

# Study on Ventilation Distribution With Electrical Impedance Tomography for Paediatric Respiratory Failure

NCT05347563

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**Status** RECRUITING  
**Sponsor** Hospices Civils de Lyon  
**Enrollment** 250 participants

## Key Eligibility Criteria

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### Inclusion (9)

- Groupe A
- children < 18 years
- Admitted to the PICU with acute respiratory failure
- Monitoring with EIT
- non opposition of parents or legal representative Groupe B
- ... and 4 more (see full listing online)

### Exclusion (4)

- Monitor not available
- contra indication to the use of thoracic belt
- Intraoperative period with use of electrocautery
- Child not affiliated to a social security system and under protective measures legal

## Locations (4 total)

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Hôpital Femme Mère Enfant Service de néonatalogie et réanimation néonatale, Bron, Rhone, France  
Hôpital Femme Mère Enfant Service de réanimation et d'urgence pédiatrique, Bron, Rhone, France  
Paediatric intensive care Unit, Bron, Rhone, France  
... and 1 more locations