

Effect of Coughing Exercises Versus Incentive Spirometry on Respiratory Function and Recovery in Children After Cardiac Surgery.

NCT07405333

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Baghdad
Enrollment	99 participants

Key Eligibility Criteria

Inclusion (4)

- Inclusion Crit
- Children aged 6 to 18 years scheduled for elective cardiac surgery.
- Postoperative extubation within 24 hours and judged clinically stable to begin respiratory therapy.
- Hemodynamically stable.

Exclusion (4)

- Pre-existing moderate-to-severe chronic lung disease requiring baseline oxygen therapy.
- Neuromuscular disorders significantly impairing cough/inspiratory effort.
- Emergency surgery, ongoing major bleeding.
- Prolonged mechanical ventilation >72 hours or tracheostomy on admission.

Locations (4 total)

Ibn Al-Bitar Specialized Hospital for Cardiac Surgery, Baghdad, Baghdad Governorate, Iraq
Ibn Al-Nafis Hospital for Cardiac, Thoracic and Vascular Surgery, Baghdad, Baghdad Governorate, Iraq
Iraqi Center for Heart Diseases, Baghdad, Baghdad Governorate, Iraq
... and 1 more locations