

COmbined pLaTelet and eRythrocyte AutotransfusioN During Car-diac surgEry (COLTRANE) Trial

NCT06425614

Status	RECRUITING
Phase	Not Applicable
Sponsor	University Hospital, Bordeaux
Enrollment	570 participants

Key Eligibility Criteria

Inclusion (5)

- Adult patients (≥18 yr) affiliated or beneficiary of a social security scheme and undergoing on-pump cardiac surgery at high risk for bleeding with autotransfusion indication defined as:
- Primary or redo combined cardiac procedures (2 valves or more, valve(s) and coronary artery bypass grafting(s))
- Primary or redo ascending aorta surgery
- Primary or redo isolated coronary artery bypass grafting (iCABG) involving 3 or more grafts using the internal mammary artery
- Free, informed and written consent signed by the participant and the investigator

Exclusion (19)

- Preoperative therapy by P2Y12 receptor inhibitors (within 5 preoperative days for clopidogrel, ticagrelor or ticlopidine, within 7 preoperative days for prasugrel, and within one preoperative hour for cangrelor)
- Preoperative treatment by active anticoagulant drug (within 5 preoperative days for VKA, 4 days for dabigatran, 3 days for rivaroxaban and apixaban, 24 hours for therapeutic LMWH, 36 hours for therapeutic fondaparinux, 12 hours for prophylactic LMWH, 24 hours for prophylactic fondaparinux, 4 hours for unfractionated heparin Sepsis)
- Malignant tumor
- Immunocompromised patients (steroids, immunosuppressive drugs, ongoing treatment for solid tumor or hematologic malignancy, primary immunodeficiency disorders, AIDS)
- Emergency cardiac surgery

... and 14 more (see full listing online)

Locations (10 total)

CHU de Bordeaux, Hôpital cardiologique Haut Lévêque - GH Sud, Service Anesthésie Réanimation Cardiovasculaire, Bordeaux, France, France

HOSPICES CIVILS DE LYON, Hôpital Louis Pradel, Service Anesthésie Réanimation, Bron, France

CHU MONTPELLIER, Hôpital Arnaud de Villeneuve, Service Anesthésie Réanimation Arnaud de Villeneuve, Montpellier, France

... and 7 more locations

<https://clinicaltrials.gov/study/NCT06425614>

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