

Table I - Description of characteristics of the clinical trial population in patients with CAD

Author/year		Age	Gender	BMI	Ejection fraction
Rognmo <i>et al.</i> , 2004	HIIT	62,9±11.2	75% (M) 25% (F)	26.7±4.1	54.8 ±9.1
	MIT	61,2 ±7,3	88,8% (M) 22,2%(F)	26.9±2.7	51.9 ±9.6
Warbuton <i>et al.</i> , 2005	HIIT	55±7	100%(M) 0 (F)	Data not provided	Data not provided
	MIT	57±8	100% (M) 0 (F)	Data not provided	Data not provided
Currie <i>et al.</i> , 2013	HIIT	62 ± 11	n = 11*	27.9±4.9	Data not provided
	MIT	68 ± 8	n = 11*	27.3 ±4.2	Data not provided
Currie <i>et al.</i> , 2014	HIIT	63 ± 8	n = 9*	28.9±4.8	Data not provided
	MIT	66 ± 8	n =11*	27.3±4.0	Data not provided
Keteyan <i>et al.</i> , 2014	HIIT	60 ± 7	73% (M) 27% (F)	30,4 ± 5,6	Data not provided
	MIT	58 ±9	92% (M) 8% (F)	30,6 ± 6,2	Data not provided
Cardozo <i>et al.</i> , 2015	HIIT	56± 21	63% (M) e 37% (F)	27.5 ± 5.9	63 ± 12
	MITC	62 ±12	66% (M) e 34%(F)	26.8 ± 4.8	60 ± 14
	G	64 ± 12	76%(M) e 24% (F)	26.9 ± 4.4	67 ± 10
Conraads <i>et al.</i> , 2015	HIIT	57±8.8	91% (M) e 9%(F)	28.0 ± 4.4	57.1 ± 8.5
	MIT	59.9±9.2	89% (M) e 11% (F)	28.5 ± 4.3	56.8 ± 7.7
Prado <i>et al.</i> , 2016	HIIT	56.5 ± 2.7	82,3% (M) 17,7%(F)	28.5 ± 0.7	57.2 ± 2.0
	MIT	61.3 ± 2.2	77,7% (M) 33,3% (F)	28.0 ± 1.0	55.1 ± 4.1
Jaureguizar <i>et al.</i> , 2016	HIIT	58 ± 11	92% (M) 8%(F)	29,6± 4,4	62 ± 11
	MIT	58 ± 11	72% (M) 28%(F)	29,5 ± 4,1	59 ± 14
Pattyn <i>et al.</i> , 2017	HIIT	57 ± 8,8	91 % (M) 9 % (F)	28 ±4,4	Data not provided
	MIT	59,9 ± 9,2	89 % (M) 11 % (F)	28,5 ± 4,3	Data not provided

HIIT = High Intensity Interval Training; MIT = Moderate Intensity Training; CG = Control Group; M = Male; F = Female. *There was no gender distinction

Table II - Description of clinical trial protocols included in systematic review and their respective results

Author/Year	Test protocol	Training protocol	Results
Rognmo <i>et al.</i> , 2004 [20]	Performed on treadmill with speed: 3km/h at 6km/h and slope: 0% to 5%. 2% slope increase every minute.	HIIT: Heating and relaxation (60% to 75% of peak VO ₂ and 50% to 60% of peak HR) Conditioning (80% to 90% of peak VO ₂ and 85% to 95% of peak HR) range: 3 minutes MIT: Intensity of 50-60% VO ₂ peak for 40 minutes	HIIT: ↑VO ₂ peak MIT: ↑VO ₂ peak
Warbuton <i>et al.</i> , 2005 [21]	Performed in two days on treadmill Day 1: The Bruce protocol was used until the individual reached exhaustion Day 2: High intensity exhaust time test (90% of HR reserve).	HIIT: Conditioning with duration of 2 minutes and intensity of 90% of HR and VO ₂ . (Range With 85% a 95%), And Recovery with duration of 2 minutes, using 40% of HR and VO ₂ of reservation. (range from 35% to 45%) MIT: 30 minutes of aerobic training with 65% of HR and VO ₂ of reservation	HIIT: ↑ VT in both groups, the ventilatory efficacy wasn't changed during CR MIT: ↑ VT in both groups, the ventilatory efficacy wasn't changed during CR

Currie <i>et al.</i> , 2013 [22]	It was performed with cycloergometer with work load: 100 kpm and 100 kpm increase every 1 minute.	HIIT: 10 cycling intervals from 1 minute to 89% peak workload. MIT: 58% of the peak work. Progression from 30 minutes to 40 then to 50 minutes	HIIT: ↑VO ₂ max, VO ₂ on VT and Workload MIT: ↑VO ₂ max, VO ₂ on LA and peak workload
Currie <i>et al.</i> , 2014 [23]	It was performed with cycloergometer with workload: 100 kpm and 100 kpm increase every 1 minute.	HIIT: Active interval of 1 minute with a load of 10% and the active period with an intensity of 85% and the progression was: 100% in the 2nd month, 108% in the 3rd month, 121% in the 4th to the 6th month MIT: 57% of the peak work. 30 minutes from 1st to 3rd and 50 minutes from 4th to 6th month	HIIT: ↑ Significant HR variation (p=0,005) ↓ External work ↑ VO ₂ peak during the 3 ^o and the 6 ^o month (p<0,001) MIT: ↑ VO ₂ peak during the 3 ^o and the 6 ^o month (p<0,001)
Keteyan <i>et al.</i> , 2014 [24]	The modified Bruce protocol was performed on an ergometric treadmill. Patients were encouraged to reach the classification: difficult and very difficult on the Borg scale	HIIT: Active Heating and recovery using 60% to 70% of the FC. Conditioning with intensity of: 80% to 90% of HR. Active intervals of 4 minutes. MIT: Periods: heating, conditioning and relaxation with an intensity of 60% to 80% of the HR reserve.	HIIT: ↑ VO ₂ on VT ↓ HR submaximum ↑ Workload ↑ VO ₂ max MIT: ↑ de 33% VO ₂ max ↓ HR submaximum
Cardozo <i>et al.</i> , 2015 [25]	It was performed on the treadmill with increases of workload every 8 to 12 minutes	HIIT = Exercises with up to 90% of peak HR, and 60% of peak HR, with alternating workloads every 2 minutes MIT = 5 minutes of Heating + 30 minutes of exercise on the treadmill (70% to 75% of peak hr) + 5 minutes of deheating. GC: Did not participate in the trainings	HIIT: ↑VO ₂ peak (p=0,04) e O ₂ P (p=0,05) and maintenance of the levels VE/CO ₂ slope (p=0,48) and OUES (p=0,16), VE and VO ₂ on VT MIT: Stabilization of the levels of VO ₂ peak, O ₂ P (p>0,05) and the VE/CO ₂ slope and OUES (p=0,48) (p=0,16) e VE and VO ₂ on VT GC: ↓VO ₂ peak O ₂ P
Conraads <i>et al.</i> , 2015 [26]	Performed on an ergometer bicycle with power from 10 to 20 W and increases from 10W to 20 W every minute.	HIIT: Exercise with 90 to 95% of the HR on the ergometric bike. MIT: Exercise with 70 to 75% of the FC performed on an ergometer bicycle	HIIT: ↑VO ₂ peak, HR max and O ₂ P (p<0,001) MIT: ↑VO ₂ peak, HR max and O ₂ P (p<0,001)

Jaureguazar <i>et al.</i> , 2016 [27]	Performed in a cycle ergometer with gradual increments of 10, 15 or 20 W / min.	HIIT: Repetitions of 20 seconds with intensity of 50% in the first month. MIT: first month the intensity was based on the HR below the 1st La 2nd month: intensity corresponding to 10% of the HR in the 2nd LA	HIIT: \uparrow VO ₂ and ventilatory threshold (p<0,05). \uparrow Workload and HR Max (p<0,001) MIT: \uparrow VO ₂ and ventilatory threshold (p<0,05).
Prado <i>et al.</i> , 2016 [28]	Maximum test performed on the ergometric treadmill with ramp protocol with load increase every minute	HIIT: 7 times of 3 minutes with intensity equivalent to RCP and 7 "intervals" of 3 minutes with intensity, equivalent to VT MIT: 50 minutes of treadmill exercise in VT intensity	HIIT: \uparrow VO ₂ peak, VO ₂ (VT), OUES and ventilatory efficiency and \downarrow VE/VCO ₂ slope MIT: \uparrow VO ₂ peak, VO ₂ (VT), OUES and Ventilatory efficiency and \downarrow VE/VCO ₂ slope No difference between groups in peak HR and VCO ₂ /VO ₂
Pattyn <i>et al.</i> , 2017 [29]	Maximum test performed on the ergometric treadmill with ramp protocol with load increase every minute	HIIT: Heating with 60% to 70% of HR peak and conditioning in 4 times 85% to 95% of peak HR. Active intervals in 4-Stroke with 50% of peak HR. MIT: Heating: 60% to 70% of peak HR and conditioning: 75% of the peak HR.	HIIT: \uparrow VO ₂ peak, OUES, VO ₂ and the load on the first and second threshold (p<0,05). VE/VCO ₂ slope has not undergone any changes (p>0,05) MIT: \uparrow VO ₂ peak, OUES, VO ₂ and the load on the 1st and 2nd threshold (p<0.05). VE/VCO ₂ slope has not undergone any changes (p>0,05)

HIIT = High Intensity Interval Training, MIT = Moderate Intensity Training; CG = Control Group; HR = Heart rate; BP = Blood Pressure; VO₂ peak = Oxygen consumption at maximum stress point; CR = Cardiac Rehabilitation; VE = Pulmonary ventilation; PuO₂ = Oxygen Pulse; OUES: Inclination on oxygen consumption efficiency; VE/VCO₂ slope = Inclination of the ventilatory equivalent of carbon dioxide; VT = Ventilatory threshold; VE/VO₂ = Ventilatory equivalent of oxygen; VE/VCO₂ = Ventilatory equivalent of carbonic gas; RCP = Respiratory compensation Point