

## MT2022-27: TRANSPIRE: Lung Injury in a Longitudinal Cohort of Pediatric HSCT Patients

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male or Female

**Age Group:** Up to 24 years old

This study is NOT accepting healthy volunteers

**Inclusion Criteria:**

- up to 24 years old - undergoing allogeneic or autologous HSCT

### Conditions & Interventions

**Conditions:**

Breathing, Lung & Sleep Health

**Keywords:**

Diffuse Alveolar Hemorrhage, Hematopoietic Stem Cell Transplant (HSCT), Interstitial Pneumonitis

### More Information

**Description:** People planning to undergo a bone marrow transplant and are at risk for developing problems with the lungs related to this planned therapy. The types and seriousness of lung problems that may develop after transplant can be very different and currently, we don't exactly know what risk factors influence who develops them or how they may respond to therapy. Also, we do not know what the best test is to monitor lung function after transplant, especially in children and young adults. The purpose of this study is to help investigators learn more about lung problems after bone marrow transplant including what is the best method for diagnosing lung problems and following how well the lungs are working. In this study, clinical information, laboratory results and imaging findings will be collected from medical records to assist researchers in learning more about lung complications after bone marrow transplant.

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**IRB**

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