thrombocyte function after elective CABG with CPB

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON27232

Source
Nationaal Trial Register

Brief title
thrombofuel CC

Health condition

platelet function (platjes functie), cardiac surgery (hart chirurgie), platelet function recovery (platejs funtcie herstel)

Sponsors and support

Primary sponsor: Maastricht University Medical Center
Source(s) of monetary or material Support: no external funding

Intervention

Outcome measures

Primary outcome

Multiple impedance electrode aggregometry (MEA- Multiplate multiple impedance aggregometry Dynabyte Medical, Munich, Germany), Light transmission aggregometry (LTA- platelet aggregometer PAR-4, Hart Biologicals Ltd., Hartlepool UK)

Secondary outcome

Clinical parameters of bleeding (blood loss and transfusion requirements within the first 24 hours postoperative).

Study description

Background summary

Microvascular bleeding following coronary artery bypass surgery with cardiopulmonary bypass is frequently associated with platelet count and platelet function abnormalities. Aim of the study is to investigate in an observational study the platelet functon using multiple electrode impedance aggregometry and light transmission aggrogometry.

Study objective

thrombocyte function recovers quickly after cardiopulmonary bypass.

Study design

before, immediately at the end and 24 hrs after CPB samples will be drawn and analyzed after a short period of rest (30-45 min).

Intervention

The use of cardiopulmonary bypass during elective coronary artery bypass operations.

Contacts

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Eligibility criteria

Inclusion criteria

elective patients scheduled for CABG
more than 250.00 thrombocyte/mcl

Exclusion criteria

low thrombocyte count (below 250.000/mcl)
use of platelet inhibitors other tha aspirine
known thrombocytes dysfunction

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	14-10-2013
Enrollment:	20

Type:	Anticipated

Ethics review

Positive opinion

Date:	08-10-2013
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL4093
NTR-old	NTR4238
Other	: METC-12-4-111
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A