

Heart Rate Variability Report

Patient Details

Name	HOLTER, DEMO	Date/time	14/10/2015 10:15:48
ID	15102015	Length	24:00:00
Date of birth	21/01/1931	Recorder	MR604 3 (AR4-0002832/0)
Gender	F	Referring Dr	DR. HOLTER
Address		Contact	HONG KONG , TST
Phone No.			TEL: 852-2222 2222

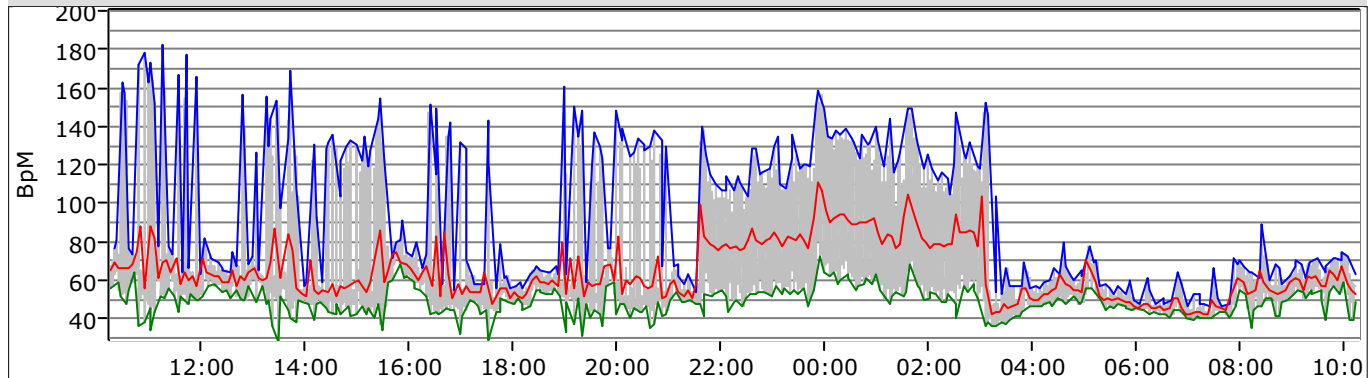
Heart Rate and HRV

Min	17 @ 02:32:27
Max	181 @ 11:16:15
Mean	65
Mean day	62 (07:30-22:00)
Mean night	70 (22:00-07:30)
SDNN	266.6 ms
SDNN-i	152.08 ms
CI	0.86

General

# beats	88254
SV	88087
V	167

Heart Rate Trend



Findings

An ambulatory Holter recording was started on 14/10/2015 10:15:48 with a duration of 24:00:00 hours. The average heart rate was 62 bpm during the day, 70 bpm at night and 65 bpm over the complete recording. The maximum heart rate was 181 bpm at 11:16:15. The minimum heart rate was 17 bpm at 02:32:27. The standard deviation over all normal beats was 266.6 ms.

In total 88254 beats were found of which 167 were classified as ventricular beats.

Ventricular activity:

Couplet(s): 7/0
Bigeminy(s): 3
Trigeminy(s): 1
VES(s): 24
Isolated V(s): 119

Supraventricular activity:

Pause(s): 53
SVES(s): 26
PSVT(s): 0
Tachycardia(s): 169
Bradycardia(s): 29

The longest pause was 11.6 sec at 03:03.

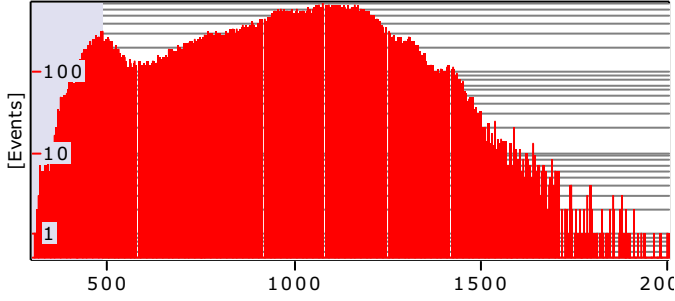
PHYSICIAN COMMENT

HRV Standard Parameter

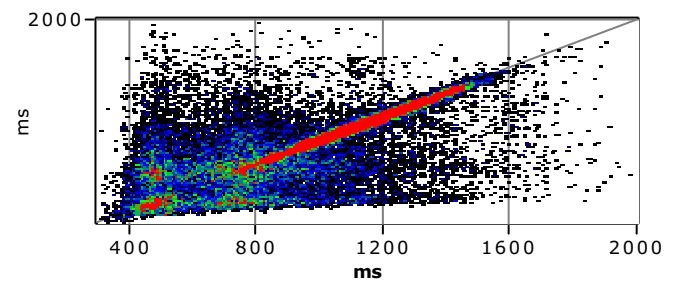
Time	Min [BpM]	Mean [BpM]	Max [BpM]	QRS	SDNN [ms]	r-MSSD [ms]	pNN50 [%]	valid [%]
Total		61.25			266.6 ms	217.8 ms	30.66	
10:15:48	18.36	65.72	192.31	3933	216.3	103.1	10.73	99.54
11:15:48	34.48	62.21	197.37	3728	148.7	65.9	6.14	99.60
12:15:48	36.86	60.79	172.41	3644	96.0	52.2	2.88	99.75
13:15:48	11.69	60.47	189.87	3598	276.9	228.5	20.21	98.76
14:15:48	32.33	53.30	161.29	3193	173.7	110.4	10.34	99.63
15:15:48	12.61	64.81	168.54	3883	213.3	177.1	10.64	99.74
16:15:48	9.62	57.54	174.42	3441	275.0	240.6	22.35	99.45
17:15:48	15.20	52.97	154.64	3174	135.2	99.0	7.15	99.87
18:15:48	12.21	58.52	176.47	3506	169.2	116.7	5.96	99.72
19:15:48	11.53	58.32	159.57	3486	237.4	169.5	13.65	99.32
20:15:48	12.17	54.51	159.57	3263	261.4	230.1	15.57	99.57
21:15:48	13.15	66.40	156.25	3960	276.6	302.8	62.20	99.10
22:15:48	27.12	73.90	156.25	4402	237.7	327.6	87.30	99.01
23:15:48	15.14	82.03	176.47	4899	236.0	299.3	82.45	99.43
00:15:48	27.78	82.35	154.64	4935	217.8	294.4	83.57	99.80
01:15:48	27.99	77.45	172.41	4635	249.3	326.9	84.83	99.66
02:15:48	5.19	72.18	174.42	4314	406.6	475.5	78.44	99.45
03:15:48	31.91	48.28	113.64	2897	157.5	43.6	6.35	100.00
04:15:48	46.44	57.77	80.21	3466	117.8	19.4	1.50	100.00
05:15:48	36.59	49.10	87.21	2946	71.2	28.0	1.05	100.00
06:15:48	34.01	45.53	85.71	2732	103.4	42.6	3.15	100.00
07:15:48	33.48	49.66	88.24	2979	176.1	34.6	2.92	99.97
08:15:48	36.41	56.51	118.11	3391	99.3	47.6	5.66	100.03
09:15:48				0				0.00

HRV Histograms

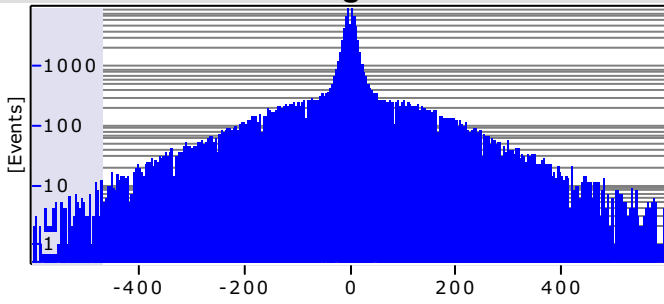
RR Histogram



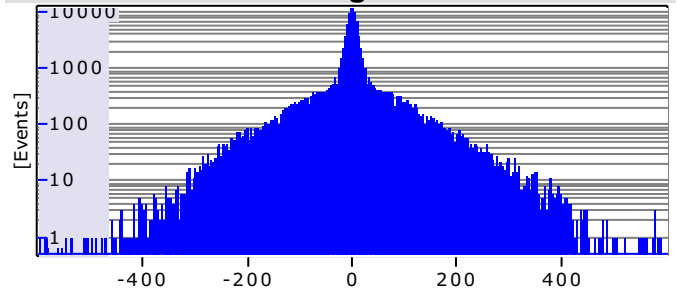
Scatterplot



2RR Differential Histogram

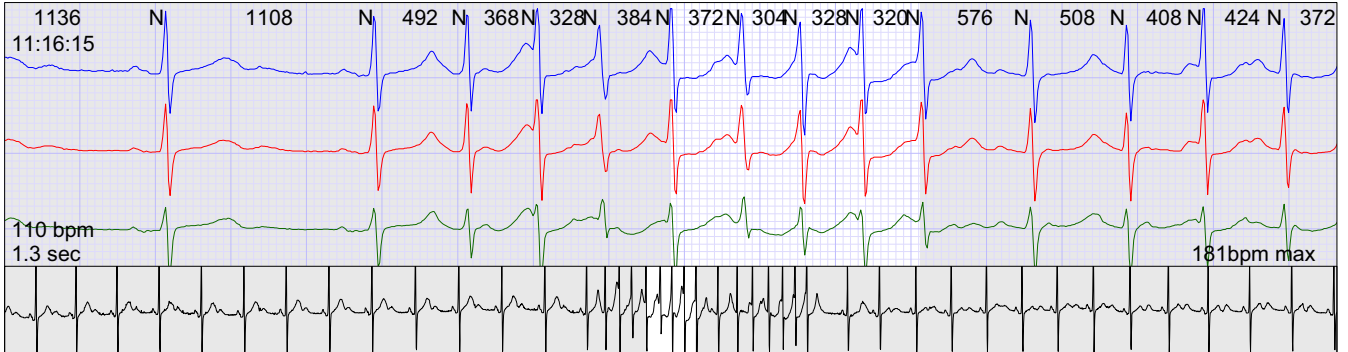


3RR Differential Histogram



Maximum Heart Rate

25 mm/sec - 5 mm/mV



Minimum Heart Rate

25 mm/sec - 5 mm/mV

