

# Diuretic Effect of Aminophylline and Furosemide in Adult Patients Undergoing Cardiac Surgical Procedures

NCT07348510

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Cairo University
Enrollment	106 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Age from 18-65 years.
- Both sexes.
- All adult patients presenting for elective cardiac surgical procedures performed on cardiopulmonary bypass (Coronary artery bypass surgery, Cardiac valve repair and/or replacement, Repair of large septal defects, Repair and/or palliation of congenital heart defects, Transplantation, surgery of thoracic aneurysms.).
- Body mass index (BMI) ranged between 20 and 40 kg/m<sup>2</sup>.

### Exclusion (7)

- Sensitivity or contraindication to Aminophylline or furosemide
- Stage-5 chronic kidney disease (CKD) \[Glomerular filtration rate (GFR) of less than 15 mL/min\].
- The presence of both factors (GFR less than 60 mL/min and albumin greater than 30 mg per gram of creatinine) along with abnormalities of kidney structure or function for greater than three months signifies chronic kidney disease.
- Recipients of dialysis before surgery.
- Recipients of solid-organ transplantation before surgery.
- ... and 2 more (see full listing online)

## Locations (1 total)

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Cairo University, Cairo, Egypt