

Hypothesis: Will vital signs, heartrate and respirations, elevate with bodily work and then return to a contemporary base value within a certain time-frame?

Questions: a. Is two minutes after strenuous bodily work sufficient for the bodies regularoty systems to return to the previous values?
 b. Are there any anomolous diffences within the sample measurements?
 c. Is this a good representation of other test subjects? Why, why not?

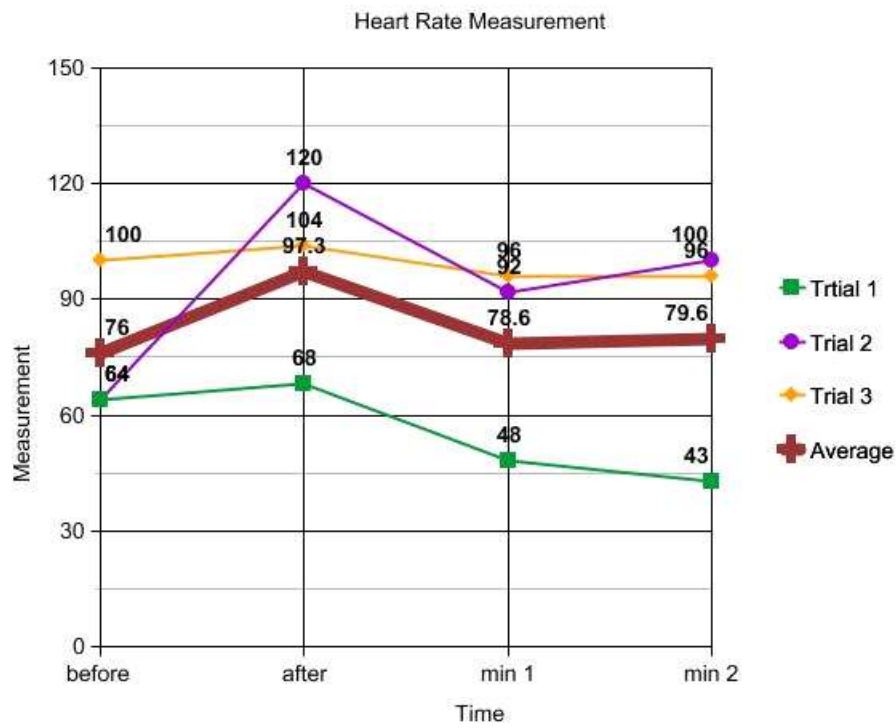
Method: note: measurements taken at applicable points:
 1. Obtain baseline values from probande.
 2. Probande will rigorously exert one's-self. for 120 sec.
 3. A perdioid of rest ensues with three measurements taken at 1, 2, and 4min. after bodily work.
 4. Repeat steps 2 through 3 for a total of three times.
 5. Analyse, chart, and summarize data.
 6. Compare and evaluate results to hypothesis.

Table of results:

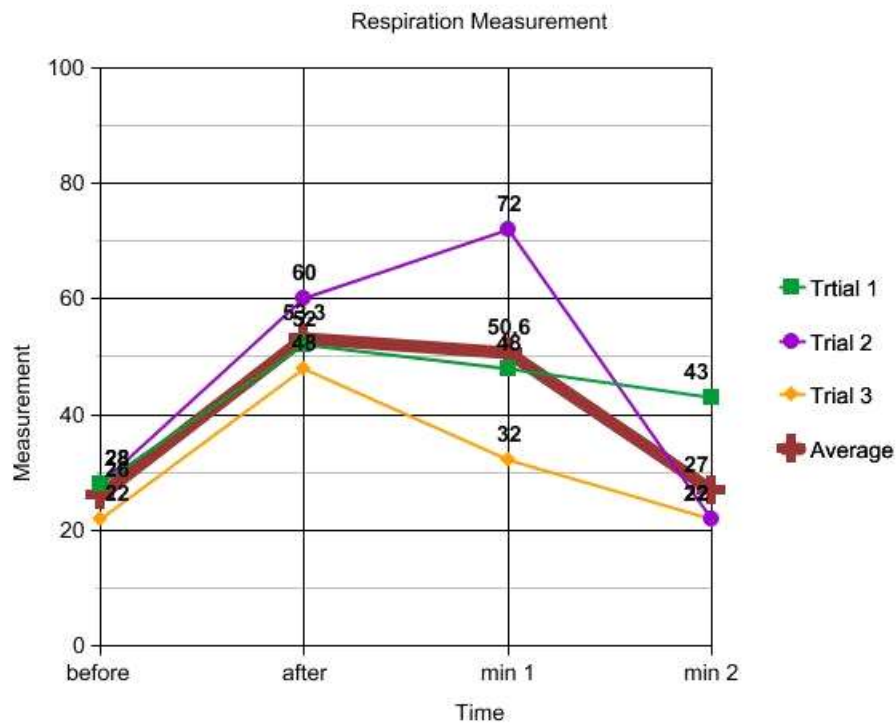
Meaaured Results					
		base	after	1 min.	2 min.
Pulse Trial	1	64	68	48	43
	2	64	120	92	100
	3	100	104	96	96
	average	76	97.3	78.6	79.6
Respirations	1	28	52	48	37
	2	28	60	72	22
	3	22	48	32	22
	average	26	53.3	50.6	27

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Graph of Results:



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Discussion/Conclusion: Graphing the data does indeed indicate that the body responds to the work and does indeed increase and lower the vital signs according to known physiological processes within the proposed time frame. Both heart rate and respiration curves are very similar. Data error and or error in measurement may have occurred, however the statistical average is clear.