Effects of cinnamon on postprandial blood glucose, and insulin in subjects with type 2 diabetes or impaired glucose tolerance.

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON21422

Source
Nationaal Trial Register

Brief title
N/A

Health condition

type 2 diabetes or impaired glucose tolerance

Sponsors and support

Primary sponsor: Department of Medicine, Malmö University Hospital
Source(s) of monetary or material Support: Supported by Hans-Gabriel and Alice Trolle-Wachtmeister's Foundation for Medical Research.

Intervention

Outcome measures

Primary outcome

This study was therefore designed to determine whether cinnamon lower postprandial blood glucose, and insulin levels in subjects with type 2 diabetes or impaired glucose tolerance.

Secondary outcome

N/A

Study description

Background summary

N/A

Study objective

This study was therefore designed to determine whether cinnamon lower postprandial blood glucose, and insulin levels in subjects with type 2 diabetes or impaired glucose tolerance.

Study design

The study started on 11 May 2009 and will probably end on 11 September 2009.

Intervention

The test meal consisted of 50 g oral glucose tolerance test with added 6.9 g lactose ingested with 15 capsules with cinnamon. The reference meal consisted of 50 g oral glucose tolerance test ingested with 15 placebo capsules. The meals were served in random order at intervals of 1 week. Randomization was performed using a table of random numbers.

Contacts

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Eligibility criteria

Inclusion criteria

Patients were selected for the study on the basis of the following inclusion criteria:

1. Diagnosis of type 2 diabetes for < 6 months before enrollment;

2. Diagnosis of impaired glucose tolerance for < 6 months before enrollment.

Exclusion criteria

Patients who had thyroid disorders, or used insulin, oral hypoglycemics, insulin-sensitizing drugs, and â-blockers within 60 days before enrollment were excluded.

Study design

Design

Study type:	Interventional
Intervention model:	Crossover
Allocation:	Non controlled trial
Masking:	Double blinded (masking used)
Control:	Placebo

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	11-05-2009
Enrollment:	15
Type:	Anticipated

Ethics review

Positive opinion

Date:	20-05-2009
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL1711
NTR-old	NTR1821
Other	: Dnr 353/2008
ISRCTN	ISRCTN wordt niet meer aangevraagd

Study results

Summary results
N/A