

INPLASY PROTOCOL

The effect of Animal Assisted Therapy on physical activity in elderly

To cite: Kumban et al. The effect of Animal Assisted Therapy on physical activity in elderly. Inplasy protocol 202290049. doi: 10.37766/inplasy2022.9.0049

Kumban, W¹; Santiworakul, A²; Cetthakrikul, S³.

Received: 12 September 2022

Published: 12 September 2022

Corresponding author:
wannisa kumban

wannisa.ku@wu.ac.th

Author Affiliation:
Walailak university and Movement Science and Exercise Research Center- Walailak University (MoveSE-WU).

Support: No.

Review Stage at time of this submission: The review has not yet started.

Conflicts of interest:
None declared.

Review question / Objective: What are the effect of Animal Assisted Therapy on physical activity in elderly. PICO's P: Elderly; I: Animal Assisted Therapy; C: Compare; O: Physical activity, physical fitness, health-related fitness; S: experimental study/ compare between group/ pre-post test. **Eligibility criteria:** Inclusion criteria comprised any studies that provided experimental study design or observational data on cross-sectional comparisons between groups. The outcome analyzed in this review was the effect of animal assisted or pet or human-animal interaction on physical activity that was studied in all elderly populations (age > 60 years), in any setting e.g., home, community-based, or hospital. The articles were published in English full-text articles only between 2012 and 2022.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 12 September 2022 and was last updated on 12 September 2022 (registration number INPLASY202290049).

Condition being studied: Elderly who aged more than 60 years.

METHODS

Participant or population: Elderly who aged more than 60 years.

Intervention: No.

INTRODUCTION

Review question / Objective: What are the effect of Animal Assisted Therapy on physical activity in elderly. PICO's P: Elderly; I: Animal Assisted Therapy; C: Compare; O: Physical activity, physical fitness, health-related fitness; S: experimental study/ compare between group/ pre-post test.

Comparator: A group of owner and non owner, A group of received and not received Animal Assisted Therapy/ ActivityCom.

Study designs to be included: Cross sectional study, RCT, Experimental study, Compare between group, Pre-post test

Eligibility criteria: Inclusion criteria comprised any studies that provided experimental study design or observational data on cross-sectional comparisons between groups. The outcome analyzed in this review was the effect of animal assisted or pet or human-animal interaction on physical activity that was studied in all elderly populations (age > 60 years), in any setting e.g., home, community-based, or hospital. The articles were published in English full-text articles only between 2012 and 2022.

Information sources: PubMed, CINAHL, Scopus

Main outcome(s): Physical Activity.

Additional outcome(s): None.

Data management: Study selection - Identified keyword, search terms on databases, Screening title and abstract according to criteria - Recruit the paper into study. Data extraction - If disagreements, two of three judgements will be used - Record data in excel spreadsheet.

Quality assessment / Risk of bias analysis: Assess characteristics by concern methods of randomisation and treatment allocation

Strategy of data synthesis: The data will be synthesized at least 5 studies.

Subgroup analysis: No subgroup analysis.

Sensitivity analysis: None.

Language restriction: The articles were published in English.

Country(ies) involved: Thailand.

Other relevant information: None.

Keywords: Animal Assisted Therapy, Elderly, Physical Activity.

Dissemination plans: we will plan to publish in journal after finish.

Contributions of each author:

Author 1 - Wannisa Kumban - Corresponding; Searching; drafted the manuscript.

Email: wannisa.ku@wu.ac.th

Author 2 - Anoma Santiworakul - searching; drafted the manuscript.

Email: panoma@wu.ac.th

Author 3 - Salila Cetthakrikul - searching; drafted the manuscript.