

Clinical trials of Exercise Therapy for heart failure in all type of patients

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1 exercise training

Trial	Treatments	Patients	Trials design and methods
Exercise training vs control			
Dubach et al , 1997 n=24/26 follow-up: 0.7 y	Supervised walking, two hours daily; supervised cycling 40minutes four days a week versus control	patients with chronic heart failure	open Switzerland
Giannuzzi et al , 1997 n=46/42 follow-up: 0.6 y	Supervised cycling, 30 minutesthree days a week for two months, then home based 30 minutes for three days a week and walking for 30 minutes versus control	patients with <40% ejection fraction after a first Q-wave myocardial infarction	open Italy
Belardinelli et al , 1999 n=50/49 follow-up: 3.1 y	Supervised cycling, 60 minutes three days a week for eightweeks, then two days a week versus no exercise	patients with CHF	open 65279;Italy
Hambrecht et al , 1995 n=34/35 follow-up: 0.4 y	Supervised and home based walking, calisthenics, cycling40-60 minutes a day versus physically inactive control group	patients with chronic heart failure	open Germany
ExTraMATCH , 2004 n=NA follow-up:	-	-	
Kiilavuori et al , 2000 n=12/15 follow-up: 6.3 y	Supervised cycling 30 minutes three days a week for three months, then home basedtraining (walking, cycling,rowing, and swimming) versus control	patients with stable NYHA class II-III CHF	open Finland
McKelvie et al , 2002 n=90/91 follow-up: 1.5 y	Supervised aerobic (cycling,treadmill, arm) and resistance training 30 minutes three days a week for three months, then home based aerobic training three days a week versus usual care	patients in NYHA class I to III, with ejection fraction <40% and 6-minute walk distance <500 meters	single blind Canada
Zanelli et al , 1997 n=76/79 follow-up: 0.8 y	-	-	Italy

continued...

Trial	Treatments	Patients	Trials design and methods
Wielenga et al , 1999 n=41/39 follow-up: 3.9 y	Supervised cycling, walking,ball game 30 minutes threedays a week for eight weeks, then two days a week versus control	patients with chronic heart failure NYHA II-III	open Netherlands
Willenheimer et al , 1998 n=22/30 follow-up: 4.4 y	Supervised interval cyclingtraining (90 second exercise and 30 second rest) for 15-45 minutes two days a weekc versus control	patients with stable mild-to-moderate heart failure	open Sweden
Resistance and Aerobic Training vs control			
HEARTS <i>ongoing</i> n=NA	-	-	
structured exercise training vs control			
HF-ACTION , 2008 [NCT00047437] n=1159/1172 follow-up: mean 2.5 y	highly structured exercise program focused on increasing workout intensity and duration versus usual care,including recommendations for daily exercise	heart-failure patients (NYHA class 2-4, ejection fraction <35%)	Parallel groups open USA, Canada, France

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2 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

TrialResults-center is non-profit and self-funded.