

Use of Mechanical Left ventricular Unloading in Complex Higher-risk Indicated Procedures

NCT07380217

Status	RECRUITING
Phase	Not Applicable
Sponsor	Amsterdam UMC, location VUmc
Enrollment	98 participants

Key Eligibility Criteria

Inclusion (5)

- Age ≥18 years AND
- Multidisciplinary heart team consensus for high risk PCI +/- MCS AND
- Hemodynamically stable (SCAI A-B) AND
- LVEF <30% OR LVEF <35% with moderate MR OR LVEF <40% with severe MR AND
- Complex left main disease (calcium modifying techniques deemed necessary OR 2-stent techniques, left dominant system) OR equivalent (ostial LAD and RCX) OR last remaining vessel (native).

Exclusion (15)

- Contraindications for Pulsecath IVAC2L:
- severe aortic regurgitation
- known presence of an LV thrombus (contrast echo/MRI)
- Mechanical aorta valve prosthesis
- severe aortic valve stenosis
- ... and 10 more (see full listing online)

Locations (8 total)

Amsterdam University Medical Center, Amsterdam, Netherlands
Zuyderland, Geleen, Netherlands
University Medical Center Groningen, Groningen, Netherlands
... and 5 more locations