

**Meeting Highlights**

## **New Technologies in Obstetrics and Gynecology**

*University of Iowa Obstetrics and Gynecology Postgraduate Conference  
Hyatt Regency Coralville, Coralville, IA.  
November 4, 2022*

### **Presentations**

**Innovations in Placenta Accreta Spectrum Prediction. Thomas McElrath MD, PhD,** Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, Brigham Women's Hospital – Harvard Medical School, Boston, MA

**New Technology in Gynecologic Cancer Surgery and What It Means to You. David Bender MD** Department of Obstetrics and Gynecology, Division of Gynecologic Oncology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**Novel Avenues for Prediction, Diagnosis, and Treatment of Perinatal Hypertensive Disorders in Pregnancy. Mark Santillan MD, PhD** Department of Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**Molecular Signatures in Endometrial Cancer- A New Era of Risk stratification and how that impacts treatment. Emily Hill MD** Department of Obstetrics and Gynecology, Division of Gynecologic Oncology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**Novel Technologies in Urogynecology: More than Mesh. Catherine Bradley MD** Department of Obstetrics and Gynecology, Division of Urogynecology and Reconstructive Pelvic Surgery, University of Iowa Hospitals and Clinics, Iowa City, Iowa

### **Resident Research Presentations**

***Effect of Caprini Risk Assessment Model Integration into Electronic Medical Record on Surgical Venous Thromboembolism Prophylaxis. Sraavya Akella MD*** Department of Obstetrics and Gynecology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

***U500 Insulin for the Management of Severe Insulin Resistance in Pregnancy. Catherine Bachur MD*** Department of Obstetrics and Gynecology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**Utility of Lymphadenectomy in Mucinous Ovarian Carcinoma. Christian Calma MD** Department of Obstetrics and Gynecology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**The Effect of Negative Pressure Wound Therapy use after Cesarean Section. Surbhi Jain MD** Department of Obstetrics and Gynecology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**Identifying Ovarian Cancer with Machine Learning RNA Methylation Pattern Analysis. Douglas Russo MD** Department of Obstetrics and Gynecology, University of Iowa Hospitals and Clinics, Iowa City, Iowa

**Innovations in the Development of Biomarkers for Risk Stratification in Pregnancy. Thomas McElrath MD, PhD** Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, Brigham Women's Hospital – Harvard Medical School, Boston, MA