

Discarded Bone Marrow for Hematology Research

NCT04671212

Status	RECRUITING
Sponsor	St. Jude Children's Research Hospital
Enrollment	50 participants

Key Eligibility Criteria

Inclusion (4)

- Patients of any age receiving orthopedic surgery for clinical management that involve bone marrow containing bone discard.
- Patients receiving orthopedic surgery for clinical management will be considered for this study if they have the following diagnosis and criteria:
- Homozygous S/S disease or doubly heterozygous for S and α thalassemia who are two years or older are eligible.
- HbE- α thalassemia or homozygous (severe) α thalassemia. including those who are transfusion dependent (major) or severely anemic but relatively transfusion independent (intermedia). Diagnostic criteria include standard hematological parameters, red cell indices, hemoglobin electrophoresis and quantitative determination of HbF and HbA2.

Exclusion (9)

- Active, acute manifestations of sickle cell disease including painful crisis, acute chest syndrome, cerebrovascular events or active infection.
- Pregnant women will not be eligible for study enrollment
- Inability or unwillingness of the research participant or legal guardian/representative to give written informed consent will preclude enrollment on this research protocol.
- Platelet count $< 150,000/mm^3$
- Neutrophil count $< 2000/mm^3$
- ... and 4 more (see full listing online)

Locations (1 total)

St. Jude Children's Research Hospital, Memphis, Tennessee, United States