

TBI/Flu/Bu/Mel Combined With Secondary UCBT in Patients With Hematological Malignancies Who Relapsed After Allo-HSCT

NCT06125483

Status	RECRUITING
Phase	Not Applicable
Sponsor	The First Affiliated Hospital of Soochow University
Enrollment	38 participants

Key Eligibility Criteria

Inclusion (8)

- Gender is not limited, patients between 10 to 65 years old (including critical value);
 - According to the WHO diagnostic criteria, the diagnosis of hematological malignancies (acute lymphoblastic leukemia, acute / chronic myeloid leukemia, etc.) was confirmed by bone marrow puncture or biopsy after allogeneic hematopoietic stem cell transplantation. The definition of relapse includes the proportion of bone marrow blast cells $> 5\%$, blast cells in peripheral blood (excluding the use of G-CSF and GM-CSF), or extramedullary leukemia infiltration;
 - Planned to received umbilical cord blood transplantation;
 - The indexes of cardiac function, liver and kidney function were within the following limits:(1) Alanine aminotransferase (ALT) and aspartate aminotransferase (AST) $\leq 3 \times$ Upper limit of normal (ULN); (2) Total bilirubin $\leq 3 \times$ ULN; (3) Serum creatinine $\leq 2 \times$ ULN or creatinine clearance ≥ 40 mL/min; (4) Left ventricular ejection fraction (LVEF) as measured by echocardiography or multi-gated acquisition (MUGA) scan is within the normal range ($> 50\%$);
 - Umbilical cord blood with HLA match $\geq 6/10$;
- ... and 3 more (see full listing online)

Exclusion (7)

- Patients had serious adverse reactions to investigational drugs such as allergies;
 - Patient was complicated with pulmonary infection, which was confirmed by imaging to be progressive;
 - Patients with hypertension, ventricular arrhythmia requiring clinical intervention, acute coronary syndrome, congestive heart failure, stroke, or other grade III or higher cardiovascular events within 6 months;
 - Patients with active viral infections, including HIV, HBV, HCV, TP;
 - Pregnant or lactating patients;
- ... and 2 more (see full listing online)

Locations (1 total)

The First Affiliated Hospital of Soochow university, Suzhou, Jiangsu, China