

# Ultrasound Guided Bilateral Pectoral Nerve Block Versus Bilateral Transverse Thoracic Plane Block In Pediatric Patients Undergoing Corrective Cardiac Surgeries Requiring Cardiopulmonary Bypass Via Median Sternotomy

NCT06984276

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Cairo University
Enrollment	81 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Age: 6 months - 7 years.
- Gender: both sexes .
- Risk Adjustment for Congenital Heart Surgery (RACHS) II and III.
- Patients undergoing cardiac surgeries requiring cardiopulmonary bypass with midline sternotomy incision.

### Exclusion (12)

- Patients whose parents or legal guardians refuse to participate.
  - Preoperative mechanical ventilation.
  - Patients in coma, mental retardation, neurological disease, or on drugs affecting the behaviour.
  - Preoperative inotropic drug infusion.
  - (Bleeding disorders (drug induced i.e., coumadin; or genetic e.g. hemophilia; or acquired e.g. disseminated intravascular coagulation \[DIC\]), coagulopathy: Partial Thromboplastin Time (PTT)  $\gt$  40 seconds, International Normalized Ratio (INR)  $\gt$  1.4, platelet count  $\lt$   $100 \times 10^9$ ).
- ... and 7 more (see full listing online)

## Locations (1 total)

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Cairo University, Cairo, Egypt