

Predictors for succesfull treatment of obesity

Published: 30-03-2015

Last updated: 13-04-2024

To identify predictors for the different treatment options for obesity (1. combined lifestyle intervention plus, 2. E-health treatment, 3. bariatric surgery; inclusion for treatment options 1 and 2 takes place in the EMC, inclusion for the treatment...

Ethical review	Not approved
Status	Will not start
Health condition type	Metabolism disorders NEC
Study type	Observational invasive

Summary

ID

NL-OMON41778

Source

ToetsingOnline

Brief title

Predictors succesfull treatment obesity

Condition

- Metabolism disorders NEC

Synonym

obesity, overweight

Research involving

Human

Sponsors and support

Primary sponsor: Sint Franciscus Gasthuis

Source(s) of monetary or material Support: Fitforme vitamines

Intervention

Keyword: bariatric surgery, obesity, predictors, weight loss

Outcome measures

Primary outcome

To create a databank with data about weight loss and metabolic/endocrine/immunological parameters collected before the start of treatment, 10 weeks after treatment and 1.5 years after treatment to develop personalized treatment modalities

Secondary outcome

-

Study description

Background summary

Obesity is an important medical problem. The percentage of adults (older than 20 years of age) with overweight worldwide was 47.9%, of these adults 12% was obese. Overweight is a risk factor for the development of multiple associated diseases. This results in higher health risks in these patients and thus higher medical costs. Current treatment modalities for obesity do not always result in long term weight loss. Treatment of obesity is complex and deserves a multidisciplinary approach. Therefore a multidisciplinary center for the treatment of obesity was established in the Erasmus Medical Center (EMC) and the Sint Fransiscus Gasthuis (SFG). In this center innovative treatment modalities are developed for the treatment of obesity.

Study objective

To identify predictors for the different treatment options for obesity (1. combined lifestyle intervention plus, 2. E-health treatment, 3. bariatric surgery; inclusion for treatment options 1 and 2 takes place in the EMC, inclusion for the treatment options 3 takes place in the SFG)

Study design

prospective observational study, create a databank

Study burden and risks

Patients do not benefit from participation in the study. During regular treatment, minimally invasive procedures with low risks for the patients will be performed to collect extra data for the databank. These procedures include questionnaires, collection of extra blood, collection of saliva and some hairs.

Contacts

Public

Sint Franciscus Gasthuis

Kleiweg 500
Rotterdam 3045PM
NL

Scientific

Sint Franciscus Gasthuis

Kleiweg 500
Rotterdam 3045PM
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)
Elderly (65 years and older)

Inclusion criteria

adults with a BMI > 35 kg/m² with comorbidities or a BMI > 40 kg/m²; Co-morbidities:

- Diabetes mellitus type 2
- Insuline resistance (defined by the HOMA-index, based on insulin/glucose ratio)
- Dyslipidaemia
- Hypertension
- Artrosis
- Sleep-apnoea syndrome
- Steatosis, steatohepatitis
- Polycystic Ovary Syndrome

Exclusion criteria

No understanding of Dutch language
 intellectual disability (IQ < 80)
 treatable cause of obesity
 no motivation to participate in study
 Psychopathology needing different treatment modalities
 pregnancy
 High risk anaesthesia
 serious eating disorder
 Active gastro-intestinal disease
 alcohol or drugs abusur
 Length of hear less than 3cm
 Revision of earlier bariatric surgery

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Will not start

Enrollment: 200

Type: Anticipated

Ethics review

Not approved

Date: 30-03-2015

Application type: First submission

Review commission: TWOR: Toetsingscommissie Wetenschappelijk Onderzoek
Rotterdam e.o. (Rotterdam)

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
CCMO	NL49332.101.15