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

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

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Protocol serial number 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

Study type(s)

Treatment

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(s)

Survival to hospital discharge

Key secondary outcome(s))

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

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

Healthy volunteers allowed

No

Age group

Adult

Sex

All

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)

Funder(s)

Funder type

Research council

Funder Name

National Health and Medical Research Council

Alternative Name(s)

National Health and Medical Research Council, Australian Government, NHMRC National Health and Medical Research Council, NHMRC

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

Australia

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article		02/07/2011	07/10/2021	Yes	No