

CPET Summary



Name	A, a	Weight	113.0 kg
ID	RSS05	Height	180 cm
Age	53		
Sex	female		
Date	3/28/2022 1:01 PM	Workload Protocol	
Duration	0:11:18	Kind of Test	Lab Test
Operator		Sport	Walking
Device	MetaMax 3B-R2	Ambient Conditions	
Workload Device		Temperature	24.4°C
		Pressure	999mBar

Normal Values

Variable	Author	Value	Unit
Maximum Oxygen Uptake	Wasserman weight algorithm	1.85	L/min
Maximum Heart Rate	Traditional formula for bicycle test	147	/min
Maximum Oxygen Pulse	Wasserman equation	13	ml
Maximum Work Rate	Based on normal maximum oxygen uptake	155	W
Maximum Minute Ventilation	Individual normal value, based on MVV or FEV1	99.5	L/min
Maximum Breathing Frequency	Pollock et al. equation	23	/min

Protocol

Name:

Description:

Time

Test Results

Group	Variable	Unit	Rest	VT1	V'O2peak	Recovery	Norm.
Time	t	s	0:03:39	-	0:09:45	0:12:00	-
Workload							
Metabolism	V'O2	L/min	0.57	-	1.40	1.03	1.85
	V'O2%Norm	%	31	-	76	56	-
	V'O2/kg	ml/min/kg	5	-	12	9	12
	RER		0.74	-	0.81	0.82	-
Cardiovascular	HR	/min	72	-	99	92	99
	V'O2/HR	ml	8	-	14	11	13
	BPs	mmHg	-	-	-	-	189
	BPd	mmHg	-	-	-	-	-
Ventilation	V'E	L/min	14.2	-	34.9	26.6	99.5
	VT	L	0.66	-	1.12	1.05	-
	BF	/min	22	-	31	25	23
	%BR	%	89	-	72	79	-
	V'E/V'O2		19.3	-	21.7	22.4	-
	V'E/V'CO2		26.0	-	26.9	27.1	-
	VD/VT(est)		0.03	-	0.11	0.10	-
Gas Exchange	PaO2	mmHg	-	-	-	-	-
	PaCO2(est.)	mmHg	37	-	39	39	-
	P(A-a)O2	mmHg	-	-	-	-	-
	P(a-et)CO2(est.)	mmHg	1	-	-1	-1	-
	pH		-	-	-	-	-
	BE	mmol/L	-	-	-	-	-
	PetCO2	mmHg	36	-	40	40	-

Medical Findings

The patient executed a 6 minute walk test and reached a distance of 399 m. This is 85 % of the normal distance 472 m. The mean speed was 4.0 km/h.

Before the test the following drugs were administered: None.

The patient performed the test without pauses.

The patient executed the test completely.