

Appendix 1

Complete Search Strategies

Database: Ovid MEDLINE(R), Ovid MEDLINE(R) Daily and Epub Ahead of Print, In-Process & Other Non-Indexed Citations <1946 to Present>

Search Strategy:

- 1 frail\$.mp. (17996)
- 2 randomized controlled trial.pt. (457378)
- 3 controlled clinical trial.pt. (93383)
- 4 randomized.ab. (397637)
- 5 placebo.ab. (187119)
- 6 clinical trials as topic.sh. (184600)
- 7 randomly.ab. (276903)
- 8 trial.ti. (178333)
- 9 2 or 3 or 4 or 5 or 6 or 7 or 8 (1122484)
- 10 exp animals/ not humans.sh. (4366042)
- 11 9 not 10 (1036104)
- 12 1 and 11 (1777)

Database: Embase Classic+Embase <1947 to 2017 March 31>

Search Strategy:

- 1 frail\$.mp. (23779)
- 2 randomized.ab. (533752)
- 3 placebo.ab. (250556)
- 4 randomly.ab. (352647)
- 5 trial.ti. (229861)
- 6 clinical trial/ (1059668)
- 7 2 or 3 or 4 or 5 or 6 (1790133)
- 8 1 and 7 (3032)
- 9 limit 8 to animals (23)
- 10 limit 8 to animal studies (24)
- 11 9 or 10 (40)
- 12 8 not 11 (2992)
- 13 limit 12 to (book or book series or chapter or conference abstract or conference paper or conference proceeding or "conference review" or editorial or letter or trade journal) (710)
- 14 12 not 13 (2282)

Database: Global Health <1973 to 2017 Week 12>

Search Strategy:

- 1 frail\$.mp. (1900)
- 2 randomized controlled trial.pt. (0)
- 3 controlled clinical trial.pt. (0)
- 4 randomized.ab. (58616)
- 5 placebo.ab. (28788)
- 6 clinical trials as topic.sh. (0)
- 7 randomly.ab. (69054)
- 8 trial.ti. (23716)
- 9 2 or 3 or 4 or 5 or 6 or 7 or 8 (139707)
- 10 1 and 9 (198)

Database: PsycINFO <1806 to March Week 4 2017>

Search Strategy:

-
- 1 frail\$.mp. (3850)
 - 2 randomized.ab. (52885)
 - 3 placebo.ab. (35052)
 - 4 randomly.ab. (61453)
 - 5 trial.ti. (23551)
 - 6 clinical trials/ (10282)
 - 7 clinical trial*.ab,ti. (25818)
 - 8 2 or 3 or 4 or 5 or 6 or 7 (154727)
 - 9 1 and 8 (273)

04/04/2017 Print Search History: EBSCOhost CINAHL

S13	S4 AND S12	593	
S12	S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11		204,994
S11	TI trial*		54,984
S10	AB randomly	35,347	
S9	AB placebo	24,259	
S8	AB randomized		60,863
S7	PT controlled clinical trial	1,332	
S6	PT randomized controlled trial		30,884
S5	(MH "Clinical Trials+")		141,747
S4	S1 OR S2 OR S3		6,644
S3	TI frail*		2,586
S2	AB frail*	3,418	
S1	(MH "Frail Elderly")	4,031	

Appendix 2

Data Abstraction Form:	
Reviewer Initials	
Study Number	
First Author	
Year Published	
Pre-2000, Post-2000	<input type="checkbox"/> Yes <input type="checkbox"/> No
Study Characteristics	
Specific Study Design	
Setting of Care	<input type="checkbox"/> Acute Care <input type="checkbox"/> Long-term Care/Residential <input type="checkbox"/> Primary Care
Multicenter	<input type="checkbox"/> Yes, #: _____ <input type="checkbox"/> No
Population (n)	
Inclusion Criteria	
Exclusion Criteria	
Proportion of Eligible Enrolled	
Definition of Frailty Used	<input type="checkbox"/> Yes, <i>specify:</i> _____ _____ <input type="checkbox"/> No

Intervention/Allocation	
Intervention	
Number of Patients in Intervention Group	
Control	
Number of Patients in Control Group	
Duration of follow-up	
Outcomes	
Primary Outcome	
Measure/Definition of Primary Outcome	
Results of Primary Outcome	Intervention group: Control group: Precision of treatment effect:
Secondary Outcome	
Measure/Definition of Secondary Outcome	
Results of Secondary Outcome	Intervention group: Control group: Precision of treatment effect:
Quality of Life (QoL) Measured?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Measure/Definition of QoL	
QoL Results	Intervention group:

	Control group: Precision of treatment effect:
Internal Validity (Assessment of Risk of Bias)	
Randomization (selection bias)	
Concealment of Treatment Allocation (selection bias)	
Blinding of Participants and Personnel (performance bias)	
Blinding of Outcome Assessment (detection bias)	
Losses to Follow Up / Incomplete Outcome Data (attrition bias)	
Selective Reporting Bias	
Other Limitations/Bias	
Overall Risk of Bias	
Quality of Evidence	
Quality of Evidence	<input type="checkbox"/> High (++++) <input type="checkbox"/> Moderate (++++) <input type="checkbox"/> Low (++) <input type="checkbox"/> Very Low (+)