

Machine perfusion preservation versus cold storage of cadaveric kidneys for transplantation

Submission date 14/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 25/01/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 19/03/2019	Condition category Surgery	<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Prof Rutger J Ploeg

Contact details
University Medical Center
Department of Surgery
PO Box 30001
Groningen
Netherlands
9700 RB
+31 (0)50 3614430
r.j.ploeg@chir.umcg.nl

Additional identifiers

Protocol serial number
TR 811/1-1

Study information

Scientific Title
Machine perfusion preservation versus cold storage of cadaveric kidneys for transplantation

Acronym

Machine Preservation Trial

Study objectives

Machine perfusion reduces the rate of delayed graft function following kidney transplantation compared to cold storage

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Kidney insufficiency

Interventions

One kidney of each donor is randomised to machine perfusion, the other kidney will be cold stored

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

Delayed graft function defined by necessity of dialysis in the first 7 days post transplant

Key secondary outcome(s))

1. Decrease of creatinine
2. Rejection rates
3. Graft survival
4. Economics

Completion date

31/10/2006

Eligibility**Key inclusion criteria**

Every deceased donor older than 15 years will be included

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Combined transplantations

Date of first enrolment

01/11/2005

Date of final enrolment

31/10/2006

Locations

Countries of recruitment

Germany

Netherlands

Study participating centre

University Medical Center

Groningen

Netherlands

9700 RB

Sponsor information

Organisation

Organ Recovery Systems Inc. (USA)

ROR

<https://ror.org/05hy2kb37>

Funder(s)

Funder type

Industry

Funder Name

Organ Recovery Systems Inc. (USA)

Funder Name

German Research Foundation (Deutsche Forschungsgemeinschaft) (DFG) (Germany)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/01/2009		Yes	No
Results article	results	01/06/2011		Yes	No
Results article	results	01/08/2018		Yes	No