

# A Single Centre Study Comparing Continuous Interstitial Fluid Lactate Detection to Standard Measurements of Lactate in Patients Undergoing Elective Coronary Artery Bypass Graft Surgery and/or Valve Replacement.

NCT06602336

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Queen Mary University of London
Enrollment	50 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Able and willing to give informed consent
- 18 to 90 years old
- Successful surgery as defined by the below criteria (which will be recorded in the eCRF):
- Operative Success: The successful completion of coronary artery bypass grafting (CABG) and/or valve insertion with grafts and/or valves
- Absence of the following complications:  
... and 2 more (see full listing online)

### Exclusion (15)

- Previous coronary artery bypass grafting
- Recent acute coronary syndrome (within 4 weeks of planned consent date)
- Heart failure with EF less than 35% (from TTE or CT from past 6 months - if both available lower value will be used).
- Chronic severe renal failure (estimated eGFR less than 30 mL/min/1.73m<sup>2</sup> by the MDRD formula recorded at time of consent)
- Severe anaemia (Hb less than 10 recorded at time of consent)  
... and 10 more (see full listing online)

## Locations (1 total)

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Barts Health, London, United Kingdom