

# Cardiologic prophylaxis for Contrast Induced Nephropathy (CarCIN-trial)

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Other
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON25782

### Source

Nationaal Trial Register

### Brief title

CarCIN-trial

### Health condition

- contrast induced nephropathy
- aortic valve stenosis

## Sponsors and support

**Primary sponsor:** Academic Medical Center (AMC) Amsterdam, Department of Cardiology

**Source(s) of monetary or material Support:** Academic Medical Center (AMC) Amsterdam, Department of Cardiology

## Intervention

## Outcome measures

### Primary outcome

Mean increase in level of serum creatinine 2-5 days after contrast administration

### Secondary outcome

- 1) acute kidney injury defined as an increase in serum creatinine of >25% or 44  $\mu\text{mol}$  2-5 days after contrast administration,
- 2) need for renal replacement therapy

## Study description

### Intervention

Patients will be randomised on a 1:1 ratio in two different hydration protocols:

Arm 1) 1 hour I sodiumbicarbonate ( $\text{NaHCO}_3$ , 1.4%, 3 ml/kg/1hour))

or

Arm 2) a 24 hour saline ( $\text{NaCl}$  0.9%, 1 ml/kg/hour)

## Contacts

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## Eligibility criteria

### Inclusion criteria

- Patient is planned for Contrast enhanced CT and/or TAVI-procedure

- eGFR < 60 ml/min/1.73m<sup>2</sup>
- written informed consent

## Exclusion criteria

- M. Kahler / M. Waldenström
- 

## Study design

### Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

### Recruitment

NL	
Recruitment status:	Other
Start date (anticipated):	01-01-2015
Enrollment:	80
Type:	Unknown

## Ethics review

Positive opinion	
Date:	19-12-2014
Application type:	First submission

## Study registrations

## Followed up by the following (possibly more current) registration

ID: 43732

Bron: ToetsingOnline

Titel:

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

No registrations found.

## In other registers

Register	ID
NTR-new	NL4769
NTR-old	NTR5014
CCMO	NL50955.018.14
OMON	NL-OMON43732

## Study results