

# A randomized trial comparing cyclosporine versus azathioprine for maintenance therapy in diffuse lupus nephritis

**Submission date**  
07/07/2004

**Recruitment status**  
No longer recruiting

☐ Prospectively registered

☐ Protocol

**Registration date**  
22/11/2004

**Overall study status**  
Completed

☐ Statistical analysis plan

☒ Results

**Last Edited**  
11/02/2008

**Condition category**  
Musculoskeletal Diseases

☐ Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Prof Claudio Ponticelli

### Contact details

via Ampere 126  
Milano  
Italy  
20131

## Additional identifiers

### Protocol serial number

NEO-I-22

## Study information

### Scientific Title

### Study objectives

Not provided at time of registration

**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**

Lupus nephritis

**Interventions**

Administration of 3 intravenous methylprednisolone pulses followed by a 2-3 month treatment with prednisone and oral cyclophosphamide. Patients with serum creatinine  $\leq 1.5$  mg/dl, proteinuria  $\geq 0.5$  g per day and diastolic blood pressure  $< 90$  mmHg were then randomized to receive cyclosporine or azathioprine for two years.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Not provided at time of registration

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

31/12/2004

**Eligibility****Key inclusion criteria**

Seventy five patients presenting with diffuse proliferative lupus nephritis

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Not Specified

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

01/01/2000

**Date of final enrolment**

31/12/2004

**Locations****Countries of recruitment**

Italy

**Study participating centre**

via Ampere 126

Milano

Italy

20131

**Sponsor information****Organisation**

Novartis Farma (Italy)

**ROR**

<https://ror.org/04rcxhq50>

**Funder(s)****Funder type**

Industry

**Funder Name**

The study was sponsored by Novartis and monitored by an external society. The steering committee approved the study protocol, case report forms, statistical analysis plan, progress of

the study and analysis, as well as the reporting of the data, whatever the outcome of the study. The sponsors could comment on the manuscript before submission, but the final version was the sole responsibility of the authors. In addition, the steering committee had full access to the data files of the study.

## 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?
<a href="#">Results article</a>	results	01/09/2006		Yes	No