

2020 INSIDE OBGYN

W I N T E R



Icahn
School of
Medicine at
**Mount
Sinai**

Updates from the Department of Obstetrics, Gynecology,
and Reproductive Science at the Icahn School of Medicine
at Mount Sinai



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Happy New Year! We look forward to 2020 as we continue to advance health care for women. In this edition of Inside OBGYN, we feature the upcoming winter national conference posters and presentations from members of our Department throughout the Mount Sinai Health System. 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 2019 publications with PubMed IDs by our trainees and faculty.

Congratulations to all on these great examples of scholarly work!

Upcoming 2020 National Conference Posters and Presentations:

**Society for Maternal Fetal
Medicine (SMFM) Annual
Pregnancy Meeting**

**February 3 – 8 in
Grapevine, TX**

**Chu Lam MT, Al-Ibraheemi Z,
Brustman L, Choi KH, Geduldig
E, Overbey J, Schmidt-Beuchat
E, Woods KL** – What is the
prevalence of measles immunity
among pregnant women? – Oral

**Chu Lam MT, Hussain FN,
Feldman K, Choi KH, Brustman
L, Lewis D** – Increased NT:
screening for Noonan syndrome
spectrum disorders – Poster

Fox N – Acetaminophen use
and fetal brain development:
Prospective environmental
exposure in pregnancy study
(PEEPs) early results – Poster

Fox N – Hyperglycemia and
adverse pregnancy outcomes in
twins: Do the HAPO findings
apply to twin pregnancies? –
Poster

**Hussain FN, Al-Ibraheemi Z,
Feldman KM, Choi KH, Chu
Lam M, Brustman L, Lewis D** –
Incidentally found midtrimester
shortened cervical length:
Practice patterns among
U.S. Maternal-Fetal Medicine
specialists – Poster

**Hussain FN, Grubman O, Parikh
B, Choi KH, Chu Lam M, Feldman
KM, Al-Ibraheemi Z, Brustman L**
– The value of first trimester blood
pressure in predicting pregnancy-
induced hypertensive disorder
– Poster

**Stone J, Bianco A, Monro J,
Overbey J, Cadet J, Hyewon Choi
K, Pena J, Robles BN, Mella M,
Matthews KC, Factor S** – Study to
reduce infection prior to elective
cesarean sections (STRIPES):
Double blind RCT using CHG
cloths – Oral

**Taylor D, Shekarloo P, Ndubizu
C, Chu Lam MT, Hussain FN,
Brustman L** – Ethnic differences
in anti-hypertensive medication
response among pregnant and
postpartum patients – Oral

Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Gynecology and Obstetrics (APGO) Annual Meeting 2020

February 26 – 29 in Orlando, FL

Abraham C – Effective implementation of pelvic exam, suture and knot-tying and vaginal delivery simulation modules into the obstetrics and gynecology clerkship – Poster

Menhaji K, Chong W, Pan S, Hardart A – OBGYN trainees perception of departmental climate with regards to sexual harassment – Oral

Menhaji K, Pan S, Hardart A – Sexual harassment in obstetrics and gynecology postgraduate training – Oral

Society for Reproductive Investigation – 67th Annual Scientific Meeting

March 10 – 14 in Vancouver, BC, Canada

Britt DW, Evans MI, Eden RD, Evans SM, Gallagher P, Schifrin BS – Earlier and improved pre-clinical assessment of risk in labor for acidosis – Poster

Evans MI, Britt DW, Eden RD, Evans SM, Gallagher P, Schifrin BS – Diminishing fetal reserve is quantifiable in labor: contextualized interpretation using mom's statistics – Poster

Evans MI, Krantz D, Hallahan T, Liu MS – First trimester pre-eclampsia and aneuploidy serum markers in twin pregnancy – Poster

Hussain FN, Brustman L, Schneider E, Schmidt-Beauchat E, Rodriguez-Rivas C, Chu Lam M, Feldman KM, Kushner T – Postpartum transient elastography in patients with metabolic disorders of pregnancy – Oral

American Institute of Ultrasound in Medicine (AIUM) 2020 – Annual Integrative Ultrasound Meeting

March 21 – 25 in New York, NY

Stone J, Monro J, Lookstein R, Warren L, Mella M, Overbey J, Choi H, Vieira L – Outcomes in elective vs. non-elective selective termination by radiofrequency ablation in monochorionic multifetal pregnancies – Oral

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

March 28 – 31 in Toronto, Canada

Gill CM, Tomita S, Suhner J, D'Andrea M, Umphlett M, Blank SV, Tsankova NM, Shrivastava R, Fowkes M, Kolev V – Tumor infiltrating lymphocytes in brain metastases from gynecological malignancies – Poster

Tomita S, Blank SV, Irie HY – Therapeutic targeting of PTK6 oncogene in ovarian cancer – Poster

Tomita S, Loudon H, Blank SV, Bucknor A, Suhner J, Carr C, Orfanelli T – Perioperative bundle does not decrease rate of surgical site infection in patients undergoing hysterectomy – Poster

2019 Publications with PMIDs:

Abraham C – Case Report. Imperforate hymen causing hematocolpos and urinary retention. *J Emerg Med.* 2019 Aug; 57(2):238-240. PMID: 31023636

Aharon DA, Friedman EG, Overbey JR, McLaughlin M, Langae T, Thurston RC – The association of an alpha2C adrenoceptor gene polymorphism with vasomotor symptoms in African American women. *Menopause.* 2019 Mar; 26(3):300-305. PMID: 30277919

Bardos J, Loudon H, Rekawek P, Friedman F, Brodman M, Fox NS – The association between solo vs. group obstetrical practice model and delivery outcomes. *Am J Perinatology.* 2019; 36(9):907-10. PMID: 30396222

Bergh EP, Vieira LA, Bigelow CA, Overbey JR, Fox NS – Emergent primary cesarean delivery and maternal operative morbidity. *J Matern Neonat Fetal Med.* 2019 Jun; 32(11):1880-3. PMID: 29278969

Bigelow CA, Fox NS, Lam-Rachlin J, Gupta S, Naqvi M, Romero J, Rebarber A – Time to delivery after scheduled Shirodkar cerclage removal in singleton pregnancies based on the original indication for cerclage placement. *Am J Perinatology.* 2019 Mar; 36(4):341-345. PMID: 30282107

Bingham D, Jones DK, Howell EA – Quality improvement approach to eliminate disparities in perinatal morbidity and mortality. *Obstet Gynecol Clin North Am.* 2019 Jun; 46(2):227-238. PMID: 31056125

Bosquet Enlow M, Sideridis G, Chiu YM, Nentin F, Howell EA, Le Grand BA, Wright RJ – Associations among maternal socioeconomic status in childhood and pregnancy and hair cortisol in pregnancy. *Psychoneuroendocrinology.* 2019 Jan; 99:216-224. PMID: 30265918

Britt DW, Evans MI, Schifrin BS, Eden RD – Refining the prediction and prevention of emergency operative deliveries with the fetal reserve index. *Fetal Diagnosis & Therapy.* 2019; 46:159-165. PMID: 30463080

Chang S, Copperman AB – New insights into human prolactin pathophysiology: Genomics and beyond. *Curr Opin Obstet Gynecol.* 2019 Aug; 31(4):207-211. PMID: 31045655

Chen LM, Blank SV, Burton E, Glass K, Penick E, Woodard T – Reproductive and hormonal considerations in women at increased risk for hereditary gynecologic cancers: Society of Gynecologic Oncology and American Society for Reproductive Medicine Evidence-Based Review. *Fertil Steril.* 2019 Dec; 112(6):1034-1042. PMID: 31606136

Chen LM, Blank SV, Burton E, Glass K, Penick E, Woodard T – Reproductive and hormonal considerations in women at increased risk for hereditary gynecologic cancers: Society of Gynecologic Oncology and American Society for Reproductive Medicine Evidence-Based Review. *Gynecol Oncol.* 2019 Dec; 155(3):508-514. PMID: 31606283

Chern JY, Lee SS, Frey MK, Lee J, Blank SV – The influence of BRCA variants of unknown significance on cancer risk management decision-making. *J Gynecol Oncol.* 2019 Jul; 30(4):e60. PMID: 31074248

Cohen S, Schwartz M, Dottino P, Beddoe AM – Use of a multi-drug regimen gemcitabine, 5-fluorouracil, irinotecan, cisplatin, bevacizumab, docetaxel, and cyclophosphamide (GFIP/BDC) for heavily pretreated relapsed epithelial ovarian, fallopian tube and primary peritoneal cancer. *J Ovarian Res.* 2019 Apr 25;12(1):36. PMID: 31027500

Cybulska P, Sioulas V, Orfanelli T, Zivanovic O, Mueller JJ, Broach VA, Long Roche KC, Sonoda Y, Hensley ML, O’Cearbhaill RE, Chi DS, Alektiar KM, Abu-Rustum NR, Leitao MM Jr – Secondary surgical resection for patients with recurrent uterine leiomyosarcoma. *Gynecol Oncol.* 2019 Aug; 154(2):333-337. PMID: 31200927

Evans MI, Britt DW, Eden RD, Gallagher P, Evans SM, Schifrin BS – The Fetal Reserve Index significantly outperforms ACOG Category System in predicting cord blood base excess and pH: a methodological failure of the Category System. *Reproductive Sciences.* 2019; 26:858-863. PMID: 30832536

Evans MI, Eden RD, Britt DW, Evans SM, Schifrin BS – Re-engineering the interpretation of electronic fetal monitoring to identify reversible risk for cerebral palsy. *Journal of Maternal, Fetal, and Neonatal Medicine.* 2019; 32:2561-2569. PMID: 29447043

Fink G, Dean G, Nucci-Sack A, Arden M, Lunde B – Emergency contraception use in school-based health centers: A qualitative study. *J Pediatr Adolesc Gynecol.* 2019; 32(2):175-181. PMID: 30837072

Fox AM, Himmelstein G, Khalid H, Howell EA – Funding for abstinence-only education and adolescent pregnancy prevention: Does state ideology affect outcomes? *Am J Public Health.* 2019 Mar; 109(3):497-504. PMID: 30676806

Fox NS, Namath AG, Ali M, Naqvi M, Gupta S, Rebarber A – Vaginal birth after a cesarean delivery for arrest of descent. *J Matern Neonat Fetal Med.* 2019 Aug; 32(16):2638-2642. PMID: 29455594

Grubman O, Hussain FN, Brustman L – Maternal parvovirus B19 infection causing first trimester increased nuchal translucency and fetal hydrops. *Case Rep in Obstet Gynecol.* 2019 July; 1-4. PMID: 31360565

Gupta S, Naert M, Lam-Rachlin J, Monteagudo A, Rebarber A, Saltzman D, Fox NS – Outcomes in patients with early onset fetal growth restriction without fetal or genetic abnormalities. *J Matern Neonat Fetal Med.* 2019 Aug; 32(16):2662-2666. PMID: 29478342

Hernandez-Nieto C, Lee JA, Slifkin R, Sandler B, Copperman AB, Flisser E – What is the reproductive potential of day 7 euploid embryos? *Hum Reprod.* 2019 Sept 29; 34(9):1697-1706. PMID: 31398251

Hernandez-Nieto C, Sekhon L, Lee JA, Gounko D, Copperman AB, Sandler B – Infertile patients with inflammatory bowel disease have comparable in vitro fertilization clinical outcomes to the general infertile population. *Gynecological Endocrinology.* 2019 November; 6:1-4. PMID: 31691606

Howell EA, Ahmed ZN – Eight steps for narrowing the maternal health disparity gap: Step-by-step plan to reduce racial and ethnic disparities in care. *Contemp Ob Gyn.* 2019 Jan; 64(1):30-36. PMID: 31673195

Howell EA, Ahmed ZN, Sofaer S, Zeitlin J – Positive deviance to address health equity in quality and safety in obstetrics. *Clin Obstet Gynecol.* 2019 Sep; 62(3):560-571. PMID: 31206366

Howell EA, Hebert PL, Zeitlin J – Racial segregation and inequality of care in neonatal intensive care units is unacceptable. *JAMA Pediatr.* 2019 May 1; 173(5):420-421. PMID: 30907946

Hussain FN, Al-Ibraheemi Z, Pan S, Francis AP, Taylor D, Chu Lam M, Lewis D – The accuracy of GBS rectovaginal cultures at 35-37 weeks of gestation in predicting GBS colonization intrapartum. *AJP Rep.* 2019 July; 9:e302–e309. PMID: 31555492

Johnson PD, Duzyj CM, Howell EA, Janevic T – Patient and hospital characteristics associated with severe maternal morbidity among postpartum readmissions. *J Perinatol.* 2019 Sep; 39(9):1204-1212. PMID: 31312037

Klahr R, Fox NS, Zafman K, Hill MB, Connolly CT, Rebarber A – Frequency of spontaneous resolution of vasa previa with advancing gestational age. *Am J Obstet Gynecol.* 2019 Dec; 221(6):646.e1-646.e7. PMID: 31233708

Lieber M, Afzal O, Shaia K, Mandelberger A, Du Preez C, Beddoe AM – Cervical cancer screening in HIV-positive farmers in South Africa: Mixed-method assessment. *Ann Glob Health.* 2019 Apr 15; 85(1). PMID: 30993957

Madden N, Frey MK, Joo L, Lee J, Musselman K, Chern JY, Blank SV, Pothuri B – Safety of robotic-assisted gynecologic surgery and early hospital discharge in elderly patients. *Am J Obstet Gynecol.* 2019 Mar; 220(3):253. PMID: 30557552

Monteagudo A, Cali G, Rebarber A, Cordoba M, Fox NS, Bornstein E, Dar P, Johnson A, Rebolos M, Timor-Tritsch I – Minimally invasive treatment of cesarean scar and cervical pregnancies using a cervical ripening double balloon catheter: Expanding the clinical series. *J Ultrasound Med.* 2019; 38(3):785-793. PMID: 30099757

Naert MN, Khadraoui H, Rodriguez AM, Naqvi M, Fox NS – The association between first trimester subchorionic hematomas and pregnancy loss in singleton pregnancies. *Obstet Gynecol.* 2019; 134:276-81. PMID: 31306310

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Nazem T, Chang S, Lee JA, Briton-Jones C, Copperman AB, McAvey B – Understanding the reproductive experience and pregnancy outcomes of lesbian women undergoing donor intrauterine insemination. *LGBT Health.* 2019 Mar 8; 6(2). PMID: 30848719

Pandya D, Camacho SC, Padron MM, Camacho-Vanegas O, Billaud JN, Beddoe AM, Irish J, Yoxtheimer L, Kalir T, RoseFigura J, Dottino P, Martignetti JA – Rapid development and use of patient-specific ctDNA biomarkers to avoid a “rash decision” in an ovarian cancer patient. *Cold Spring Harb Mol Case Stud.* 2019 Dec 13; 5(6). PMID: 31628202

Rayes N, Bowen DJ, Coffin T, Nebgen D, Peterson C, Munsell MF, Gavin K, Lechner R, Crase J, Polinsky D, Romero I, Blank SV, Levine DA, Norquist BM, Swisher EM, Lu KH –MAGENTA (Making Genetic Testing Accessible): A prospective randomized controlled trial comparing online genetic education and telephone genetic counseling for hereditary cancer genetic testing. *BMC Cancer.* 2019 Jul 2; 19(1):648. PMID: 31266460

Sekhon L, Feuerstein J, Pan S, Overbey J, Lee JA, Briton-Jones C, Flisser E, Stein DE, Mukherjee T, Grunfeld L, Sandler B, Copperman AB – Endometrial preparation before the transfer of single, vitrified-warmed, euploid blastocysts: Does the duration of estradiol treatment influence clinical outcome? *Fertil Steril.* 2019 Jun; 111(6):1177-1185. PMID: 31029432

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Silverstein M, Howell EA, Zuckerman B – Cannabis use in pregnancy: A tale of 2 concerns – *JAMA.* 2019 Jul 9; 322(2):121-122. PMID: 31211823

Soffer M, Chen KT – In search of accurate fetal heart rate monitoring mobile applications. *Telemed J E Health.* 2019 Sep; 25(9):870-877. PMID: 30358492

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.* 2019 May/Jun; 25(3): 252-256. PMID: 29219859

Wallace SL, Mehta S, Farag S, Kelley RS, Chen KT – In search of mobile applications for urogynecology providers. *Female Pelvic Med Reconstr Surg.* 2019 Nov/Dec; 25(6):439-442. PMID: 29649079

Zafman KB, Fox NS – Amniocentesis compared with antenatal corticosteroids prior to early term scheduled cesarean delivery. *J Matern Neonat Fetal Med.* 2019 21(21): 3571-76. PMID: 29681180

Zafman KB, Naqvi M, Melka S, Miller J, Rebarber A, Fox NS – The association between intended mode of delivery and maternal morbidity in twin pregnancies. *Am J Perinatology.* 2019 Jun; 36(7):695-700. PMID: 30372777

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