

The metabolic and environmental determinants of obesity: Observational and intervention studies in children and young people

Submission date 28/05/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 28/05/2010	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 30/01/2020	Condition category Nutritional, Metabolic, Endocrine	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Prof Tim Barrett

Contact details

Birmingham Children's Hospital
St. Chads Queensway
Steelhouse Lane
Birmingham
United Kingdom
B4 6NH

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

5125

Study information

Scientific Title

The metabolic and environmental determinants of obesity: Observational and intervention studies in children and young people

Study objectives

To determine the effectiveness of a 12 week home based exercise intervention using playstation dance mats.

Ethics approval required

Old ethics approval format

Ethics approval(s)

MREC approved (ref: 07/H1202/150)

Study design

Single centre non-randomised observational process of care study

Primary study design

Observational

Secondary study design

Non randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Other

Participant information sheet

Health condition(s) or problem(s) studied

Topic: Metabolic and Endocrine, Generic Health Relevance and Cross Cutting Themes; Subtopic: Metabolic and Endocrine (all Subtopics), Generic Health Relevance (all Subtopics); Disease: Metabolic & Endocrine (not diabetes), Paediatrics

Interventions

All children were asked to complete a 12 week, home based exercise intervention using playstation dance mats. The exercise prescription was to perform dance mat exercise on at least 4 days of the week for at least 20 minutes at a time. Measurements were performed at baseline and after 6 and 12 weeks.

Intervention Type

Other

Phase

Phase II/III

Primary outcome measure

1. Body composition
2. Cardiovascular fitness
3. Objectively measured physical activity

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/12/2007

Completion date

01/01/2010

Eligibility

Key inclusion criteria

Not provided at time of registration

Participant type(s)

Patient

Age group

Not Specified

Sex

Not Specified

Target number of participants

Planned sample size: 30

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/12/2007

Date of final enrolment

01/01/2010

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

Birmingham Children's Hospital
Birmingham
United Kingdom
B4 6NH

Sponsor information

Organisation

University of Birmingham (UK)

Sponsor details

University Hospitals Birmingham
Methley Lane
Edgbaston
Birmingham
England
United Kingdom
B15 2TT

Sponsor type

University/education

Website

<http://www.bham.ac.uk/>

ROR

<https://ror.org/03angcq70>

Funder(s)

Funder type

Charity

Funder Name

The Wellcome Trust (UK)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

2010 results in thesis <https://etheses.bham.ac.uk/id/eprint/945/>

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration