

Study of Testing Response in Patients with Type 2 Diabetes

Submission date

08/09/2005

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

06/10/2005

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

08/11/2022

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

Dr Jeffrey Johnson

Contact details

#1200, 10405 Jasper Avenue

Edmonton

Canada

T5J 3N4

-

jeff.johnson@ualberta.ca

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

Study information

Scientific Title

Study of Testing Response in Patients with Type 2 Diabetes

Acronym

STRIP-Type 2

Study objectives

The primary aim of STRIP-Type 2 is to determine the clinical impact of providing free Self-Monitoring of Blood Glucose (SMBG) supplies for people with type 2 diabetes. Secondary aims of STRIP-Type 2 are to determine the social and behavioural correlates of glycaemic control and the health behavioural impact of providing free SMBG supplies for people with type 2 diabetes.

Primary hypothesis:

Subjects with type 2 diabetes who receive free diabetes testing strips will have significantly improved HbA1c values as compared to a control group that was not supplied with the free strips.

Secondary hypotheses:

Those subjects who receive free diabetes testing strips will have significantly improved self-care activities as compared to a control group that was not supplied with the free strips, and those subjects who receive free diabetes testing strips will have a greater frequency of blood glucose tests as compared to the group that was not supplied with the free strips.

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

Secondary study design

Randomised controlled trial

Study setting(s)

Home

Study type(s)

Quality of life

Participant information sheet**Health condition(s) or problem(s) studied**

Type 2 diabetes

Interventions

We conducted a randomised controlled trial to evaluate the clinical and behavioural impact of simply providing free SMBG supplies to patients with type 2 diabetes, versus a common health care policy of patients paying out-of-pocket for their testing supplies.

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Change in HbA1c over 6 months.

Secondary outcome measures

Our secondary outcome evaluated SMBG behaviours using the Summary of Diabetes Self-Care Activities (SDSCA). In addition, patients completed a self-administered survey at baseline and 6 month follow-up. The survey contained demographic and self-reported clinical information regarding duration of diabetes, comorbidities and complications due to diabetes, and diabetes education experience. Self-reported physical and mental health status was captured in the RAND-12.

Overall study start date

01/01/2002

Completion date

31/05/2003

Eligibility**Key inclusion criteria**

To be included in the study, patients must:

1. Have had type 2 diabetes of at least one year duration
2. Be 30 years of age or older
3. Not be on insulin

Patients that controlled their diabetes by diet alone were eligible if they met the above inclusion criteria.

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

300

Total final enrolment

262

Key exclusion criteria

We excluded pregnant patients and those with gestational diabetes, as well as patients with private insurance coverage for SMBG supplies.

Date of first enrolment

01/01/2002

Date of final enrolment

31/05/2003

Locations**Countries of recruitment**

Canada

Study participating centre

#1200, 10405 Jasper Avenue

Edmonton

Canada

T5J 3N4

Sponsor information**Organisation**

Institute of Health Economics (Canada)

Sponsor details

#1200, 10405 Jasper Avenue

Edmonton

Canada

T5J 3N4

-

wdraginda@ihe.ca

Sponsor type

Research organisation

ROR

<https://ror.org/03e81x648>

Funder(s)

Funder type
Industry

Funder Name
Institute of Health Economics (Canada) (ref: 148)

Funder Name
Canadian Diabetes Association (Canada) (ref: 1249)

Funder Name
Aventis Canada (Canada) (ref: 243)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan
Not provided at time of registration

IPD sharing plan summary
Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Other publications	Association between insurance coverage for testing supplies and glycemic control	06/07/2004		Yes	No
Results article		01/11/2006	08/11/2022	Yes	No