



**Kinesiology Department**  
 700 Gardiners Road  
 Kingston, Ontario, Canada K7M3X9  
 Phone: (613) 384-1977

Date: **25-Sep-12**

Name: **William D. Roberts**

DOB: **19-Dec-54** Age: **57**

ID: **008**

Sex: **M** Height: **190 cm**

Race: **W** Weight: **100.4 Kg**

BMI: **27.8**



Smoker: **N** Pack years: **N/A**

Student: **Thomas Fallon**

Faculty: **Colin D. Chapman, M.D.**

*Summary*

		Predicted	Measured	% Predicted			
<b>Spirometry</b>	FVC (L)	5.55	<b>7.76</b>	140			
	FEV1 (L)	4.25	<b>5.07</b>	119			
	MVV (L)	148.8	<b>196.2</b>	132			
Resting Data	HR (bpm)	<b>60</b>	SpO2 (%)	---	SPB (mmHg)	<b>122</b>	DPB (mmHg) <b>93</b>
Exercise Duration:	<b>6.83</b> Min						
Perceived Exertion (Borg):	<b>5 - Hard</b>						

*Minute Average Exercise Tabular Data*

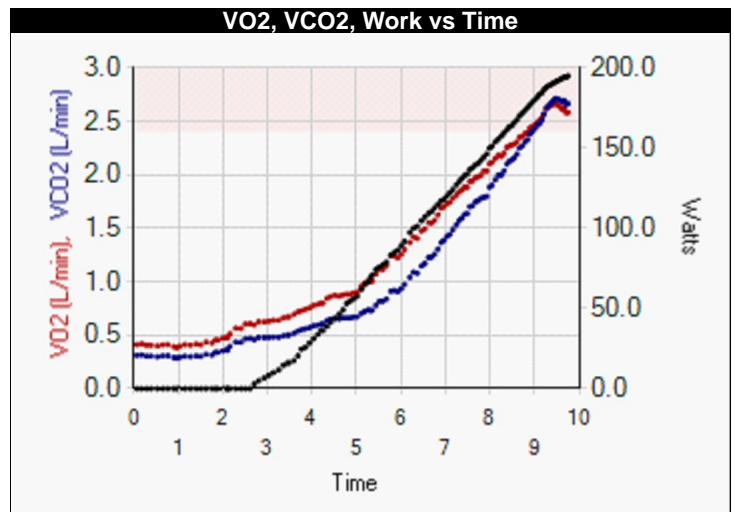
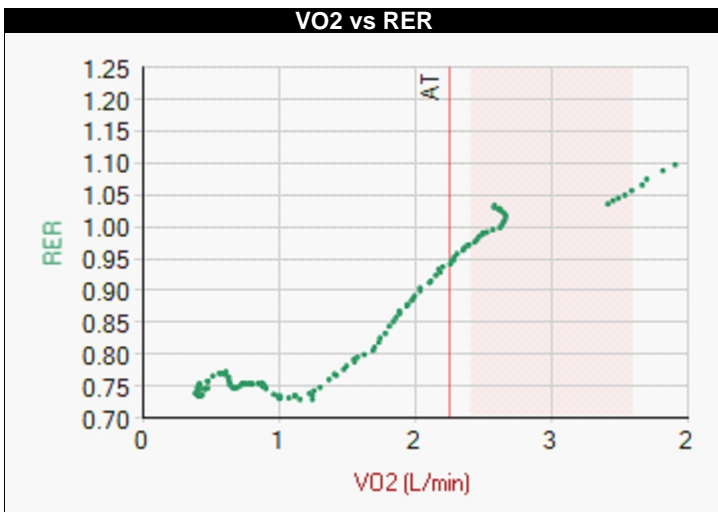
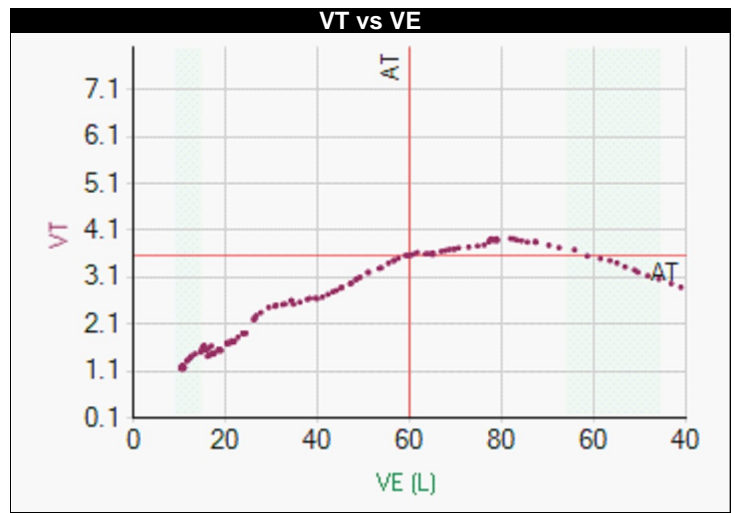
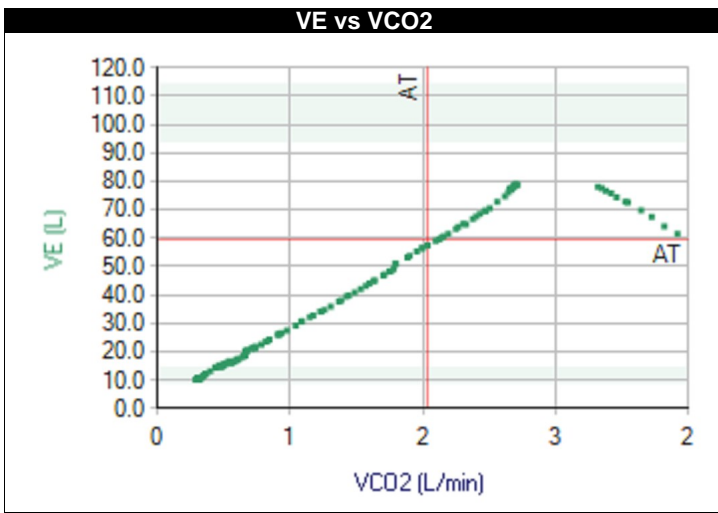
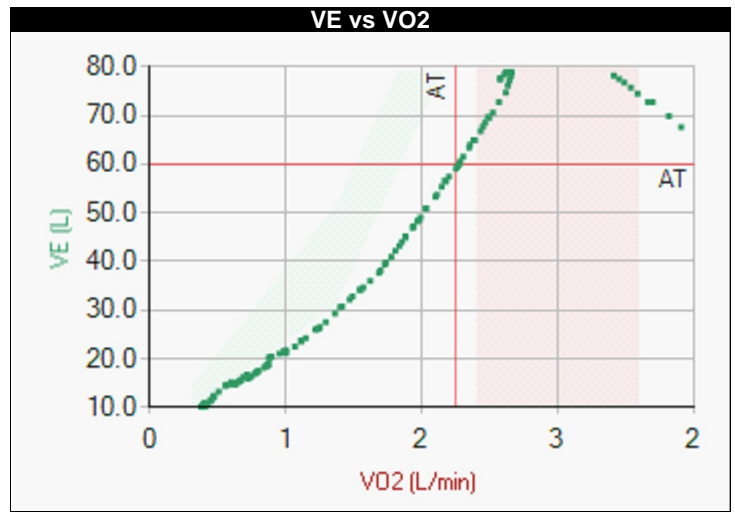
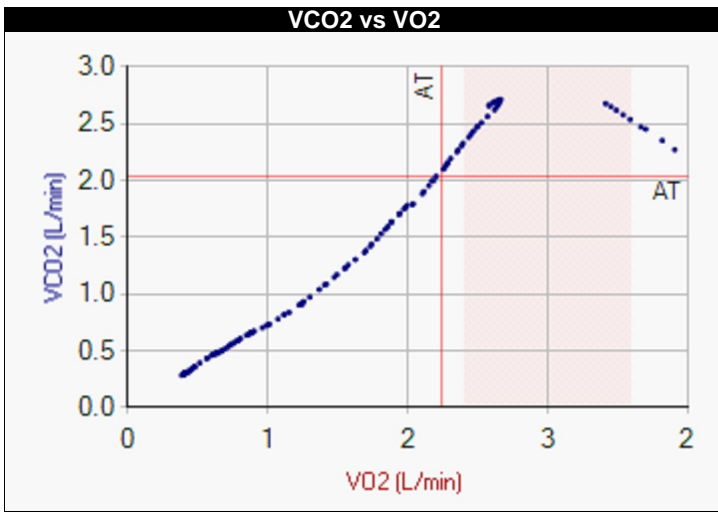
Time	Work	BP	HR	fb	VE		VO2		HR	R	pH	HCO3	PO2 - mmHg			PCO2 - mmHg			VE	VE
					L/min	STPD	L/min	STPD					ml/bt	ET	a	(A-a)	ET	a		
1:01	---	---	---	59	9	10.1	0.30	0.40	6.7	0.75	---	---	104	---	---	37	---	34	25	
2:05	---	122	93	60	9	10.7	0.30	0.41	7.4	0.74	---	---	104	---	---	37	---	33	24	
3:08	---	---	---	64	10	15.2	0.47	0.61	9.5	0.77	---	---	105	---	---	37	---	33	25	
4:12	19	127	86	65	10	16.4	0.53	0.70	10.8	0.75	---	---	103	---	---	38	---	31	24	
5:16	49	---	---	68	13	18.8	0.66	0.88	12.1	0.75	---	---	102	---	---	39	---	31	23	
6:17	82	127	75	73	12	25.6	0.89	1.21	16.5	0.73	---	---	98	---	---	41	---	29	21	
7:18	113	---	---	84	14	34.7	1.26	1.57	18.8	0.80	---	---	101	---	---	42	---	28	22	
8:19	142	150	78	93	16	49.1	1.78	1.99	21.4	0.89	---	---	104	---	---	42	---	28	25	
9:19	174	---	---	102	18	65.0	2.30	2.39	23.3	0.97	---	---	109	---	---	42	---	28	27	
10:21	196	176	90	110	20	77.4	2.65	2.56	23.2	1.04	---	---	113	---	---	40	---	29	31	
11:24	---	---	---	85	15	47.1	1.54	1.30	15.0	1.20	---	---	118	---	---	38	---	31	37	
12:25	---	156	80	74	12	25.9	0.78	0.67	9.6	1.16	---	---	118	---	---	37	---	32	37	

*Technician Comments:*

Technician notes are entered here.....

*Computer Impression*

Moderate obesity may contribute to decreased exercise capacity. Aerobic capacity is normal. Anaerobic (ventilatory) threshold suggests normal cardiovascular conditioning. The 41 bpm reduction in heart rate at 2 minutes post-exercise indicates normal heart rate recovery. Normal breathing reserve indicates chest bellows capacity is not limiting. No significant oxygen desaturation is noted during exercise.



HR, O2 Pulse vs Time

