

# Pre-hospitaal (ambulance) uitsluiten van een hartinfarct middels de HEART score bij patiënten met een verdenking op een hartprobleem.

No registrations found.

|                              |                            |
|------------------------------|----------------------------|
| <b>Ethical review</b>        | Positive opinion           |
| <b>Status</b>                | Recruiting                 |
| <b>Health condition type</b> | -                          |
| <b>Study type</b>            | Observational non invasive |

## Summary

### ID

NL-OMON24329

### Source

NTR

### Brief title

FAMOUS Triage Rule Out

### Health condition

Patients with a suspicion of myocardial ischemia /necrosis

## Sponsors and support

**Primary sponsor:** Isala, Zwolle ism RAV IJsselvecht

**Source(s) of monetary or material Support:** Isala Academie Zwolle  
Hein Hogerzeil Stichting

## Intervention

## Outcome measures

### Primary outcome

- Percentage of patients with or without infarct diagnosis in the different HEART score categories (0-3, 4-6, >6)

### **Secondary outcome**

- Discharge Diagnosis other than myocardial infarction
- Diagnostics used in ER
- Duration of Hospital Stay (hrs, days)
- Costs

## **Study description**

### **Background summary**

A prospective observational trial to assess the value of the HEART score in the pre-hospital phase (ambulance) in patients with a clinical suspicion of acute myocardial infarction. The trial is performed in close collaboration with ambulance paramedics. In the area of Zwolle, Deventer and Amersfoort, Ruling-Out low risk patients will be of most interest. In the area of Utrecht, the Rule-In part of the study has started to identify patients at high risk of having acute myocardial infarction. These results will be combined to assess the best cut-off value for triaging patients with a clinical suspicion of cardiac ischemia . A detailed description of the overall FAMOUS TRIAGE project will be ready the beginning of 2014.

### **Study objective**

Risk stratifying patients in the pre-hospital phase(ambulance or GP) by using the validated HEART score

### **Study design**

- Discharge from ER/Hospital
- 30 day FUP

### **Intervention**

Pre-hospital venous blood sampling and assessment of the modified HEART score.

## Contacts

### Public

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### Scientific

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## Eligibility criteria

### Inclusion criteria

- All out-of-hospital patients visited by an ambulance and a pre-hospital clinical suspicion of acute myocardial infarction
- Transfer to a hospital
- Age  $\geq 18$  years

### Exclusion criteria

- Comatose state
- Cognitive impairment
- Pregnancy
- (Cardiogenic) shock
- Cardiac asthma

- Sustained ventricular tachyarrhythmia
- End stage renal disease (dialysis patients)
- No pre-hospital 12-lead ECG performed or available
- ST-segment elevation
- An obvious non-cardiac cause for the chest complaints, e.g. trauma, pneumothorax, pneumonia, etc.
- Strong Suspicion of aortic dissection or pulmonary embolism
- New onset left branch bundle block (LBBB)
- Confirmed AMI <10 days prior to inclusion

## Study design

### Design

Study type: Observational non invasive

Intervention model: Other

**Control:** N/A , unknown

### Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated): 18-06-2012

Enrollment: 1250

Type: Anticipated

### IPD sharing statement

**Plan to share IPD:** Undecided

## Ethics review

Positive opinion

Date: 08-10-2013  
Application type: First submission

## 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                                  |
|----------|-------------------------------------|
| NTR-new  | NL4039                              |
| NTR-old  | NTR4205                             |
| Other    | RAV IJsselvecht : Isala Zwolle      |
| ISRCTN   | ISRCTN wordt niet meer aangevraagd. |

## Study results

### Summary results

N/A