

FibriCheck Report

From 2017-06-01 till 2017-06-07

Content

- Results and call to action
- Educational information
- Statistics and insights

Contact information

Information with respect to data privacy: dpo@fibrichck.com

Complaints or suggestions: support@fibrichck.com

FibriCheck Report

Generated on 2022-06-10

Report start 2017-06-01

Report end 2017-06-07

Your information

Name
Parox_AF_ectop FC187
Gender
Male
Date of birth
1977-01-01

Monitoring period
From 2017-06-01 till 2017-06-07
Email
fc187@fibrichck.com
Phone number
1234567890

Smartphone type
Apple iPhone6,1
Group
AP19 - MM

ACTION REQUIRED: Consult your general practitioner for further examination

If you have not been diagnosed with the heart rhythm disorders described below it is strongly recommended to promptly consult a medical professional for further examination. Even if you only have 1 abnormal measurement.

Your analysis result

ATRIAL FIBRILLATION

Your heart rhythm is irregular, which is a strong indication for atrial fibrillation, an uncoordinated contraction of the upper pumping chambers of the heart. It is associated with a higher than normal risk of stroke. If you have not been diagnosed with this before, we strongly advise you to consult a medical professional.

REGULAR RHYTHM

Your heart rate and heart rhythm are within the boundaries of normal values. There are no significant deviations found.

Sharing information with your physician

Your patient participated in a project where the heart rhythm was monitored using the FibriCheck smartphone or smartwatch application. FibriCheck is a CE (smartphone & smartwatch) and FDA (smartphone) cleared medical device. The findings made in this report are indicated above and the details of the heart rhythm measurements are enclosed below. If you have questions with respect to these heart rhythms you can reach out to FibriCheck through support@fibrichck.com.

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Your analysis

Heart rate and heart rhythm insights

Highest registered heart rate

85 bpm

Lowest registered heart rate

53 bpm

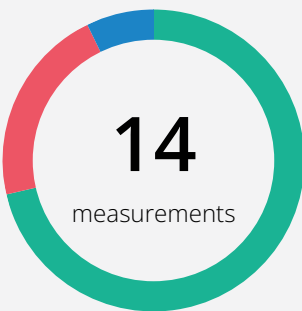
Average heart rate

63 bpm

Number of measurements

14

Type of measurements



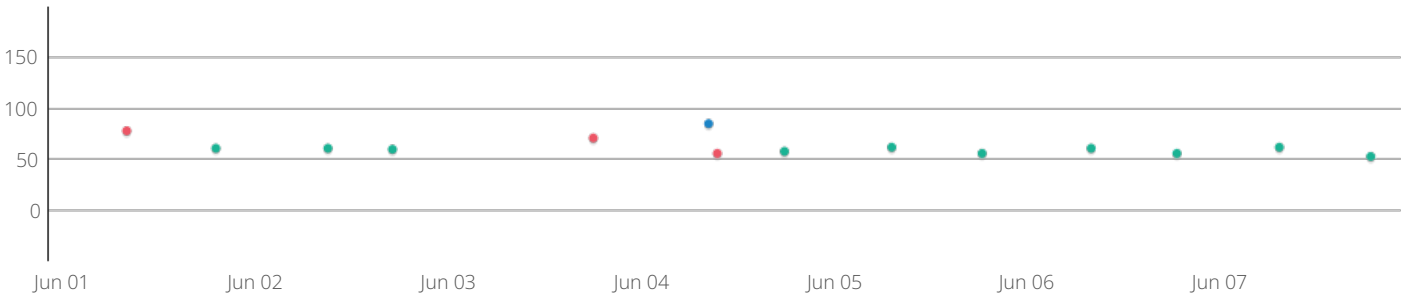
- Normal 71,4%
- Warning -
- Urgent 21,4%
- Quality 7,1%
- Pending review -

Overview of recorded symptoms

No Symptoms	60%
Palpitations	0%
Lightheaded	20%
Fatigue	20%
Chest Pains	0%
Short Breath	0%
Confused	0%
Other	0%

Heart rate and heart rhythm

Heart rate (bpm)



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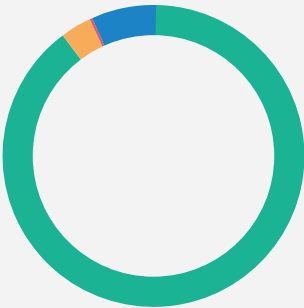
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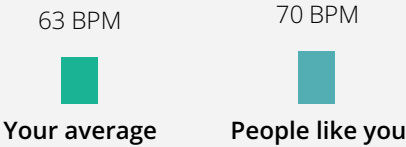
Report start 2017-06-01
Report end 2017-06-07

Average results among users of your age and gender



- Normal
89,8%
- Warning
3,2%
- Urgent
0,1%
- Quality
6,9%

Average heart rate



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Education and information

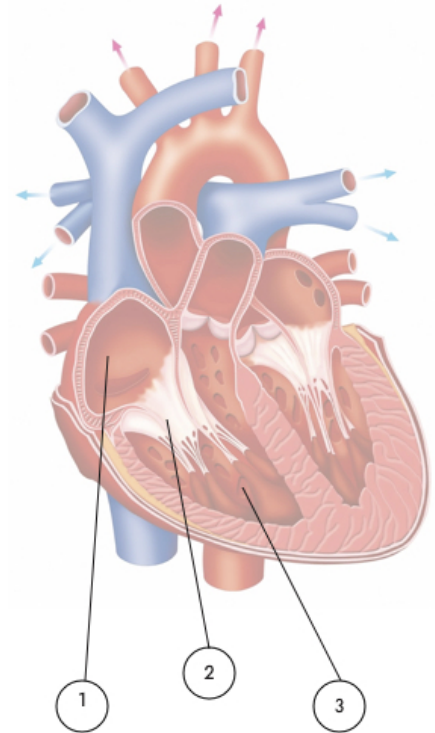
More information about the heart and heart rhythm disorders

The Heart

Your heart is a pump which pumps blood through your body. This is needed to deliver oxygen and nutrients to your organs and tissues. Normally, the circulation of blood through your body is a regular and continuous process.

Atrial fibrillation

- During atrial fibrillation the upper chambers of the heart beat chaotically and irregularly
- Atrial fibrillation symptoms often include heart palpitations, dizziness, shortness of breath and weakness. Important! Some people have no symptoms!
- Atrial fibrillation episodes can come and go, or you may develop atrial fibrillation that doesn't go away and may require treatment.
- Atrial fibrillation itself usually isn't life-threatening. However, it is a serious medical condition that may lead to complications such as the formation of blood clots that may circulate to other organs and lead to blocked blood flow (ischemia).
- Treatment of atrial fibrillation becomes very relevant in subjects above 65 years old.
- Atrial fibrillation can be treated with medications and other interventions to alter the heart's electrical system.
- If you are not yet known with Atrial fibrillation, consult with your physician for more information.



- 1: Upper chambers
2: Heart valves
3: Lower chambers

In case you would like to learn more visit our website <https://education.fibrichck.com>

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Your cardiovascular risk profile

Based on information you indicated in the questionnaire in the FibriCheck app during your participation. These scores are changing over time. This information is relevant in case your physician reviews your data.

Your medical history

Age:	45 years
Gender:	Male
Diabetes:	-
Heart failure:	-
Vascular disease:	-
Hypertension:	-
Stroke:	-
Blood thinner:	-

Other relevant information

Do you have a pacemaker:	-
Are you known with arrhythmias:	-
Are you known with AFib:	-
Do you have sufficient knowledge of AFib and its consequences:	-

Risk profile

Your current risk to develop AFib is*:	0,8%
If AFib would not be treated your annual risk for a stroke would be**:	-

Sources

*Lip GYH. Stroke in atrial fibrillation: epidemiology and thromboprophylaxis. J Thromb Haemost 2011; 9 (Suppl. 1):344-351

**Heeringa J. et al. Prevalence, incidence and lifetime risk of atrial fibrillation: the Rotterdam study. European Heart Journal (2006) 2

How well did you use FibriCheck?

FibriCheck recommends you to perform at least two measurements per day and additionally when symptoms occur. We use these numbers to compute 2 statistics of your participation during the FibriCheck period. Both are represented in a percentage with a goal to reach 100% or more.



■ Amount of measurements: 100% (14/14)

The amount of measurements defines how many measurements you actually conducted versus what was expected.

You did a great job! You performed more measurements than recommended! This results in a detailed understanding of your heart rhythm data.

■ Motivation: 85,7%

Motivation is calculated based on how many days you actually measured 2 times or more.

Great! You were very consistent in performing your daily measurements! Did you know that being consistent increases the chance to detect heart rhythm disorders that can come and go?

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An overview of your FibriCheck recordings

The following calendar indicates the amount of measurements you have conducted on the corresponding day. Each dot is a measurement where the color represents the heart rhythm interpretation.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
May 2017	29	30	31	1 78 61	2 60 61	3 71	4 56 58 85
Jun 2017	5 56 62	6 56 61	7 53 62	8	9	10	11

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Detailed results of your measurements

In case you want to share results with your physician please include these recordings.

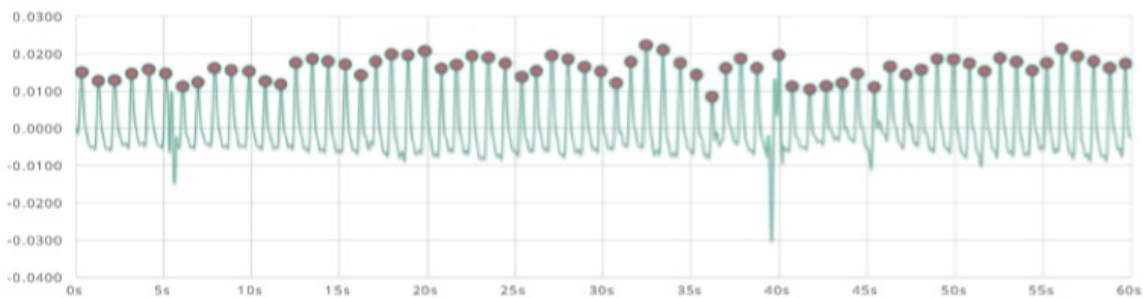
How to read these graphs ?

This illustrative example represents a normal regular rhythm

This graph represents the 60 second measurement recorded with your smartphone. Each wave with a red dot represents a heart-beat

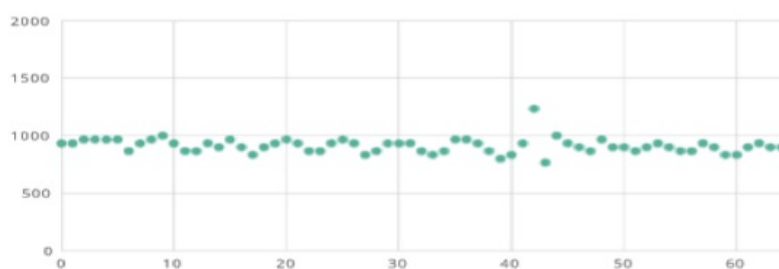
PPG signal:

The 60sec heart rhythm trace



Individual heart rates (milliseconds)

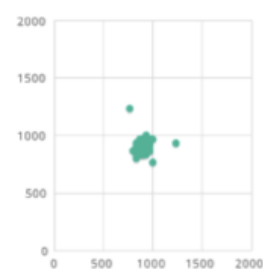
Time-difference between each heartbeat in milliseconds (Tachogram)



The difference in time between each heartbeat is plotted for all heartbeats. This shows possible variations in your heart rhythm.

Rhythm fingerprint

Comparing previous vs next heartbeat



This graph compares each heartbeat with the previous. This is the rhythm fingerprint. It provides information to your doctor to understand which heart rhythm is recorded.

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Report start 2017-06-01

Report end 2017-06-07

FibriCheck measurement performed on:

2017-06-04 11:04

Measurement received on:

2017-06-04 11:05

Measurement reviewed on:

2017-06-20 09:31

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm contains significant irregularities, which might indicate **atrial fibrillation**. You reported **LIGHTHEADED**.

Heart rate results

Your heart rate is slightly slower than normal (signs of bradycardia), it averages at **56** beats per minute.

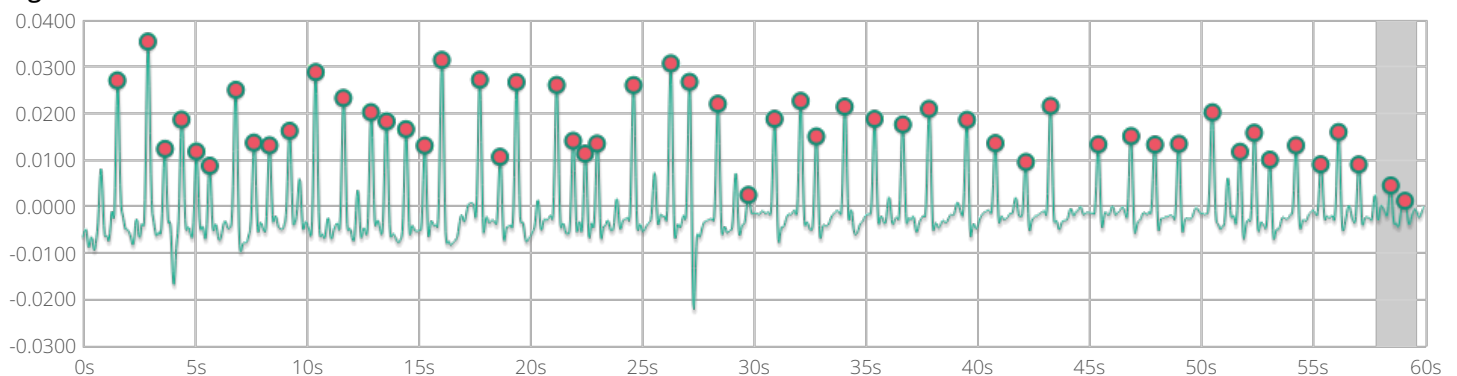
Suggestion

A serious arrhythmia such as atrial fibrillation can pose a significant risk and can increase the likelihood of stroke, among other health problems. Repeat the measurement to confirm the findings and strictly follow the measuring instructions. If you are not under medical monitoring, please consult a physician as soon as possible!

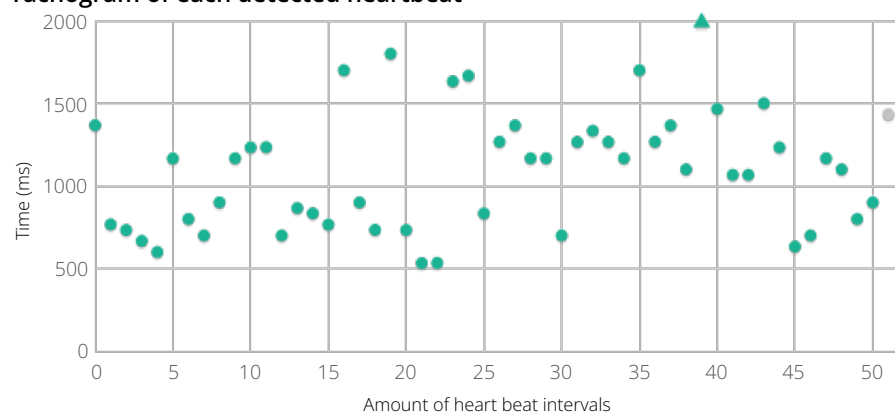
* This section is for your physician

PPG ■ Insufficient signal quality ● Heartbeat

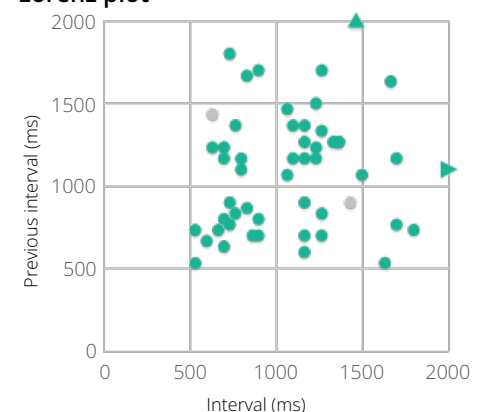
signal:



Tachogram of each detected heartbeat



Lorenz plot



Algorithm version: v1.0.2

FibriCheck Report

Generated on 2022-06-10

Report start 2017-06-01

Report end 2017-06-07

FibriCheck measurement performed on:

2017-06-03 19:39

Measurement received on:

2017-06-03 19:40

Measurement reviewed on:

2017-06-20 09:31

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm contains significant irregularities, which might indicate **atrial fibrillation**. You did not report any symptoms.

Heart rate results

Your heart rate is normal, it averages at **71** beats per minute.

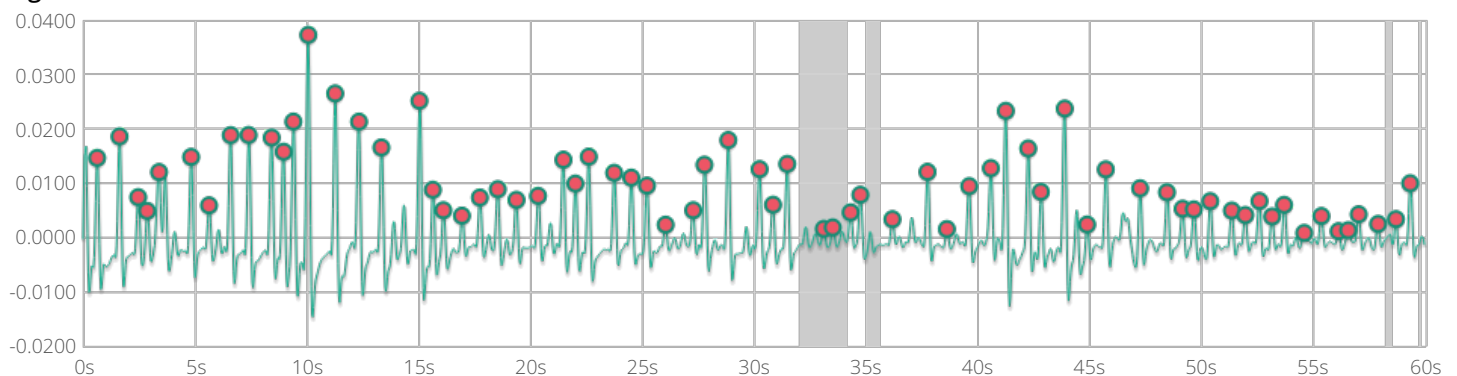
Suggestion

A serious arrhythmia such as atrial fibrillation can pose a significant risk and can increase the likelihood of stroke, among other health problems. Repeat the measurement to confirm the findings and strictly follow the measuring instructions. If you are not under medical monitoring, please consult a physician as soon as possible!

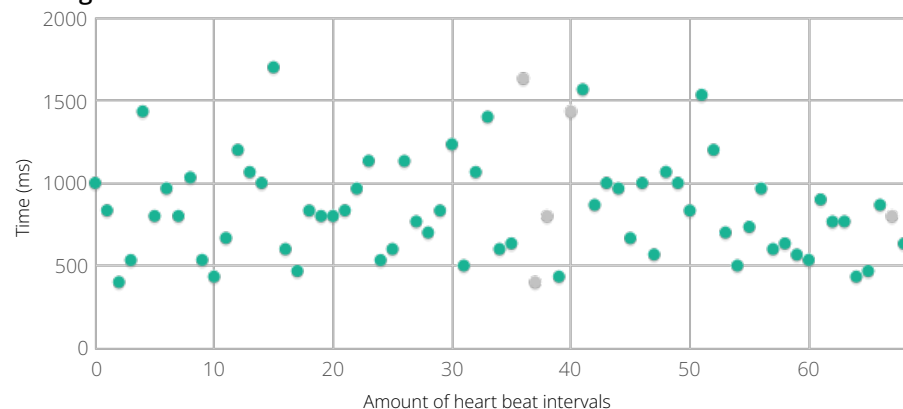
* This section is for your physician

PPG ■ Insufficient signal quality ● Heartbeat

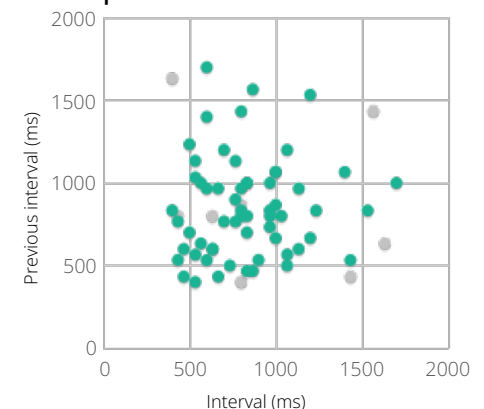
signal:



Tachogram of each detected heartbeat



Lorenz plot



Algorithm version: v1.0.2

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Report end 2017-06-07

FibriCheck measurement performed on:

2017-06-01 09:41

Measurement received on:

2017-06-01 09:42

Measurement reviewed on:

2017-07-11 17:44

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm contains significant irregularities, which might indicate **atrial fibrillation**. You reported **LIGHTHEADED** and **FATIGUE**.

Heart rate results

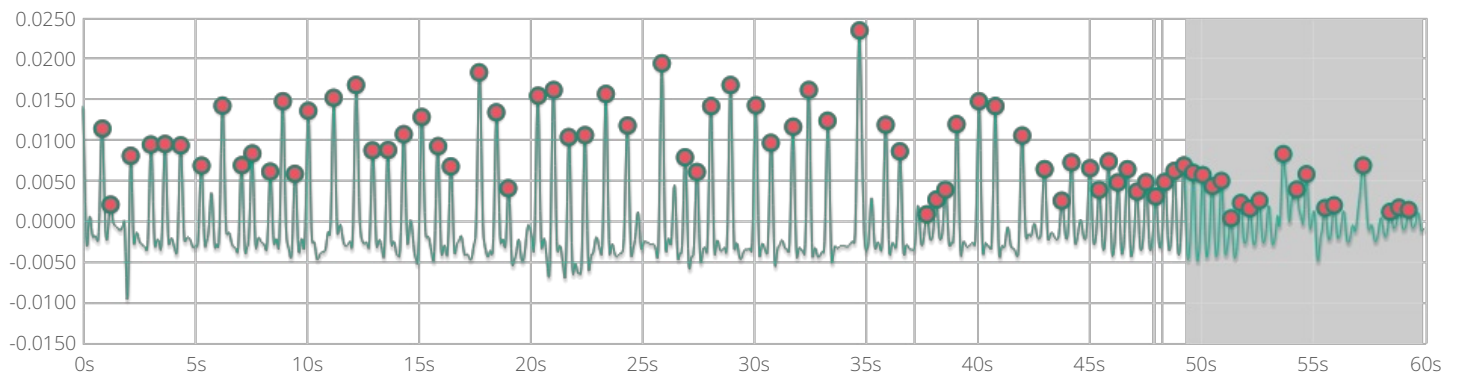
Your heart rate is normal, it averages at **78** beats per minute.

Suggestion

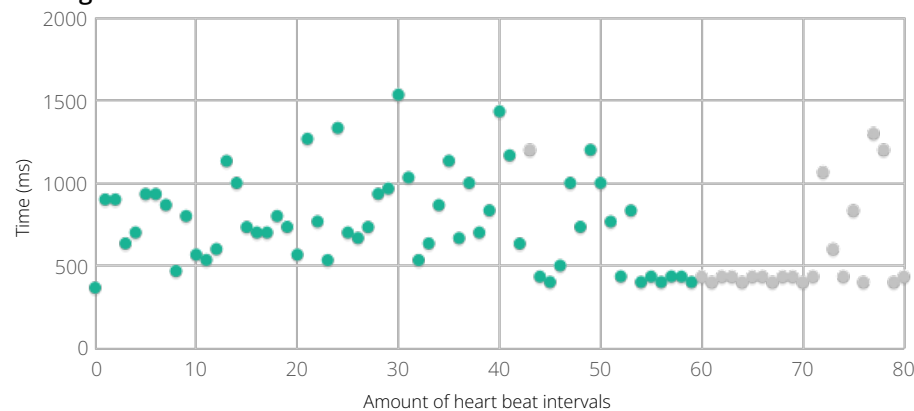
A serious arrhythmia such as atrial fibrillation can pose a significant risk and can increase the likelihood of stroke, among other health problems. Repeat the measurement to confirm the findings and strictly follow the measuring instructions. If you are not under medical monitoring, please consult a physician as soon as possible!

* This section is for your physician

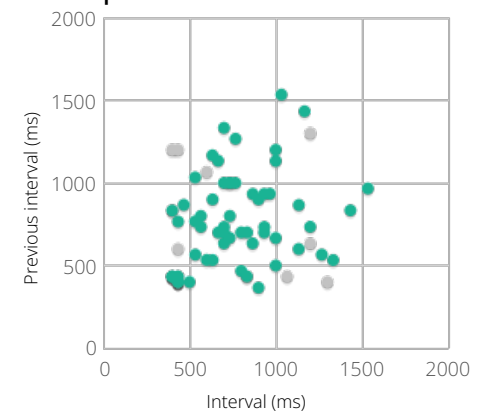
PPG
signal: ■ Insufficient signal quality ● Heartbeat



Tachogram of each detected heartbeat



Lorenz plot



Algorithm version: v1.0.2

FibriCheck Report

Generated on 2022-06-10

Report start 2017-06-01

Report end 2017-06-07

FibriCheck measurement performed on:

2017-06-07 20:16

Measurement received on:

2017-06-07 20:17

Measurement reviewed on:

2017-06-20 09:32

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm is **regular**. You did not report any symptoms.

Heart rate results

Your heart rate is slightly slower than normal (signs of bradycardia), it averages at **53** beats per minute.

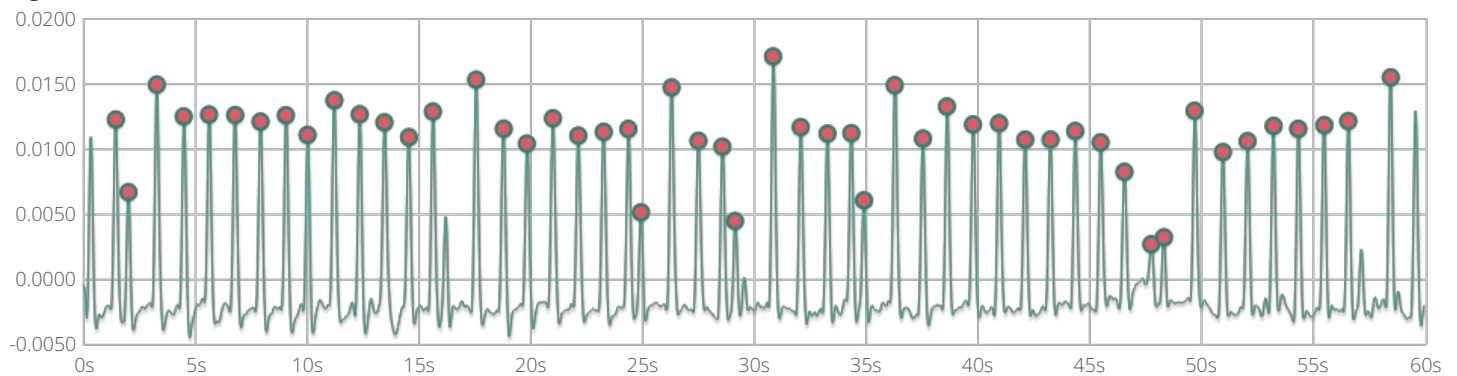
Suggestion

A slightly slowed heart rate can be the result of regular exercise or heart rate medication, and may not be harmful. Repeat the measurement at regular time intervals.

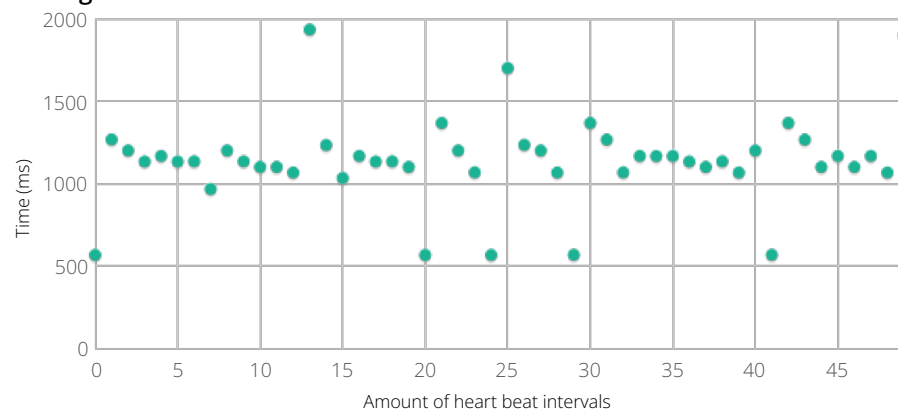
* This section is for your physician

PPG ● Heartbeat

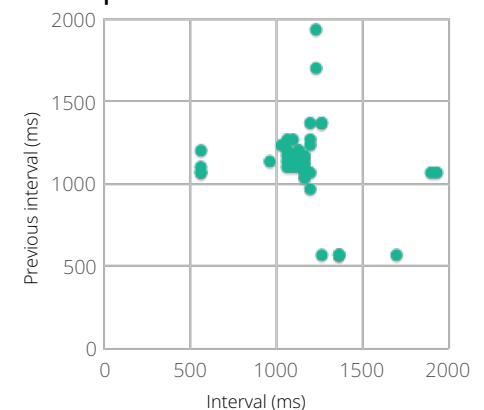
signal:



Tachogram of each detected heartbeat



Lorenz plot



Algorithm version: v1.0.2

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Report start 2017-06-01

Report end 2017-06-07

FibriCheck measurement performed on:

2017-06-07 08:55

Measurement received on:

2017-06-07 08:56

Measurement reviewed on:

2017-06-07 14:02

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm is **regular**. You did not report any symptoms.

Heart rate results

Your heart rate is normal, it averages at **62** beats per minute.

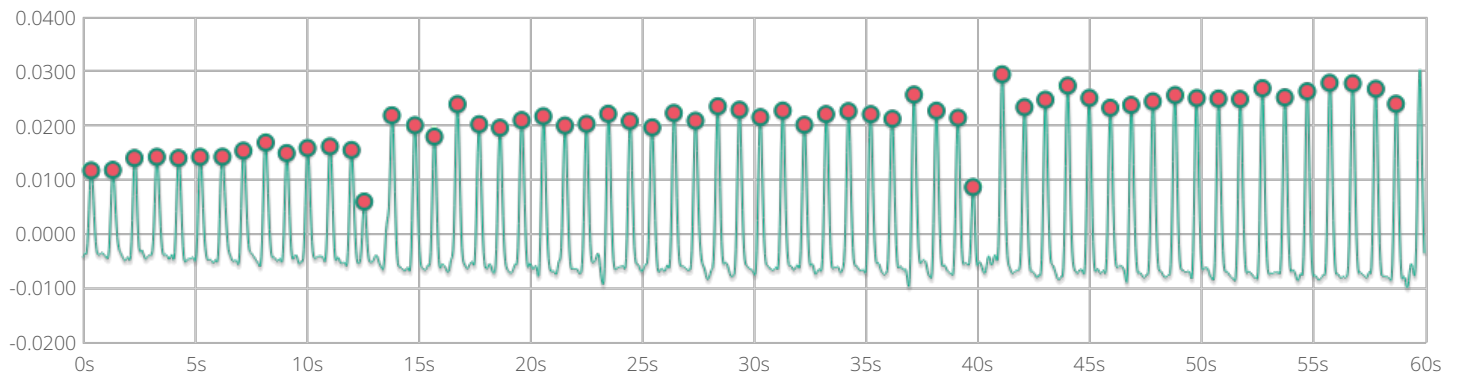
Suggestion

No abnormalities were observed. Repeat the measurement at regular time intervals.

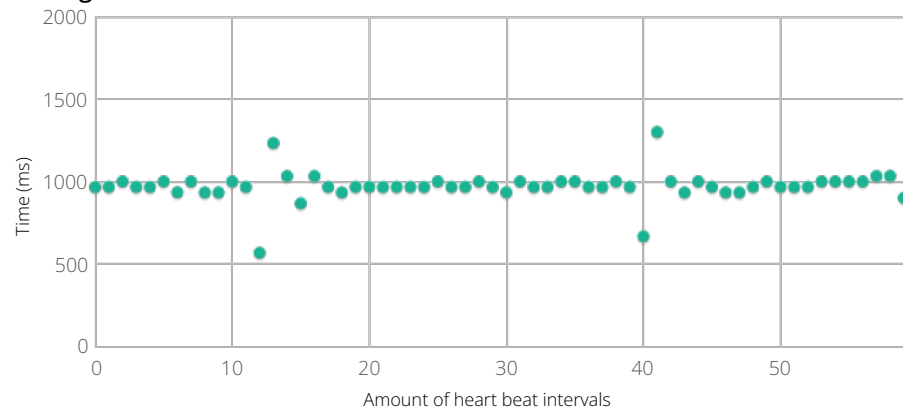
* This section is for your physician

PPG ● Heartbeat

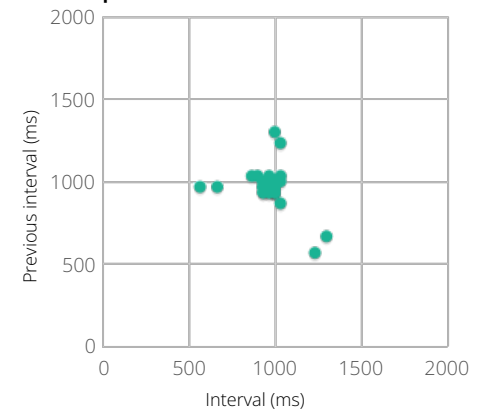
signal:



Tachogram of each detected heartbeat



Lorenz plot



Algorithm version: v1.0.2

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Report end 2017-06-07

FibriCheck measurement performed on:

2017-06-06 20:11

Measurement received on:

2017-06-06 20:12

Measurement reviewed on:

2017-06-07 14:10

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm is **regular**. You did not report any symptoms.

Heart rate results

Your heart rate is slightly slower than normal (signs of bradycardia), it averages at **56** beats per minute.

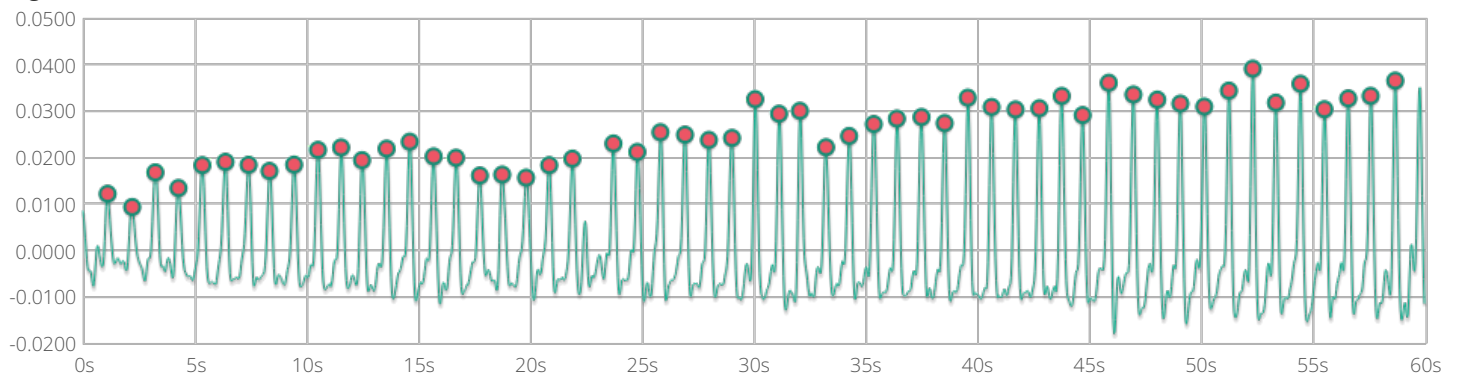
Suggestion

A slightly slowed heart rate can be the result of regular exercise or heart rate medication, and may not be harmful. Repeat the measurement at regular time intervals.

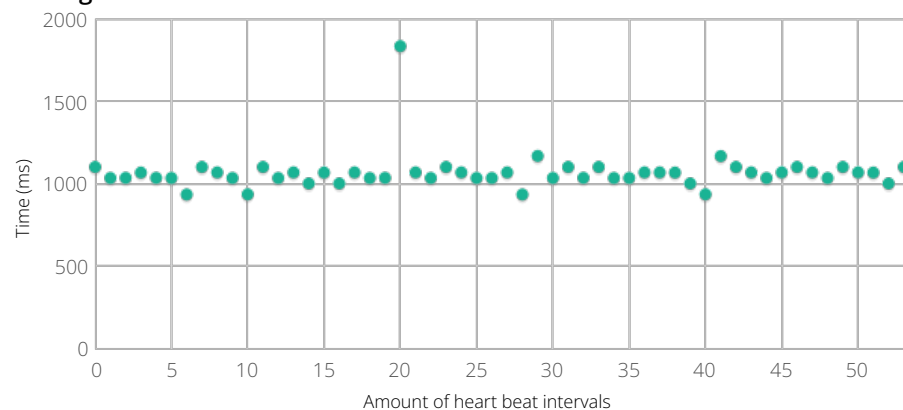
* This section is for your physician

PPG ● Heartbeat

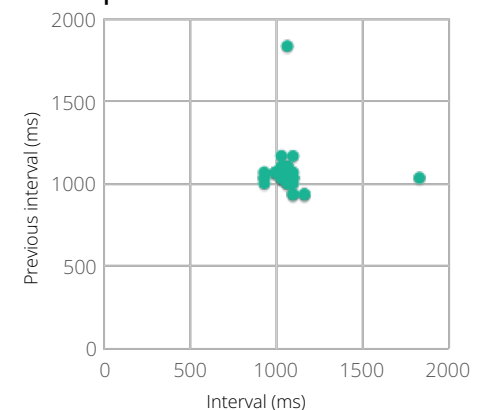
signal:



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Lorenz plot



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FibriCheck measurement performed on:

2017-06-06 09:32

Measurement received on:

2017-06-06 09:33

Measurement reviewed on:

2017-06-20 09:32

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm is **regular**. You reported **FATIGUE**.

Heart rate results

Your heart rate is normal, it averages at **61** beats per minute.

Suggestion

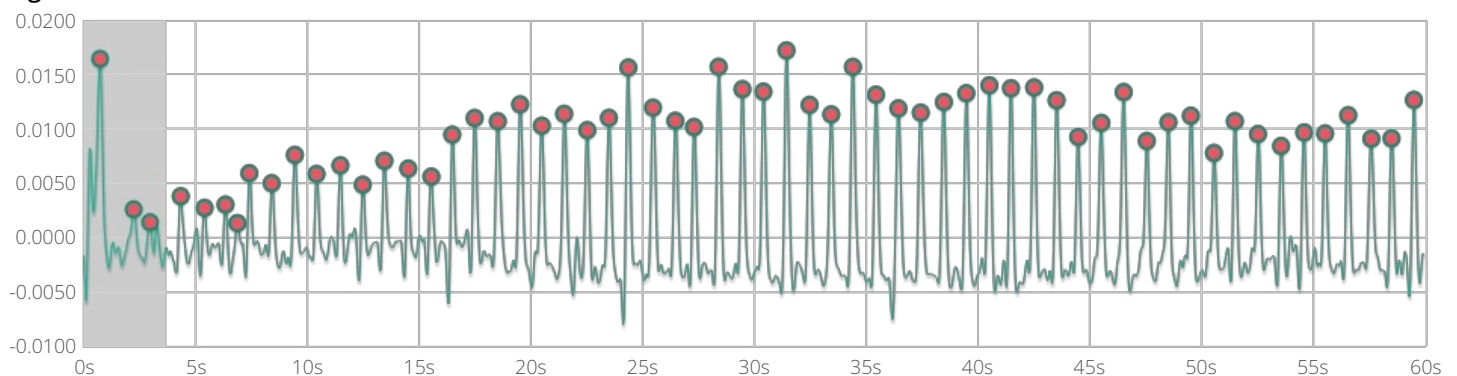
No abnormalities were observed. However, you did report to experience symptoms. Repeat the measurement at regular time intervals and when you are experiencing these symptoms again. If you keep experiencing these symptoms, it may be advised to discuss this with your physician.

* This section is for your physician

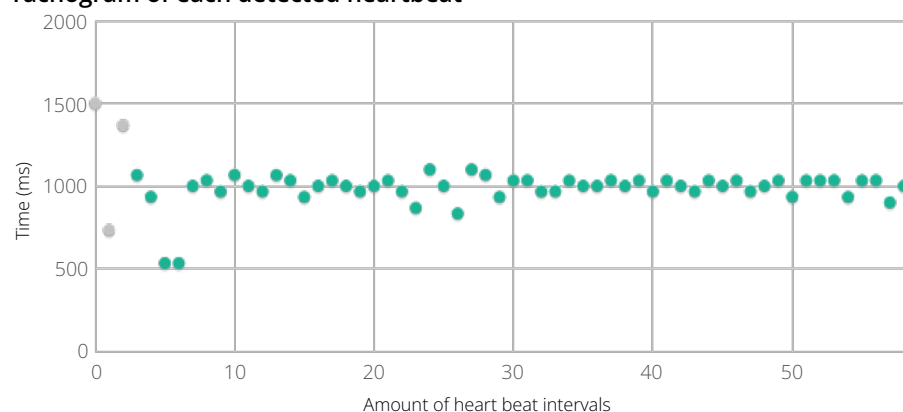
PPG

■ Insufficient signal quality ● Heartbeat

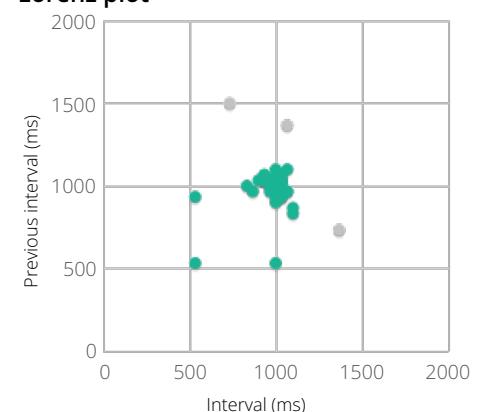
signal:



Tachogram of each detected heartbeat



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FibriCheck measurement performed on:

2017-06-05 19:58

Measurement received on:

2017-06-05 19:59

Measurement reviewed on:

2017-06-07 14:01

Device:

apple iPhone 5s (GSM)

Heart rhythm results

Your heart rhythm is **regular**. You did not report any symptoms.

Heart rate results

Your heart rate is slightly slower than normal (signs of bradycardia), it averages at **56** beats per minute.

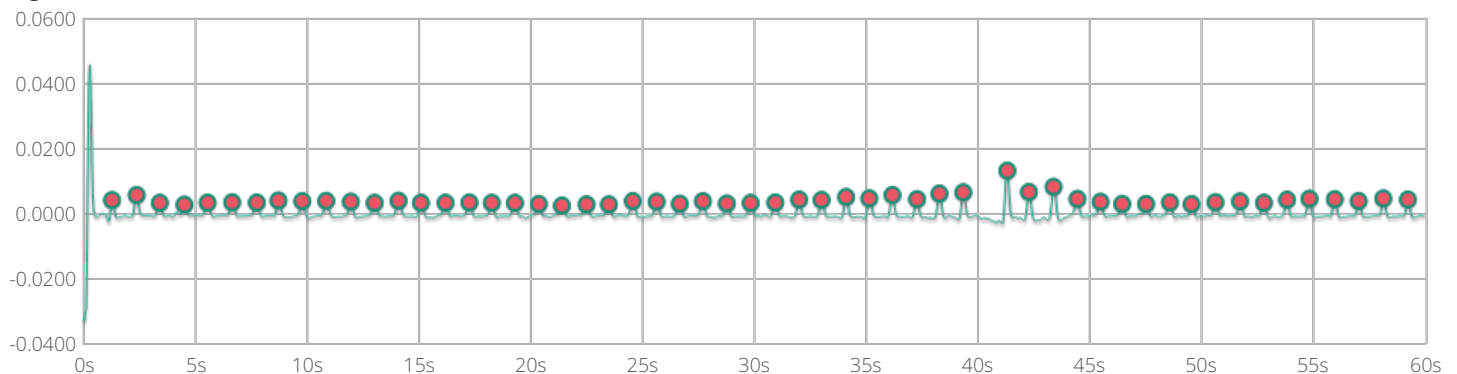
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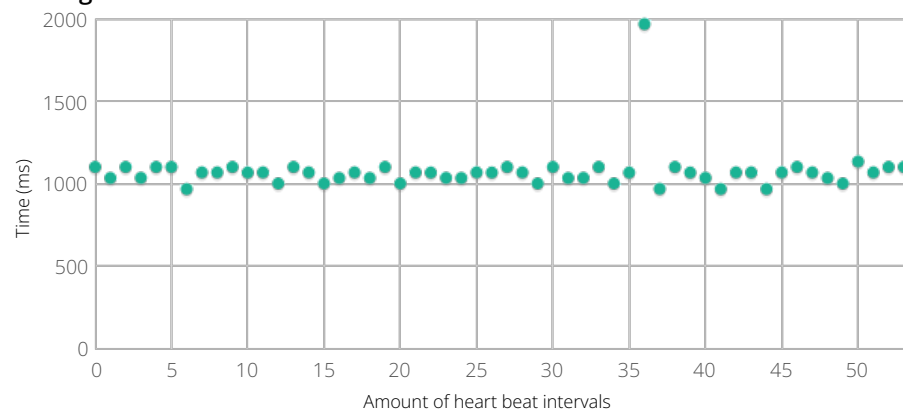
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PPG ● Heartbeat

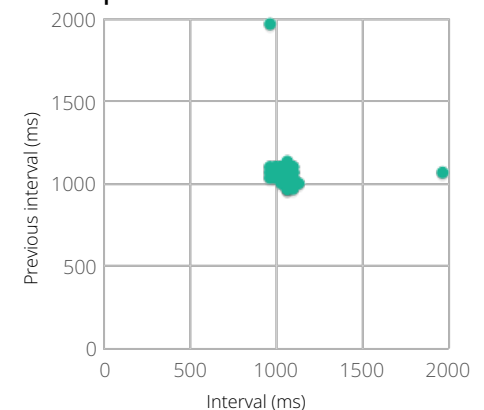
signal:



Tachogram of each detected heartbeat



Lorenz plot



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