

# Comparison of the results from planar and SPECT gated blood-pool study for the evaluation of the left ventricular function.

Published: 22-06-2009

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With this study we want to investigate if the SPECT gated blood-pool can replace the planar gated blood-pool.

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	Heart failures
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON33381

### Source

ToetsingOnline

### Brief title

Evaluation ventricular function: SPECT vs planar gated blood-pool studies

### Condition

- Heart failures

### Synonym

ejection fraction, left ventricular function

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Leids Universitair Medisch Centrum

**Source(s) of monetary or material Support:** Ministerie van OC&W

## Intervention

**Keyword:** ejection fraction, left ventricular function, planar gated blood-pool imaging, SPECT gated blood-pool

## Outcome measures

### Primary outcome

Ejection fraction and wall motion of the left ventricle

### Secondary outcome

-

## Study description

### Background summary

The SPECT gated blood-pool can probably replace the planar gated blood-pool. SPECT gated blood-pool is providing a three-dimensional image of the heart. This technique will probably contribute to a better and supplementary imaging of the ejection fraction. At the same time it yields benefits for the patient, it's time saving because of a shorter scantime.

### Study objective

With this study we want to investigate if the SPECT gated blood-pool can replace the planar gated blood-pool.

### Study design

43 patients referred for left ventricular ejection fraction by planar gated blood-pool also underwent immediately after this exam a SPECT gated blood-pool. The results of the SPECT gated blood-pool will be compared with the planar gated blood-pool.

### Study burden and risks

-

## Contacts

### Public

Leids Universitair Medisch Centrum

Albinusdreef 2  
2333 ZA Leiden  
Nederland

### Scientific

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## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

all patiënts for the evaluation of the left ventricular function

### Exclusion criteria

none

## Study design

## Design

**Study type:** Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

## Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 01-06-2010

Enrollment: 43

Type: Actual

## Ethics review

Approved WMO

Date: 22-06-2009

Application type: First submission

Review commission: METC Leids Universitair Medisch Centrum (Leiden)

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
CCMO	NL27278.058.09