# Gaby N Moawad

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gnmoawad@gmail.com DOB: June 8, 1976 Citizenship: Lebanese

### Education

George Washington University- Department of Obstetrics and Gynecology, 2011-2012

AAGL Minimally Invasive Gynecologic Surgery Fellowship

Washington, DC

George Washington University- Department of Obstetrics and Gynecology, 2007-2011

Obstetrics and Gynecology Residency

| Washington, DC

University of Balamand- Faculty of Medicine and Medical Sciences, 2003-2007

Obstetrics and Gynecology Residency

| Beirut, Lebanon

<u>Lebanese University- Faculty of Medicine, 1995-2002</u> *Doctor of Medicine* 

| Beirut, Lebanon

### **Employment**

The Center for Endometriosis and Advanced Pelvic Surgery, 2020-present
George Washington University School of Medicine and Health Sciences, 2012-2020
Associate Professor of Obstetrics and Gynecology

# Professional Registrations, Licenses, Certifications

Board Certified in Obstetrics and Gynecology, 2013-present VA, MD, DC Medical License, 2011-present

#### **Honors**

AAGL Best Basic Science Abstract, 2018 | Las Vegas, NV
AAGL- IRCAD Award for Best Gynecology paper, 2016 | Orlando, FL
Teaching Award at the Kane-King-Dodek Obstetrical Society, 2012 | Washington, DC
Superior Achievement Award for CREOG Best Score, 2007-2011 | Washington, DC
AAGL Award for Excellence in Endoscopic Procedures, 2011 | Hollywood, FL
Honorary Fellow at the Kane-King-Dodek Obstetrical Society, 2011 | Washington, DC
Holy Cross Hospital Chief Resident Award, 2011 | Washington, DC
Alpha Omega Alpha Medical Honor Society Nominee, 2009 | Washington, DC
Award for Best Resident Surgeon, 2008 | Washington, DC
Award for Resident of the Year, 2007 | Beirut, Lebanon

#### Societies

European Society for Gynaecological Endoscopy, 2020 to present Fellow of American College of Obstetrics and Gynecology, 2014 to present American Association of Gynecologic Laparoscopists, 2008 to present

### Administrative Duties & University Activities

AAGL Chair of Research Committee 2019 to present

Facts Views and Vision Journal Editorial Board 2018 to present

AAGL Chair of Robotics Special Interest Group, 2017 to 2018

AAGL Vice Chair of Robotics Special Interest Group, 2016 to 2017

AAGL Essentials in MIGS Curriculum Committee, 2015 to 2020

AAGL Publications Committee, 2015 to 2020

Board member of Institute of Surgical Excellence, 2015 to present

AAGL/ASRM Fellowship Co-Director, 2015 to 2020

Director of Robotic Gynecologic Surgery, GWUH, 2015 to 2020

Peer Review Committee, GWUH, 2015 to 2020

Residency Program Evaluation Committee, GWUH, 2015 to 2020

Journal of Minimally Invasive Gynecology AD-HOC Review Committee, 2011 to present

Administrative Chief Resident, GWUH, 2010-2011

Administrative Chief Resident, Balamand University, 2006-2007

### **Educational Achievements** | Courses Taught

GynFoch Meeting 2020 | Paris, France

Advanced Hysterectomy Course 2020 | Strasbourg, France

24<sup>th</sup> Anuual Course of Obstetrics and Gynecology 2020 | Kuwait City, Kuwait

Intuitive European Sales Meeting 2020 | Paris, France

Louvain University Annual meeting, 2019 | Brussels, Belgium

Ductch meeting of Gynecology 2019 | Amsterdam, Netherlands

Advanced Robotic Myomectomy Course 2019 | Atlanta, GA

AAGL Global Congress: Robotic Cadaveric Lab 2019 | Vancouver, Canada

Danish Gynecology Meeting 2019 | Kolding, Denmark

ESGE meeting 2019 | Thessaloniki, Greece

Advanced Hysterectomy Course 2019 | Paris, France

9<sup>th</sup> Annual Gynecologic Robotic Conference 2019 | Baltimore, MD

Advanced Hysterectomy Course 2019 | Strasbourg, France

AAGL Fellowship Bootcamp, Chair of Robotic Lab, 2019 | Phoenix, AZ

Advanced Robotic Myomectomy Course 2019 | Atlanta, GA

Harvard Medical Course | Boston, MA

AAGL Global Congress: Robotic Cadaveric Lab 2018 | Las Vegas, NV

Advanced Robotic Myomectomy Course 2018 | Houston, TX

BNL Robotic Gyn Symposium, 2018 | Brussels, Belgium

8<sup>th</sup> Annual Minimally Invasive Robotic Course, 2018 | Baltimore, MD

1<sup>st</sup> Nordic Robotic Workshop SOS, 2018 | Stockholm, Sweden

Masters Course in Robotic Surgery, Rene Descartes University, 2018 | Paris, France

Robotic Surgery Workshop Skane University 2018 | Lund, Sweden

2018 and Beyond: Advancements in Robotic Surgery 2018 | Newport Beach, CA

Peer to peer in robotic surgery, 2018 | Dallas, TX

AAGL Global Congress: Chair of Robotic Didactic, 2017 | National Harbor, DC

7<sup>th</sup> Annual Minimally Invasive Robotic Course, 2017 | Baltimore, MD

dV 360 innovators Summit, 2017 | Miami, FL

Peer to peer in robotic surgery, 2017 | NYC, NY

AAGL Fellowship Bootcamp, Chair of Robotic Lab, 2017 | NYC, NY

Advanced Robotic Course, Rene Descartes University, 2017 | Paris, France

Advanced Robotic Course, Pitie Salpetriere, 2017 | Paris, France

AAGL Fellows Advanced Robotic Workshop, Didactic and Cadaveric lab, 2017 | Atlanta, GA

NYU Advanced Robotic Gynecologic Surgery, 2016 | NYC, NY

### **Educational Achievements**

AAGL Fellowship Bootcamp, Chair of Robotic Lab, 2016 | Orlando, FL AAGL Global Congress: Chair of Robotic Cadaveric Lab, 2016 | Orlando, FL Intuitive National Executive Session, Building a Successful Robotic Program, 2016 | Boston, MA dV 360 innovators Summit, 2016 | San Diego, CA AAGL World Robotic Congress, 2016 | NYC, NY Workshop on Hot Topics in Robotic Gynecologic Surgery, 2016 | Minneapolis, MN Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2016 | Winston, NC Intuitive National Executive Session, Cost Containment in robotic surgery: The GW story, 2016 Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | York, PE Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Baltimore, MD Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Raleigh, NC Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Columbia, SC Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Richmond, VA Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Atlanta, GA Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Tampa, FL Workshop on Approaches to Tissue Containment and Extraction in MIGS, 2015 | Palm Beach, FL Robotic Surgery, Masters Course, 2015 | Orlando, FL AAGL Hysteroscopy Course, Diagnostic and Operative Hysteroscopy, 2013 | Virginia Beach, VA Ethicon EndoSurgery, Residents in Minimally Invasive | Cincinnati, OH Gynecologic Surgery Program, 2012 Ethicon EndoSurgery, Residents in Minimally Invasive | Cincinnati, OH Gynecologic Surgery Program, 2011

# **Consultant Appointments**

Intuitive Surgical, Speaker, 2015- Present Applied Medical, Speaker, 2015- 2017

# **Consultant Appointments**

2019 <u>\$ 244,961</u> | Intuitive Surgical **Co PI** Phase 2 Safety and Efficacy Study of IS-001 in patient undergoing benign hysterectomy using Firefly Fluorescent Imaging

2019 <u>\$44,600</u> | Intuitive Surgical **Co PI** Economic Analysis for Benign Hysterectomy

2019 <u>\$ 275,000</u> | NIH/NICHD **Co-PI** Using EV-microRNAs to identify a non-invasive biomarker of uterine fibroid outcomes

2019 <u>\$ 92,382</u> | AVANOS **PI** The impact of the continuous infusion of intraperitoneal analgesics on postoperative pain after minimally invasive hysterectomy

2018 <u>\$10,000</u> | AAGL **PI** Reward Program for Returning Narcotics After a Minimally Invasive Hysterectomy

2017 \$15,000 | GW Cancer Center Co-PI Environmental genomics of uterine leiomyomas 2017 \$90,000.00 | Co-PI Endocrine Disrupting chemicals, uterine fibroids growth and novel

epigenetic pathways

2016 <u>\$100,000.00</u> | **CO- PI** intuitive Surgical Robotic Simulator: one-year free Robotic Simulator to GW to help training residents and fellows

2015 \$15,000.00 | PI Boston Scientific Independent Medical Education Program Grants Applied for funding to support project entitled "The Advanced Workshop on Gynecologic Laparoscopic Anatomy and Vaginal Surgery."

2015 \$10,015.00 | PI George Washington University Graduate School of Education and Human Development Education Grant for the "Proficiency Based Robotics Training Curriculum: Skill Acquisition & Transferability of Skills to Live Porcine Models."

2014 \$50,000.00 | Milken Institute SPH Springboard Grants Program: **CO-PI** Pathways to NIH finding

Funding awarded to support project entitled, "Environmental genomics of uterine leiomyomas (fibroid tumors)," A collaborative 1-year pilot study between the School of Medicine, School of Public Health, and the Ob/Gyn department of the Medical Faculty Associates.

2014 \$5,000.00 | Co-PI Clinical and Translational Science Institute at Children's National (CTSI-CN Clinical Studies Resource (CSR) Voucher Award Program Funding awarded to support project entitled, "Use of intravenous tranexamic acid during myomectomy: A randomized double-blind placebo controlled trial."

2014 <u>\$14,300.00</u> | **PI** Boston Scientific Independent Medical Education Program Grants Applied for funding to support project entitled "The Advanced Workshop on Gynecologic Laparoscopic Anatomy and Vaginal Surgery."

2014 \$94,012.35 | Gynesonics, INC. sponsored research project entitled, "Evaluation of the Gynesonics System for Transcervical Treatment of Symptomatic Uterine Fibroids with Radiofrequency Ablation under Integrated Intrauterine Sonography Guidance, CO-PI

#### **Publications**

Jordan Klebanoff, Paul Tyan, Moena Nishikawa, Alexandra North, Jamil M Kazma, **Gaby N Moawad**. Cost Variance Across Obesity Class For Women Undergoing Laparoscopic Hysterectomy by High-Volume Gynecologic Surgeons. J Robot Surg March 2020

Jessica Opolu-Anane, Maria V Vargas, Cherie Q Marfori, **Gaby Moawad**, Marloes S Maassen, James K Robinson. Intraoperative Tranexemic Acid to Decrease Blood Loss During Myomectomy: A Randomized Double-Blind Placebo Controlled Trial. Am J Obstet Gynecol March 2020

Lisbi Rivas, Tammy Ju, Madelyn Hernandez, Andrew Sparks, Kyra Folkert, Vincent Butano, **Gaby N Moawad**, Jordan S Klebanoff, Babak Sarani, Stephen Gondek. Current Management of Gynecologic Trauma, J Gynecol Hum Reprod March 2020

Paul Tyan, Ali Taher, Erin Carey, Richard Amdur, Cole Messersmith, Hannah N Robinson, Alex Gu, Maria V Vargas, **Gaby N Moawad**. Effect of Perioperative Transfusion on Postoperative Morbidity Following Minimally Invasive Hysterectomy for Benign Indications. J Minim Invasive Gynecol Jan 2020

**Gaby Moawad**, Daniel Park, Marloes Maassen, Anja Frost, Paul Tyan, Predictors of Overnight Admission After Laparoscopic Myomectomy in a High-Volume Minimally Invasive Gynecologic Surgery Setting. J Minim Invasive Gynecol Jan 2020

Ami R Zota, Ruth J Geller, Brianna N VanNoy, Cherie Q Marfori, Sana Tabbara, Lisa Y Hu, Andrea A Baccarelli, **Gaby N Moawad**. Phtalate Exposures and MicroRNA Expression in Uterine Fibroids: The FORGE Study. Epigenetics Insights Feb 2020

Azais H, Moawad G, Uzan C, Canlorbe G, Belghiti J. Perceptions, Relationship, and management of morbidly obese patients and the role of robotic surgery. Obes Surg Oct 2019

Tyan P, Klebanoff J, Smith S, Amdur R, North A, Maassen MS, **Moawad GN**. Perioperative narcotic trends in women undergoing a minimally invasive myomectomy. J Minim Invasive Gynecol Oct 2019

Tyan P, Taher A, Carey E, Sparks A, Radwan A, Amdur R, Tamim H, Gu A, Robinson H, **Moawad GN**. The effect of anemia severity on postoperative morbidity among patients undergoing laparoscopic hysterectomy for benign indications. Acta Obstet Gynecol Scand Aug 2019

Wu C, Goldstein A, Klebanoff J, **Moawad GN**. Surgical management of neuroproliferative-associated vestibulodynia: a tutorial on vestibulectomy with vaginal advancement flap. Am J Obstet Gynecol Aug 2019

Moawad G, Tyan P, Louie M. Artificial intelligence and augmented reality in gynecology. Curr Opin Obstet Gynecol June 2019

Corrigan KE, Vargas MV, Robinson HN, Gu A, Wei C, Tyan P, Singh N, Tappy EE, **Moawad GN**. Impact of Diabetes Mellitus on Postoperative Complications Following Laparoscopic Hysterectomy for Benign Indications. Gynecol Obstet Invest June 2019

Marguiles SL, Vargas MV, Denny K, Sparks AD, Marfori CQ, **Moawad G**, Amdur RL. Comparing benign laparoscopic and abdominal hysterectomy outcomes by time. Surg Endosc June 2019

Klebanoff JS, Marfori CQ, Ingraham CF, Wu CZ, **Moawad GN**. Applications of Tranexamic acid in benign gynecology. Curr Opin Obstet Gynecol Aug 2019

Graham A, Chen S, Skancke M, **Moawad G**, Obias V. A review of deep infiltrative colorectal endometriosis treated robotically at a single institution. Int J Med Robot May 2019

Vargas MV, Larson KD, Sparks A, Marguiles SL, Marfori CQ, **Moawad G**, Amdur R. Association of operative time with outcomes in minimally invasive and abdominal myomectomy. Fertil Steril June 2019

Tyan P, Amdur R, Berrigan M, Robinson H, Sparks A, Gu A, Wei C, Klebanoff J, **Moawad G**. Differences in Postoperative Morbidity among Obese Patients Undergoing Abdominal Versus Laparoscopic Hysterectomy for Benign Indications. J Minim Invasive Gynecology April 2019

Moawad G, Park D, Massen M, Frost A, Tyan P. Predictors of Overnight Admission After Laparoscopic Myomectomy in a High-Volume Minimally Invasive Gynecologic Surgery Setting. J Minim Invasive Gynecology March 2019

Wu CZ, Klebanoff JS, Tyan P, **Moawad GN**. Review of strategies and factors to maximize cost-effectiveness of robotic hysterectomies and myomectomies in benign gynecological disease. J Robot Surg March 2019

Tyan P, Robinson J 3rd, Dandapani M, Li J, Gu A, **Moawad GN**. Novel Approach for 2-Port Laparoscopic Hysterectomy. Surg Innov March 2019

Moawad G, Tyan P, Rahman S. Double Standard or Double-Blinded? An Argument for All Peer-Reviewed Scientific Journals. J Minim Invasive Gynecol. Mar 2019

Vargas MV, Larson KD, Sparks AD, Margulies S, Marfori CQ, **Moawad GN**, Amdur RL. The Association of Operative Time with Outcomes in Minimally Invasive and Abdominal Myomectomy. Fert Steril May 2019

Ada Graham, Sheena Chen, Mathew Skancke, **Gaby Moawad**, Vincent Obias. A Review of Deeply Infiltrative Colorectal Endometriosis Treated Robotically at a Single Institution. IJMRCAS 2019 in press

Vargas MV, Kathryn D, Sparks AD, Marfori CQ, **Moawad GN**, Amdur RL. Comparing benign laparoscopic and abdominal hysterectomy outcomes by time. Surg Endo 2019 in press

Tyan P, Robinson J, Dandapani M, Li J, Gu A, **Moawad G**. Novel Approach for Two-port Laparoscopic Hysterectomy. Surg Innov 2019 in press

Galvis JN, Vargas MV, Robinson HN, Tyan P, Gu A, Wei C, Janakiram N, **Moawad G**. Impact of Chronic Obstructive Disease on Laparoscopic Hysterectomy Outcome. JSLS Jan 2019.

Moawad GN, Tyan P, Paek J, Tappy EE, Park D, Choussein S, Srouji SS, Gargiulo A. Comparison between single-site and multiport robot-assisted myomectomy. J Robot Surg Jan 2019

Moawad G, Tyan P, Marfori C, Abi Khalil E, Park D. Effect of Postoperative Partial Bladder Filling After Minimally Invasive Hysterectomy on Post Anesthesia Care Unit Discharge and Cost: A Single-Blinded Randomized Controlled Trial. Am J Obstet Gynecol Jan 2019

Tyan P, Moura J, Wright B, Winter M, Garza D, Smith R, Brink J, Wei C, **Moawad G**. Robot-assisted transabdominal cerclage for the prevention of preterm birth: A multicenter experience. Eur J Obstet Gynecol Reprod Biol Jan 2019

Zota AR, Geller RG, Calafat AM, Marfori CQ, Baccarelli AA, **Moawad GN**. Phthalates exposure and uterine fibroid burden among women undergoing surgical treatment for fibroids: a preliminary study. Fertil Steril Jan 2019

Moawad GN, Tyan P, Awad C. Technique for Tissue Containment and Extraction in the Complex Minimally Invasive Myomectomy Setting. J Minim Invasive Gynecol, Oct 2018

Jessica Opoku-Anane, Paul Tyan, Jordan S Klebanoff, Jensara Clay, **Gaby N Moawad**, Postoperative Hormonal Suppression for Prevention of Deeply Infiltrative Endometriosis Recurrence After Surgery. Current Obstetrics and Gynecology Reports Sept 2018

Moawad GN, Tyan P, Awad C, Abi Khalil ED. Surgical Variance Between Post-Conceptional and Pre-Conceptional Minimally Invasive Trans-Abdominal Cerclage Placement. Am J Obstet Gynecol Jul 2018

Moawad GN, Tyan P, Vargas V, Park D, Young H, Marfori C. Predictors of Overnight Admission after Minimally Invasive Hysterectomy in the Expert Setting. J Minim Invasive Gynecol, April 2018

Moawad GN, Tyan P, Khalil EDA. Two-port robotic hysterectomy: a novel approach J Robot Surg, May 2018

Moawad GN, Tyan P, Corpodean F, Robinson J. Ethical Considerations Arising from Surgeon Caseload Volume in Benign Gynecologic Surgery J Minim Invasive Gynecol, March 2018

Moawad G, Liu E, Song C, Fu AZ Movement to Outpatient Hysterectomy for Benign Indications in the United States 2008-2014 PLoS One, Dec 2017

Moawad GN, Tyan P, Abi Khalil ED, Samuel D, Obias V Multidisciplinary Resection of Deeply Infiltrative Endometriosis J Minim Invasive Gynecol, Nov 2017

Moawad GN, Tyan P, Abi Khalil ED, Broeke T, Gimovsky A, Vargas MV, Marfori CQ Systematic Review of Transabdominal Cerclage Placed Via Laparoscopy for the Prevention of Preterm Birth J Minim Invasive Gynecol, Nov 2017.

Ito TE, Vargas MV, **Moawad GN**, Opoku-Anane J, Shu MK, Marfori CQ, Robinson JK 3rd., Minimally Invasive Hysterectomy for Uteri Greater Than One Kilogram, JSLS. Jan-Mar 2017, 2017 Mar

Vargas MV, Moawad GN, Denny K, Happ L, Misa NY, Margulies S, Opoku-Anane J, Abi Khalil E, Marfori C., Transferability of Virtual Reality, Simulation-Based, Robotic Suturing Skills to a Live Porcine Model in Novice Surgeons: A Single-Blind Randomized Controlled Trial., J Minim Invasive Gynecol, 2017 Mar

**GN Moawad**, J Krapf, D Kumar, P Tyan, E Abi Khalil, C Marfori, JK Robinson, Determining the Impact of External Stressors on Laparoscopic Skills Among Obstetrics and Gynecology Residents, JSURED, 2017 Mar

Vargas MV, Moawad GN, Sievers C, Opoku-Anane J, Marfori CQ, Tyan P, Robinson JK., Feasibility, Safety, and Prediction of Complications for Minimally Invasive Myomectomy in Women with Large and Numerous Myomata., J Minim Invasive Gynecol., 2017 Feb

Ito TE, Abi Khalil ED, Taffel M, Moawad GN., Magnetic resonance imaging correlation to intraoperative findings of deeply infiltrative endometriosis., Fertil Steril., 2017 Feb

Moawad GN, Abi Khalil ED, Tyan P, Shu MK, Samuel D, Amdur R, Scheib SA, Marfori CQ., Comparison of cost and operative outcomes of robotic hysterectomy compared to laparoscopic hysterectomy across different uterine weights., J Robot Surg., 2017 Jan

Moawad GN, Samuel D, Abi Khalil ED., Abdominal Approaches to Tissue Containment and Extraction in Minimally Invasive Gynecologic Surgery., J Minim Invasive Gynecol., 2016 Nov

Moawad GN, Abi Khalil ED, Samuel D., Robotic Cerclage in Advanced-stage Endometriosis., J Minim Invasive Gynecol, 2016 Nov

NovTE Ito, J Opoku-Anane, **GN Moawad**, C Marfori, M Taffel, JK Robinson, Diagnosis Of Deeply Infiltrative Endometriosis: Accuracy of a Specific Magnetic Resonance Imaging Protocol, Medical Sciences, 2016 Oct

Moawad GN, Abi Khalil ED, Silverbrook C, Barak S, Semerjian A, Phillips M., Urethral Solitary Fibrous Tumor: A Rare Patholgic Diagnosis of a Periurethral Mass., Case Rep Obstet Gynecol., 2016 Aug

Tyan P, Abi-Khalil E, Dwarki K, **Moawad GN**., First Described Case of Group B Streptococcus Pelvic Abscess in a Patient with No Medical Comorbidities., Case Rep Obstet Gynecol., 2016 Jul

Abi Khalil ED, Mufarrij SM, **Moawad GN**, Mufarrij IS, Spontaneous Bilateral Ectopic Pregnancies, The Journal of Reproductive Medicine, 2016 May

Moawad GN, Abi Khalil ED, Samuel D, Tips and Tricks: Singe Site Robotic Assisted Myomectomy, The Journal of Minimally Invasive Gynecology, 2016 Apr

Moawad GN, Abi Khalil ED, Samuel D, Robotic Cerclage in Advanced Stage Endometriosis, The Journal of Minimally Invasive Gynecology, 2016 Apr

Abi Khalil ED, Moawad GN, Asherman Syndrome, Topics in Obstetrics & Gynecology, 2016 Mar

**Moawad GN**, Abi Khalil ED, A Case of Recurrent Rudimentary Horn Ectopic Pregnancies Managed by Methotrexate Therapy and Laparoscopic Excision of Rudimentary Horn, Case Rep Obstet Gynecol, 2016 Feb

Moawad GN, Abi Khalil ED, Opoku-Anane J, Marfori CQ, Harman AC, Fisher S, Levy M, Robinson JK, Comparison of methods of morcellation: manual versus power, Acta Obstet Gynecol Scand, 2016 Jan

Moawad GN, Von Walter Gonzalez A. Management of urinary tract injuries in minimally invasive gynecologic surgery. Postgraduate Obstetrics & Gynecology, volume 33, Feb 2013.

Robinson J.K., **Moawad GN**. Ins and Outs of straight-stick laparoscopic myomectomy, OBG Management, September 2012

Obican S, Moawad GN, Robinson J.K. Prophylactic laparoscopic abdominal cerclage: Tips for success. Contemporary OBGYN May 2012

E Lucas, P Branton, F Mecklenburg, **G Moawad**. Ectopic Breast Fibroadenoma of the Vulva. Obstetrics and Gynecology, August 2009

# **Chapters in Books**

**Gaby N Moawad,** Savannah Smith, Jordan Klebanoff. The US Perspective of Benefit of Minimally Invasive Surgery: Why is This Important now? Robotic Surgery 2<sup>nd</sup> edition

**Gaby Moawad**, MD;Tracy Ito, MD; Andrew Goldstein, MD, Surgery for Vulvovaginal Pain Disorders and Dyspareunia, Urological and Gynaecological Chronic Pelvic Pain, Springer, April 2017

MV Vargas, **GN Moawad**, V Obias, M Aziz, The Robotic-Assisted Treatment of Endometriosis: A Colorectal perspective, Robotic Colon and Rectal Surgery, Springer International, 2017

**G Moawad**, N Gaba, A 29-year-old woman with secondary amenorrhea after a septic abortion, Chelmow, Isaacs & Carrol: Acute care and emergency gynecology, 2014

Dayal MB, Hawa N, Moawad G, Reproductive Surgery: Technique and reproductive outcomes, Infertility Management and Treatment, 2011

Lara J. Burrows, Gail R. Goldstein, **Gaby N. Moawad**, Rochele Torgerson, Evaluation and Management: Vulvar Dermatoses as a Cause of Dyspareunia, Female Sexual Pain Disorders, 2009 Apr

# **Abstracts in Conference Proceedings**

JS Klebanoff, S Smith, A Sparks, A North, R Amdur, **GN Moawad**. Perioperative Narcotic Trends in Women Undergoing Minimally Invasive Hysterectomy for Benign Disease. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

JS Klebanoff, P Tyan, S Smith, A North, A Sparks, R Amdur, **GN Moawad** Feasibility and Surgical Outcomes Associated With Reduced-Port Robotic Assisted Hysterectomy. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

CZ Wu, A Goldstein, JS Klebanoff, **GN Moawad**. Vulvar Vestibulectomy with Vaginal Advancement Flap for Neuroproliferative Vulvodynia. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

Rahman S, Klebanoff JS, Nishikawa M, North A, **G Moawad**. Private vs. Public: How Insurance Type Impacts Patient's 'No-Show' Appointment Rates and Time to Surgery. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

NV Clark, P Maghsoudlou, KJ Moore, A North, MO Ajao, JI Einarsson, M Louie, LD Schiff, **G Moawad**, SL Cohen, E Carey Superior Hypogastric Plexus Block for Pain Relief After Laparoscopic Hysterectomy: A Randomized Controlled Trial. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

JS Klebanoff, S Smith, A Sparks, A North, R Amdur, **GN Moawad**. Perioperative Narcotic Trends in Women Undergoing Minimally Invasive Myoemctomy. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

JS Klebanoff, CQ Marfori, MV Vargas, CZ Wu, **GN Moawad**. Resident Preparedness for Minimally Invasive Gynecologic Surgery: A Nationwide Survey of Senior Ob/Gyn Residents. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

CZ Wu, P Urbina, JS Klebanoff, GN **Moawad GN**. Surgical Pelvic Neuroanatomy: An Overview of Commonly Encountered Nerves in Benign Gynecologic Surgeries and Safe Dissection Techniques. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

CZ Wu, **GN Moawad**, Partial Cystectomy for Deeply Infiltrative Endometriosis of the Bladder with Cystotomy Repair. 48<sup>th</sup> AAGL Global Congress of Minimally Invasive Gynecology. Vancouver B.C. 2019 Nov

**GN Moawad**, P Tyan, J Klebanoff, K O'Leary. Impact of Obesity on Cost of Hysterectomy Performed by Fellowship Trained Minimally Invasive Gynecologic Surgeons. SGS 45th Annual Scientific Meeting AZ 2019 March

**GN Moawad**, P Tyan, E Abi Khalil, A Sparks, R Amdur. The Difference in Burnout Between Millennials and Non-millennials Among Gynecologic Surgeons. SGS 45th Annual Scientific Meeting AZ 2019 March

**GN Moawad**, P Tyan, A Gu, A Sparks, R Amdur. Effect of Perioperative Transfusion on Postoperative Morbidity Following Minimally Invasive Hysterectomy. SGS 45th Annual Scientific Meeting AZ 2019 March

**GN Moawad**, P Tyan, A Gu, E Tappy, C Wei. Burnout among Members of the American Association of Gynecologic Laparoscopists. AAGL 2018 Global Congress, 2018 Nov

P Tyan, D Park, T Gilmore, **GN Moawad**. Cost-Savings Associated with Partial Bladder Filling after Hysterectomy. AAGL 2018 Global Congress, 2018 Nov

P Tyan, A Gu, **GN Moawad**. The Effect of Preoperative Anemia on Morbidity Following Laparoscopic Hysterectomy. AAGL 2018 Global Congress, 2018 Nov

P Tyan, J Mourad, M Winter, **GN Moawad**. Robot-Assisted Transabdominal Cerclage in the Prevention of Preterm Birth. AAGL 2018 Global Congress, 2018 Nov

HN Robinson, C Wei, A Gu, P Tyan, KE O'Sullivan, **GN Moawad**. Impact of Preoperative Smoking Status on Postoperative Complications Following Laparoscopic Hysterectomy. AAGL 2018 Global Congress, 2018 Nov

J Opoku-Anane, MV Vargas, CQ Marfori, **GN Moawad**, MS Maassen, JK Robinson. Use of Intravenous Tranexamic Acid to Decrease Blood Loss During Myomectomy: A Randomized Double-Blind Placebo Controlled Trial. AAGL 2018 Global Congress, 2018 Nov

J Opoku-Anane, SL Cohen, KN Wright, W Zhang, P Tyan, **GN Moawad**. Effect of Minimally Invasive Surgery Fellowship Training and Surgeon Volume on Hysterectomy Outcomes: a Multicenter Study. AAGL 2018 Global Congress, 2018 Nov

Tyan P, Moura J, Wright B, Winter M, Garza D, Smith R, Brink J, Wei C, **Moawad G**. Robot-assisted transabdominal cerclage for the prevention of preterm birth. Society of European Robotic Gynecology 10<sup>th</sup> Annual Meeting Milan Italy 2018 September

**Gaby Moawad** MD, Alex Antaris, PhD, Kathy Huynh, Tania Tariq, Sam Huang, Bon Carlo Tadios, Kyle Miller, MD, MBA, Jonathan Sorger, PhD. Augmented Reality To Improve Spatial Awareness In gynecologic surgery. Society of European Robotic Gynecology 10<sup>th</sup> Annual Meeting Milan Italy 2018 September

**G Moawad,** P Tyan, Awad C, Park D Tips and Tricks in Tissue Containment and Extraction in Minimally Invasive Myomectomy. Society of European Robotic Gynecology 10<sup>th</sup> Annual Meeting Milan Italy 2018 September

**G Moawad,** P Tyan, Park D. Predictors of inpatient admission after robot-assisted and laparoscopic myomectomy. Society of European Robotic Gynecology 10<sup>th</sup> Annual Meeting Milan Italy 2018 September

**G Moawad,** P Tyan, Park D. Robot-assisted Myomectomy: Comparison Between the Three-Port and Multiport techniques. Society of European Robotic Gynecology 10<sup>th</sup> Annual Meeting Milan Italy 2018 September

Ami R. Zota, Ruth J. Geller, Antonia Calafat, Cherie Q. Marfori, **Gaby Moawad**, Environmental Phthalates Exposure and Measures of Uterine Fibroid Size, Beyond Gynecologic Surgery, Clermont Ferrand, France 2018

**G Moawad,** E Abi Khalil, P Tyan. Predictors of Overnight Stay after Minimally Invasive Hysterectomy and Myomectomy, Beyond Gynecologic Surgery, Clermont Ferrand, France 2018

**G Moawad,** M Winters, E Abi Khalil, H Young, D Park, P Tyan. Safety and Efficiency of Robot-Assisted Transabdominal Cerclage in the Prevention of Preterm Birth. Beyond Gynecologic Surgery, Clermont Ferrand, France 2018

**G Moawad,** E Abi Khalil, P Tyan. Predictors of inpatient admission after robot-assisted and laparoscopic myomectomy, SGS 44th Annual Scientific Meeting Orlando 2018 March

**G Moawad,** E Abi Khalil, P Tyan. Robot-assisted Myomectomy: Comparison Between the Three-Port and Multiport techniques. SGS 44th Annual Scientific Meeting Orlando 2018 March

**G Moawad,** M Winters, E Abi Khalil, H Young, D Park, P Tyan. Safety and Efficiency of Robot-Assisted Transabdominal Cerclage in the Prevention of Preterm Birth. SGS 44th Annual Scientific Meeting Orlando 2018 March

**G Moawad,** E Abi Khalil, P Tyan. Robot-assisted Hysterectomy: Comparison Between the Three-Port and Multiport Techniques Across Uterine Weights. SGS 44th Annual Scientific Meeting Orlando 2018 March

MM Pacis, JP Lenihan, E Abi Khalil, TQ Huynh, MM Rieger, MT Breen, G Makai, **G Moawad**, Quantifying Critical Components Predictive of Surgical Complexity and Operative Times for Total Laparoscopic Hysterectomy- A Multicenter Study. AAGL 2017 Global Congress, 2017 Nov

P Tyan, E Abi Khalil, MV Vargas, C Marfori, **G Moawad**, The Benefits of Robotic-Assisted Transabdominal Cerclage on Pregnancy Outcomes in High Risk Women. AAGL 2017 Global Congress, 2017 Nov

P Tyan, E Abi Khalil, MV Vargas, C Marfori, **G Moawad**, Effect of Tumor Burden on Safety and Feasibility of Three-Port Robotic-Assisted Myomectomy. AAGL 2017 Global Congress, 2017 Nov

**G Moawad**, E Liu, C Song, S Tackett, A Fu, Preoperative Factors and Surgical Routes for Outpatient Migration of Benign Hysterectomy in Unites States 2008-2014. AAGL 2017 Global Congress, 2017 Nov

T Gilmore, **G Moawad**, E Abi Khalil, C Marfori, MV Vargas. A Comparison of Voiding Times and PACU Length of Stay After Hysterectomy and Myomectomy Based on Bladder Volume. AAGL 2017 Global Congress, 2017 Nov

P Tyan, E Abi Khalil, MV Vargas, C Marfori, **G Moawad**, Safety and Feasibility of Three-Port Robotic Hysterectomy: Across Uterine Weights. AAGL 2017 Global Congress, 2017 Nov

P Tyan, ED Abi Khalil, **G Moawad**, Two Port Robotic Hysterectomy: A Novel Approach. AAGL 2017 Global Congress, 2017 Nov

J Ton, C Marfori, E Abi Khalil, **G Moawad**, A Comparison between Laparoscopic and Robotic Hysterectomy in Obese Patients: Effects on Cost, Operating Time and Estimated Blood Loss. AAGL 2017 Global Congress, 2017 Nov

MV Vargas, R Amdur, CQ Marfori, **GN Moawad**, Surgical Outcomes of Minimally Invasive and Abdominal Procedures for Endometriosis. AAGL 2017 Global Congress, 2017 Nov

H Young, ED Abi Khalil, P Tyan, DE Park, MV Vargas, CQ Marfori, **GN Moawad**, Predictors of Post-Operative Admission for Minimally Invasive Myomectomies. AAGL 2017 Global Congress, 2017 Nov

H Young, ED Abi Khalil, P Tyan, DE Park, MV Vargas, CQ Marfori, **GN Moawad**, Predictors of Post-Operative Admission for Minimally Invasive Hysterectomies. AAGL 2017 Global Congress, 2017 Nov

H Young, P Tyan, E Abi Khalil, MV Vargas, CQ Marfori, **GN Moawad**, Reduced Port Robotic Myomectomy: Feasibility and Safety ASRM 2017, 2017 September

H Young, P Tyan, E Abi Khalil, MV Vargas, CQ Marfori, **GN Moawad**, Predictors of Postoperative Admissions for Minimally Invasive Myomectomies ASRM 2017, 2017 September

EE Tappy, **G Moawad**, E Abi Khalil, J Paek, Alternatives to Hysterectomy in Surgical Management of Uterine Fibroids: An Equivalence Analysis of Single Site and Multiport Myomectomy ASRM 2017, 2017 September

**GN Moawad**, Tappy E, Paek J, E Abi Khalil, P Tyan, Single-Site and Multiport Robotic Assisted Myomectomy: An Analysis of Equivalence, Society of European Robotic Gynecology 8<sup>th</sup> Annual Meeting Lille France 2017 June

**GN Moawad**, E Abi Khalil, P Tyan, Robotic-Assisted Transabdominal cerclage: Obstetrical Benefits, Society of European Robotic Gynecology 8<sup>th</sup> Annual Meeting Lille France 2017 June

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**GN Moawad**, E Abi Khalil, P Tyan, Reduced Port Robotic Myomectomy: Feasibility and Safety, Society of European Robotic Gynecology 8<sup>th</sup> Annual Meeting Lille France 2017 June

**GN Moawad**, E Abi Khalil, P Tyan, The Two Port Robotic Hysterectomy: A Novel Approach to Minimally Invasive Hysterectomy Society of European Robotic Gynecology 8<sup>th</sup> Annual Meeting Lille France 2017 June

**GN Moawad**, E Abi Khalil, P Tyan, A Multidisciplinary Approach to Deeply Infiltrative Endometriosis, Society of European Robotic Gynecology 8<sup>th</sup> Annual Meeting Lille France 2017 June

T Gilmore, E Abi Khalil, **GN Moawad**, The Effect of Partial Bladder Filling on Post-operative Time to Void in Minimally Invasive Gynecologic Procedures, 2017 ACOG Annual Clinical and Scientific Meeting, 2017 May

**GN Moawad**, E Liu, C Song, J Lanvin, S Tackett, A Fu, Preoperative Factors and Surgical Routes for Outpatient Migration of Benign Hysterectomy, 2017 ACOG Annual Clinical and Scientific Meeting, 2017 May

P Tyan, E Abi Khalil, **GN Moawad**, New Case-Complexity Score for Benign Minimally Invasive Hysterectomy- One Step Beyond the Current CPT Codes, 2017 ACOG Annual Clinical and Scientific Meeting, 2017 May

**GN Moawad**, J Krapf, P Tyan, D Chahjwani, JK Robinson, Determining the Impact of External Stressors on Laparoscopic Skills Among Obstetrics and Gynecology Residents, 2017 ACOG Clinical and Scientific Meeting, 2017 May

**GN Moawad**, E Liu, C Song, J Lanvin, S Tackett, A FU, Preoperative Factors and Surgical Routes for Outpatient Migration of Benign Hysterectomy in United States, 2008-2014, SGS Annual Meeting 2017, 2017 Mar

**GN Moawad**, E Abi Khalil, MV Vargas, C Marfori, Cost and Operative Outcomes of Robotic Compared to Laparoscopic Hysterectomy for larger uteri, SGS 2017 Annual Meeting, 2017 Mar

**G Moawad**, R Amdur, P Tyan, E Abi-Khalil, J Robinson, New Case-Complexity Score for Benign Laparoscopic Hysterectomy, AAGL 2016 Global Congress, 2016 Nov

TA Gilmore, E Abi Khalil, **G Moawad**, The Effect of Partial Bladder Filling on Post-Operative Time to Void in Minimally Invasive Gynecologic Procedures, AAGL 2016 Global Congress, 2016 Nov

Maria V. Vargas, **Gaby N. Moawad**, Cem Sievers, Jessica Opoku-Anane, Cherie Q. Marfori, Paul Tyan, James K. Robinson, Feasibility, Safety, and Prediction of Complications for Minimally Invasive Myomectomy in Women with Large and Numerous Myomata., AAGL 2016 Global Congress, 2016 Nov

MV Vargas, **G Moawad**, K Denny, L Powers-Happ, S Margulies, Khalil E Abi, C Marfori, Proficiency Based Robotics Training Curriculum for Suturing Tasks: Transferability of Skills to a Live Porcine Model, AAGL 2016 Global Congress, 2016 Nov

JB Ton, E Abi-Khalil, M Shu, C Marfori, J Robinson, **G Moawad**, The Effect of Increased Surgical Volume on Surgical Outcomes in Robotic Myomectomy, AAGL 2016 Global Congress, 2016 Nov

AC Harman, E AbiKhalil, **G Moawad**, VM Vargas, C Marfori, J Ebert, Tissue Removal During Hysterectomy: The Effect of Vaginal versus Abdominal Morcellation on Surgical Outcomes, AAGL 2016 Global Congress, 2016 Nov

Khalil E Abi, **G Moawad**, M Shu, CW Marfori, R Amdur, D Samuel, Comparison of Cost and Operative Outcome of Robotic Hysterectomy Compared to Laparoscopic Hysterectomy Across Different Uterine Weights, AAGL 2016 Global Congress, 2016 Nov

P Tyan, Khalil E Abi, **G Moawad**, R Amdur, C Marfori, M Shu, J Lenihan, Complexicity Scoring System for Minimally Invasive Hysterectomy: A Validity Study, AAGL 2016 Global Congress, 2016 Nov

**G Moawad**, P Tyan, E Abi-Khalil, D Chhajwani, J Robinson, The Effect of Stress on Efficiency and Accuracy in Laparoscopic Skills Among Obstetrics and Gynecology Residents, AAGL 2016 Global Congress, 2016 Nov

MV Vargas, K Denny, S Margulies, R Amdur, **G Moawad**, Khalil E Abi, C Marfori, The Effect of Operative Time on Outcomes in Minimally Invasive and Abdominal Myomectomy: An Analysis of the American College of Surgeons' National Surgical Quality Improvement Program (ACS NSQIP), AAGL 2016 Global Congress, 2016 Nov

MV Vargas, S Margulies, K Denny, R Amdur, **G Moawad**, E Abi Khalil, C Marfori, Surgical Outcomes of Minimally Invasive and Abdominal Hysterectomy for Benign Indications by Operative Time: An Analysis of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP), AAGL 2016 Global Congress, 2016 Nov

Moawad GN, Song C, Lavin J, Tackett S, Liu E, The Adoption Trends of Robotic-Assisted Benign Hysterectomy in The United States from 2008 to 2014, ISPOR 7th Asia-Pacific Conference, 2016 Sep

Moawad GN, Song C, Lavin J, Tackett S, Liu E, Trends of Surgical Routes the Performance of Outpatient and Inpatient Benign Hysterectomy in The United States 2008-2014, Academy Health Annual Research Meeting, 2016 Jun

Moawad GN, Song C, Lavin J, Tackett S, Liu E, Trends of Surgical Routes the Performance of Outpatient and Inpatient Benign Hysterectomy in The United States 2008-2014, ISPOR 21st Annual International Meeting, 2016 May

- **G. Moawad**, E. Khalil, J. Opoku-Anane, A. Harman, S. Fischer, J.K. Robinson, C. Marfori Comparison of Methods of Tissue Extraction: Manual versus Power Morcellation., Poster presentation, Oral presentation at SGS 41<sup>st</sup> Annual Scientific Meeting, Orlando, FL, March 22-25, 2015.
- **G Moawad**, D Samuel Abdominal Approaches to Tissue Containment and Extraction in MIGS, Journal of Minimally Invasive Gynecology, November 2015
- **G Moawad**, D Samuel Tips and Tricks: Single-Site Robotic Myomectomy, Journal of Minimally Invasive Gynecology, November 2015
- **G Moawad**, E Abi Khalil, J Opoku-Anane, A Harman, C Marfori, M Levy, S Fisher, J Robinson Comparison of Methods of Morcellation: Manual Versus Power, Journal of Minimally Invasive Gynecology, November 2015
- J Opoku-Anane, NY Misa, M Li, MV Vargas, E Chidimma, JK Robinson, **G Moawad**, Simulation Based Robotics Training to Test Skill Acquisition and Retention Journal of Minimally Invasive Gynecology, November 2015
- J Opoku-Anane, MV Vargas, **G Moawad**, M Cherie, JK Robinson Use of Intravenous Tranexamic Acid During Myomectomy: A Randomized Double-Blind Placebo Controlled Trial Journal of Minimally Invasive Gynecology, November 2015
- TE Ito, M Vargas, J Opoku-Anane, M Shu, M Cherie, **M Gaby**, R James Laparoscopic Hysterectomies for Uteri Greater Than 1 Kilogram Journal of Minimally Invasive Gynecology, November 2015
- MV Vargas, JK Robinson, TD Schwab, J Opoku-Anane, CQ Marfori, **GN Moawad** Feasibility and Safety of a Minimally Invasive Surgical (MIS) Approach in Complex Myomectomies, Journal of Minimally Invasive Gynecology, November 2015
- MV Vargas, TD Schwab, JO-AQ Marfori, **GN Moawad**, CQ Marfori, JK Robinson Predictors of Hemorrhage and Transfusion for Women Undergoing Laparoscopic and Robotic-Assisted Myomectomy Journal of Minimally Invasive Gynecology, November 2015
- MV Vargas, TD Schwab, JK Robinson, J Opoku-Anane, CQ Marfori, **GN Moawad** Laparoscopic and Robotic Myomectomy: A Comparison of Cost and Perioperative Outcomes for Complex Cases, Journal of Minimally Invasive Gynecology, November 2015
- J. Opoku-Anane, **G Moawad**, T. Grant-Wisdom, R. Felfalan, J.K. Robinson Minimally Invasive Gynecologic Surgical Training and Surgeon Volume: Effects on Perioperative Outcomes Journal of Minimally Invasive Gynecology, November 2014
- E.A. Khalil, A.V. Gonzalez, C.Q. Marfori, J.K. Robinson III, **G. Moawad**, J. Opoku-Anane Assessment of a Practical 2-Hour Simulation-Based Robotic Training Curriculum for Residents: A Randomized Controlled Trial Journal of Minimally Invasive Gynecology, November 2014
- Opoku-Anane, A. Gonzalez, **G. Moawad**, C. Marfori, J.K. Robinson Methods to Reduce Blood Loss during Laparoscopic Myomectomy Journal of Minimally Invasive Gynecology, November 2014
- Von Walter Gonzalez, J.K. Robinson, **G. Moawad**, Retroperitoneal Dissection of the Uterine Artery in Common Surgical Scenarios A. Journal of Minimally Invasive Gynecology, November 2013

A. Von Walter Gonzalez, **G. Moawad**, J.K. Robinson Minimally Invasive Approach to a Large Pelvic Mass, Journal of Minimally Invasive Gynecology, November 2013

**G. Moawad**, D. Chhajwani, J. Krapf, J.K. Robinson Determining the Impact of External Stressors on Laparoscopic Skills and Performance, Journal of Minimally Invasive Gynecology, November 2013

**G. Moawad**, J.K. Robinson Dual Port Hysterectomy: A Novel Technique and Initial Experience, Journal of Minimally Invasive Gynecology, November 2012

**G. Moawad**, J.K. Robinson Two Port TLH: A Novel Technique, Journal of Minimally Invasive Gynecology, November 2012

### Presentations at Conferences, Workshops, and Seminars

Da Vinci Surgery: Benefits of Advanced Technology, Wichita 2020 March

Robotic Endometriosis, Live or DIE. Journee Gyn Foch Paris, France 2020 March

How to Prepare a Meeting With Your Surgeon. IS European Sales Meeting, Paris France 2020 Feb

The Retroperitoneum Through the Eyes of the Robot. 24<sup>th</sup> Annual Conference of Obstetrics and Gynecology. Kuwait, Kuwait 2020 Feb

Robotic Myomectomy Across Complexity Spectrum. Cliniques Universitaires Saint-Luc, Brussels, Belgium 2019 Nov

The Retroperitoneum Through the Eyes of the Robot. AAGL 48<sup>th</sup> Global Congress of Minimally Invasive Surgery, Vancouver, Canada 2019 Nov

Reduced Port Robotics. AAGL 48<sup>th</sup> Global Congress of Minimally Invasive Surgery, Vancouver, Canada 2019 Nov

Surgical Pelvic Neuroanatomy: An Overview of Commonly Encountered Nerves in Benign Gynecologic Surgeries and Safe Dissection Techniques. ESGE 28<sup>th</sup> Annual Congress 2019 Thessaloniki, Greece 2019 Oct

Tips and Tricks for Robotic Myomectomy 9<sup>th</sup> Annual Gynecologic Robotic Surgery Conference, Baltimore 2019

The future of Robotic Surgery. NAAMA 41st National Medical Convention Atlanta 2019 August

Outpatient robotic Surgery. NCGE Helsinki Finland 2019 June

Impact of Robotics in Benign Gyn. Sobracil Buzios Brazil 2019 May

Tips and Tricks to Perform a Safe Robotic Hysterectomy. Sobracil Buzios Brazil 2019 May

Different Ways to Skin a Fibroid: Robotic Myomectomy. Sobracil Buzios Brazil 2019 May

Retroperitoneum Through the Eyes of the Robot. Sobracil Buzios Brazil 2019 May

Retroperitoneum Through the Eyes of the Robot. BSGE Cardiff Wales 2019 May

Impact of Robotics in Benign Gyn. Keynote BSGE Cardiff Wales 2019 May

Complex Myomectomy As live surgery. BSGE Cardiff Wales 2019

Becoming a Full Robotic Surgeon. Gyn Connect Fort Lauderdale April 2019

Impact of Robotic on Outpatient Surgery. Gyn Connect Fort Lauderdale April 2019

Myomectomy live surgery, Nordic Robotic meeting Stockholm Sweden March 2019

Impact of Robotics in Benign Gyn. Grand Rounds Lankenau Medical Center, Philadelphia 2019 Jan

Tips and Tricks to performing a Robotic Myomectomy, SLS meeting NYC 2018

Morbid Obesity is Associated with Postoperative Complications in Laparoscopic Hysterectomy. AAGL Global Congress Las Vegas 2018

Implementing Approachable Tactics In Meditation and Self Care to Prevent Burnout. AAGL Global Congress Las Vegas 2018

Burnout among Members of the American Association of Gynecologic Laparoscopists. Open Communication. AAGL Global Congress Las Vegas 2018

Clinical Value of Robotics in Complex Benign Gyn. London UK 2018

Accountability In Surgery . Arizona 2018

Value of Robotics In Complex Gynecology. University of Ulm, Ulm Germany 2018

Robotics in Benign Gyn. Norwegian MIS day University of Oslo, Oslo Norway 2018

Deeply Infiltrative Endometriosis and MIS. Norwegian MIS day University of Oslo, Oslo Norway 2018

Place of Robotics in Benign Gynecology. 27<sup>th</sup> Annual Congress for the European Society for Gynecologic Endoscopy, Vienna Austria 2018

Where Are We Going ?Future Technology in Robotic Surgery. 10<sup>th</sup> Annual Meeting for the Society of European Robotic Gynecologic Surgery Milan Italy 2018

Robotic Treatment of Endometriosis. 8<sup>th</sup> Annual Gynecologic Robotic Surgery Conference, Baltimore 2018

Robotic Myomectomy. 8th Annual Gynecologic Robotic Surgery Conference, Baltimore 2018

Movement to Outpatient Hysterectomy. 8<sup>th</sup> Annual Gynecologic Robotic Surgery Conference, Baltimore 2018

Tissue Extraction Techniques in MIS. 8<sup>th</sup> Annual Gynecologic Robotic Surgery Conference, Baltimore 2018

Robotic Surgery: More Bank for the Buck, Society of Robotic Surgery, Stcokholm, Sweden 2018

Place of Da Vinci in the Treatment of Deeply Infiltrative Endometriosis: BNL Gyn Complex Benign Symposium, Brussels, Belgium 2018

Comparison Between Single Site and Multiport Robot-Assisted Myomectomy Techniques: A Multicenter Study, Beyond Gynecologic Surgery, Clermont Ferrand, France 2018

Augmented Reality to Improve Spatial Awareness in Gynecologic Surgery, Beyond Gynecologic Surgery, Clermont Ferrand, France 2018

Advancements in Robotic Approach to Gynecologic Surgery, Newport Beach, 2018

Robotics in Benign Gynecology, 8<sup>th</sup> National Robotic Gyn day, Copenhagen, Denmark 2018

The Spectrum for Benign Indications for Robotic Surgery: Feasibility and Economics, Skane University Hospital, Lund, Sweden 2018

Intuitive Peer to Peer, From Leader in the OR to Leader in your Hospital, Dallas 2018

Expanding Indications for Benign Robotic Surgery, 1<sup>st</sup> Annual Nordic Robotic Benign Gynecology Meeting, SOS, Stockholm, Sweden 2018

The Value of Robotic Surgery in Benign Hysterectomy, MountainView OB/Gyn Grand Rounds, Las Vegas, 2018

The Value of Robotic Surgery in Complex Gynecology Surgery and ERAS, Robotic Society of Las Vegas, UNLV, Las Vegas, 2018

Advances in Gyn Surgical Technique and Technology, UPMC, Pittsburg, 2017

New Case-Complexity Score for Benign Laparoscopic Hysterectomy, Podium Presentation AAGL 2016 Global Congress, 2016 Nov

The Effect of Partial Bladder Filling on Post-Operative Time to Void in Minimally Invasive Gynecologic Procedures, Podium Presentation AAGL 2016 Global Congress, 2016 Nov

Feasibility, Safety, and Prediction of Complications for Minimally Invasive Myomectomy in Women with Large and Numerous Myomata., Podium Presentation AAGL 2016 Global Congress, 2016 Nov

Proficiency Based Robotics Training Curriculum for Suturing Tasks: Transferability of Skills to a Live Porcine Model, Podium Presentation AAGL 2016 Global Congress, 2016 Nov

Tissue Removal During Hysterectomy: The Effect of Vaginal versus Abdominal Morcellation on Surgical Outcomes, Podium presentation AAGL 2016 Global Congress, 2016 Nov

Comparison of Cost and Operative Outcome of Robotic Hysterectomy Compared to Laparoscopic Hysterectomy Across Different Uterine Weights, Podium presentation AAGL 2016 Global Congress, 2016 Nov

Complexicity Scoring System for Minimally Invasive Hysterectomy: A Validity Study, Podium presentation AAGL 2016 Global Congress, 2016 Nov

The Effect of Stress on Efficiency and Accuracy in Laparoscopic Skills Among Obstetrics and Gynecology Residents, Podium presentation AAGL 2016 Global Congress, 2016 Nov

The Effect of Operative Time on Outcomes in Minimally Invasive and Abdominal Myomectomy: An Analysis of the American College of Surgeons' National Surgical Quality Improvement Program (ACS NSQIP), Podium presentation AAGL 2016 Global Congress, 2016 Nov

Outcomes of Minimally Invasive and Abdominal Hysterectomy for Benign Indications by Operative Time: An Analysis of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP), Podium Presentation AAGL 2016 Global Congress, 2016 Nov

Trends of Surgical Routes the Performance of Outpatient and Inpatient Benign Hysterectomy in The United States 2008-2014, Podium presentation Academy Health Annual Research Meeting, 2016 Jun

Trends of Surgical Routes the Performance of Outpatient and Inpatient Benign Hysterectomy in The United States 2008-2014, ISPOR 21st Annual International Meeting, Podium presentation 2016 May

Intuitive 360, Turning a surgeon into a Leader, 2016

AAGL Robotic Didactic, Integrating Robotic Surgery in Your Armamentarium, 2016

Workshop on Approaches to Tissue Containment and Extraction in MIGS Atlanta GA, 2016

Comparison of Methods of Tissue Extraction: Manual versus Power Morcellation., Poster presentation, Podium presentation at SGS 41<sup>st</sup> Annual Scientific Meeting, Orlando, FL, March, 2015

Approaches to Tissue Containment and Extraction in MIGS, Journal of Minimally Invasive Gynecology, Vol. 22, Issue 6, S137, Podium Presentation AAGL 2015 Global Congress, 2015 Nov

Tips and Tricks: Single-Site Robotic Myomectomy, Podium presentation AAGL 2015 Global Congress, 2015 Nov

Tips and Tricks: Single-Site Robotic Myomectomy, Podium presentation ASRM, 2015 Oct

Laparoscopic and Robotic Myomectomy: A Comparison of Cost and Perioperative Outcomes for Complex Cases, Podium presentation AAGL 2015 Global Congress, 2015 Nov

Route of Minimally Invasive Benign Hysterectomy Panel discussant AAGL 2014 Global Congress, 2014 Nov

Practical 2-Hour Simulation-Based Robotic Training Curriculum for Residents: A Randomized Controlled Trial Podium presentation AAGL 2014 Global Congress, 2014 Nov

Retroperitoneal Dissection of the Uterine Artery in Common Surgical Scenarios Podium presentation, AAGL 2013 Global Congress, 2013 Nov

Minimally Invasive Approach to a Large Pelvic Mass, Podium presentation AAGL 2013 Global Congress, 2013 Nov

Determining the Impact of External Stressors on Laparoscopic Skills and Performance, Podium presentation AAGL 2013 Global Congress, 2013 Nov

Holy Cross 20<sup>th</sup> Annual Conference, Future Trends Iin Minimally Invasive Gynecologic Surgery, Podium Presentation 2013

Dual Port Hysterectomy: A Novel Technique and Initial Experience, Podium presentation AAGL 2012 Global Congress, 2012 Nov

Two Port TLH: A Novel Technique, Podium presentation AAGL 2012 Global Congress, 2012 Nov

# Service to Community

Editorial Board of "Facts, Views and Vision in Obgyn" official journal of ESGE

AAGL Chair of Research Committee 2019 to current

AAGL Chair of Robotics Special Interest Group, 2017 to 2018

AAGL Vice Chair of Robotics Special Interest Group, 2016 to 2017

AAGL Essentials in MIGS Curriculum Committee, 2015 to present

AAGL Publications Committee, 2015 to present

Board member of Institute of Surgical Excellence, 2015 to present

AAGL/ASRM Fellowship Co-Director, 2015 to present

Director of Robotic Gynecologic Surgery, The George Washington University, 2015 to present

Peer Review Committee at The George Washington University Hospital, 2015 to present

Residency Program Evaluation Committee, The George Washington University, 2012 to present

The Journal of Minimally Invasive Gynecology AD-HOC Review Committee, 2011 to present

Administrative Chief Resident, The George Washington University, 2010-2011

Administrative Chief Resident, Balamand University, 2006-2007