

SGC Stimulation, Perioperative Vascular Reactivity, and Organ Injury in Cardiac Surgery

NCT05812755

Status	RECRUITING
Phase	Phase 4
Sponsor	Vanderbilt University Medical Center
Enrollment	170 participants

Key Eligibility Criteria

Inclusion (2)

- Age ≥18 years
- Elective open-heart surgery, defined as surgery on the heart or aorta that requires sternotomy or thoracotomy

Exclusion (14)

- Intolerance to vericiguat
- Use of other soluble guanylyl cyclase stimulators or current use of phosphodiesterase-5 inhibitors
- Pregnancy or breast feeding. Pregnancy will be excluded in women of child-bearing potential by a urine or serum beta hcg test
- Renal replacement therapy within 30 days prior to screening
- Estimated glomerular filtration rate <15 ml/min per 1.73 m² per Chronic Kidney Disease Epidemiology collaboration (CKD-EPI) equation at time of screening
- ... and 9 more (see full listing online)

Locations (1 total)

Vanderbilt University Medical Center, Nashville, Tennessee, United States