra, M. Mikhail.

Abstract presented at the Society for the Study of Reproduction 53rd Annual Meeting

Ottawa, Ontario, Canada

July 9-12, 2020

The rarest form of ectopic pregnancy: A ruptured intramyometrial ectopic case report and literature review

D. Encalada-Soto, Escobar D, Rodriguez S, Emerson M.

Poster presented at Hospital Day Bronx Care Health System November 10, 2019 (First Place Award).

Poster presented at the 11th Annual Icahn School of Medicine at Mount Sinai Graduate Medical Education Consortium

Research Day on June 5th, 2020. NY, USA

J Basu, S Oraee, Y Wu, **D. Encalada-Soto**, A Mishra, and M Mikhail. Regional variations in placental

protein expression of matrix metalloproteinase-9 (MMP-9) in term uncomplicated pregnancy

EC Gynaecology Journal Volume 9 Issue 9 – 2020 Published: August 05, 2020.

Abstract presented at the Society of Reproductive Science 67th Annual conference

Vancouver, BC, Canada

March 10-14, 2020.

Regional variations in placental vascular endothelial growth factor 165b (VEGF165b) protein in term delivered placentas

Y. Wu, **D. Encalada-Soto**, J Basu, S Oraee, A Mishra and M Mikhail.

Abstract presented during Hospital Day Bronx Care Health System

Bronx, NY, USA

November 10, 2019

Postpartum hemorrhage case report and literature review

D. Encalada-Soto.

Oral presentation during the District II Safe Motherhood Initiative Meeting, American College of Obstetrics and Gynecology (ACOG)

Albany, NY, USA

March 22, 2019

T-CARE: A randomized controlled trial comparing telemedicine-based cardiac rehabilitation program and conventional hospital-based cardiac rehabilitation in patients post-myocardial infarction

N. Capello, **D. Encalada-Soto**, A. Carvalho.

Poster presented at the Harvard School of Public Health Research Workshop

Salvador de Bahia, Brazil

August 2012

Honors

Elected **Vice Co-Chair of the Social Media Committee** for the Society of Gynecologic Surgeons 2023-2024

Social Media Committee Member for the Society of Gynecologic Surgeons Member 2022-2023

Fellow Scholar for the 2022 Society of Gynecologic Surgeons 48th Annual Scientific Meeting: Grant awarded by Cooper Surgical, Intuitive Surgical, OBG Management, Olympus, and the SGS Education Fund.

Resident of the Year Award 2019: for Academic Excellence, Competence, Dedication and Outstanding Service. Department of Obstetrics and Gynecology, Bronx Care Health System, 2019.

First Place Award during Hospital Day: Award to Best Case report presentation and literature review. Bronx Care Health System, 2019

Resident of the year Award 2017: Presented by the Graduating Class, 2017.

Volunteer Experience

Faculty Volunteer, Bridge Clinic

University of South Florida, Morsani College of Medicine

Tampa, FL

May 2024 – Present

- Oversaw clinical operations and provided mentorship at a student-run free clinic.

Medical Outreach and Community Assistance of Western New York (MOCA)

Puerto Plata, Dominican Republic

02/2018

- Provided gynecologic surgical care as part of a comprehensive healthcare team.

Universidad de Cuenca Facultad de Ciencias Médicas

08/2006 - 07/2009

- Member of Medical Assistance Brigade; participated in medical school extensions in rural areas, completing 132 hours of volunteer work.

Professional Affiliations and Certifications

Fellow of the American College of Obstetrics and Gynecology FACOG

07/2024

American College of Obstetrics and Gynecology

Diplomate – Board Certified

01/2023

Licensure: Florida 08/2023 – Present

Licensure: Minnesota. 06/2021 – Present

Council on Resident Education in Obstetrics and Gynecology (CREOG) 2020 Resident Workshop certification: Preparing to be Teachers and Leaders, July 25th, 2020.

Associate Member of the Society of Gynecologic Surgeons (SGS)

Member of the American Association of Gynecologic Laparoscopists (AAGL)

Member of the American Medical Association (AMA)

Fundamentals of Laparoscopic Surgery Certification (FLS) February 2020

Educational Commission for Foreign Medical Graduates (ECFMG) Certification August 6, 2015

Professional development

2024 Interprofessional Leadership Development Program.

TGH-USF People Development Institute.

January 18th, 2024 to date.

Languages

English (fluent)

Spanish (fluent, native language)

Social Media

Twitter: @dianaencaladamd

Doximity: [Doximity Profile](#)

LinkedIn: [LinkedIn Profile](#)