

# Angiotensin Converting Enzyme (ACE) inhibitors in renal transplant recipients with left ventricular hypertrophy

<b>Submission date</b> 15/03/2007	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 29/03/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 28/10/2022	<b>Condition category</b> Circulatory System	<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 Giuseppe Cannella

### Contact details

Divisione di Nefrologia, Dialisi e Trapianto  
Azienda Ospedaliera Universitaria S.Martino

Genova

Italy

16132

-

giuseppe.cannella@hsanmartino.it

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

# Study information

## Scientific Title

Angiotensin Converting Enzyme (ACE) inhibitors in renal transplant recipients with left ventricular hypertrophy

## Study objectives

To test the effect of ACE inhibitors as compared to no therapy in regressing the left ventricular hypertrophy (LVH) that persisted longer following renal transplantation

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

This trial did not require an ethical approval as the trial design was completely adherent to the recommendations issued by the local ethical committee Azienda Ospedaliera S. Martino (Genova, Italy) and in accordance to the guidelines issued by the Helsinki declaration.

## Study design

Open-label randomized trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Not Specified

## Participant information sheet

## Health condition(s) or problem(s) studied

Left ventricular hypertrophy assessed by echocardiography in non diabetic chronic kidney disease patients receiving renal transplant

## Interventions

Randomization to either ACE inhibitors or no therapy.

Conventional antihypertensive therapy allowed in order to achieve blood pressure (BP) nearly 130/80 mmHg

## Intervention Type

Drug

## Phase

Not Specified

**Drug/device/biological/vaccine name(s)**

ACE inhibitors

**Primary outcome measure**

Change in left ventricular mass index at 18 months

**Secondary outcome measures**

Cardiovascular events during follow-up

**Overall study start date**

01/01/2001

**Completion date**

31/12/2005

## Eligibility

**Key inclusion criteria**

Non diabetic renal transplant recipients with persisting LVH following successful renal transplant

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

70

**Total final enrolment**

70

**Key exclusion criteria**

1. Subjects receiving second or dual transplant
2. Subjects with unstable renal graft function
3. Proteinuria > 1 g/ 24 hr
4. Congestive heart failure
5. Hemodynamically significant artery stenosis

**Date of first enrolment**

01/01/2001

**Date of final enrolment**

31/12/2005

## Locations

**Countries of recruitment**

Italy

**Study participating centre**

**Divisione di Nefrologia, Dialisi e Trapianto**

Genova

Italy

16132

## **Sponsor information**

**Organisation**

Azienda Ospedaliera Universitaria S.Martino (Italy)

**Sponsor details**

c/o Prof Giuseppe Cannella

L.go R.Benzi 10

Genova

Italy

16132

**Sponsor type**

University/education

**ROR**

<https://ror.org/04d7es448>

## **Funder(s)**

**Funder type**

Government

**Funder Name**

The Italian National Health Service (SSN, Servizio Sanitario Nazionale) (Italy)

**Funder Name**

Azienda Ospedaliera Universitaria S.Martino (Italy)

# Results and Publications

**Publication and dissemination plan**  
Not provided at time of registration

**Intention to publish date**

**Individual participant data (IPD) sharing plan**  
Not provided at time of registration

**IPD sharing plan summary**  
Not provided at time of registration

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>		01/07/2007		Yes	No