

Impact of Personalised Cardiac Anaesthesia and Cerebral Autoregulation on Neurological Outcomes in Patients Undergoing Cardiac Surgery

NCT05595954

Status RECRUITING
Sponsor University Hospital, Basel, Switzerland
Enrollment 500 participants

Key Eligibility Criteria

Inclusion (1)

- Elective primary or reoperative coronary artery bypass graft and/or valvular and/or ascending aorta surgery requiring cardiopulmonary bypass.

Exclusion (6)

- Surgery requiring moderate (28-31.9°C) or deep (<28°C) hypothermic circulatory arrest;
- Heart and/or lung transplantation;
- Urgent (within 24 hours) and emergency surgery;
- Inability to follow procedures or insufficient knowledge in English, German or French;
- Inability to give consent.

... and 1 more (see full listing online)

Locations (4 total)

Clinic for Anaesthesia, Intermediate Care, Prehospital Emergency Medicine and Pain Therapy, University Hospital Basel, Basel, Switzerland

Inselspital, Bern University Hospital, Bern, Switzerland

Cambridge University Hospitals and Brain Physics Lab, Cambridge, United Kingdom

... and 1 more locations