Studie naar de relatie tussen elektrische signalen, bloedwaarden en weefsel eigenschappen en het ontwikkelen van boezemfibrilleren.

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON23418

Source
NTR

Brief title
HALT & REVERSE

Health condition

Atrial Fibrillation
Epicardial Mapping
Heat Shock Protein
Cardiac Surgery
Pulmonary Vein Isolation
Electrical Cardioversion

Sponsors and support

Primary sponsor: Grant from the european union
Source(s) of monetary or material Support: european union

Intervention

Outcome measures

Primary outcome

Main endpoint of the study is development or recurrence of AF, or completion of five year follow up period. We will test the correlation between HSP levels and development or recurrence of AF, and the correlation between degree of electropathology and development/recurrence of AF.

Secondary outcome

The relationship between the atrial conduction pattern as visualised by epicardial mapping and structural tissue characteristics will be tested.

Study description

Study objective

Patient with a low baseline HSP level are more likely to have atrial electropathology and to develop postprocedural atrial fibrillation.

Study design

T = 0: procedure

Follow up:

T = 1: 6 mo

T = 2: 12 mo

T = 3: 24 mo

T = 4: 36 mo

T = 5: 48 mo

T = 6: 60 mo

Intervention

In patients undergoing cardiac surgery:

- Epicardial mapping

- Biopsie atrial appendage

In patients undergoing pulmonary vein isolation:

- Endovascular mapping

In all patients: bloodsamples for HSP determination

Contacts

Public
's Gravendijkwal 230

N.M.S. Groot, de
Erasmus MC, afdeling Cardiologie, Kamer BA-579
Rotterdam 3015 CE
The Netherlands
+31 (0)10 7034479
Scientific
's Gravendijkwal 230

N.M.S. Groot, de
Erasmus MC, afdeling Cardiologie, Kamer BA-579
Rotterdam 3015 CE
The Netherlands
+31 (0)10 7034479

Eligibility criteria

Inclusion criteria

Adult (>18 yr) patients undergoing elective cardiac surgery, pulmonary vein isolation or electric cardioversion

Exclusion criteria

Paced Atrial Rhythms

Hemodynamic Instability

Presence of Assist Devices

Usage of Inotropic Agents

Emergency Cardiac Surgery

Redo Cardiac Surgery

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	01-09-2014
Enrollment:	300
Type:	Anticipated

Ethics review

Not applicable

Application type:	Not applicable

Study registrations

Followed up by the following (possibly more current) registration

ID: 53108
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL4524
NTR-old	NTR4658
CCMO	NL49785.078.14
OMON	NL-OMON53108

Study results