

## MT2021-08: Phase II, Open-Label, Prospective Study of T Cell Receptor Alpha/Beta Depletion (A/B TCD) Peripheral Blood Stem Cell (PBSC) Transplantation for Children and Adults with Hematological Malignancies

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male or Female

**Age Group:** Not specified

This study is NOT accepting healthy volunteers

**Inclusion Criteria:**

- hematological cancer needing stem cell transplant - 60 years old or younger

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**Exclusion Criteria:**

- pregnant or breast feeding - active infection - positive for HIV, Hepatitis B or C - brain metastasis

### Conditions & Interventions

**Conditions:**

Cancer

**Keywords:**

Hematologic Malignancy, Leukemia, Stem Cell Transplant, Clinics and Surgery Center (CSC)

### More Information

**Description:** The research aspect of this trial is the use of a new machine to remove specific lymphocytes from the donor's peripheral blood stem cells (PBSCs). This is called T cell receptor alpha/beta T cell depletion. This machine does such a good job at removing the unwanted donor T cells, and as a result we think patients will need fewer drugs to suppress their immune system.

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**IRB**

**Number:** STUDY00016450

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