

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	☐ Prospectively registered
Registration date 13/10/2006	Overall study status Completed	☐ Protocol
Last Edited 30/10/2008	Condition category Circulatory System	☐ Statistical analysis plan
		☒ Results
		☐ 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

ClinicalTrials.gov (NCT)

NCT00391456

Protocol serial number

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

Study type(s)

Treatment

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(s)

1. Haemodynamics
2. Neurohormonal levels
3. State anxiety

Key secondary outcome(s))

Not provided at time of registration

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

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Upper age limit

80 years

Sex

Not Specified

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)

ROR

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

Funder(s)

Funder type

Charity

Funder Name

Pet Care Trust Foundation (USA)

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?
Results article	results	01/11/2007		Yes	No