

TCR Alpha Beta T-cell Depleted Haploidentical HCT in the Treatment of Non-Malignant Hematological Disorders in Children

NCT04356469

Status	RECRUITING
Phase	Phase 2
Sponsor	Johns Hopkins All Children's Hospital
Enrollment	17 participants

Key Eligibility Criteria

Inclusion (28)

- Severe sickle cell disease (HbSS, HbSC, HbSB0, HbSB+, HbSD, HbSE) with at least one of the following criteria:
 - Cerebrovascular accident lasting longer than 24 hours
 - Impaired neuropsychological function with abnormal brain MRI/MRA
 - Patients with frequent (e 3 per year for preceding 2 years) painful vaso-occlusive episodes
 - Recurrent (e 3 in lifetime) acute chest syndrome events which have necessitated erythrocyte transfusion therapy
- ... and 23 more (see full listing online)

Exclusion (6)

- Participants who have an HLA-matched sibling who is able and willing to donate bone marrow. Patients with a HLA-matched unrelated donors are not excluded.
 - Pregnant or breastfeeding females.
 - Patient has HIV or uncontrolled fungal, bacterial or viral infections.
 - Patient has received prior solid organ transplant.
 - Patient has active GVHD (> grade II) or chronic extensive GVHD due to a previous allograft at the time of inclusion.
- ... and 1 more (see full listing online)

Locations (1 total)

Johns Hopkins All Children's Hospital, St. Petersburg, Florida, United States