Zhuang C, Luo X, Wang Q, et al. The effect of exercise training and physiotherapy on diastolic function, exercise capacity and quality of life in patients with heart failure with preserved ejection fraction: a systematic review and meta-analysis. Kardiol Pol. 2021.

Please note that the journal is not responsible for the scientific accuracy or functionality of any supplementary material submitted by the authors. Any queries (except missing content) should be directed to the corresponding author of the article.

Article,	Country	Participants	Mean age	Intervention/control	Duration of trial	
year			(SD)	groups	period	
		G1: $n = 15, 40\%$	G1: 72 (9)			
Palau	Spain	males	G2: 75 (9)	G1: FES	Twice per week	
(2019)	Span	G2: $n = 13, 31\%$		G2: Usual care	for 12 weeks	
		males				
		G1: $n = 15, 47\%$	G1: 75 (10)			
Palau	Spain	males	G2: 75 (9)	G1: IMT	Twice per week	
(2019)		G2: $n = 13, 31\%$		G2: Usual care	for 12 weeks	
		males				
		G1: $n = 15, 40\%$	G1: 72 (9)			
Palau	Spain	males	G2: 75 (9)	G1: FES	Twice per week	
(2019)		G2: $n = 13, 31\%$		G2: Usual care	for 24 weeks	
		males				
		G1: $n = 15, 47\%$	G1: 75 (10)			
Palau	Smain	males	G2: 75 (9)	G1: IMT	Twice per week	
(2019)	Spain	G2: $n = 13, 31\%$		G2: Usual care	for 24 weeks	
		males				
Maldonado-	Spain	Total patients: 13%	G1: 67.5	G1: Endurance	Three times per	
Martín	Spain	males	(5.9)	training	week for 16	

Table S1. Characteristics of the included studies

(2017)		G1: n = 23	G2: 65.6	G2: Control group	weeks
		G2: n = 24	(4.8)		
Kitzman (2016)	USA	G1: n = 51, 20% males G2: n = 49, 18% males	G1: 66.9 (5.5) G2: 66.0 (4.8)	G1: Endurance training G2: No intervention	Three times per week for 20 weeks
Fu (2016)	China	G1: n = 30, 67% males G2: n = 29, 62% males	G1: 60.5 (14.8) G2: 62.4 (12.9)	<ul><li>G1: Endurance</li><li>training</li><li>G2: General health</li><li>care</li></ul>	Three sessions per week for 12 weeks
Nolte (2015)	Germany	G1: n = 44, 45% males G2: n = 20, 40% males	G1: 64 (8) G2: 65 (6)	G1: A combination of endurance and resistance training G2: Usual care	Weeks1-4:endurancetrainingtwotimes per weekFromweekFromweekonward:endurancetrainingthreetimes per weekResistancetrainingtwotimes per week
Karavidas (2013)	Greece	G1: n = 15, 40% males G2: n = 15, 40% males	G1: 69.4 (8.6) G2: 68.5 (7.9)	G1: FES G2: A placebo training	Five times per week for 6 weeks
Kitzman (2013)	USA	G1: n = 32, 72% females G2: n = 31, 80%	G1: 70 (7) G2: 70 (7)	G1: Endurance training G2: Attention	Three times per week for 16 weeks

		females		control	
Palau (2013)	Spain	G1: n = 14, 50% males G2: n = 12, 50% males	G1: 68 (13) G2: 74 (3)	G1: IMT G2: No intervention	Two sessions per week for 12 weeks
Smart (2012)	Australia	G1: n = 12, 58% males G2: n = 13, 46% males	G1: 68 (11) G2: 65 (6)	G1: Endurance training G2: Sedentary control group	Three times per week for 16 weeks
Haykowsky (2012)	USA	G1: n = 22, 18% males G2: n = 18, 5% males	G1: 70 (6) G2: 68 (5)	G1: Endurance training G2: Control group	Three times per week for 16 weeks
Alves (2012)	Portugal	Total patients: 71% males G1: n = 20 G2: n = 11	Total: 62.9 (10.2)	G1: Endurance training G2: No intervention	Three times per week for 24 weeks
Edelmann (2011)	Germany	G1: n = 44, 45% males G2: n = 20, 40% males	G1: 64 (8) G2: 65 (6)	G1: A combination of endurance and resistance training G2: Usual care	Endurance training: two times per week (weeks 1-4); three times per week (from week 5 onward) Resistance training two times per week
Kitzman (2010)	USA	G1: n = 26, 23% males	G1: 70 (6) G2: 69 (5)	G1 : Endurance	Three times per week for 16

		G2: $n = 27, 26\%$		G2: Control group	weeks
		males			
		G1: $n = 15, 0\%$	G1: 67 (11)	G1: Endurance	Three sessions
Gary		males	G2: 69 (11)		
(2004)	USA	G2: $n = 13, 0\%$		training	per week for 12
		males		G2: Control group	weeks

Abbreviations: FES, functional electrical stimulation; IMT, inspiratory muscle training; NYHA, New

York Heart Association; SD, standard deviation

Article, year	Eligibility criteria	Random	Concealed allocation	Baseline comparability	Blind subjects	Blind	Blind	Adequate follow-up	Intention to treat analysis	Between- group comparisons	Point estimates and variability
Palau (2019)	YES	YES	NO	YES	NO	YES	YES	YES	NO	YES	YES
Maldonado- Martín (2017)	YES	YES	NO	YES	NO	YES	NO	YES	NO	YES	YES
Kitzman (2016)	YES	YES	NO	YES	NO	YES	NO	YES	YES	YES	YES
Fu (2016)	YES	NO	NO	YES	NO	NO	NO	YES	NO	YES	YES
Nolte (2015)	YES	YES	NO	YES	NO	NO	NO	YES	NO	YES	YES
Karavidas (2013)	YES	YES	NO	YES	NO	NO	YES	YES	NO	YES	YES

**Table S2.** Risks of bias among the included studies

Kitzman (2013)	YES	YES	NO	YES	NO	NO	YES	YES	YES	YES	YES
Palau (2013)	YES	YES	NO	YES	NO	NO	NO	YES	YES	YES	YES
Haykowsky (2012)	YES	YES	NO	YES	NO	YES	NO	YES	YES	YES	YES
Alves (2012)	YES	YES	NO	YES	NO	YES	NO	YES	YES	YES	YES
Smart (2012)	YES	YES	NO	YES	NO	NO	NO	YES	YES	YES	YES
Edelmann (2011)	YES	YES	NO	YES	NO	NO	NO	YES	NO	YES	YES
Kitzman (2010)	YES	YES	NO	YES	NO	NO	YES	YES	YES	YES	YES
Gary (2004)	YES	YES	NO	YES	NO	NO	NO	YES	NO	YES	YES