

**Neuropsychological Dysfunction and Neuroimaging Abnormalities in Neurologically Intact Adult Patients with Sickle Cell Disease**

2005 – present

Multi-center study to investigate the extent of neurocognitive dysfunction in neurologically asymptomatic adult patients with sickle cell disease, association between neurocognitive dysfunction and imaging abnormality, determine if chronic transfusion improves identified abnormalities.

Co-Principal Investigator, responsible for recruitment, medical monitor, follow-up of patients, compliance with administrative and protocol requirements; supervise the adult nurse practitioner who coordinates, collects and reports data for the coordinating center.

**Multi-center Studies for the University of Miami  
Research Site: Studies primarily funded by National  
Institute of Health (NIH) National Lung and Blood  
Institute (NHLBI)**

**Multi-center study on Hydroxyurea in  
Sickle Cell Anemia (MSH Study),**

**Extension1.** 2005 – present

Follow-up to investigate long term effects of hydroxyurea. Co-Principal investigator at University of Miami; participated in the recruitment, medical monitoring, and follow-up of participants according to protocol

**Multi-center study on Hydroxyurea in  
Sickle Cell Anemia Follow-up (MSH Study)**

Follow-up to investigate the effects of prolonged use of Hydroxyurea. Co-Principal

Investigator at the University of Miami, 2003–2004

**Multi-center study on Hydroxyurea in Sickle Cell Anemia (MHS Study),**

Co-Principal Investigator at the University of Miami; Initial study to investigate the effects of Hydroxyurea in decreased rate of hospitalization, diminished frequency and intensity of pain crisis. 1996 – 2000

**Hip Coring Study;** Multi-center study to investigate the efficacy of hip coring versus conventional hip surgery. Medical monitor to screen adult patients for inclusion criteria to participate in the study; 1997 – 2004

**Acute Chest Syndrome Study;** Multi-center study to investigate the progression of acute chest syndrome, in pediatric patients; supervise the adult Nurse Practitioner responsible for monitoring data collection and data reporting to the coordinating center.