

MERITER IRB # 2017-013

RESEARCH PROTOCOL TITLE: Use of NIRS to detect Acute Kidney Injury in preterm neonates

PRINCIPAL INVESTIGATOR: Matthew Harer, MD

STUDY PURPOSE

This study will examine the relationship of oxygen levels, shown with NIRS monitoring, and kidney injury in infants born prematurely. NIRS is a skin sensor which detects the amount of oxen going to different organs, often the kidney.

RESEARCH PROCEDURES

Study participants will have two sensors placed on their skin within 48 hours of birth. One sensor will go over the right flank and the other sensor will be on the forehead. Each sensor will go on top of a skin protectant called Mepitel. The sensors will stay in place recording information until 7 days of age. There will be no follow-up visits necessary.

ELIGIBILITY CRITERIA FOR SUBJECTS

1. Preterm birth < 32 weeks
2. Admission to Meriter NICU < 48 hours of age
3. Application of NIRS sensors < 48 hours of age

COMPENSATION/REIMBURSEMENT

None

RESEARCH LOCATION

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