

Motivational interviewing to improve diabetes management for South Asian type 2 diabetic patients

Submission date

12/09/2003

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

12/09/2003

Overall study status

Completed

☐ Statistical analysis plan

☐ Results

Last Edited

31/03/2020

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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Additional identifiers

Protocol serial number

N0223119448

Study information

Scientific Title

Motivational interviewing to improve diabetes management for South Asian type 2 diabetic patients

Study objectives

Around 1.3 million people in Britain are currently diagnosed with diabetes (85% with type 2 diabetes). Diabetes is a life-long condition and the treatment and care required will vary over time. Individuals with diabetes need the necessary knowledge and skills to enable them to improve their blood glucose control and to make the lifestyle changes necessary to reduce their likelihood of developing the complications of diabetes. Individuals with type 2 diabetes are not dependent on insulin injections. They can manage their diabetes with diet, exercise and oral medication. Compared with the white population, type 2 diabetes is up to six times more common in people of South Asian descent (www.doh.gov.uk/nsf/diabetes).

Therefore the aim of this study is:

How effective is motivational interviewing in improving self-management of diabetes for men and women of South Asian origin who have been diagnosed with type 2 diabetes?

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)

Diagnostic

Health condition(s) or problem(s) studied

Nutritional, Metabolic, Endocrine: Diabetes

Interventions

Following ethical clearance and informed consent, a randomised-controlled trial will recruit two groups of Asian type 2 diabetic patients into:

- a. Normal nutritional and lifestyle support (control), and
- b. Motivational interviewing for nutritional and lifestyle support (treatment).

A sample size power analysis suggests that 28 participants per group will be adequate for the main outcome measures so at least 30 will be recruited per group to allow for attrition. The treatment group will engage in 20 to 30 minutes of motivational interviewing every two weeks. The control group will receive similar amounts of contact, but the total time allocation per patient will be less to concur with normal treatment. After three months the pre-treatment measures will be repeated and a two way analysis of variance design ($P < 0.05$) used to test the treatment effect.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Psychometric Measures: Symptom reduction as measured by Diabetes Impact Measurement Scales. Quality of Life as measured by Diabetes Impact Measurement Scales. Increase in self-efficacy as measured by Diabetes Management Self-Efficacy Scale for Type 2 Diabetes. Increase in perceived control as measured by Perceived Control Scales. Clinical parameters: blood glucose (HbA1c), waist measurement, weight, body mass index (BMI).

Key secondary outcome(s)

Not provided at time of registration

Completion date

30/06/2003

Eligibility**Key inclusion criteria**

People of South Asian descent with type 2 Diabetes.

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

23/01/2003

Date of final enrolment

30/06/2003

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre
Dietetics Department
High Wycombe, Bucks
United Kingdom
HP11 2TT

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Government

Funder Name
South Buckinghamshire NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration