# A randomised double blinded placebo controlled trial of adrenaline in cardiac arrest

Submission date	Recruitment status No longer recruiting	[X] Prospectively registered		
27/03/2003		☐ Protocol		
Registration date	Overall study status	Statistical analysis plan		
27/03/2003	Completed	[X] Results		
Last Edited	Condition category	[] Individual participant data		
07/10/2021	Circulatory System			

# Plain English summary of protocol

Not provided at time of registration

# Contact information

# Type(s)

Scientific

#### Contact name

Dr Ian Jacobs

#### Contact details

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# Additional identifiers

**EudraCT/CTIS** number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

RA/4/1/0524

# Study information

#### Scientific Title

A randomised double blinded placebo controlled trial of adrenaline in cardiac arrest

#### **Study objectives**

Intravenous adrenaline administered intravenously does not improve survival following outside of hospital cardiac arrest.

# Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Not provided at time of registration.

#### Study design

Randomised controlled trial

#### Primary study design

Interventional

#### Secondary study design

Randomised controlled trial

#### Study setting(s)

Not specified

#### Study type(s)

Treatment

## Participant information sheet

# Health condition(s) or problem(s) studied

Cardiac Arrest

#### **Interventions**

Patients meeting the above criteria were randomised to receive either placebo administered intravenously (Control arm) or intravenous adrenaline according to standard resuscitation treatment guidelines (Experimental arm).

#### Intervention Type

Drug

#### Phase

**Not Specified** 

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

adrenaline

#### Primary outcome measure

#### Survival to hospital discharge

#### Secondary outcome measures

- 1. Return of spontaneous circulation
- 2. Survival at one year

# Overall study start date

01/01/2005

## Completion date

30/06/2007

# **Eligibility**

#### Key inclusion criteria

All patients in cardiac arrest upon arrival of Ambulance Paramedics in whom resuscitation is initiated

# Participant type(s)

**Patient** 

## Age group

Adult

#### Sex

Both

# Target number of participants

2250

## Key exclusion criteria

- 1. Patients under the age of 18 years
- 2. Patients in which advanced life support was not commenced (i.e. deceased before ambulance arrival)

#### Date of first enrolment

01/01/2005

#### Date of final enrolment

30/06/2007

# Locations

#### Countries of recruitment

Australia

#### Study participating centre

# **Department of Emergency Medicine**

Nedlands Australia 6009

# Sponsor information

## Organisation

Western Australian Prehospital Care Research Unit (Australia)

#### Sponsor details

Department of Emergency Medicine University of Western Australia Nedlands Australia 6009

#### Sponsor type

Hospital/treatment centre

#### Website

http://www.uwa.edu.au/

# Funder(s)

# Funder type

Research council

#### **Funder Name**

National Health and Medical Research Council

# Alternative Name(s)

**NHMRC** 

#### **Funding Body Type**

Government organisation

# **Funding Body Subtype**

National government

#### Location

Australia

# **Results and Publications**

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

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?
Results article		02/07/2011	07/10/2021	Yes	No