

Insulin sensitisation in post-menarcheal girls with a history of low birthweight and precocious pubarche: effects of the addition of antiandrogen treatment and of the androgen receptor length on body composition and endocrine-metabolic parameters

Submission date 07/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 05/10/2005	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 11/09/2009	Condition category Urological and Genital Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N/A

Study information

Scientific Title

Study objectives

The endocrine-metabolic effects of insulin sensitisation +/- antiandrogen therapy will be directly related to the length of CAG repeats of the androgen receptor gene.

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)

Treatment

Health condition(s) or problem(s) studied

Ovarian hyperandrogenism

Interventions

Insulin sensitisation +/- antiandrogen treatment

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Insulin, antiandrogen

Primary outcome(s)

1. Development of clinical hyperandrogenism
2. Body composition

Key secondary outcome(s)

1. Decrease of androgens
2. Improvement of insulin sensitivity

Completion date

20/10/2006

Eligibility

Key inclusion criteria

1. Post-menarcheal state
2. A history of low birthweight and precocious pubarche
3. Subclinical ovarian hyperandrogenism
4. Hyperinsulinemia

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Sex

Female

Key exclusion criteria

1. Clinical signs of androgen excess
2. Family or personal history of diabetes mellitus
3. Late-onset congenital adrenal hyperplasia

Date of first enrolment

20/10/2003

Date of final enrolment

20/10/2006

Locations

Countries of recruitment

Spain

Study participating centre

Hospital Sant Joan de Deu

Esplugues, Barcelona

Spain

08950

Sponsor information

Organisation

Hospital Sant Joan de Deu (Spain)

ROR

<https://ror.org/001jx2139>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Hospital Sant Joan de Deu (Spain)

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?
Results article	results	01/11/2007		Yes	No