Mechanisms of transiently impaired renal function during liver transplantation

Submission date	Recruitment status	Prospectively registered
21/06/2008	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
12/09/2008	Completed	Results
Last Edited	Condition category	Individual participant data
12/09/2008	Urological and Genital Diseases	Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number

CER 03-159; SHR 369-08

Study information

Scientific Title

Renal function during the perioperative period of liver transplantation

Study objectives

Hyperreninism is the major mediator of transient and acute anuria during the anhepatic phase of liver transplantation.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics Committee of the Geneva University Hospitals (Commission central d'éthique de la recherche sur l'être humain des HUG). Date of approval: 24/01/2004 (ref: CER 03-159)

Study design

Observational, prospective, cross-sectional study

Primary study design

Observational

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Liver transplantation

Interventions

Observational study: Blood sampling for biologic assessment of renal function at the time of inclusion in the waiting list, at the time of anaesthesia induction on the day of liver transplantation, during the anhepatic phase, 24 hours later and finally at 6 months.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Renal function: plasma renin activity, assessed in all blood samples (see Interventions).

Key secondary outcome(s))

The following were assessed in all blood samples (see Interventions):

- 1. Cystatin C
- 2. Natraemia

Completion date

01/01/2008

Eligibility

Kev inclusion criteria

- 1. Both males and females
- 2. Age 17-70 years
- 3. Patients scheduled for liver transplantation

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Incapacity to comprehend the study protocol

Date of first enrolment

01/08/2004

Date of final enrolment

01/01/2008

Locations

Countries of recruitment

Switzerland

Study participating centre Hopitaux Universitaires de Geneve

Geneva Switzerland 1211

Sponsor information

Organisation

Geneva University Hospitals (Hôpitaux Universitaires de Genève) (Switzerland)

ROR

https://ror.org/01m1pv723

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Geneva University Hospitals (Hôpitaux Universitaires de Genève) (Switzerland)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summaryNot provided at time of registration