

Subcutaneous oxyntomodulin reduces body-weight in overweight subjects

Submission date

22/07/2005

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

22/07/2005

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

06/02/2015

Condition category

Nutritional, Metabolic, Endocrine

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Prof S R Bloom

Contact details

Hammersmith Hospital
Commonwealth Building
Department of Metabolic Medicine
Du Cane Road
London
United Kingdom
W12 0NN
+44 (0)20 8383 3242
s.bloom@imperial.ac.uk

Additional identifiers

Protocol serial number

071446

Study information

Scientific Title

Subcutaneous oxyntomodulin reduces body-weight in overweight subjects

Study objectives

The effect of self-administered subcutaneous oxyntomodulin on overweight volunteers was investigated in a four-week community-based study. We hypothesised oxyntomodulin would reduce body weight and appetite.

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

Obesity

Interventions

Healthy overweight volunteers self-administered either saline or oxyntomodulin subcutaneously for four weeks, three times daily, 30 minutes before each meal, in a randomised double-blind parallel-group protocol. The volunteers were asked to maintain their regular diet and level of physical exercise. Subjects' body weight, energy intake and levels of adipose hormones were assessed at the start and end of the study.

Intervention Type

Drug

Phase

Not Applicable

Drug/device/biological/vaccine name(s)

Oxyntomodulin

Primary outcome(s)

Body weight, energy intake and adipose hormones.

Key secondary outcome(s))

No secondary outcome measures

Completion date

31/08/2004

Eligibility

Key inclusion criteria

1. Healthy male and female volunteers, aged 18 to 55 years
2. A stable Body Mass Index (BMI) between 25 and 40 kg/m²

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

1. Abnormal eating behaviour
2. A current medical condition
3. Abnormal ElectroCardioGram (ECG)
4. Abnormal blood tests
5. Pregnancy or breastfeeding
6. Blood donation or participation in another research study within the last three months

Date of first enrolment

02/01/2004

Date of final enrolment

01/07/2004

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Hammersmith Hospital

London

United Kingdom

W12 0NN

Sponsor information

Organisation

Imperial College London (UK)

ROR

<https://ror.org/041kmwe10>

Funder(s)**Funder type**

Charity

Funder Name

Wellcome Trust

Alternative Name(s)**Funding Body Type**

Private sector organisation

Funding Body Subtype

International organizations

Location

United Kingdom

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	01/08/2005		Yes	No