

Use of Animal-Assisted Therapy to decrease cardiopulmonary pressures, neurohormone levels, and state anxiety in patients hospitalised with heart failure

Submission date 11/10/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 13/10/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 30/10/2008	Condition category Circulatory System	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

NCT00391456

Secondary identifying numbers

Grant number: 01061809

Study information

Scientific Title

Acronym

AAT

Study objectives

To determine whether a 12-minute hospital visit with a therapy dog improves haemodynamics, lowers neurohormone levels, and decreases state anxiety in patients hospitalised with heart failure.

Ethics approval required

Old ethics approval format

Ethics approval(s)

University of California and Los Angeles Institutional Review Board (UCLA IRB) approved November 2001.

Study design

A three group, randomised, repeated-measures experimental design.

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Treatment

Participant information sheet

Health condition(s) or problem(s) studied

Heart failure

Interventions

Group one: 12-minute visit from a volunteer with a therapy dog

Group two: 12-minute visit from a volunteer

Group three: control group, received usual care

Data were collected at baseline, eight minutes after the intervention started, and 16 minutes (four minutes after intervention ended).

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

1. Haemodynamics
2. Neurohormonal levels
3. State anxiety

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/11/2001

Completion date

31/07/2004

Eligibility**Key inclusion criteria**

1. Diagnosis of heart failure requiring medical management with an indwelling pulmonary artery catheter
2. Age between 18 and 80 years
3. Ability to read, write, and speak English
4. Orientation status of alert and oriented to person, place, and time
5. Systemic Vascular Resistance (SVR) greater than 1200 dyne/sec/cm⁻⁵ at least once within 12 hours from the start of data collection

Participant type(s)

Patient

Age group

Adult

Lower age limit

18 Years

Upper age limit

80 Years

Sex

Not Specified

Target number of participants

76

Key exclusion criteria

1. SVR less than 1200 dyne/sec/cm⁻⁵
2. Allergies to dogs
3. Immunosuppression, defined as a white blood cell count of less than 4500 cells/mm³
4. Infection as determined by an elevated white blood cell count exceeding 11,000 cells/mm³
5. Body temperature greater than 38 degrees Celsius
6. Decreased level of consciousness

Date of first enrolment

01/11/2001

Date of final enrolment

31/07/2004

Locations

Countries of recruitment

United States of America

Study participating centre

UCLA School of Nursing

Los Angeles

United States of America

90095

Sponsor information

Organisation

Pet Care Trust Foundation (USA)

Sponsor details

The Southern Building

805 15th Street, 9th Floor

Washington, DC

United States of America

20005

Sponsor type

Charity

ROR

<https://ror.org/05w9ckg77>

Funder(s)

Funder type

Charity

Funder Name

Pet Care Trust Foundation (USA)

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	results	01/11/2007		Yes	No