

Incomplete report for performed measurement of VC2B008BF_01A311
From 07/06/2020 To 08/06/2020
Patient Details

Patient	VC2B008BF_01A311	Age	20	Pacemaker	No
Sex	Male	Height	172 cm	Medications	
Address		Weight	67 kg	Indications	

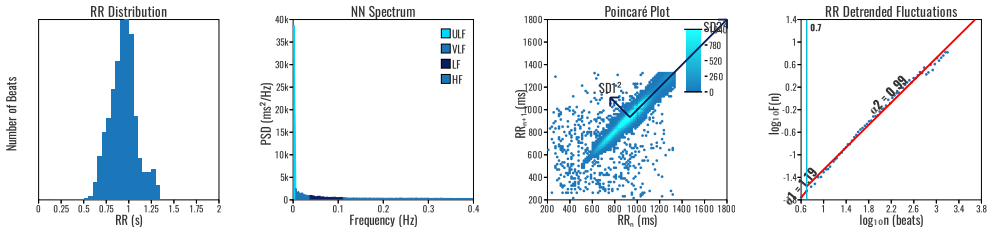
Summary Information

GENERAL INFORMATION		HEART RATE		PAUSES AND ABERRANT BEATS	
Analyzed Beats	86013	Min HR-4	45 BPM at 07.06.2020 19:44:12	SA Total	0
Total Recording Duration	10:15:53	Max HR-4	179 BPM at 08.06.2020 00:50:06	Maximum SA	/
Normal Sinus Rhythm Duration	0s	Average HR-24 Hours	64 BPM	Micro SA Total	0
ECG Monitoring Start	07.06.2020 13:44:00	Min HR-Hourly	48 BPM at 07.06.2020 20:00:00	Total Aberrant Beats/Runs	0
ECG Monitoring End	08.06.2020 14:04:00	Max HR-Hourly	81 BPM at 08.06.2020 03:00:00		
HRV - TIME DOMAIN		HRV - FREQUENCY DOMAIN		HRV - OTHER	
SDNN	151 ms	ULF	13404 ms ² peak at 0.000 Hz	Poincaré SD1	31.14 ms
ASDNN	109 ms	VLF	2574 ms ² peak at 0.004 Hz	Poincaré SD2	209.74 ms
SDANN	109 ms	LF	1034 ms ² peak at 0.041 Hz	Poincaré SD1/SD2	0.15
NN50	7905/76107	HF	679 ms ² peak at 0.170 Hz	DFA α1	1.19
pNN50	10%	LF/HF	1.523	DFA α2	0.99
rMSSD	36 ms				
VENTRICULAR ECTOPIES		SUPRAVENTRICULAR ECTOPIES		VENTRICULAR BIGEMINY	
VE Total	532	SVE Total	3653	Number of episodes	1
VE-Pair Total	48	SVE Pair Total	331	Total duration	4s (0.01%)
Short V-Runs (3≤n<6)	20	Short SV-Runs (3≤n<6)	332	Longest duration	4s at 07.06.2020 13:48:33
Long V-Run Total (n≥6)	0	Long SV-Run Total (n≥6)	142	Min HR	75 BPM at 07.06.2020 13:48:37
Longest V-Run	5 at 08.06.2020 00:37:43	Longest SV-Run	6 at 07.06.2020 13:52:54	Max HR	75 BPM at 07.06.2020 13:48:37
Min HR Long V-Run	/	Min HR Long SV-Run	54 BPM at 07.06.2020 14:06:13		
Max HR Long V-Run	/	Max HR Long SV-Run	115 BPM at 07.06.2020 14:23:11		
VEs per 1000	6	SVEs per 1000	44		
VEs per Hour	52	SVEs per Hour	356		
IDIOVENTRICULAR RHYTHM		SINUS BRADYCARDIA		SUPRAVENTRICULAR TACHYARRHYTHMIA	
Number of episodes	4	Number of episodes	445	Number of episodes	1
Total duration	8s (0.02%)	Total duration	00:35:09.1 (2.41%)	Total duration	0.4s (0.00%)
Longest duration	2.1s at 07.06.2020 14:32:49	Longest duration	34.3s at 07.06.2020 14:40:41	Longest duration	0.4s at 07.06.2020 14:26:55
Min HR	58 BPM at 07.06.2020 14:32:50	Min HR	52 BPM at 08.06.2020 00:01:07	Min HR	0 BPM at 08.06.2020 00:00:00
Max HR	61 BPM at 07.06.2020 14:33:42	Max HR	89 BPM at 08.06.2020 00:18:00	Max HR	0 BPM at 08.06.2020 00:00:00
VENTRICULAR TRIGEMINY		VENTRICULAR TACHYCARDIA			
Number of episodes	3	Number of episodes	22		
Total duration	16.6s (0.02%)	Total duration	48.7s (0.06%)		
Longest duration	6.4s at 07.06.2020 14:21:26	Longest duration	4.1s at 08.06.2020 00:37:42		
Min HR	66 BPM at 07.06.2020 14:21:32	Min HR	58 BPM at 08.06.2020 00:29:07		
Max HR	96 BPM at 08.06.2020 00:41:42	Max HR	134 BPM at 08.06.2020 00:40:52		

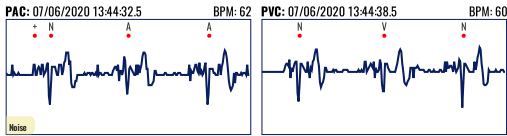
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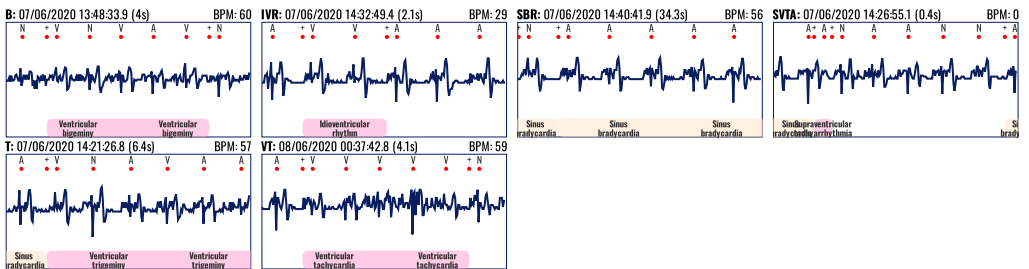
HRV Plot Charts



Detected Beat Types

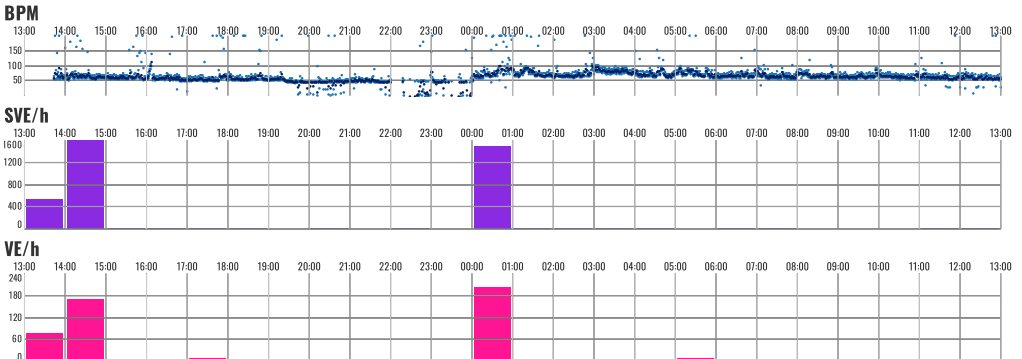


Detected Rhythm Episode Types



Significant Histograms

07/06/2020



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Opinion

The total recording time is 10:15:53. The basic rhythm is sinus bradycardia.

Heart rate ranged from 45 bpm at 07.06.2020 19:44:12, to 179 bpm at 08.06.2020 00:50:06, while the mean value is 64 bpm.

No pauses were detected.

Overall, there were 3653 PACs and 532 PVCs found.

There was 1 episode of ventricular bigeminy. The rate was 75 BPM and occurred at 07.06.2020 13:48:37. This episode lasted for 4s.

The system detected 4 episodes of idioventricular rhythm. The fastest rate was 61 BPM and occurred at 07.06.2020 14:33:42. The longest lasted for 2s and occurred at 07.06.2020 14:32:49.

There were 445 episodes of sinus bradycardia. The fastest rate was 89 BPM and occurred at 08.06.2020 00:18:00. The longest lasted for 34s and occurred at 07.06.2020 14:40:41.

The system detected 1 episode of supraventricular tachyarrhythmia. The rate was 0 BPM and occurred at 08.06.2020 00:00:00. The episode lasted for 0s.

There were 3 episodes of ventricular trigeminy. The fastest rate was 96 BPM and occurred at 08.06.2020 00:41:42. The longest lasted for 6s and occurred at 07.06.2020 14:21:26.

The system detected 22 episodes of ventricular tachycardia. The fastest rate was 134 BPM and occurred at 08.06.2020 00:40:52. The longest lasted for 4s and occurred at 08.06.2020 00:37:42.

07/08/2020 18:36:29