Triage in Acute Chest Pain Evaluation in primary care

No registrations found.

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

Summary

ID

NL-OMON20102

Source
NTR

Brief title
TRACE

Health condition

Any etiology that underlies undifferentiated chest pain

Sponsors and support

Primary sponsor: Investigator initiation study
Source(s) of monetary or material Support: Amsterdam UMC - AMC; Amsterdam Cardiovascular Society

Intervention

Outcome measures

Primary outcome

The outcomes of interest are the safety and efficiency of the proposed triage strategies (NTS and/or Marburg) for "urgent diagnosis and/or fatal outcome".
The definition of “urgent diagnosis and/or fatal outcome” is defined as: death from any cause, acute coronary syndrome and/or urgent coronary revascularization, acute thoracic

aortic dissection, pulmonary embolism, acute heart failure, peri(myo)carditis, (tension)pneumothorax.

Secondary outcome

The secondary outcome measure will be "major adverse cardiac events", defined as cardiovascular death, acute coronary syndrome, and/or urgent coronary revascularization.

Study description

Background summary

An observational study that investigates the efficiency and safety of the Netherlands Triage System for the symptom chest pain using final outcome data. In addition, the study's prospective arm will evaluate the potential role of integrating the Marburg Heart Score as part of triage decision making.

Study objective

The aims of this research proposal are threefold: 1) to evaluate the accuracy of existing telephone scripts for triage purposes used by medical assistants for patients calling with symptoms of chest pain; 2) to evaluate the discriminatory properties (test characteristics) of the Marburg Heart Score; and 3) to assess the improvement in triage accuracy when integrating the Marburg Heart Score with current telephone triage.

Study design

1 Nov 2018 start project; 31 Aug 2020 projected completion date.

Contacts

Public
Amsterdam UMC - AMC
Ralf Harskamp

0205667683
Scientific
Amsterdam UMC - AMC
Ralf Harskamp

0205667683

Eligibility criteria

Inclusion criteria

Patients who telephone the out-of-office-hours primary care with symptoms of chest pain

Exclusion criteria

Age <18; Declined study participation (opt-out); traumatic chest pain

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Single blinded (masking used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	01-11-2018
Enrollment:	2500
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion

Date:	05-03-2019
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	NL7581
Other	METC AMC : W18_035 # 18.053

Study results