ISRCTN26749623 https://doi.org/10.1186/ISRCTN26749623

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

Registration date
13/10/2006

Overall study status
Completed

Last Edited
30/10/2008

Condition category
Circulatory System

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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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.

Primary study design
Interventional

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

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/mm^3
4. Infection as determined by an elevated white blood cell count exceeding 11,000 cells/mm^3
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