

# Developing Hyperpolarized Gas MRI Signatures to Detect and Manage Acute Cellular Rejection

NCT07046910

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Status	RECRUITING
Phase	Phase 2
Sponsor	University of Virginia
Enrollment	60 participants

## Key Eligibility Criteria

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### Inclusion (16)

- All subjects must be willing to participate and undergo the procedure, and be managed as outpatients
- HXe MRI-specific Inclusion
- All patients who successfully underwent a lung transplant at the University of Virginia
- Followed by the medical lung transplant team for the post-lung transplant rejection surveillance program at the University of Virginia
- a clinical diagnosis of lung transplant within the past 12 months
- ... and 11 more (see full listing online)

### Exclusion (21)

- <!-- -->
- Unable to Consent
- Continuous oxygen use at home.
- Blood oxygen saturation of less than 92% as measured by pulse oximetry on the day of imaging.
- FEV1 percent predicted less than 25%.
- ... and 16 more (see full listing online)

## Locations (1 total)

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University of Virginia, Charlottesville, Virginia, United States