The calcification propensity of uremic patients on hemodialysis.

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON28230

Source Nationaal Trial Register

Health condition

Calcification propensity. Dialysis. Vascular Calcification.

Sponsors and support

Primary sponsor: Maastricht University Medical Center
PO Box 5800
6202 AZ Maastricht, The Netherlands
Source(s) of monetary or material Support: unrestricted grant from Fresenius MC, Bad
Homburg, Germany

Intervention

Outcome measures

Primary outcome

Calcification propensity of the serum measured by the transformation time from primary to secondary calciprotein particles (T50).

Secondary outcome

Increased vascular velocity measured by a pulse wave velocity meter.

Study description

Study objective

The use of lower concentrations of calcium dialysate and the use of calcium citrate dialysate improves calcicifaction propensity of serum of hemodialysis patients.

Study design

Change in dialysate composition will be during 1 week on dialysis.

Intervention

Change in dialysate calcium concentration and using calcium-citrate dialysate.

Contacts

Public

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Eligibility criteria

Inclusion criteria

Prevalent HD patients with a dialysis vintage of at least 3 months.

Hemodynamically stable on dialysis.

AV-fistula enabling double-needle vascular access with a blood flow rate of at least 300 ml/min. Age above 18 years of age. Informed consent.

Exclusion criteria

Withdrawal of consent

Acute intercurrent illness (infection, malignancy, cardiovascular event, uncontrolled diabetes)

Long QT syndrome

Frequent intra-dialytic hypotension (>10% of treatments)

Study design

Design

Study type:InterventionalIntervention model:CrossoverAllocation:Randomized controlled trialMasking:Open (masking not used)Control:N/A , unknown

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	28-04-2017

3 - The calcification propensity of uremic patients on hemodialysis. 13-05-2025

Enrollment:	20
Туре:	Actual

Ethics review

Positive opinion	
Date:	23-04-2015
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 44984 Bron: ToetsingOnline Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL5094
NTR-old	NTR5226
ССМО	NL53094.068.15
OMON	NL-OMON44984

Study results