

MERITER IRB #: 2020-005

RESEARCH PROTOCOL TITLE: Postpartum Ultrasound Evaluation of Inferior Vena Cava, Aorta, and Brachial Artery as Predictors for Persistent Postpartum Hypertension

PRINCIPAL INVESTIGATOR: Jesus Igor Iruretagoyena, MD

STUDY PURPOSE

The purpose of this research project is to see how blood volumes change after a woman has a baby, as measured by the diameter of the large blood vessels of the body (inferior vena cava and aorta) and the arm.

RESEARCH PROCEDURES

We will be studying postpartum women with and without high blood pressure. We also will see if measuring the large blood vessels of the body can predict which patients are at risk for high blood pressure after they have their babies. We will perform three ultrasounds of the chest and arm. Time required would be 45-60 minutes over the days they are in the hospital. There is also an opportunity for an optional blood draw to evaluate and test for small proteins and growth factors in the blood of women with and without hypertension during pregnancy.

ELIGIBILITY CRITERIA FOR SUBJECTS

1. Postpartum female, age >18 years
2. Diagnosis of hypertensive disorder of pregnancy
3. Singleton pregnancy
4. Gestational age at delivery between 24 and 0/7 - 41 and 6/7 weeks gestation
5. Must be willing to enroll in the Postpartum Telehealth Program

COMPENSATION/REIMBURSEMENT

Subjects will be provided two packs of diapers for their participation in this study.

RESEARCH LOCATION

UnityPoint Health – Meriter Hospital
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