

Lifestyle change in individuals at risk of diabetes and heart disease

Submission date

29/09/2006

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

29/09/2006

Overall study status

Completed

☐ Statistical analysis plan

☐ Results

Last Edited

03/02/2014

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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Additional identifiers

Protocol serial number

N0203178114

Study information

Scientific Title**Study objectives**

To see whether lifestyle behaviour changes (weight loss and increased physical activity) similar to those obtained in recent large Finnish and US studies can be achieved with a simplified lifestyle intervention in a UK primary care setting. The intervention will use motivational interviewing (a well established, patient-centered behaviour counselling technique), delivered by trained health promotion worker (not necessarily existing NHS staff).

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval added as of 16/07/2007:

North & East Devon Local Research Ethics Committee, approved in 2005 (ref: 05/Q2102/40)

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Diabetes and heart disease

Interventions

Please note that the amendments to the target number of participants and participants - inclusion criteria (both amended as of 12/10/2007) reflect errors in information provided at time of registration, not changes in protocol.

Interventions added as of 16/07/2007:

1. Intervention group: Motivational interviews (patient-centered behaviour counseling) delivered by trained health promotion worker
2. Control group: Information leaflets offering advice on healthy eating and the benefits of increased physical activity

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Proportion of people achieving specific targets for weight change and physical activity which have been shown to be beneficial in previous studies.

Key secondary outcome(s)

Secondary outcome measures added as of 16/07/2007:

1. The proportion of participants achieving 150 min moderate activity per week
2. Waist circumference

3. Achievement of dietary composition targets (<30% energy from fat [<10% energy from saturated fat], 15 g / 1000 kcal fibre), if sufficient food diary data returned

Completion date

20/02/2007

Eligibility

Key inclusion criteria

Inclusion criteria amended as of 12/10/2007:

1. Patients with a recorded BMI of 28 or more in the last 10 years
2. Age of 18 or more
3. Participants must be able to engage in at least moderate physical activity (e.g. no significant joint problems)
4. Participation will be restricted to those speaking English fluently, as the intervention is based on communication, and many of the measures are specifically validated for English speakers

Inclusion criteria provided at time of registration:

Identification of potential participants will be by computer searching of GP practice databases by NHS staff employed at the practice (e.g. practice nurse, clerical staff). This will generate a list of patients with a recorded BMI of 30 or more in the last 10 years, and age of 30 or more. A random selection of 420 patients will be identified by applying random numbers generated by the principal researcher. This list will be checked by the patient's GP for exclusion criteria. Participants must also be able to engage in at least moderate physical activity (e.g. no significant joint problems). Participation will be restricted to those speaking English fluently, as the intervention is based on communication, and many of the measures are specifically validated for English speakers. For pragmatic reasons it is not possible to pay for interpreters for this study, although this would be considered for a larger trial.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

Not Specified

Key exclusion criteria

Existing diabetes or heart disease, or any other reason the GP thinks the patient is not suitable for the intervention (e.g. severe uncontrolled hypertension, dementia or mental illness preventing likely understanding of the intervention or of the research processes).

Date of first enrolment

30/11/2005

Date of final enrolment

20/02/2007

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Royal Devon & Exeter Hospital (Wonford)

Exeter

United Kingdom

EX2 5DW

Sponsor information

Organisation

Devon Primary Care Trust (UK)

ROR

<https://ror.org/03085z545>

Funder(s)

Funder type

Government

Funder Name

Royal Devon and Exeter NHS Trust (UK)

Funder Name

Mid Devon Primary Care Research Group (UK)

Funder Name

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration