Alpha-1-Antitrypsin Deficiency in a Diverticular Disease Population

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON28920

Source
NTR

Brief title
ALADDIN study

Health condition

diverticular disease (DD)
alpha-1-antitrypsin (A1AT) pathology

Sponsors and support

Primary sponsor: -
Source(s) of monetary or material Support: Noordwest ziekenhuisgroep, Tergooi

Intervention

Outcome measures

Primary outcome

The main exposure factor is of alpha-1-antitrypsin pathology

Secondary outcome

Secondary exposure factors are:

- Concentration of alpha-1-antitrypsin

- Inflammation parameters

- Risk factors for developing diverticulosis such as

• Genetic factors

o Family history

• Environmental factors:

o Low-fiber diet

o Obesity

o Decreased physical activity

o Use of corticosteroids

o Use of NSAIDs

o Alcohol

o Caffeine intake

o Cigarette smoking

o Polycystic kidney disease

• Epidemiological factors

o Age

o Geography

o Life style

o Ethnicity

Study description

Study objective

This study aims to investigate whether A1AT pathology contributes to the development of DD. We will determine the prevalence of A1AT-pathology by genotype analysis in patients with diverticulosis and compare this to a population without diverticulosis. Better understanding of the association between A1AT-pathology and DD could possibly contribute to changes in the treatment of DD.

Study design

-

Intervention

Venapunction

Contacts

Public

[default]
The Netherlands
Scientific

[default]
The Netherlands

Eligibility criteria

Inclusion criteria

Research group: the subject has to

- Have acute abdominal pain existing more than two hours' and less than five days,

- Has a CT-abdomen that shows diverticular disease,

- Age above sixty,

- Be mentally competent, and

- Informed consent.

Control group: the subject has to

- Have acute abdominal pain existing more than two hours’ and less than five days,

- Has a CT-abdomen that shows no diverticular disease,

- Age above sixty,

- Be mentally competent, and

- Informed consent.

Exclusion criteria

A potential subject who meets any of the following criteria will be excluded from participation in this study:

- Does not meet the inclusion criteria

- Is mentally incompetent

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	01-04-2017

Enrollment:	230
Type:	Anticipated

Ethics review

Positive opinion
Date: 11-03-2017
Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 47360
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL6112
NTR-old	NTR6251
CCMO	NL55016.094.15
OMON	NL-OMON47360

Study results