

# Body position and dietary protein

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Pending
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON26539

### Source

NTR

### Brief title

BPDigestion

### Health condition

digestion, malabsorption.

## Sponsors and support

**Primary sponsor:** Maastricht University

**Source(s) of monetary or material Support:** Maastricht University

## Intervention

## Outcome measures

### Primary outcome

Plasma amino acids concentrations

Plasma paracetamol concentrations

Plasma glucose concentrations

Plasma insulin concentrations

insulin  
paracetamol

## **Secondary outcome**

Heart Rate

Blood Pressure

## **Study description**

### **Study objective**

Digestion of a protein beverage while lying horizontally will be attenuated based upon delayed gastric emptying.

### **Study design**

t = -30, 0, 15, 30, 45, 60, 90, 120, 180, and 240 min

### **Intervention**

1. Protein ingestion sitting upright
2. Protein ingestion laying horizontally

## **Contacts**

### **Public**

Universiteitssingel 50  
A. Holwerda  
Maastricht 6229 ER  
The Netherlands

### **Scientific**

Universiteitssingel 50  
A. Holwerda  
Maastricht 6229 ER  
The Netherlands

# Eligibility criteria

## Inclusion criteria

Healthy males

Age between 18 and 35 y

BMI between 18.5 and 30 kg/m<sup>2</sup>

## Exclusion criteria

- Celiac disease
  - Lactose intolerance
  - Smoking
  - Diabetes
  - Cancer
  - Donated blood within the last 3 months
- Diagnosed GI tract diseases

Any medications known to affect digestion and absorption (i.e. proton pump inhibitors, bicarbonate tablets, non-steroidal anti-inflammatories).

# Study design

## Design

Study type:	Interventional
Intervention model:	Crossover
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	Active

## Recruitment

NL  
Recruitment status: Pending  
Start date (anticipated): 01-02-2015  
Enrollment: 8  
Type: Anticipated

## Ethics review

Positive opinion  
Date: 05-01-2015  
Application type: First submission

## Study registrations

### Followed up by the following (possibly more current) registration

ID: 41945  
Bron: ToetsingOnline  
Titel:

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

No registrations found.

### In other registers

Register	ID
NTR-new	NL4925
NTR-old	NTR5027
CCMO	NL51216.068.14
OMON	NL-OMON41945

## Study results