

Autonomic Assessment Report

Personal information:

First Name: John
Last Name: Doe
Gender: Male
Date of Birth: 04/18/1960

Test information:

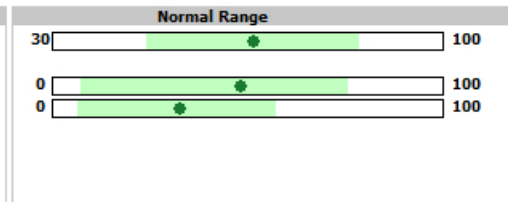
Date: 02/26/2013
Time: 10:13
Trial: 1

Test data statistic and quality check:

Total number of heartbeats: 327
Number of normal heartbeats: 324
Number of ectopic heartbeats: 3
% of ectopic heartbeats: 0.9
Quality check index: Acceptable but some editing might be required

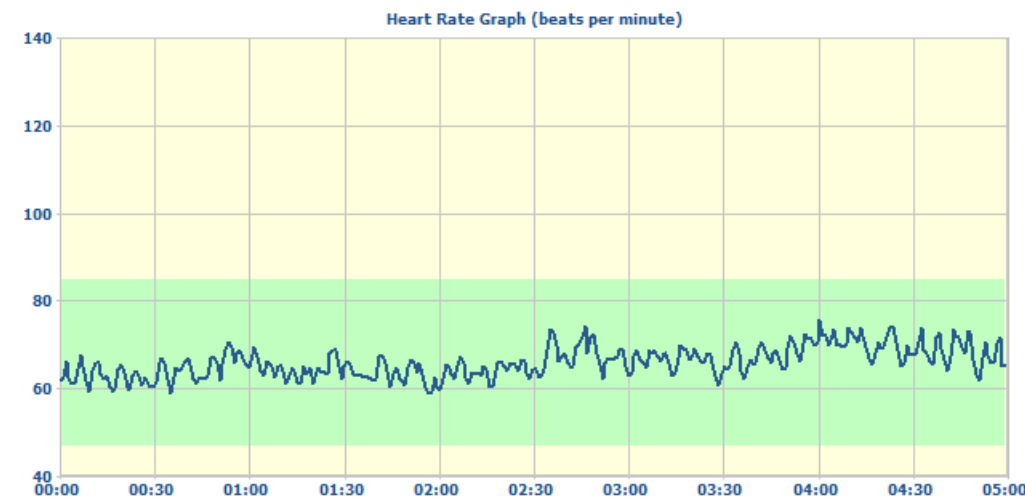
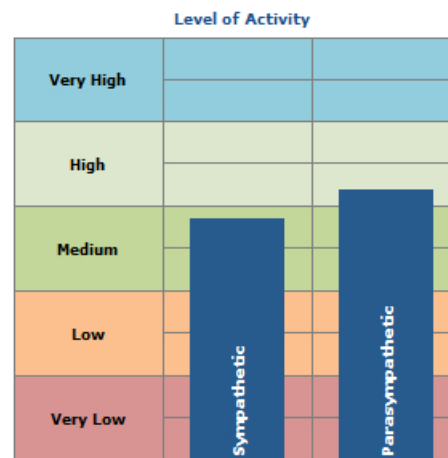
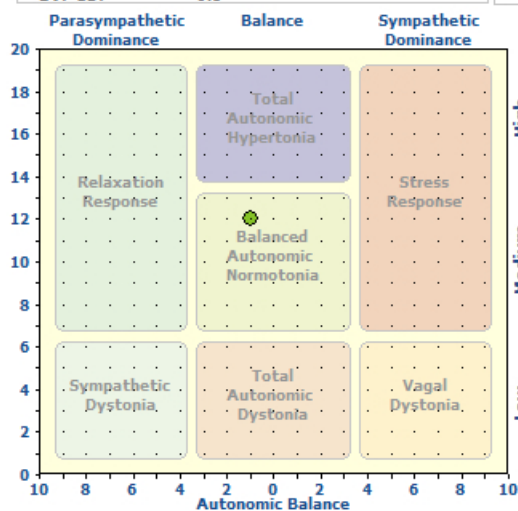
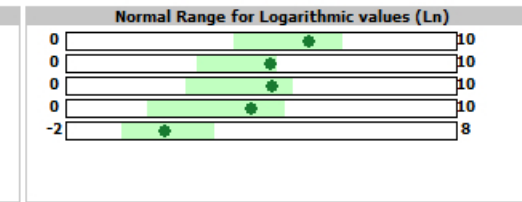
Time Domain Analysis

	Value	Units	Norms
Mean HR:	65.9	bpm	[46.9 - 84.8]
Mean RR:	910.4	ms	
SDNN:	48.0	ms	[7.5 - 75.4]
RMS-SD:	32.6	ms	[6.6 - 57.0]
pNN50:	11.9	%	
TI:	102.0	a.u.	
Mean BVP:	99.0		
BVP SD:	9.8		



Frequency Domain Analysis

	Value	Units	Ln	Norms
TP:	491.2	ms ² /Hz	6.2	[4.3 - 7.1]
VLF:	184.1	ms ² /Hz	5.2	[3.4 - 5.4]
LF:	194.3	ms ² /Hz	5.3	[3.1 - 5.8]
HF:	112.8	ms ² /Hz	4.7	[2.1 - 5.6]
LF/HF:	1.7	a.u.	0.5	[-0.6 - 1.8]
LFnorm:	63.3	%		
HFnorm:	36.7	%		



Test Summary:

Prevailing rhythm: Normocardia – resting heart rate is within normal range.

Heart rhythm disturbances: Non-persistent series of ectopic heartbeats or other disturbances due to possible significant body movements. Quality of assessment maybe questionable.

Autonomic function condition: Balanced autonomic normtonia. The autonomic nervous system is in good balance (-1 points). The autonomic tonus is medium (12 points out of 20). The level of functional activity of sympathetic nervous system is normal (11 points out of 20). The level of functional activity of parasympathetic nervous system is higher than normal (12 points out of 20). This is a sign of optimum performance of the autonomic regulatory function.

Recommendations: If similar results appear 3 or more times in a row, it is a sign of good health. Maintaining a healthy lifestyle may help to keep the autonomic function at an optimal level.

