

Lauri Silver Hochberg, M.D.

University of South Florida, Morsani College of Medicine, Tampa, Florida

Address

Department of Obstetrics and Gynecology
University of South Florida, Morsani College of Medicine
2 Tampa General Circle, STC 6th floor
Tampa, FL 33606 USA
Office: (813) 259-8542
Fax: (813) 259-0981
Cellular: (813) 263-5616
Email: lhochber@usf.edu

Citizenship

USA

Education

Doctor of Medicine 1992-1996
University of Miami School of Medicine
Miami, FL
Alpha Omega Alpha National Medical Honors Society

Bachelors of Arts in Psychology 1987-1991
Emory University
Atlanta, GA

Postgraduate Training

Ultrasound Fellowship 2000-2001
Department of Obstetrics and Gynecology
Division of Maternal-Fetal Medicine
Mount Sinai School of Medicine
The Mount Sinai Hospital
New York, NY

Residency 1996-2000
Department of Obstetrics and Gynecology
Mount Sinai School of Medicine
The Mount Sinai Hospital
New York, NY

Certification/Licensure

Diplomate, American Board of Obstetrics and Gynecology 2002-present
Florida Medical License (ME 82178) current
Georgia Medical License (68029) current

New York Medical License (207318-1) inactive

Awards and Honors

Third Annual USF Health Patient Experience Award (2018-2019) 2020
awarded to individuals who have at or above the 97th percentile nationally for the press ganey overall care provider domain.

Award Lecture, Top Abstract 2017
International Society of Ultrasound in Obstetrics and Gynecology
World Congress in Vienna, Austria
Risk of complications in conservatively managed adnexal masses initially thought to be benign at subjective impression by ultrasound examiner
presented by W Froyman

Alpha Omega Alpha National Medical Honor Society 1995

American Cancer Society Student Research Grant 1995

Appointments

Associate Professor 2020-present
Division of Gynecologic Ultrasound Service
Department of Obstetrics and Gynecology
University of South Florida Morsani College of Medicine
Tampa, FL

Division Director of Gynecologic Ultrasound Service 2014-present
Department of Obstetrics and Gynecology
University of South Florida Morsani College of Medicine
Tampa, FL

Assistant Professor 2003-2020
Division of Gynecologic Ultrasound Service
University of South Florida Morsani College of Medicine
Tampa, FL

Assistant Professor 2001-2020
Department of Obstetrics and Gynecology
University of South Florida Morsani College of Medicine
Tampa, FL

Clinical Instructor 2000-2001
Department of Obstetrics and Gynecology
Mount Sinai School of Medicine
Elmhurst Hospital
Elmhurst, NY

Teaching Activities, Lecture

Undergraduate Medical

Lecturer, Obstetrics and Gynecology Clerkship (BCC6130)	2002-2005
“Pediatric Gynecology” lecture	
“Ectopic Pregnancy” lecture	
“First Trimester Bleeding” lecture	
“Basic OB/GYN Ultrasound” lecture	
“Vaginitis” lecture	
Lecturer, Medical Ethics and Humanities (BMS6810)	2002-2004
“Ethics in Obstetrics and Gynecology”	

Graduate Medical

Lecturer, Resident lecture series	2002-2016
“Adolescent and Pediatric Gynecology” lecture	
“Ultrasound Assisted Pelvic Examination” lecture	
“Benign Pelvic Masses” lecture	
“Jeopardy: Vaginitis” lecture	
“Imaged Based Gynecology...Some Interesting Cases” lecture	
“Vulvar Disorders, Creog Review” lecture	
“Ultrasound Basics” lecture	
“Ultrasound Evaluation of the Uterus”	10/2020
“Ultrasound Evaluation of the Adnexa- IOTA models”	12/2020
“Triage of Adnexal Masses in Pregnancy” MFM fellow lecture	3/2021
“Ultrasound Evaluation of Postmenopausal Bleeding” FPRM fellow lecture	6/2021

Teaching Activities, Supervisory

Undergraduate Medical

Attending, Primary Care and Special Populations (BCC7184)	2005-present
Attending, Surgical Care Clerkship (BCC7164)	2005-2016
Attending, Obstetrics and Gynecology Clerkship (BCC6130)	2001-2005
Faculty, Physical Diagnosis II (BMS 6830), supervisor of pelvic examination skills on standardized patients	2006-2009

Graduate Medical

Rotation Director, Resident Gynecologic Imaging Rotation	2014-present
Attending, Resident Gynecologic Imaging Rotation	2004-present
Attending, Obstetrics and Gynecology	2001-2016
Advisor, Resident Research Projects	

Ultrasound guided polypectomy: Evaluation of a novel technique to remove endometrial polyps in the office
Resident physician mentored: Papri Sarkar, MD 2019

Association Between Preoperative Adenomyosis Detection Rate During Pelvic Ultrasonography and the Specialty of the Reading Physician
Resident physician mentored: Megan McDowell, MD
USF Resident Research Day, Tampa, FL 2018

Treatment of Endometrial Polyps: A Novel Approach for Ultrasound Guided Polypectomy
Resident physician mentored: Karen Duncan, MD
USF Resident Research Day, Tampa FL 2012

Correlation of Cervical Conization with Preoperative Colposcopic Biopsy
Resident physician mentored: Nancy MacLaurin, MD
USF Resident Research Day, Tampa, FL 2002

Sonographer Education Series

“Ultrasound Evaluation of the Uterus” 2020
“Ultrasound Evaluation of Adnexal Masses”

Lectures by Invitation

National

“GYN Case Challenges in the Pregnant Patient”
AIUM Lecture Series- Gynecologic Ultrasound
Virtual Webinar Dec 2020

“Ultrasound Evaluation of Endometriosis”
“Practical Strategies to Triage Adnexal Masses using Transvaginal Ultrasound and the IOTA Models”
12th Annual Ultrasound in Obstetrics and Gynecology Virtual Symposium
Lehigh Valley Health Network
Allentown, PA Nov 2020

“Basic Uterine Pathology”
Introductory course on gynecologic ultrasound for the beginner
American Institute of Ultrasound in Medicine (AIUM) Annual National convention
New York, NY (*conference cancelled due to COVID pandemic*) March 2020

“Current Ultrasound Strategies to Differentiate Ovarian Tumors: The International Ovarian Tumor Analysis (IOTA) Simple Rules” 2019

Clinical Seminar presented at the American College of Obstetrics and Gynecology (ACOG) Annual National conference
Nashville, TN

“Ultrasound Evaluation of Adnexal Masses” 2017
Ultrasound in Obstetrics and Gynecology Conference
Lehigh Valley Hospital-Cedar Crest
Allentown, PA

“Saline Infusion Sonogram: Tips and Tricks” 2017
Ultrasound in Obstetrics and Gynecology Conference
Lehigh Valley Hospital-Cedar Crest
Allentown, PA

Regional

“Practical Strategies to Triage Adnexal Masses using Ultrasound” 2021
American College of Obstetrics and Gynecology District XII Conference
Orlando, FL

“Ultrasound and IOTA prediction models for Adnexal Masses” 2020
American College of Obstetrics and Gynecology District XII Conference
Miami Beach, FL (*conference cancelled due to COVID pandemic*)

“Ultrasound Evaluation of Adnexal Masses” 2019
St. Petersburg General Hospital CME program
St. Petersburg, FL

“OB/GYN Career Opportunities after Residency” 2018
American College of Obstetrics and Gynecology District XII Conference
Miami Beach, FL

Local

“Update on Advanced GYN Imaging” 2021
Grand Rounds, Department of Obstetrics and Gynecology
University of South Florida, Morsani College of Medicine
Tampa, FL

“Ultrasound Evaluation of Adnexal Masses” 2017
Grand Rounds for Department of Obstetrics and Gynecology at
University of South Florida, Morsani College of Medicine
Tampa, FL

Faculty, Annual University of South Florida, James Ingram Mid-winter Seminar in Obstetrics and Gynecology 2003-2008

Clinical Activities

Imaged Based Gynecology Consultation Service 2005-present

Expert Sonologist
USF Physicians Group, Gynecologic Imaging
Tampa, FL

USF Physicians Group, Generalist Obstetrics and Gynecology 2001-2005
Tampa, FL

Elmhurst Hospital, Obstetrics and Gynecology 2000-2001
Attending physician

Scholarly Activity

Current studies

Title: Ultrasound-guided polypectomy: Evaluation of a novel 2020-present
technique to remove an endometrial polyp in the office.

Sponsor: unfunded

Protocol #: Pro 00040390

PI: Lauri Hochberg, MD **Role:** Principal Investigator

Title: Prospective validation and comparison of subjective assessment, 2018-present
the International Ovarian Tumour Analysis (IOTA) ADNEX model,
logistic regression model LR2, Simple Rules and the Risk of Malignancy
Index (RMI) for discrimination between benign and malignant adnexal
masses in the hands of ultrasound examiners with different levels of
expertise (IOTA7)

Sponsor: unfunded, Main center: University of Leuven, Belgium

Protocol #: Pro 00035255

PI: Lauri Hochberg, MD **Role:** Principal Investigator

Title: A multi-center, randomized study of the efficacy of ulipristal acetate 2018-present
(UPA) 30mg, levonorgestrel (LNG) 1.5mg, and LNG 3.0mg for emergency
contraception (EC) in women with weight equal or greater than 80Kg.

Sponsor: Health Decisions

Protocol #: Ext 00000478(0.01)

PI: Rachel Rapkin, MD **Role:** Investigator

Title: A multicenter international study to examine the short and long 2012-present
term outcomes of the conservative management of benign-looking
adnexal masses and the pre-operative characterization of ovarian
tumors (IOTA-5).

Sponsor: unfunded, Main center: University of Leuven, Belgium

Protocol #: Pro 00009001

PI: Lauri Hochberg, MD **Role:** Principal Investigator

Past Studies

Title: A phase 2b study to evaluate the safety and efficacy of Elagolix in 2013-2014
premenopausal women with heavy menstrual bleeding associated
with uterine fibroids.

Sponsor: AbbVie (formerly Abbott Laboratories)
Protocol #: M12-813
PI: Shayne Plosker, MD **Role:** Investigator

Title: Treatment of Endometrial Polyps: A Novel Approach for 2011-2013
Ultrasound Guided Polypectomy
Sponsor: unfunded
PI: Lauri Hochberg, MD **Role:** Principal Investigator

Title: A Phase 1, Open-Label Study of the Effects of Elagolix on 2011-2012
Ovarian Activity, Ovulation and Ovarian Reserve in Adult
Premenopausal Females.
Sponsor: Abbott Laboratories
Protocol #: M12-673
PI: Shayne Plosker, MD **Role:** Investigator

Title: Evaluation of Ca125 and HE4 assays to estimate the risk of 2009-2010
ovarian cancer in patients presenting to a general surgeon or
obstetrician/gynecologist with an adnexal mass.
Sponsor: Fujirebio Diagnostics, Inc
PI: Anna Parsons, MD **Role:** Investigator

Title: A comparative study of methods for tubal patency determination 2009-2010
and uterine cavity evaluation: Sonography with the FemVue™ Catheter
System vs Hysterosalpingography.
Sponsor: Femasys Inc.
PI: Anna Parsons, MD **Role:** Investigator

Title: A double-blind, randomized, placebo- and active-controlled 2009-2010
efficacy and safety study of the effects of Bazedoxifene/Conjugated
Estrogens combinations on endometrial hyperplasia and prevention
of osteoporosis in postmenopausal women.
Sponsor: Wyeth Research (now Pfizer)
Protocol # 3115A1-3307-WW
PI: Catherine Lynch, MD **Role:** Investigator

Title: A multinational, multicenter randomized double-blind parallel 2005
group, active controlled, comparative trial, to assess the endometrial
histological profile, following treatment with Tibolone (Org OD 14) versus
conjugated estrogen (CE) plus medroxyprogesterone acetate (MPA)
in postmenopausal women.
Sponsor: Organon USA, and Organon Oss, The Netherlands
Protocol #: 32972
PI: Anna Parsons, MD **Role:** Investigator

Title: A multicenter, randomized, parallel-group, double-blind, placebo- 2004-2005
controlled trial to evaluate the efficacy and safety of four different

doses of Org 50081 in the treatment of moderate to severe vasomotor symptoms associated with menopause.

Sponsor: Organon

Protocol #: 46101

PI: Anna Parsons, MD **Role:** Investigator

Title: Radioimmunodetection in Ovarian Cancer. 1995

Sponsor: University of Miami School of Medicine, Department of Gynecologic Oncology, Grant by the American Cancer Society

PI: Hervey Averette, MD **Role:** Research student

Title: Postoperative Use of Flumazenil. Influence of Priming with d-Tubocurarine on Neuromuscular Blocking Agents. 1991

Sponsor: University of Miami School of Medicine, Department of Anesthesiology

PI: George Bikhazi, MD **Role:** Research Assistant

Publications

Peer Reviewed

Stier EA, Freeman-Wang T, **Hochberg L**, Hummer A, Venkatraman E, Walker P. Using the Cone Biopsy to Compare Colposcopy Clinics in New York and London. *J Low Genit Tract Dis*, 2004; 8:106-111.

Froyman, Wouter & Landolfo, Chiara & De Cock, Bavo & Wynants, Laure & Valentin, Lil & Sladkevicius, Povilas & Testa, A.C. & Van Holsbeke, C & Bernardo, M & Epstein, Elisabeth & Domali, E & Leone, F & Franchi, D & Buonomo, Francesca & Fruscio, Robert & Coccia, M & **Hochberg, L** & Chiappa, Valentina & Alcazar, Juan & Timmerman, D. (2018). OC01.02: Balancing risks of surgery with risks of conservative management of benign adnexal masses: results from the postmenopausal follow-up arm of IOTA5. *Ultrasound in Obstetrics & Gynecology*. 52. 1-1. 10.1002/uog.19208.

Froyman W, Landolfo C, De Cock B, Wynants L, Sladkevicius P, Testa A, Van Holsbeke C, Domali E, Fruscio R, Epstein E, Dos Santos Bernardo MJ, Franchi D, Kudla MJ, Chiappa V, Alcazar JL, Leone F, Buonomo F, **Hochberg L**, Coccia ME, Guerriero S, Deo N, Jokubkiene L, Kaijser J, Coosemans A, Vergote I, Yvan Verbakel J, Bourne T, Van Calster B, Valentin L, Timmerman D. Risk of complications in patients with conservatively managed ovarian tumours (IOTA 5): a 2-year interim analysis of a multicentre, prospective, cohort study. *Lancet Oncology*. 2019 March. Volume 20, Issue 3: 448-458.

Tamhane N, McDowell M, Oliva M, Tanner JP, **Hochberg L**, Baker M, Imudia AN, Mikhail E. Association between preoperative adenomyosis detection rate during pelvic ultrasonography and the specialty of the reading physician. *J Minim Invasive Gynecol*. 2019 Apr 17. pii: S1553-4650(19)30193-1. doi: 10.1016/j.jmig.2019.04.015. [Epub ahead of print].

Book Chapters

Hochberg LS, Stone JL. Inheritance, prenatal diagnosis, and prevention of neural tube defects. In: UpToDate, Rose BD (Ed), UpToDate, Wellesley, MA, 2000. (split into two topics below)

Hochberg LS, Stone J. Prenatal screening and diagnosis of neural tube defects. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Author through 2017.)

Hochberg LS, Stone J. Folic acid supplementation in pregnancy. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Author through 2017.)

Hoffman MS, **Hochberg LS**. Patient Education: Ovarian Cysts (Beyond the Basics). In: UpToDate, Post TW(Ed), UpToDate, Waltham, MA. (Author from 2009 through 2012.)

Hochberg LS, Hoffman MS. Differential diagnosis of the adnexal mass. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Accessed on June, 2020)

Abstracts:

Oral Presentations:

Hochberg LS^o, Berkowitz RL, Goldman J, Naidich T, Saphier CJ. Prenatal Ultrasound and MRI Complement Each Other When Diagnosing Fetal Cranial Masses. American Institute of Ultrasound in Medicine conference, Orlando, FL, 3/2001.

Froyman W^o, Landolfo C, De Cock B, Wynants L, Valentin L, Sladkevicius P, Testa A, Fruscio R, Epstein E, Van Holsbeke C, Czekierdowski A, Dos Santos Bernardo F, **Hochberg L**, Rizzello F, Guerriero S, Aboulghar M, Domali E, Vergote I, Verbakel JY, Van Calster B, Timmerman D. Risk of complications in conservatively managed adnexal masses initially thought to be benign at subjective impression by ultrasound examiner. *Ultrasound Obstet Gynecol* 2017;50 (Suppl. 1): 1-47. Presented at the International Society for Ultrasound in Obstetrics and Gynecology World Congress meeting. Vienna, Austria, 2017.

Grimstad F, Fowler K, New E, Unger C, Pollard R, Chapman G, **Hochberg L**, Gomez-Lobo V, Gray M. Evaluation of Uterine Pathology in Transgender Men and Gender Nonbinary Persons on Testosterone. *Journal of Adolescent and Pediatric Gynecology* ABSTRACT ONLY. Volume 31, Issue 2, P217, April 1, 2018.

Froyman W^o, Landolfo C, De Cock B, Wynants L, Valentin L, Sladkevicius P, Testa A, Van Holsbeke C, Dos Santos Bernardo MJ, Epstein E, Domali E, Leone FP, Franchi D, Buonomo F, Fruscio R, Coccia ME, **Hochberg L**, Chiappa V, Alcazar JL, Kudla M, Guerriero S, Verbakel JY, Bourne T, Van Calster B, Timmerman D. Balancing risks of surgery with risks of conservative management of benign adnexal masses: results from the postmenopausal follow-up arm of IOTA5. Presented at the International Society for Ultrasound in Obstetrics and Gynecology World Congress meeting. Singapore, Japan, 2018.

Tamhane N^o, Oliva M, McDowell M, Tanner JP, **Hochberg L**, Baker M, Imudia AN, Mikhail E. Association between ultrasound detection of adenomyosis and the specialty of the reading physician. The 47th AAGL Global Congress of Minimally Invasive Gynecology. Las Vegas, Nevada November, 2018

McDowell M^o, Tamhane N, Oliva M, Tanner JP, **Hochberg L**, Baker M, Imudia AN, Mikhail E. Association between uterine and patients' characteristics and ultrasound detection of adenomyosis. The 47th AAGL Global Congress of Minimally Invasive Gynecology. Las Vegas, Nevada November, 2018

Sarker P^o, **Hochberg L**. Ultrasound-Guided Polypectomy: Evaluation of a Novel Technique to Remove Endometrial Polyp in the Office. The 49th AAGL Virtual Global Congress on Minimally Invasive Gynecology. Video presentation. November, 2020.

^odenotes presenter

Service

International

_____ Co-chair: International Gynaecological Imaging Certificate Course International Society of Ultrasound in Obstetrics and Gynecology Virtual International Symposium	2021
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National

Journal peer reviewer: Journal of Ultrasound in Medicine	2020-present
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Abstract reviewer: Adnexa and Uterus abstract review committees. American Institute for Ultrasound in Medicine Annual Conventions	2019-present
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Journal peer reviewer: Journal of Gynecologic Surgery	2019-present
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Member, American Institute of Ultrasound in Medicine	2017-present
Fellow, American College of Obstetricians and Gynecologists	2002-present

Regional

_____ Member, Committee on Scientific Program Meetings American College of Obstetrics and Gynecology, District XII	2018-present
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Local

AMWA Virtual Networking Night University of South Florida, Morsani College of Medicine	2020
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Judge, Resident Research Day University of South Florida, Morsani College of Medicine Department of Obstetrics and Gynecology	2020
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University of South Florida, Morsani College of Medicine Search committee for the Director and Associate Dean of the School of Physical Therapy and Rehabilitation Sciences	2019
University of South Florida, Morsani College of Medicine Department of Obstetrics and Gynecology Program Evaluation Committee	2015-present
Tampa General Hospital Infection Prevention Committee	2015-2016
University of South Florida College of Medicine Department of Obstetrics and Gynecology Residency Advisory Committee	2014-2015
Tampa General Hospital Ethics Committee	2009-2010

Community Service

Understanding Endometriosis- Signs, Symptoms and Treatment Options Tampa General Hospital Community Webinar Endometriosis Awareness Month	3/22/2021
Women's Health Panel The Junior League of Tampa	2017
Consultant Gynecologist for Endangered Primates Busch Gardens, Tampa	2016-present
Volunteer Camp Physician for one week each summer Camp Coleman Cleveland, Georgia	2012-2016
"Your Daughter is Maturing" Tampa General Hospital community speaker Tampa, FL	2004-2015

Media Events

Health and Wellness Series: Ovarian Cancer Awareness Month USF Health Morsani College of Medicine shared on social media accounts, facebook, twitter 9/2019 https://www.facebook.com/usfhealth/videos/995284010813699/ https://www.facebook.com/usfhealth/videos/2551486074894431/ https://www.facebook.com/usfhealth/videos/383884212538720/	2019
"Detection of Adenomyosis - Does specialty matter?" <i>from MIGS FRONT PAGE</i> , recorded June 23, 2019, video podcast interview with Lauri Hochberg , MD and Emad Mikhail, MD.	2019

posted August 2019 via the Journal of Minimally Invasive Surgery (JMIG)
social media accounts (facebook, twitter) Twitter
Account: <https://twitter.com/aagljmig?lang=en>

Baier AD. "USF Health Gynecologists featured on journal's research 2019
paper 2019 video podcast." USF Health Morsani College of Medicine
Research Matters newsletter. August 2019.
[https://hscweb3.hsc.usf.edu/blog/2019/08/21/usf-health-gynecologists-
featured-on-journals-research-paper-video-podcast/](https://hscweb3.hsc.usf.edu/blog/2019/08/21/usf-health-gynecologists-featured-on-journals-research-paper-video-podcast/)

Baier AD. "'Watchful waiting' with routine ultrasound safer than 2019
removing benign ovarian cysts, study suggests." USF Health Morsani
College of Medicine Research Matters newsletter. May 2019.
<http://conta.cc/2H9qTNE>

The Wildlife Docs television show: Gorilla Special 2018

Bay News 9 Television Interview "Ultrasound compared to other April 8, 2015
Imaging Modalities for Gynecology"