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Does allopurinol prevent adverse left ventricular remodelling post-myocardial infarction?

Submission date 21/02/2006	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 29/03/2006	**Overall study status** Completed	
Last Edited 10/07/2017	**Condition category** Circulatory System	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Narasimharajapura Rajendra

Contact details
Department of Clinical Pharmacology
Level 7
Ninewells Hospital
Dundee
United Kingdom
DD1 9SY

Additional identifiers

Protocol serial number
RAJ001

Study information

Scientific Title
Does allopurinol prevent adverse left ventricular remodelling post-myocardial infarction?

Study objectives
Allopurinol, by inhibiting xanthine oxidase brings about a reduction in reactive oxygen species, thereby preventing adverse remodelling

Ethics approval required
Old ethics approval format

Ethics approval(s)
Regional Ethics Committee, 07/12/2005, ref: 05/S1401/171

Study design
Randomised double-blind placebo-controlled parallel group

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Myocardial infarction

Interventions
Allopurinol versus placebo

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Allopurinol

Primary outcome(s)
Assessment of remodelling

Key secondary outcome(s))
Brain natriuretic peptide (BNP)

Completion date
02/04/2008

Eligibility

Key inclusion criteria
Post myocardial infarction - days 3 to 14

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
1. Renal failure
2. Concomitant warfarin therapy
3. Allopurinol allergy

Date of first enrolment
10/02/2006

Date of final enrolment
02/04/2008

Locations

Countries of recruitment
United Kingdom

Scotland

Study participating centre
Ninewells Hospital
Dundee
United Kingdom
DD1 9SY

Sponsor information

Organisation
University of Dundee (UK)

ROR
https://ror.org/03h2bxq36

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes