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Wall thickness measurement by ultrasonography as a predictor for arteriovenous fistula function in haemodialysis patients

Submission date 27/02/2007	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 27/02/2007	**Overall study status** Completed	
Last Edited 27/02/2007	**Condition category** Urological and Genital Diseases	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N/A

Study information

Scientific Title

Study objectives
Research to investigate whether ultrasonographically and histologically measured radial artery wall thickness are comparable, and whether this wall thickness is predictive for maturation of arteriovenous fistulas in haemodialysis patients.

Hypothesis:
Radial artery wall thickness is predictive for arteriovenous fistula maturation and can be measured by means of ultrasonography.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics approval received from the local medical ethics committee

Study design
Non-randomised, non-controlled, parallel group, clinical trial

Primary study design
Interventional

Study type(s)
Diagnostic

Health condition(s) or problem(s) studied
Chronic renal insufficiency

Interventions
Excision biopsy of a small piece of the radial artery during operation.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Similarity between ulrasonographically measured and histologically measured radial artery wall thickness
2. Patency rates

Key secondary outcome(s))
No secondary outcome measures

Completion date

31/12/2005

Eligibility

Key inclusion criteria
1. Chronic renal failure and requirement of an arteriovenous fistula
2. Age 18 years or older
3. Informed consent

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
Not Specified

Key exclusion criteria
1. Age less than 18 years
2. Placement of vascular access prosthesis
3. Unable to sign written informed consent

Date of first enrolment
01/01/2005

Date of final enrolment
31/12/2005

Locations

Countries of recruitment
Netherlands

Study participating centre
University Medical Centre Utrecht (UMCU)
Utrecht
Netherlands
3508 GA

Sponsor information

Organisation
University Medical Centre Utrecht (UMCU) (The Netherlands)

ROR
https://ror.org/04pp8hn57

Funder(s)

Funder type
Charity

Funder Name
Dutch Kidney Foundation (Nierstichting Nederland) (The Netherlands)

Alternative Name(s)
Dutch Kidney Foundation

Funding Body Type
Private sector organisation

Funding Body Subtype
Trusts, charities, foundations (both public and private)

Location
Netherlands

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration