

# Baroreflex Sensitivity Test Report

## Personal information:

**First Name:** James  
**Last Name:** Owen  
**Gender:** Male  
**Date of Birth:** 04/18/1960

## Test information:

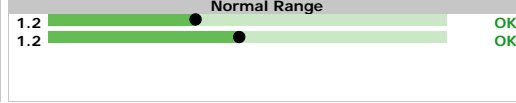
**Date:** 02/11/2009  
**Time:** 16:54  
**Trial:** 1

## Test data statistic and quality check:

**Total number of heartbeats:** 71  
**Number of normal heartbeats:** 70  
**Number of ectopic heartbeats:** 1  
**% of ectopic heartbeats:** 1.4  
**Quality check index:** Acceptable but some editing might be required

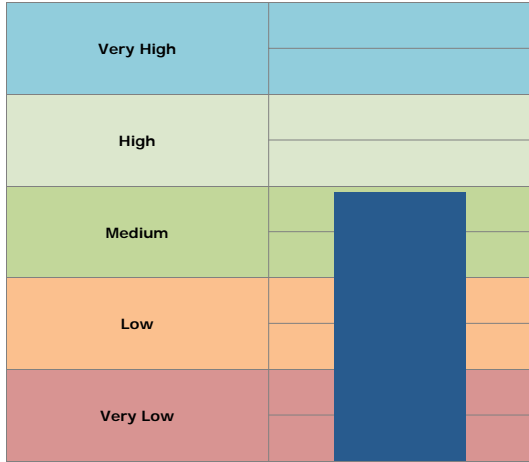
## Heart Rate Variability Analysis

	Value	Units
E/I Ratio mean:	1.479	n.u.
E/I Ratio max:	1.607	n.u.
Frequency:	0.1	Hz

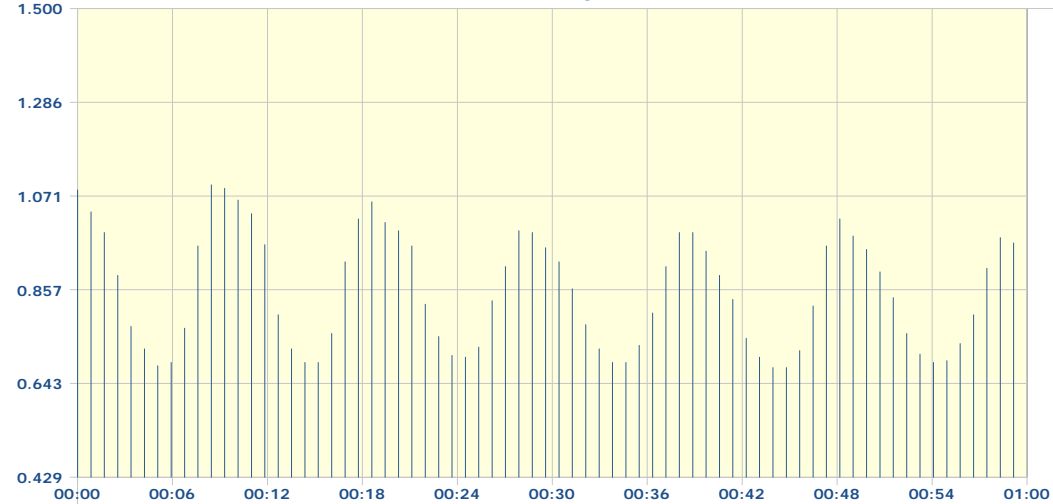


	HR	Units	RR	Units
Standard Deviation:	10.9	bpm	130.6	ms
Max Variation:	33.2	bpm	414.0	ms
Mean Variation:	28.2	bpm	332.0	ms
Minimum:	54.7	bpm	679.0	ms
Maximum:	88.4	bpm	1097.0	ms

## Baroreflex Sensitivity



## R-R Interval Tachogram (sec)



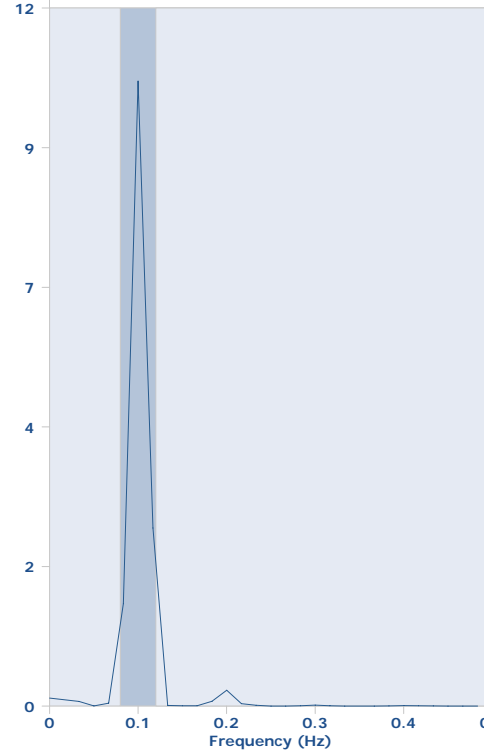
## Test Summary:

**Heart rhythm disturbances:** Occasional ectopic heartbeats or other minor disturbances due to possible body movements. No significant effect on quality of assessment.

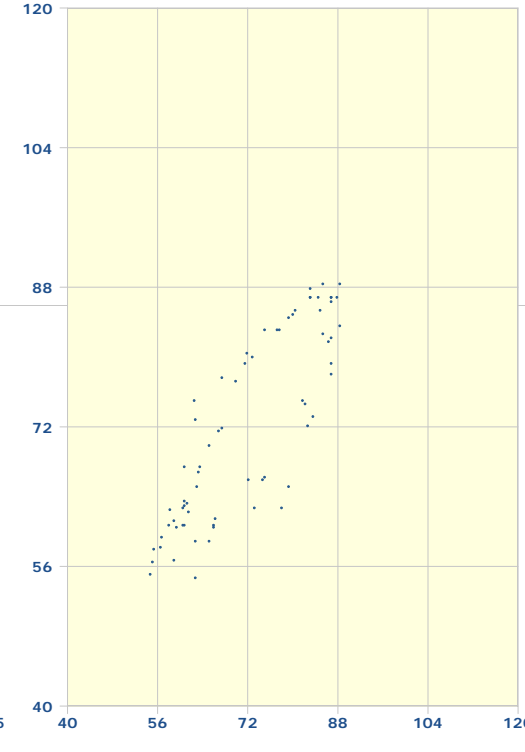
**Baroreflex function condition:** Satisfactory Baroreflex Function. Baroreflex sensitivity (ability for adaptive regulation of body's blood supply due to dynamic changes in blood pressure) is AVERAGE (11 points out of 20). This may be a sign of natural aging process in blood vessels or regulatory function of the autonomic nervous system.

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

## Power Spectrum (ms<sup>2</sup>/Hz)



## Scatter - Heart Rate (beat per minute)



# Baroreflex Sensitivity Test Report

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**Gender:** Male  
**Date of Birth:** 04/18/1960

## Test information:

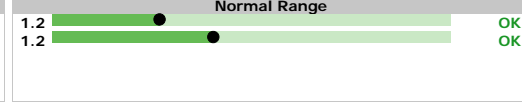
**Date:** 02/11/2009  
**Time:** 16:56  
**Trial:** 2

## Test data statistic and quality check:

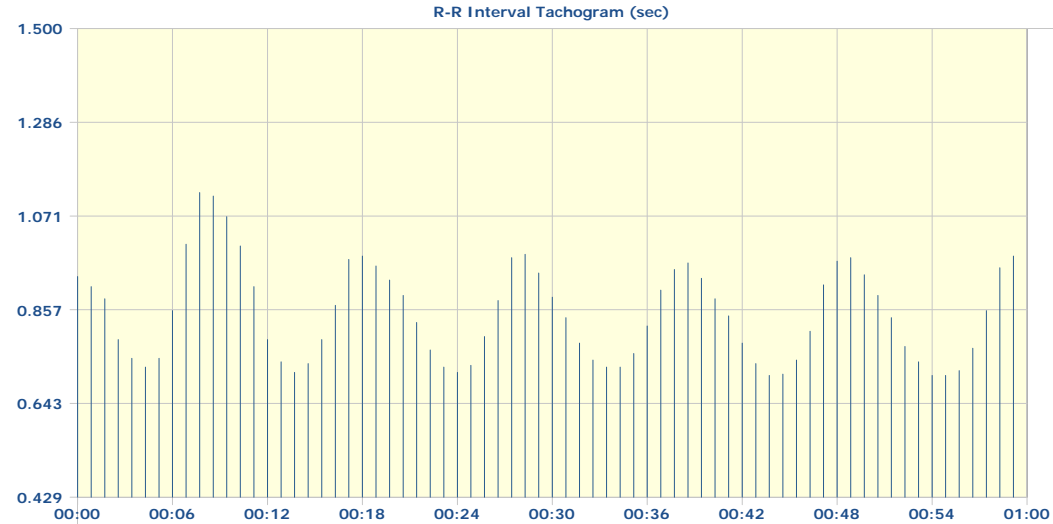
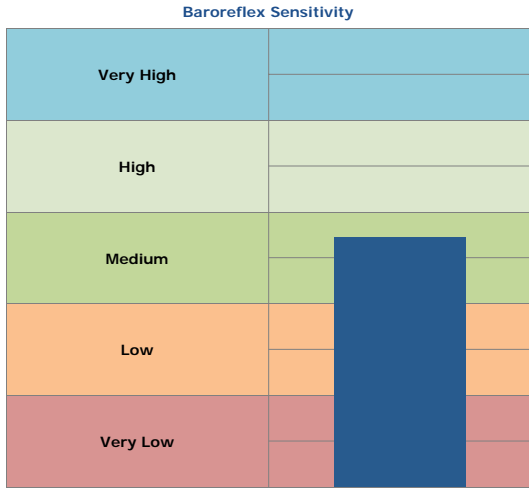
**Total number of heartbeats:** 70  
**Number of normal heartbeats:** 70  
**Number of ectopic heartbeats:** 0  
**% of ectopic heartbeats:** 0.0  
**Quality check index:** Acceptable but some editing might be required

## Heart Rate Variability Analysis

	Value	Units
E/I Ratio mean:	1.396	n.u.
E/I Ratio max:	1.550	n.u.
Frequency:	0.1	Hz



	HR	Units	RR	Units
Standard Deviation:	8.9	bpm	109.0	ms
Max Variation:	29.3	bpm	399.0	ms
Mean Variation:	23.8	bpm	285.8	ms
Minimum:	53.3	bpm	707.0	ms
Maximum:	84.9	bpm	1125.0	ms

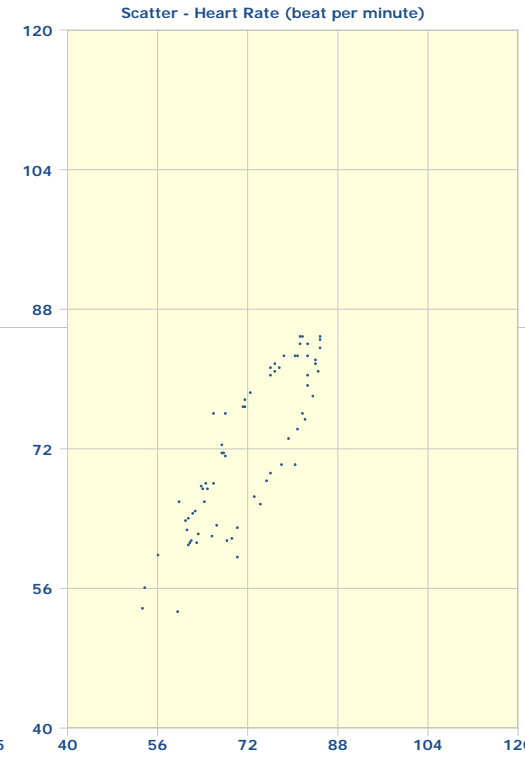
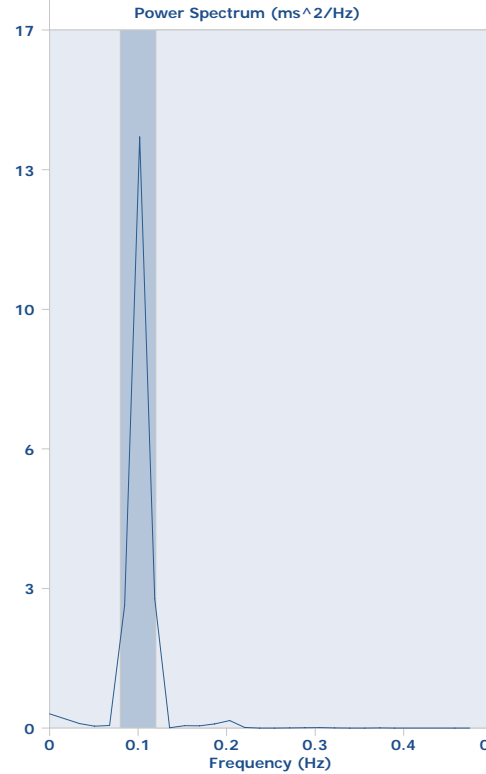


## Test Summary:

**Heart rhythm disturbances:** No heart rhythm disturbances detected.

**Baroreflex function condition:** Satisfactory Baroreflex Function. Baroreflex sensitivity (ability for adaptive regulation of body's blood supply due to dynamic changes in blood pressure) is AVERAGE (10 points out of 20). This may be a sign of natural aging process in blood vessels or regulatory function of the autonomic nervous system.

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



# Baroreflex Sensitivity Test Report

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**Gender:** Male  
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## Test information:

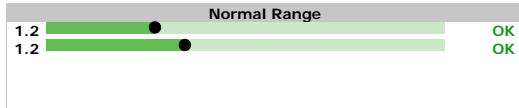
**Date:** 02/11/2009  
**Time:** 16:59  
**Trial:** 3

## Test data statistic and quality check:

**Total number of heartbeats:** 73  
**Number of normal heartbeats:** 72  
**Number of ectopic heartbeats:** 1  
**% of ectopic heartbeats:** 1.4  
**Quality check index:** Acceptable but some editing might be required

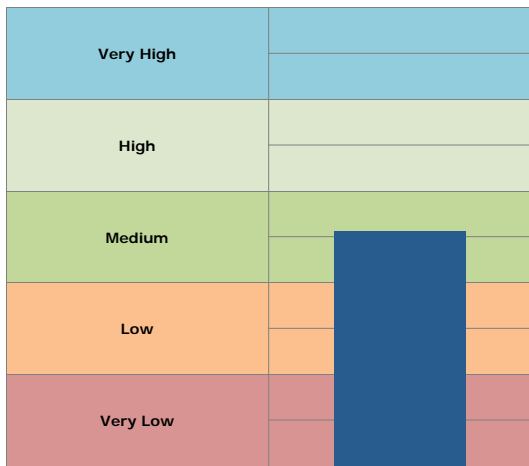
## Heart Rate Variability Analysis

	Value	Units
E/I Ratio mean:	1.399	n.u.
E/I Ratio max:	1.508	n.u.
Frequency:	0.1	Hz



	HR	Units	RR	Units
Standard Deviation:	9.8	bpm	109.5	ms
Max Variation:	28.4	bpm	360.0	ms
Mean Variation:	24.7	bpm	279.0	ms
Minimum:	56.1	bpm	679.0	ms
Maximum:	88.4	bpm	1070.0	ms

## Baroreflex Sensitivity



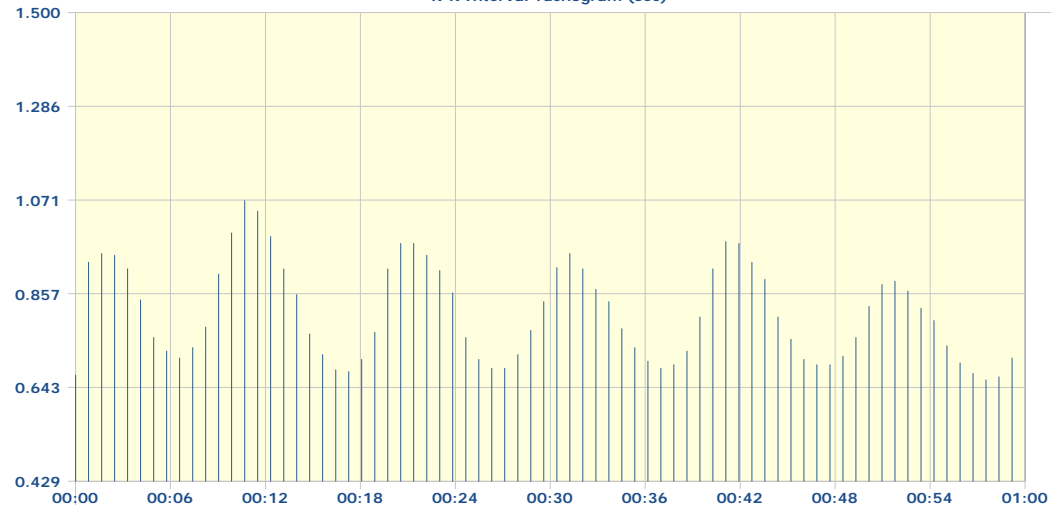
## Test Summary:

**Heart rhythm disturbances:** Occasional ectopic heartbeats or other minor disturbances due to possible body movements. No significant effect on quality of assessment.

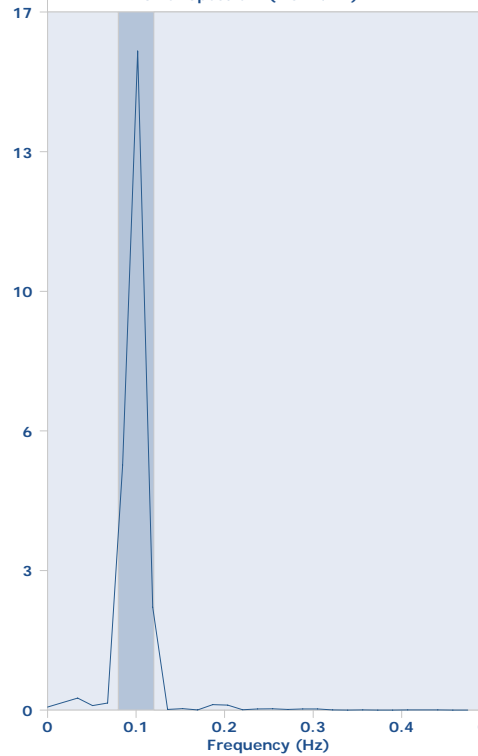
**Baroreflex function condition:** Satisfactory Baroreflex Function. Baroreflex sensitivity (ability for adaptive regulation of body's blood supply due to dynamic changes in blood pressure) is AVERAGE (10 points out of 20). This may be a sign of natural aging process in blood vessels or regulatory function of the autonomic nervous system.

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

## R-R Interval Tachogram (sec)



## Power Spectrum (ms<sup>2</sup>/Hz)



## Scatter - Heart Rate (beat per minute)

