

# Triple EIT (Electrical Impedance Tomography)

NCT07247474

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**Status** RECRUITING  
**Sponsor** University of Colorado, Denver  
**Enrollment** 140 participants

## Key Eligibility Criteria

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### Inclusion (10)

- weeks to 25 years of age
- evidence of cardiopulmonary disease including, but not limited to:
- Post-prematurity respiratory disease
- Congenital diaphragmatic hernia
- Pulmonary Hypertension
- ... and 5 more (see full listing online)

### Exclusion (5)

- <2 weeks of age
- Anything that interferes with lead placement on the chest wall (such as, dermatologic conditions, multiple chest tubes, anatomic abnormality, or large dressings that cannot be moved)
- No informed consent
- Pregnant or lactating
- Pacemaker or other metal intrathoracic surgical implant (causes noise in the data)

## Locations (1 total)

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Children's Hospital Colorado, Aurora, Colorado, United States