

# New ultrasound techniques in the detection of testicular adrenal rest tumours in children with congenital adrenal hyperplasia

Published: 05-04-2011

Last updated: 06-05-2024

To study the incidence of TART in children with congenital adrenal hyperplasia with new imaging techniques such as high frequency ultrasound and elastography

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruiting
<b>Health condition type</b>	Endocrine disorders of gonadal function
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON34364

### Source

ToetsingOnline

### Brief title

Ultrasound in the detection of testicular adrenal rest tumours (TART)

### Condition

- Endocrine disorders of gonadal function

### Synonym

testicular adrenal rest tumors

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Universitair Medisch Centrum Sint Radboud

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

## Intervention

**Keyword:** congenital adrenal hyperplasia, Elastography, High frequency ultrasound, testicular adrenal rest tumours

## Outcome measures

### Primary outcome

the incidence of TART in children

### Secondary outcome

no

## Study description

### Background summary

In adult male patients with congenital adrenal hyperplasia benign testicular adrenal rest tumors (TART) is a common cause of infertility. The prevalence is high up to 94%. It is thought that the tumors are already present in childhood or even in utero. However, the presence of TART in children is not described in detail in young children.

### Study objective

To study the incidence of TART in children with congenital adrenal hyperplasia with new imaging techniques such as high frequency ultrasound and elastography

### Study design

cross sectional with a healthy control group

### Study burden and risks

Ultrasound is non invasive so there are no risks for the patient.

## Contacts

### Public

Universitair Medisch Centrum Sint Radboud

Postbus 9101  
6500 HB Nijmegen  
NL

**Scientific**

Universitair Medisch Centrum Sint Radboud

Postbus 9101  
6500 HB Nijmegen  
NL

## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adolescents (12-15 years)  
Adolescents (16-17 years)  
Children (2-11 years)

### Inclusion criteria

All male children (0 - 18 years) with congenital adrenal hyperplasia;Control group: male children without a condition of adrenal or gonadal pathology

### Exclusion criteria

geen

## Study design

## Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)

**Primary purpose:** Diagnostic

## Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-05-2011
Enrollment:	35
Type:	Actual

## Ethics review

Approved WMO	
Date:	05-04-2011
Application type:	First submission
Review commission:	CMO regio Arnhem-Nijmegen (Nijmegen)

## 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**

CCMO

**ID**

NL32839.091.10