

A study on the effects on plasma insulin and glucose after a single meal replacement in patients with type two diabetes mellitus

Submission date 02/05/2007	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 02/05/2007	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 10/03/2008	Condition category Nutritional, Metabolic, Endocrine	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title

Study objectives

A single oral doses of amino acids may play a role as insulin secretagogues.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised, double blinded, placebo controlled crossover trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Diabetes, insulin response

Interventions

Intervention with single meals with different composition of amino acids in a double-blind placebo controlled trial.

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Plasma insulin, glucose

Primary outcome(s)

Insulin and glucose response

Key secondary outcome(s)

Hormones involved in glucose homeostasis

Completion date

01/09/2007

Eligibility

Key inclusion criteria

Adult Type two Diabetes Mellitus (T2DM) patients

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

Not Specified

Key exclusion criteria

1. Insulin use
2. Significant clinical abnormalities

Date of first enrolment

01/04/2007

Date of final enrolment

01/09/2007

Locations**Countries of recruitment**

Netherlands

Study participating centre

Center for Human Drug Research

Leiden

Netherlands

2333 CL

Sponsor information**Organisation**

Dutch State Mines (DSM) (The Netherlands)

ROR

<https://ror.org/00k01kt20>

Funder(s)**Funder type**

Industry

Funder Name

Dutch State Mines (DSM) (The Netherlands)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Study website	Study website	11/11/2025	11/11/2025	No	Yes