24 hour Holter report

LAB NUMBER	**CS-45678**	RECORDING DATE	23/07/2018
NAME	Stallone Sylvestor	REFERRED BY	Dr Watson
D.O.B	23/12/1952	REPORTED BY	Doctor
GENDER	Male	REPORTED DATE	12/03/2019
INDICATIONS		LOCATION	Australia
MEDS			

CONCLUSIONS

Sinus bradycardia.
The average heart rate was 62. The minimum heart rate was 42 at 04:40. The maximum heart rate was 95 at 04:52.
Rare ventricular ectopics.
Occasional supraventricular ectopics including rare couplets and a 9-beat run of supraventricular tachycardia, rate up to 150 bpm.
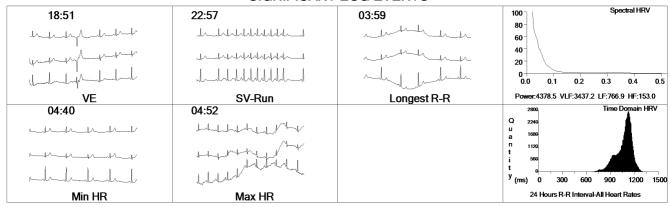No pauses greater than 2.0 seconds.
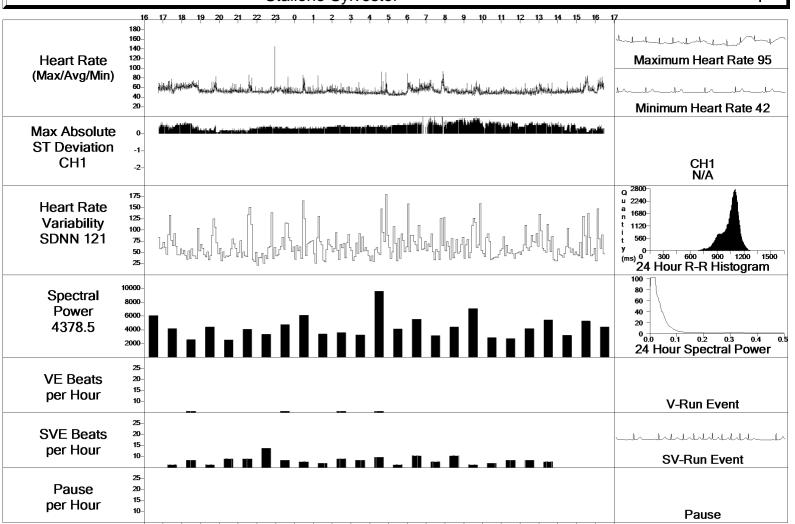No patient events.

Analysed byCS

Doctor

HEART RATE

Minimum HR-4 Intervals:	42 bpm at 4:40
Maximum HR-4 Intervals:	95 bpm at 4:52
Average HR-24 Hours:	52 bpm
Minimum HR-Hourly:	46 bpm at 5:00
Maximum HR-Hourly:	62 bpm at 18:00
Analyzed Beats:	74888
Analyzed Minutes:	1425
ECG Monitoring Period:	23 hours 45 minute

VENTRICULAR ECTOPY

VE Total:	4
V-Pair Total:	0
V-Run Total:	0
Longest V-Run:	N/A
Maximum HR V-Run:	N/A
Minimum HR V-Run:	N/A
VE's per 1000/per Hour:	1/1
Ventricular R on T:	N/A

HEART RATE VARIABILITY

SDNN-24 Hour:	121
SDANN Index:	95
SDNN Index:	64
rMSSD:	31
pNN50:	9
Spectral Power-24 Hour:	4378.5
Min Spectral Power Hour:	2529.1
Max Spectral Power Hour:	9591.7

ST SEGMENT ANALYSIS

Total ST Minutes CH1:	0
Total ST Minutes CH2:	0
Total ST Minutes CH3:	0
Max Abs. ST Depression:	N/A
Max Abs. ST Elevation:	N/A
Max ST Episode:	N/A
Max HR In ST Episode:	59

SUPRAVENTRICULAR ECTOPY

SVE Total:	108
SVE Pair Total:	11
SV-Run Total:	1
Longest SV-Run:	9 beats at 22:57
Maximum HR SV-Run:	127 bpm at 22:57
SVE's per 1000/per hour:	2/5
Total Aberrant Beats/Runs:	0/0
Atrial Fib/Flutter:	0.0%

PAUSES

Pauses in Excess of 2.0 sec:	0
Max Pause:	N/A

QT

Max QT:	514 ms (Ch. 1)
Max QTc:	521 ms
Time of Max QT:	at 18:34. HR 70 bpm.
BBB	N/A

SIGNIFICANT ECG EVENTS

18:51	22:57	03:59	Spectral HRV
VE	SV-Run	Longest R-R	Power:4378.5 VLF:3437.2 LF:766.9 HF:153.0

04:40	04:52		Time Domain HRV
Min HR	Max HR		24 Hours R-R Interval-All Heart Rates

Heart Rate (Max/Avg/Min)

Maximum Heart Rate 95

Minimum Heart Rate 42

Max Absolute ST Deviation CH1

CH1
N/A

Heart Rate Variability SDNN 121

24 Hour R-R Histogram

Spectral Power 4378.5

24 Hour Spectral Power

VE Beats per Hour

V-Run Event

SVE Beats per Hour

SV-Run Event

Pause per Hour

Pause

Time	Total Beats	Avg HR	Min HR	Max HR	SDNN	Spectral Power	Absolute ST CH 1		Absolute ST CH 2		Absolute ST CH 3		VE	V-Pair	V-Run	SVE	SV Run	Pause > 2.0 sec	SV-Bi	SV-Tri	V-Big	V-Tri	BBB
16:45	918	58	48	68	115	6076.3	0	+0.3	0	+0.5	0	-0.5	0	0	0	3	0	0	1	0	0	0	0
17:00	3530	59	47	81	90	4182.1	0	+0.2	0	+0.5	0	-0.3	0	0	0	2	0	0	0	0	0	0	0
18:00	3715	62	49	75	74	2569.1	0	+0.2	0	+0.5	0	-0.4	1	0	0	5	0	0	0	0	0	0	0
19:00	3208	53	47	81	94	4425.2	0	0.0	0	+0.4	0	-0.3	0	0	0	2	0	0	0	0	0	0	0
20:00	3121	52	47	67	56	2529.1	0	+0.1	0	+0.4	0	-0.1	0	0	0	6	0	0	0	0	0	0	0
21:00	3169	53	46	87	103	4080.7	0	+0.1	0	+0.4	0	-0.3	0	0	0	6	0	0	0	0	0	0	0
22:00	3085	51	45	88	65	3358.4	0	+0.3	0	+0.5	0	-0.2	0	0	0	13	1	0	0	0	0	0	0
23:00	3149	52	45	80	87	4761.4	0	+0.3	0	+0.5	0	-0.2	1	0	0	5	0	0	0	0	0	0	0
0:00	3078	51	45	85	116	6143.7	0	+0.3	0	+0.5	0	-0.3	0	0	0	4	0	0	0	0	0	0	0
1:00	3093	51	45	84	78	3393.9	0	+0.3	0	+0.4	0	-0.2	0	0	0	3	0	0	0	0	0	0	0
2:00	3101	52	45	81	69	3581.1	0	+0.4	0	+0.5	0	-0.1	1	0	0	6	0	0	0	0	0	0	0
3:00	2946	49	43	66	63	3274.1	0	+0.3	0	+0.5	0	-0.2	0	0	0	5	0	0	0	0	0	0	0
4:00	2990	50	42	95	110	9591.7	0	+0.2	0	+0.3	0	-0.4	1	0	0	7	0	0	0	0	0	0	0
5:00	2768	46	42	63	73	4148.8	0	+0.4	0	+0.6	0	-0.3	0	0	0	2	0	0	0	0	0	0	0
6:00	3403	57	45	87	98	5541.6	0	+0.4	0	+0.6	0	-0.1	0	0	0	8	0	0	0	0	0	0	0
7:00	3232	58	45	84	141	3174.6	0	+0.4	0	+0.6	0	-0.1	0	0	0	4	0	0	0	0	0	0	0
8:00	3081	51	44	65	80	4402.1	0	+0.3	0	+0.7	0	-0.3	0	0	0	8	0	0	0	0	0	0	0
9:00	3083	51	42	69	108	7102.4	0	+0.5	0	+0.8	0	0.0	0	0	0	2	0	0	0	0	0	0	0
10:00	2929	48	43	63	60	2872.7	0	+0.3	0	+0.7	0	-0.1	0	0	0	3	0	0	0	0	0	0	0
11:00	2987	50	44	63	67	2749.8	0	+0.3	0	+0.6	0	-0.2	0	0	0	5	0	0	0	0	0	0	0
12:00	3007	50	43	68	92	4205.3	0	+0.4	0	+0.7	0	0.0	0	0	0	5	0	0	0	0	0	0	0
13:00	3151	52	45	76	97	5451.1	0	+0.4	0	+0.6	0	-0.3	0	0	0	4	0	0	0	0	0	0	0
14:00	3044	51	46	72	59	3213.9	0	+0.1	0	+0.5	0	-0.2	0	0	0	0	0	0	0	0	0	0	0
15:00	3414	57	47	84	137	5279.4	0	+0.1	0	+0.3	0	-0.3	0	0	0	0	0	0	0	0	0	0	0
16:00	1686	60	46	80	94	4425.2	0	+0.2	0	+0.5	0	-0.3	0	0	0	0	0	0	0	0	0	0	0
Totals	74888	52	42	95	121	4378.5	0	+0.5	0	+0.8	0	-0.5	4	0	0	108	1	0	1	0	0	0	0

HR	93	93	94	94	94	94	94	93	93	90	82	57
ms	640	640	632	632	632	632	632	640	640	664	726	1046

04:52:02   Max HR-Heart Rate: 95 bpm

HR	45	43	42	41	42	41
ms	1328	1367	1421	1437	1414	1429

04:40:39   Min HR-Heart Rate: 42 bpm

HR	50	102	103	123	132	139	132	139	144	150	45
ms	1179	585	578	484	453	429	453	429	414	398	1304
		S	S	S	S	S	S	S	S	S	

22:57:26   SV-Run

HR   55   56   112   44   56   56   56
ms   1085   1070   531   1359   1070   1070   1070
                                    S

19:45:17   SVE

HR   50   81   42   48   48   49
ms   1187   734   1398   1250   1242   1203
                        S

01:36:38   SVE

HR   51   86   87   41   48   48
ms   1164   695   687   1445   1250   1234
                        S   S

22:40:51   SVE

HR	54	55	93	38	56	58	58
ms	1093	1085	640	1562	1054	1023	1031
			V				

18:51:51   VE

HR	52	60	41	50	49	52
ms	1148	984	1453	1179	1203	1148
		V				

23:53:18   VE

HR	59	114	142	52	46	46	47
ms	1015	523	421	1148	1296	1281	1273
		S	V				

04:21:52   VE