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Do patient information animations enhance patient understanding compared to patient information leaflets alone for a clinical trial investigating CT coronary angiography to guide treatment of heart attack (myocardial infarction)?

Submission date 26/03/2026	**Recruitment status** Recruiting	[X] Prospectively registered [X] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [X] Record updated in last year
Registration date 27/03/2026	**Overall study status** Ongoing	
Last Edited 27/03/2026	**Condition category** Circulatory System	

Plain English summary of protocol

Background and study aims
This short research study is using a questionnaire to help design a larger research study to improve the care pathway for patients admitted to the hospital for investigation of a heart attack (non-ST elevation myocardial infarction). Patient involvement in developing research studies is a key step in designing clinical trials to ensure that researchers look at questions that are important to patients.
This study aims to:
1. To understand whether patients admitted to the hospital with a heart attack would be interested in taking part in a study using CT scanning of the coronary artery blood vessels supplying the heart to improve their care.
2. To understand whether the use of a cartoon video explaining the trial helps patient understanding of what the study is trying to do.

Who can participate?
Patients aged 16 years and over admitted to hospital with a diagnosis of non-ST elevation myocardial infarction and scheduled for invasive coronary angiography.

What does the study involve?
The study involves reading information about a proposed clinical trial using CT coronary angiography to guide the treatment of patients with non-ST elevation myocardial infarction. Participants will be split into two groups. Half will read a standard patient information leaflet describing the proposed clinical trial. Half will read the leaflet and view a video animation describing the trial in detail. After reading the leaflet and viewing the animation, participants will respond to a short questionnaire. The questionnaire is designed to understand participants'

understanding of the trial and treatment pathways for myocardial infarction and whether participants would be prepared to take part in the trial.

What are the possible benefits and risks of participating?
This is a simple questionnaire-based study examining participant understanding of treatment pathways and views about taking part in a future clinical trial. By taking part, participants may help guide the design of a future clinical trial and help improve patient care. It is not thought that there are any risks.

Where is the study run from?
Edinburgh Heart Centre, The Royal Infirmary of Edinburgh, UK.

When is the study starting and how long is it expected to run for?
April 2026 to January 2027.

Who is funding the study?
NHS Lothian, UK.

Who is the main contact?
Dr Peter Henriksen, phenrik1@ed.ac.uk

Contact information

Type(s)
Principal investigator, Scientific, Public

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Additional identifiers

Integrated Research Application System (IRAS)
355138

Study information

Scientific Title

Do patient information animations enhance patient understanding compared to patient information leaflets alone for a clinical trial investigating CT coronary angiography to guide treatment of heart attack (myocardial infarction)?

Acronym
DECIDE MI- video animation Trial

Study objectives
1. To understand whether use of a video animation explaining a complicated clinical trial improves patient understanding of what the study is trying to do and increases preparedness to take part.
2. To understand whether patients admitted to hospital with a heart attack would be willing to take part in a study using CTCA to facilitate early discharge and guide treatment decisions and care.

Ethics approval required
Ethics approval required

Ethics approval(s)
Approved 05/03/2026, HRA and Health and Care Research Wales (Health and Care Research Wales Floor Four, North Welsh Government Offices Cathays Park King Edward VII Avenue Cardiff CF10 3NQ, Cardiff, CF10 3NQ, United Kingdom; +44 02920 230457; approvals@hra.nhs.uk), ref: 26/NW/0018

Primary study design
Interventional

Allocation
Non-randomized controlled trial

Masking
Open (masking not used)

Control
Uncontrolled

Assignment
Sequential

Purpose
Health services research, This study is part of patient engagement and involvement in the planning of a multicentre UK trial comparing CT coronary angiography guided management of patients with NSTEMI with standard care.

Study type(s)

Health condition(s) or problem(s) studied
Patients with non-ST elevation myocardial infarction

Interventions

Following enrolment, participants will be allocated sequentially on each site to group 1: Reading the patient information leaflet only and group 2: Reading the patient information leaflet and viewing the video animation. The animation will be available as a link or QR code that can be accessed on the patient's phone through hospital wifi or mobile network. It may also be viewed on a handheld mobile device supplied by the investigator.
After the participant has read the leaflet and reviewed the patient animation (group 2 only), they will answer a short questionnaire with simple 'True', 'False', and 'don't know' responses. The process of reading the leaflet, viewing the video animation and answering the questions will take up to 30 minutes. The study ends with the completion of the questionnaire.

Intervention Type
Behavioural

Primary outcome(s)
1. Participant understanding and knowledge score between groups measured using a questionnaire at immediately following enrolment

Key secondary outcome(s)
1. Patient preparedness to take part in the proposed research study measured using a questionnaire at immediately following enrolment

Completion date
04/01/2027

Eligibility

Key inclusion criteria
Patients admitted to hospital with a diagnosis of non-ST elevation myocardial infarction and scheduled for invasive coronary angiography

Healthy volunteers allowed
No

Age group
Mixed

Lower age limit
16 Years

Upper age limit
100 Years

Sex
All

Total final enrolment
0

Key exclusion criteria

1. Patients with unstable symptoms, ongoing chest pain or ECG changes
2. Patients with non ST elevation myocardial infarction who are considered unsuitable or too frail for invasive coronary angiography
3. Unable to give consent owing to capacity or cognitive impairment

Date of first enrolment
01/04/2026

Date of final enrolment
02/10/2026

Locations

Countries of recruitment
United Kingdom

England

Scotland

Study participating centre
Edinburgh Heart Centre, The Royal Infirmary of Edinburgh
51 Little France Crescent
Edinburgh
Scotland
EH16 4SA

Sponsor information

Organisation
Accord (United Kingdom)

ROR
https://ror.org/01x6s1m65

Funder(s)

Funder type

Funder Name
NHS Lothian

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not expected to be made available

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Protocol file	version 1.0	17/11/2025	27/03/2026	No	No