

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	☐ Prospectively registered
		☐ Protocol
Registration date 28/05/2010	Overall study status Completed	☐ Statistical analysis plan
		☐ Results
Last Edited 30/01/2020	Condition category Nutritional, Metabolic, Endocrine	☐ Individual participant data
		☐ Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number

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

Study type(s)

Other

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(s)

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

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/01/2010

Eligibility**Key inclusion criteria**

Not provided at time of registration

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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

United Kingdom

England

Study participating centre

Birmingham Children's Hospital

Birmingham

United Kingdom

B4 6NH

Sponsor information

Organisation

University of Birmingham (UK)

ROR

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

Funder(s)

Funder type

Charity

Funder Name

The Wellcome Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration