

Verbetering in de diagnostiek van een doorbloedingsstoornis van de darm

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These patients are difficult to diagnose due to a multitude of non-specific symptoms and the lack of fast and specific tests. In this study we will be able to investigate patients that are admitted with acute abdominal complications and observe them...

Ethische beoordeling Niet van toepassing

Status Werving gestart

Type aandoening -

Onderzoekstype Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON22199

Bron

Nationaal Trial Register

Verkorte titel

TACTIC

Aandoening

Acute Intestinal Ischemia

Ondersteuning

Primaire sponsor: Academisch ziekenhuis Maastricht (azM)

Overige ondersteuning: Maag Lever Darm Stichting (MLDS)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The primary endpoint of the study is the early and accurate identification of presence and severity of acute intestinal ischemia in patients. The main study parameters are plasma biomarkers indicative for intestinal damage of patients suspected of acute intestinal ischemia.

Toelichting onderzoek

Achtergrond van het onderzoek

Acute intestinal ischemia is a life-threatening condition with a short-term mortality that can range up to 80%. Medical diagnosis and treatment have remained troublesome, due to the clinical presentation which is mostly characterized by non-specific signs and symptoms. Early unambiguous diagnosis of acute intestinal ischemia is critical to prevent progression from reversible to irreversible intestinal injury, and henceforth decrease morbidity and improve survival. We aim to validate a panel of plasma biomarkers and investigate volatile biomarkers that allow early and accurate identification of acute intestinal ischemia in patients. In addition, we aim to identify a volatile organic compound (VOC) profile specific for acute intestinal ischemia in exhaled breath.

Doel van het onderzoek

These patients are difficult to diagnose due to a multitude of non-specific symptoms and the lack of fast and specific tests. In this study we will be able to investigate patients that are admitted with acute abdominal complications and observe them in the early stages of their condition. Accordingly, we will be able to evaluate the proposed panel of biomarkers and to identify VOC patterns in patients with acute abdominal complications. Therefore, we propose that with this study we will be able to improve the diagnostic accuracy of acute intestinal ischemia, and will provide more information that guides adequate treatment.

Onderzoeksopzet

11

Onderzoeksproduct en/of interventie

There will be no interventions in this study.

Contactpersonen

Publiek

Maastricht University
Annet Duivenvoorden

+31433881527

Wetenschappelijk

Maastricht University
Annet Duivenvoorden

+31433881527

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Age \geq 18 years

All consecutive patients admitted to one of the participating medical centers emergency departments (ED) or at the intensive care unit (ICU) with clinical suspicion of acute intestinal ischemia, which is based on;

- o clinical manifestation;
- o physical examination by the physician;
- o laboratory measurements;
- o physician's consideration to perform computed tomography (CT)-scan

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Age \leq 18 years

Onderzoeksopzet

Opzet

Type: Observationeel onderzoek, zonder invasieve metingen

Onderzoeksmodel: Anders
Toewijzing: N.v.t. / één studie arm
Controle: N.v.t. / onbekend

Deelname

Nederland
Status: Werving gestart
(Verwachte) startdatum: 30-06-2020
Aantal proefpersonen: 120
Type: Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Niet van toepassing
Soort: Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

| Register | ID |
|----------------|---------------------------|
| NTR-new | NL7968 |
| Ander register | METC azM/UM : METC 19-010 |

Resultaten