

Contribution of inflammatory mechanisms to myocardial and vascular injury in coronary reperfusion

Submission date 07/07/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 07/07/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 12/08/2016	Condition category Circulatory System	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Billal Patel

Contact details
The Cardiothoracic Centre
Thomas Drive
Liverpool
United Kingdom
L14 3PE

Additional identifiers

Protocol serial number
4610

Study information

Scientific Title
Contribution of inflammatory mechanisms to myocardial and vascular injury in coronary reperfusion

Acronym

CRF & Endothelial Function

Study objectives

This is an observational study investigating the role of inflammation in myocardial microvascular injury following coronary angioplasty and stenting.

Ethics approval required

Old ethics approval format

Ethics approval(s)

MREC approved (ref: 05/Q1502/72)

Study design

Single centre non-randomised observational trial

Primary study design

Observational

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Topic: Cardiovascular; Subtopic: Cardiovascular (all Subtopics), Generic Health Relevance (all Subtopics); Disease: Cardiovascular, Other

Interventions

Patients undergo measurement of inflammatory markers pre- and post-angioplasty and measurement of microvascular function pre- and post-PCI.

Study entry: registration only

Intervention Type

Other

Phase

Phase III

Primary outcome(s)

Degree of change of microvascular function post-PCI

Key secondary outcome(s)

Not provided at time of registration

Completion date

14/10/2009

Eligibility

Key inclusion criteria

1. Undergoing single vessel percutaneous coronary intervention (PCI) in left anterior descending (LAD) or circumflex (Cx) artery
2. Without other significant coronary disease

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

All

Key exclusion criteria

1. Recent acute coronary syndrome (ACS)
2. Other inflammatory disease
3. Asthma

Date of first enrolment

01/04/2006

Date of final enrolment

14/10/2009

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

The Cardiothoracic Centre

Liverpool

United Kingdom

L14 3PE

Sponsor information**Organisation**

Royal Liverpool University Hospital (UK)

ROR

<https://ror.org/01ycr6b80>

Funder(s)

Funder type

Charity

Funder Name

British Heart Foundation

Alternative Name(s)

the_bhf, The British Heart Foundation, BHF

Funding Body Type

Private sector organisation

Funding Body Subtype

Trusts, charities, foundations (both public and private)

Location

United Kingdom

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration