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Welcome to this year's first edition of *Inside OBGYN*, the Department of Obstetrics, Gynecology, and Reproductive Science's communications vehicle to help keep you informed of the outstanding work that our physicians, residents, and fellows are taking part in. In this edition, we feature the upcoming winter national conference posters and presentations from members of our Department. If you are attending one of the winter conferences where Mount Sinai is participating, we hope you will support our presenters.

In addition, we are proud to present the 2017 publications with PubMed IDs by our faculty and trainees since writing plays a vital role in education and is an important method to communicate scientific work. We will feature 2018 publications in an upcoming issue.

**Congratulations to all on these great examples of scholarly work!**

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## Upcoming 2019 National Conference Posters and Presentations:

### Society for Maternal Fetal Medicine (SMFM) 39th Annual Pregnancy Meeting

February 11 – 16 in Las Vegas, NV

**Berman MR, Lee MJ, Flores C, Matheson D, Wang J, Stein J, Baron E, Lipshutz R** – *Successful adoption and acceptance of a full-time laborist model in a community-based hospital (Mount Sinai Beth Israel)* – Poster

**Hussain F, Brustman L** – *Don't judge a book by its cover* – Oral

**Klahr R, Fox NS, Zafman K, Hill M, Connolly C, Rebarber A** – *Likelihood of vasa previa resolution across gestation* – Poster

**Liu L, Zafman K, Fox NS** – *Weight gain and pregnancy outcomes in overweight or obese women with twin gestations* – Poster

**Zafman K, Rebarber A, Fox NS** – *Short cervical length in low risk women: How many will become dilated before 24 weeks?* – Poster

**Zafman K, Rebarber A, Melka S, Naqvi M, Fox NS** – *Induction of labor vs. cesarean delivery in twin pregnancies* – Poster

### Advances in Genome Biology and Technology (AGBT) General Meeting 2019

February 27 – March 2 in Marco Island, FL

**Pandya D, Camacho-Vanegas O, Beddoe AM, Irish J, RoseFigura J, Dottino P, Martignetti JA** – *The idiographic liquid biopsy: Rapid development and use of patient-specific ctDNA biomarkers to avoid overtreatment in ovarian cancer* – Poster

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## 2019 Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Gynecology and Obstetrics (APGO) Annual Meeting

February 27 – March 2 in New Orleans, LA

**Abraham C** – *An effective vaginal delivery simulation and lecture combination for the medical student learner* – Poster

## 10th Annual Consortium of Universities for Global Health (CUGH) Conference

March 8 – 10 in Chicago, IL

**Navalukar R, Lieber M, Afzal O, Chowdhury S, O'Shaughnessey L, Dottino A, Jallah W, Beddoe AM** – *Comparing HPV screening knowledge and preferences of women in Monrovia, Liberia* – Poster

## Society of Gynecologic Oncology (SGO) 50th Annual Meeting on Women's Cancer

March 16 – 19 in Honolulu, HI

**Orfanelli T, Cohen N, Schwartz M, Tomita S, Kolev V, Blank SV, Cohen S** – *Racial and socioeconomic disparities in treatment and survival for women with advanced endometrial cancer* – Poster

**Orfanelli T, Roudko V, Bozku CC, Blank SV, Greenbaum B, Bhardwaj N** – *Shared tumor antigens in uterine cancers with microsatellite instability: Putative targets for immunotherapeutic approaches* – Poster

**Orfanelli T, Sokoloff L, Schwartz M, Tomita S, Prasad Hayes M, Blank SV** – *What happens in the real world? Assessment of two screening tools for Lynch Syndrome in patients with endometrial cancer: Universal tumor testing versus clinical screening* – Poster

**Schwartz M, Blank SV, Kolev V, Prasad Hayes M** – *Survival differences in gynecologic high-grade serous carcinomas based on site of origin: Material or semantic?* – Poster

**Schwartz M, Blank SV, Orfanelli T, Tomita S** – *Use of vaginal chlorhexidine antiseptics prior to hysterectomy to reduce surgical site infection* – Poster

**Schwartz M, Nagarsheth N** – *Laparoscopic-guided Syed template placement for treatment of recurrent cervical cancer to the vaginal vault* – Film



## American Association for Cancer Research (AACR) Annual Meeting 2019

March 29 – April 3 in Atlanta, GA

**Pandya D, Tomita S, Camacho O, Swierczek S, Camacho C, Engelman K, Mercedes Padron M, RoseFigura J, Irish J, Chuang L, Andikyan V, Cohen S, Fiedler P, Sieber S, Shih LM, Billaud JN, Reva B, Sebra R, Dottino P, Martignetti JA** – *Development of a targeted liquid biopsy for early gynecologic cancer detection leads to discovery of a highly prevalent genomic landscape of cancer driver gene mutations in uterine tissue from women without cancer* – Poster

## Society of Gynecologic Surgeons (SGS) 45th Annual Scientific Meeting

March 31 – April 3 in Tucson, AZ

**Chong W, Hua P, Gaigbe-Togbe B, Overbey J, Ascher-Walsh C** – *Incidence and predictors of explantation of sacral neuromodulator in a single urban medical center* – Poster

**Orfanelli T, Cohen N, Schwartz M, Tomita S, Kolev V, Blank SV, Cohen S** – *Racial and socioeconomic disparities in treatment and survival for women with advanced endometrial cancer* – Poster

**Rosen L, Zakashansky K** – *Robotic-assisted laparoscopy versus conventional laparoscopy for the treatment of endometriosis in New York State, 2009 – 2016* – Poster

## Publications in 2017 with PMID:

**Afzal O, Lieber M, Dottino P, Beddoe AM** – Cervical cancer screening in rural South Africa among HIV-infected migrant farm workers and sex workers. *Gynecol Oncol Rep.* 2017 Jan 29; 20:18-21. eCollection 2017 May. PMID: 28224134

**Aharon D, Calderon M, Solari V, Alarcon P, Zunt J** – Barriers to follow-up for abnormal papanicolaou smears among female sex workers in Lima, Peru. *PLoS One.* 2017 Jan 6; 12(1):e0169327. eCollection 2017. PMID: 28060937

**Al-Ibraheemi Z, Rosenn B, Porat N, Taylor D, Kalberer M, Nelson Z** – Changing face of invasive diagnostic testing in the era of cell-free DNA. *Am J Perinatol.* 2017 Sep; 34(11):1142-1147. Epub 2017 Jul 17. PMID: 28718180

**Amorosa JMH, Stone J, Factor SH, Booker W, Newland M, Bianco A** – A randomized trial of foley bulb for labor induction in premature rupture of membranes in nulliparas (FLIP). *Am J Obstet Gynecol.* 2017 Sep; 217(3):360.e1-360.e7. Epub 2017 May 4. PMID: 28479288

**3 \*Bardos J, Loudon H, Rekawek P, Friedman F, Brodman M, Fox NS** – Association between senior obstetrician supervision of resident deliveries and mode of delivery. *Obstet Gynecol.* 2017 Mar; 129(3):486-490. PMID: 28178064

**Beddoe AM** – Challenges to development of cervical and breast cancer program development in post conflict Liberia: Presentation prepared for African First Ladies' Conference, 10th SCCA Conference, Addis Ababa, Ethiopia 2016. *Gynecol Oncol Rep.* 2017 Jan 19; 20:24-26. eCollection 2017 May. PMID: 28224136

**Bigelow CA, Horowitz NS, Goodman A, Growdon WB, Del Carmen M, Kaimal AJ** – Management and outcome of cervical cancer diagnosed in pregnancy. *Am J Obstet Gynecol.* 2017 Mar; 216(3):276.e1-276.e6. Epub 2016 Oct 3. PMID: 27810552

**Chen Y, Camacho SC, Silvers TR, Razak AR, Gabrail NY, Gerecitano JF, Kalir E, Pereira E, Evans BR, Ramus SJ, Huang F, Priedigkeit N, Rodriguez E, Donovan M, Khan F, Kalir T, Sebra R, Uzilov A, Chen R, Sinha R, Halpert R, Billaud JN, Shacham S, McCauley D, Landesman Y, Rashal T, Kauffman M, Mirza MR, Mau-Sørensen M,**

**Dottino P, Martignetti JA** – Inhibition of the nuclear export receptor XPO1 as a therapeutic target for platinum-resistant ovarian cancer. *Clin Cancer Res.* 2017 Mar 15; 23(6):1552-1563. Epub 2016 Sep 20. PMID: 27649553

**Chong W, Downing K, Leegant A, Banks E, Fridman D, Downie, S** – Resident knowledge, surgical skill and confidence in transobturator vaginal tape (TOT) placement: the value of a cadaver lab. *Female Pelvic Med Reconstr Surg.* 2017; 23: 392-400. PMID: 28922302

**Connolly KA, Kohari KS, Factor SH, Rekawek P, Miller MR, Smilen BS, Stone JL, Bianco AT** – A randomized trial of foley balloon induction of labor trial in multiparas (FIAT-M). *Am J Perinatol.* 2017 Sep; 34(11):1108-1114. Epub 2017 Jun 26. PMID: 28651258

**Daubriac J, Pandya UM, Huang KT, Pavlides SC, Gama P, Blank SV, Shukla P, Crawford SE, Gold LI** – Hormonal and growth regulation of epithelial and stromal cells from the normal and malignant endometrium by pigment epithelium-derived factor. *Endocrinology.* 2017 Sep 1; 158(9):2754-2773. PMID: 28911166

**Frey MK, Blank SV, Curtin JP** – Minimizing minimally invasive surgery for endometrial carcinoma. *Am Soc Clin Oncol Educ Book.* 2017; 37:23-28. PMID: 28561642

**Frey MK, Ellis AE, Koontz LM, Shyne S, Klingenberg B, Fields JC, Chern JY, Blank SV** – Ovarian cancer survivors' acceptance of treatment side effects evolves as goals of care change over the cancer continuum. *Gynecol Oncol.* 2017 Aug; 146(2):386-391. Epub 2017 Jun 8. PMID: 28602549

**Frey MK, Sandler G, Sobolev R, Kim SH, Chambers R, Bassett RY, Martineau J, Sapra KJ, Boyd L, Curtin JP, Pothuri B, Blank SV** – Multigene panels in Ashkenazi Jewish patients yield high rates of actionable mutations in multiple non-BRCA cancer-associated genes. *Gynecol Oncol.* 2017 Jul; 146(1):123-128. Epub 2017 May 8. PMID: 28495237

**Gallagher EJ, Zelenko Z, Neel BA, Antoniou IM, Rajan L, Kase N, LeRoith D** – Elevated tumor LDLR expression accelerates LDL cholesterol-mediated breast cancer growth in mouse models of hyperlipidemia. *Oncogene.* 2017 Nov 16; 36(46):6462-6471. Epub 2017 Jul 31. PMID: 28759039

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## Publications in 2017 with PMID: (continued)

**Gandhi M, Fox NS** – Short cervix in a patient with twin gestation. *Obstet Gynecol.* 2017; 130(1):47-49. PMID: 28594756

**Gerber RS, Fields JC, Barberio AL, Bodenlos K, Fox NS** – Outcomes of twin pregnancies in women age 45 or older. *Obstet Gynecol.* 2017; 129(5):827-830. PMID: 28383389

**Getrajman C, Lee JA, Copperman AB** – Co-IVF for same-sex female couples. *Semin Reprod Med.* 2017 Sep; 35(5):415-419. Epub 2017 Oct 26. PMID: 29073679



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**Ghanney EC, Cavallo JA, Levin MA, Reddy R, Bander J, Mella M, Stone J, Schwartz M, Haines K, Gidwani U, Mehrazin R** – Renal cell carcinoma with inferior vena cava thrombus extending to the right atrium diagnosed during pregnancy. *Ther Adv Urol.* 2017 Apr 16; 9(6):155-159. eCollection 2017 Dec. PMID: 28588653

**Gorski JW, Taylor JS, Zhang J, Liu J, Jazaeri AA** – Hormonal based treatment of ovarian anaplastic ependymoma with anastrozole. *Gynecol Oncol Rep.* 2017 Mar 14; 20:93-96. eCollection 2017 May. PMID: 28393092

**Gupta V, McGunigal M, Prasad-Hayes M, Kalir T, Liu J** – Adjuvant radiation therapy is associated with improved overall survival in high-intermediate risk stage I endometrial cancer: A national cancer data base analysis. *Gynecol Oncol.* 2017 Jan; 144(1):119-124. Epub 2016 Oct 25. PMID: 27793358

**Herlihy N, Naqvi M, Romero J, Gupta S, Monteagudo A, Rebarber A, Fox NS** – Multifetal pregnancy reduction of trichorionic triplet gestations: What is the benefit? *Am J Perinatology.* 2017; 34(14):1417-23. PMID: 28637061

**Hernandez-Nieto C, Lee J, Nazem T, Goungo D, Copperman AB, Sandler B** – Embryo aneuploidy is not impacted by selective serotonin reuptake inhibitor exposure. *Fertil Steril.* 2017 Dec; 108(6):973-979. PMID: 29202974

**Howell EA, Padrón NA, Beane SJ, Stone J, Walther V, Balbierz A, Kumar R, Pagán JA** – Delivery and payment redesign to reduce disparities in high risk postpartum care. *Matern Child Health J.* 2017 Mar; 21(3):432-438. PMID: 28132168

**Kelley RS, Vardy MD, Simons GR, Chen H, Ascher-Walsh C, Brodman M** – A pilot study of cardiac electrophysiology catheters to map and pace bladder electrical activity. *Neurourol Urodyn.* 2017 Apr; 36(4):1174-1177. Epub 2016 Aug 5. PMID: 27494644

**Khander A, Farag S, Chen KT** – Identification and evaluation of medical translator mobile applications using an adapted APPLICATIONS scoring system. *Telemed J E Health.* 2017 Dec 22. PMID: 29271702

**Kohari KS, Carroll R, Capogna S, Ditchik A, Fox NS, Ferrara LA** – Outcome after implementation of a modern management strategy for intrahepatic cholestasis of pregnancy. *J Matern Fetal Neonatal Med.* 2017 Jun; 30(11):1342-1346. Epub 2016 Aug 8. PMID: 27418248

**Lambertini L, Saul SR, Copperman AB, Hammerstad SS, Yi Z, Zhang W, Tomer Y, Kase N** – Intrauterine reprogramming of the polycystic ovary syndrome: evidence from a pilot study of cord blood global methylation analysis. *Front Endocrinol (Lausanne).* 2017 Dec 18; 8:352. eCollection 2017. PMID: 29326659

**Liu LY, Feinglass JM, Khan JY, Gerber SE, Grobman WA, Yee LM** – Evaluation of introduction of a delayed cord clamping protocol for premature neonates in a high-volume maternity center. *Obstet Gynecol.* 2017 May; 129(5):835-843. PMID: 28383377

**Lu D, Tang JJ, Zakashansky K, Berkowitz RS, Kalir T, Liu Y** – Heterotopic pregnancy including intrauterine normal gestation and tubal complete hydatidiform mole: a case report and review of the literature. *Int J Gynecol Pathol.* 2017 Sep; 36(5):428-432. Review. PMID: 28800576

## Publications in 2017 with PMID: (continued)

**Lunde B, Perry R, Sridhar A, Chen KT** – An evaluation of contraception education and health promotion applications for patients. *Women's Health Issues* 2017; 27(1):29-35. PMID: 27815037

**Lunde B, Littman L, Stimmel S, Rana R, Jacobs A, Horowitz CR** – “Just wear dark underpants mainly”: Learning from adolescents’ and young adults’ experiences with early discontinuation of the contraceptive implant. *J Pediatr Adolesc Gynecol* 2017; 30(3):395-399. PMID: 28079493

**Malacarne DR, Boyd LR, Long Y, Blank SV** – Best practices in risk reducing bilateral salpingo-oophorectomy: the influence of surgical specialty. *World J Surg Oncol*. 2017 Dec 11; 15(1):218. PMID: 29228967

**Mathews S, Brodman M, D’Angelo D, Chudnoff S, McGovern P, Kolev T, Bensinger G, Mudiraj S, Nemes A, Feldman D, Kischak P, Ascher-Walsh CJ** – Predictors of laparoscopic simulation performance among practicing obstetrician gynecologists. *Am J Obstet Gynecol*. 2017 Jul 13. pii: S0002-9378(17)30844-X. Epub 2017 Jul 13. PMID: 28712950

**Matthews KC, Williamson J, Gupta S, Lam-Rachlin J, Saltzman DH, Rebarber A, Fox NS** – The effect of a sonographic estimated fetal weight on the risk of cesarean delivery in macrosomic and small for gestational age infants. *J Matern Fetal Neonatal Med*. 2017; 30(10):1172-6. PMID: 27365115

**McQuilkin PA, Niescierenko M, Beddoe AM, Goentzel J, Graham EA, Henwood PC, Rehwaldt L, Teklu S, Tupesis J, Marshall R** – Academic medical support to the Ebola Virus disease outbreak in Liberia. *Acad Med*. 2017 Dec; 92(12):1674-1679. PMID: 29019800

**Melka S, Miller J, Fox NS** – Labor and delivery of twin pregnancies. *Obstetrics and Gynecology Clinics*. 2017; 44(4):645-654; PMID: 29078946

**Musa F, Pothuri B, Blank SV, Ling HT, Speyer JL, Curtin J, Boyd L, Li X, Goldberg JD, Muggia F, Tiersten A** – Phase II study of irinotecan in combination with bevacizumab in recurrent ovarian cancer. *Gynecol Oncol*. 2017 Feb; 144(2):279-284. Epub 2016 Dec 5. PMID: 27931751

**Nakisige C, Schwartz M, Okioth A** – Cervical cancer screening and treatment in Uganda. *Gynecol Oncol Rep*. 2017 Feb 3; 20:37-40. PMID: 28275695

**Pereira E, Kalir T, Dottino P, Martignetti JA** – Comprehensive and integrated genomic characterization of adult soft tissue sarcomas. Cancer Genome Atlas Research Network. *Cell*. 2017 Nov 2; 171(4):950-965.e28. PMID: 29100075

**Rebarber A, Varrey A, Scherr D, Fox NS, Sassoon R, Ciorica D, Saltzman DH** – Sonographic appearance of a cesarean scar pregnancy with placenta percreta invading the bladder in the first trimester and management with fertility preservation. *J Clinical Ultrasound*. 2017; 45(3):167-7. PMID: 27219670

**Rekawek P, Friedman F, Gaigbe-Togbe B, Lee J, Copperman AB** – Human embryo morphokinetics correlation with obstetric outcomes and antepartum biomarkers. *J Reprod Med*. 2017 May-Jun; 62(5-6):241-9. PMID: 30027716

**Rosner J, Fox NS, Saltzman D, Rebarber A, Gupta S** – The effect of treated hypothyroidism on outcomes in twin pregnancies. *Am J Perinatol*. 2017; 34(14):1447-50. PMID: 28704846

**Schwartz M, Jeng C, Chuang L** – Laparoscopic surgery for gynecologic cancer in low- and middle-income countries (LMICs): an area of need. *Gynecol Oncol Rep*. 2017; 20:100-102. eCollection 2017 May. PMID 28393094

**Schwartz M, Powell K** – Spontaneous rupture of a leiomyoma causing life-threatening intra-abdominal hemorrhage. *Case Rep Obstet Gynecol*. 2017;2017:3701450. Epub 2017 Jan 3. PMID: 28127487

**Sekhon L, Shaia K, Santistevan A, Cohn KH, Lee JA, Beim PY, Copperman AB** – The cumulative dose of gonadotropins used for controlled ovarian stimulation does not influence the odds of embryonic aneuploidy in patients with normal ovarian response. *J Assist Reprod Genet*. 2017 Jun; 34(6):749-758. Epub 2017 Mar 20. PMID: 28321529

**Shaia KL, Farag S, Chyjek K, Knopman J, Chen KT** – An evaluation of mobile applications for reproductive endocrinology and infertility providers. *Telemed J E Health*. 2017 Mar; 23(3):254-258. PMID: 27483365

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## Publications in 2017 with PMID: (continued)

**Soffer MD, Factor SH, Rosenman A, Levy C, Stone J**

– Improving postpartum glucose monitoring in women with gestational diabetes. *J Matern Fetal Neonatal Med.* 2017 Dec; 30(24):3014-3019. Epub 2017 Jan 12. PMID: 27936990

**Spiegelman J, Mourad M, Melka S, Gupta S, Lam-Rachlin J, Rebarber A, Saltzman DH, Fox NS**

– Risk factors for blood transfusion in patients undergoing high-order cesarean delivery. *Transfusion.* 2017; 57(11):2752-7. PMID: 28782117

**Sudol NT, Adams-Piper E, Perry R, Lane F, Chen KT**

– In search of mobile applications for patients with pelvic floor disorders. *Female Pelvic Med Reconstr Surg.* 2017 Dec 7. PMID: 29219859

**Uquillas K, Fox NS, Rebarber A, Saltzman DH, Klauser CK, Roman AS**

– A comparison of cervical length measurement techniques for the prediction of spontaneous preterm birth. *J Matern Fetal Neonatal Med.* 2017 Jan; 30(1)50-53. PMID: 269313052

**6** **Winkel AF, Hughes F, Blank SV** – Nonreassuring status: Improving obstetrician-gynecologist wellness. *Obstet Gynecol.* 2017 Nov; 130(5):1042-1046. PMID: 29016500

**Yee LM, Liu LY, Grobman WA** – Obstetrician call schedule and obstetric outcomes among women eligible for a trial of labor after cesarean. *Am J Obstet Gynecol.* 2017 Jan; 216(1):75.e1-75.e6. Epub 2016 Aug 30. PMID: 27589899

\*Winner of the 2017 Roy M. Pitkin Award, presented by ACOG. The award honors departments of obstetrics and gynecology that promote and demonstrate excellence in research. Each year, the award is presented to the top papers published in the journal, *Obstetrics & Gynecology.*