

Evaluation of cardiac function before and after treatment of Cushing's Syndrome.

Published: 19-01-2009

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To document cardiac function before and after treatment of CS.

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Cardiac disorders, signs and symptoms NEC
Study type	Observational non invasive

Summary

ID

NL-OMON32778

Source

ToetsingOnline

Brief title

Cardiac function in Cushing's Syndrome.

Condition

- Cardiac disorders, signs and symptoms NEC
- Hypothalamus and pituitary gland disorders

Synonym

cardiac 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: cardiac function, Cushing, diastolic function, systolic function

Outcome measures

Primary outcome

Echocardiographic parameters of systolic and diastolic function.

Secondary outcome

not applicable.

Study description

Background summary

Cardiovascular diseases occur more frequently in patients with CS. Other rare hormone excess syndromes, like acromegaly and prolactinoma, have been associated with cardiac abnormalities. In untreated CS, anecdotal reports indicate that a cardiomyopathy is not uncommon. The effect of treatment of CS on cardiac function remains to be established.

Study objective

To document cardiac function before and after treatment of CS.

Study design

Open, observational, prospective study in 16 patients with CS.

Study burden and risks

3 x ultrasounds of the heart (45 minutes each). There are no known long-term adverse events of echocardiography.

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

Cushing's Syndrome as biochemically and clinically proven.

Age 18-70 years

Exclusion criteria

History of cancer

Untreated hypertension or poorly controlled diabetes

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): 20-01-2009
Enrollment: 16
Type: Actual

Ethics review

Approved WMO
Date: 19-01-2009
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	NL25832.058.08