

Ultrasound assessment of the diaphragm in healthy volunteers

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Status RECRUITING
Sponsor Federico Longhini
Enrollment 300 participants

Plain Language Summary

This study is using ultrasound to measure the movement and thickness of the diaphragm — the main breathing muscle — in healthy people. While ultrasound is already used to check the diaphragm in ICU patients, doctors don't yet have good normal reference values from healthy people. By studying at least 300 healthy volunteers, researchers hope to build a reliable set of normal measurements to compare against when patients are unwell.

You may be eligible if:

- You are 18 years of age or older
- You are in generally good health

You may NOT be eligible if:

- You have a neuromuscular disease
- You have a chronic respiratory condition (e.g., COPD, asthma)
- You are on long-term corticosteroid therapy

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- We consider eligible all healthy subjects with an age equal or greater than 18 years

Exclusion (1)

- Subjects will be excluded if meeting one or more of the following criteria: 1) neuromuscular disease, 2) chronic respiratory disease or 3) chronic corticosteroid therapy

Locations (1 total)

Vercelli, Italy