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Division of Maternal-Fetal Medicine
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Research Activities:

The Division of Maternal-Fetal Medicine includes 5 sub-specialty trained obstetricians along with their support staff of sonographers, medical assistants, counselors, and others that provide both consultative and direct patient care for women with a wide variety of medical or surgical complications of pregnancy. Some of the conditions that might qualify a woman to see a Maternal-Fetal Specialist include a prior history of preterm delivery, multifetal pregnancy (triplets or greater), pre-pregnancy diabetes (Type I or II), chronic hypertension, severe asthma, or advanced maternal age. Additionally, complications that develop during the pregnancy such as inadequate fetal growth, suspected fetal anomaly, premature rupture of the membranes, preterm labor, antepartum hemorrhage, and preeclampsia often necessitate consultation with a Maternal-Fetal Specialist.



Additionally, we provide teaching and oversight for the University of Louisville medical students and the Obstetric and Gynecologic residents-in-training.

One of our primary fetal assessment tools is ultrasound imaging of the fetus. Using ultrasound we are able to visualize (if the fetus



cooperates) and evaluate the major structures within the fetus. We are able to assess the fetus for major structural abnormalities and counsel them regarding prognosis.

Our research interests are varied and include

vaccination protection, identification of patients at risk for preterm labor, hypertension management, prenatal diagnosis, patient safety initiatives, and various maternal outcomes.

Peer-reviewed Publications:

Lang CT, **King JC**. Maternal mortality in the United States. *Best Pract Res Clin Obstet Gynaecol*. 2008 Jun; 22(3): 517-31.

Lang CT, **King JC**. The burden of maternal mortality and morbidity in the United States and worldwide. In *Handbook of Diseases Burden and Quality of Life Measures*, Prof Preedy (ed) Springer-Verlag, Berlin, Chapter 310, 2008.