

Effective Myocardial Protection Time of Del Nido Cardioplegia in Adult Cardiac Surgery

NCT07249424

Status RECRUITING
Sponsor Muhammet Talha Ceran, MD
Enrollment 80 participants

Key Eligibility Criteria

Inclusion (5)

- Age 18-80 years
- Elective valve surgery (aortic, mitral, tricuspid), thoracic aortic surgery, or combined valve + thoracic aortic procedures
- Planned cardiopulmonary bypass (CPB) with aortic cross-clamp (ACC)
- Use of Del Nido cardioplegia per institutional routine
- Ability to provide written informed consent (participant or legally authorized representative)

Exclusion (13)

- Isolated CABG or CABG-dominant combined procedures
- Redo sternotomy
- Emergency status (including shock) or preoperative mechanical circulatory support (IABP or ECMO), or anticipated need for such support
- Left ventricular ejection fraction $\leq 35\%$
- Estimated GFR ≤ 45 mL/min/1.73 m²
- ... and 8 more (see full listing online)

Locations (1 total)

Necmettin Erbakan University Meram Faculty of Medicine, Konya, Konya, Turkey (Türkiye)