

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.

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|------------------------------|----------------------------|
| Ethical review | Approved WMO |
| Status | Recruitment stopped |
| Health condition type | Heart failures |
| Study type | 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

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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

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Contacts

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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 |