

Association of Intraoperative Blood Pressure Excursions Below Cerebral Autoregulatory Boundaries With Organ Injury Following Major Noncardiac Surgery

NCT05336864

Status RECRUITING
Sponsor University Hospital, Basel, Switzerland
Enrollment 650 participants

Key Eligibility Criteria

Inclusion (24)

- undergoing major noncardiac surgery in general anesthesia will be included. Major noncardiac surgery is defined as:
 - vascular surgery (with the exception of arteriovenous shunt, vein stripping procedures and carotid endarterectomies)
 - intraperitoneal surgery
 - intrathoracic surgery
 - major orthopedic surgery
- ... and 19 more (see full listing online)

Exclusion (6)

- pregnancy (anamnestic)
 - emergent surgery
 - urological surgery
 - renal insufficiency with creatinine clearance < 30 ml/min (Cockcroft- Gault equation) or on dialysis
 - inclusion in an interventional clinical trial with any common endpoints: acute kidney injury, perioperative myocardial injury, components of the composite major cardiovascular, renal and neurological complications up to 1 year following surgery (ACS, CHF, coronary revascularization, stroke, new CKD or progression of CKD, new need for renal replacement therapy, mortality), neurological injury, delirium, exception: potential inclusion of subset of patients in RCT investigating the perioperative use of colchicine in major noncardiac surgery (COLCAT study).
- ... and 1 more (see full listing online)

Locations (3 total)

University Hospital Basel, Clinic for Anaesthesia, Intermediate Care, Prehospital Emergency Medicine and Pain Therapy, Basel, Switzerland
Inselspital, Bern University Hospital, Department of Anaesthesiology and Pain Medicine, Bern, Switzerland
Cantonal Hospital St. Gallen, Division of Perioperative Intensive Care Medicine, Sankt Gallen, Switzerland

<https://clinicaltrials.gov/study/NCT05336864>

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