

Evaluating Clonogenic Epithelial Cell Populations in Patients With Bronchiolitis Obliterans Syndrome

NCT04604522

Status RECRUITING
Sponsor M.D. Anderson Cancer Center
Enrollment 15 participants

Key Eligibility Criteria

Inclusion (11)

- Allo-HCT recipients undergoing a bronchoscopy at MDACC who consent to undergoing study airway brushings in addition to clinically indicated bronchoscopic procedures (e.g. bronchoalveolar lavage)
- patients with advanced BOS - forced expiratory volume in one second (FEV1) \leq 75% predicted and meeting other National Institutes of Health (NIH) criteria (FEV1/forced vital capacity [FVC] ratio 0.7, presence of air trapping or graft versus host disease [GVHD] of another organ)
- patient with early BOS - at least 10% decline in FEV1 from baseline values, with FEV1 \geq 75% predicted, and 1 high-risk feature:
 - Active systemic chronic GVHD with new early airflow obstruction OR
 - Respiratory viral infection in last three months with resolution of viral symptoms but new airflow obstruction
- ... and 6 more (see full listing online)

Exclusion (2)

- Bronchoscopy performed on emergency basis for life-threatening issues as opposed to routine diagnostic testing
- Patient unwilling to give consent for study airway brushings

Locations (1 total)

M D Anderson Cancer Center, Houston, Texas, United States