

Welch Allyn CardioPerfect Workstation

Name: Doe, John
Number: CCNV.003
Gender: Male
Birthdate: 3/27/1967 28 years
Comment:

Recorded: 6/13/1995 3:28:33 PM
Read back: 6/14/1995 3:00:00 PM
Recorded by:
Referring physician:
Location:

General:

Nr. measurements
Total time
Average
SD
Pulse Pressure

Overall:

48
11:30:00 PM
126 / 86 mmHg
9.3 / 7.7 mmHg
40.1 mmHg

Awake:

29
2:00:00 PM
130 / 88 mmHg
6.2 / 5.7 mmHg
41.8 mmHg

Asleep:

19
9:30:00 AM
120 / 82 mmHg
10.1 / 9.2 mmHg
37.4 mmHg

Systolic:

Nr. measurements
Maximum
Minimum

4 (8%) >= 140
144 mmHg at 19:30
110 mmHg at 3:30

2 (7%) >= 140
144 mmHg at 19:30
118 mmHg at 18:00

4 (21%) >= 125
144 mmHg at 7:30
110 mmHg at 3:30

Diastolic:

Nr. measurements
Maximum
Minimum

16 (33%) >= 90
106 mmHg at 8:00
72 mmHg at 18:00

13 (45%) >= 90
99 mmHg at 8:30
72 mmHg at 18:00

9 (47%) >= 80
106 mmHg at 8:00
73 mmHg at 3:30

Heart rate:

Average
SD
Maximum
Minimum

75 bpm
4.6 bpm
85 bpm at 9:00
66 bpm at 5:00

76 bpm
4.3 bpm
85 bpm at 9:00
68 bpm at 16:30

73 bpm
4.8 bpm
84 bpm at 8:00
66 bpm at 5:00

Awake/asleep decrease, early morning:

Decrease: 7.7% / 6.3% (Not a dipper)
Morning average: 135.3 / 93.0 mmHg

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Nr.	Date & Time	Syst.	MAP	Diast.	HR	PP	RPP	Comment
1	6/13/1995 3:30:00	131	101	91	78	40	10218	Manual measurement
2	6/13/1995 4:00:00	131	101	92	72	39	9432	
3	6/13/1995 4:30:00	128	104	88	68	40	8704	
4	6/13/1995 5:00:00	122	93	84	72	38	8784	
5	6/13/1995 5:30:00	128	101	83	78	45	9984	
6	6/13/1995 6:00:00	118	87	72	75	46	8850	
7	6/13/1995 6:30:00	124	103	82	77	42	9548	
8	6/13/1995 7:00:00	128	97	82	78	46	9984	
9	6/13/1995 7:30:00	144	123	92	76	52	10944	
10	6/13/1995 8:00:00	132	119	90	77	42	10164	
11	6/13/1995 8:30:00	128	103	88	82	40	10496	
12	6/13/1995 9:00:00	142	117	97	74	45	10508	
13	6/13/1995 9:30:00	137	105	92	79	45	10823	
14	6/13/1995 10:00:00	131	112	88	73	43	9563	
15	6/13/1995 10:30:00	127	105	84	71	43	9017	
16	⤷ 6/13/1995 11:00:00	132	95	83	69	49	9108	
17	⤷ 6/13/1995 11:30:00	122	95	82	72	40	8784	
18	⤷ 6/14/1995 12:00:00	115	102	79	69	36	7935	
19	⤷ 6/14/1995 12:30:00	118	100	74	72	44	8496	
20	⤷ 6/14/1995 1:00:00	112	100	80	77	32	8624	
21	⤷ 6/14/1995 1:30:00	120	106	82	74	38	8880	
22	⤷ 6/14/1995 2:00:00	112	102	78	72	34	8064	
23	⤷ 6/14/1995 2:30:00	114	89	77	73	37	8322	
24	⤷ 6/14/1995 3:00:00	115	95	79	74	36	8510	
25	⤷ 6/14/1995 3:30:00	110	99	73	70	37	7700	
26	⤷ 6/14/1995 4:00:00	114	102	78	69	36	7866	
27	⤷ 6/14/1995 4:30:00	118	105	79	72	39	8496	
28	⤷ 6/14/1995 5:00:00	112	99	76	66	36	7392	
29	⤷ 6/14/1995 5:30:00	113	94	79	70	34	7910	
30	⤷ 6/14/1995 6:00:00	114	98	80	72	34	8208	
31	⤷ 6/14/1995 6:30:00	119	103	84	75	35	8925	
Event	6/14/1995 6:58:00							Pressed event button
32	⤷ 6/14/1995 7:00:00	133	114	93	82	40	10906	
33	⤷ 6/14/1995 7:30:00	144	124	105	82	39	11808	
34	⤷ 6/14/1995 8:00:00	141	126	106	84	35	11844	
35	6/14/1995 8:30:00	138	110	99	83	39	11454	
36	6/14/1995 9:00:00	136	111	92	85	44	11560	
37	6/14/1995 9:30:00	132	101	88	77	44	10164	
38	6/14/1995 10:00:00	128	109	84	75	44	9600	
39	6/14/1995 10:30:00	133	111	92	78	41	10374	
40	6/14/1995 11:00:00	131	109	90	80	41	10480	
41	6/14/1995 11:30:00	134	117	98	82	36	10988	
42	6/14/1995 12:00:00	125	103	90	72	35	9000	
43	6/14/1995 12:30:00	118	106	85	75	33	8850	
44	6/14/1995 1:00:00	121	99	87	74	34	8954	

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Nr.	Date & Time	Syst.	MAP	Diast.	HR	PP	RPP	Comment
45	6/14/1995 1:30:00	128	99	86	70	42	8960	
46	6/14/1995 2:00:00	130	108	90	72	40	9360	
47	6/14/1995 2:30:00	133	114	88	74	45	9842	
48	6/14/1995 3:00:00	127	94	79	69	48	8763	

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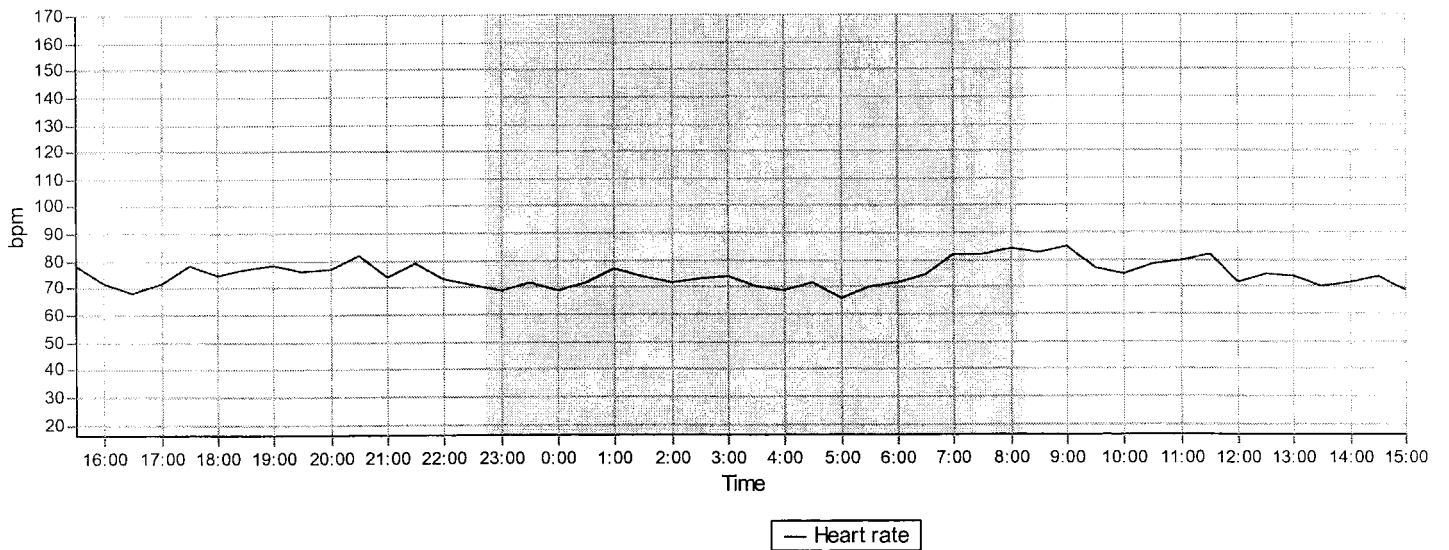
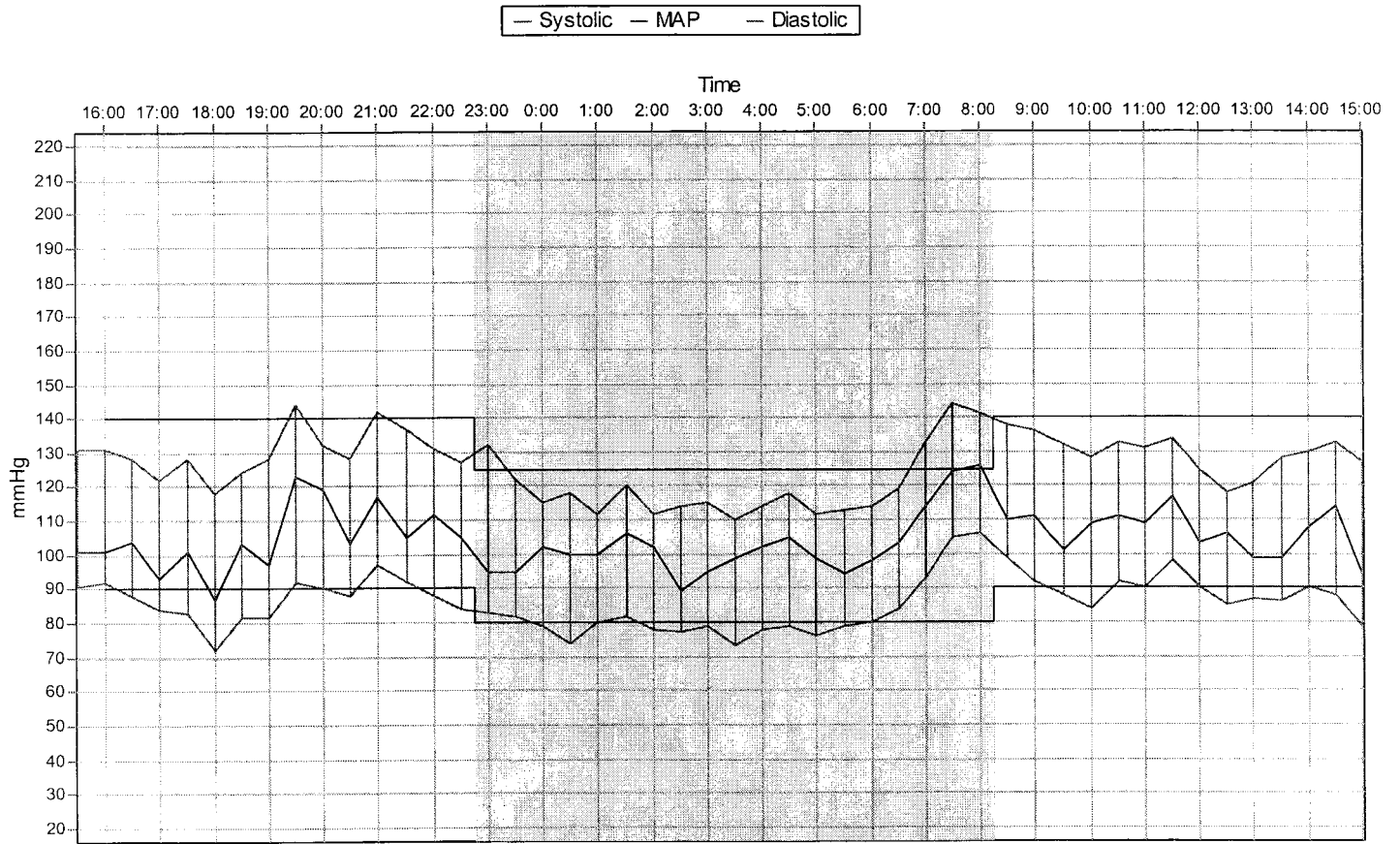
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Recorded by:
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Location:

Numbers	Time	Systolic	SD	Diastolic	SD	Heart rate	SD
1 - 1	15 - 16 h	131	0.0	91	0.0	78	0.0
2 - 3	16 - 17 h	130	2.1	90	2.8	70	2.8
4 - 5	17 - 18 h	125	4.2	84	0.7	75	4.2
6 - 7	18 - 19 h	121	4.2	77	7.1	76	1.4
8 - 9	19 - 20 h	136	11.3	87	7.1	77	1.4
10 - 11	20 - 21 h	130	2.8	89	1.4	80	3.5
12 - 13	21 - 22 h	140	3.5	95	3.5	77	3.5
14 - 15	22 - 23 h	129	2.8	86	2.8	72	1.4
16 - 17	23 - 24 h	127	7.1	83	0.7	71	2.1
18 - 19	0 - 1 h	117	2.1	77	3.5	71	2.1
20 - 21	1 - 2 h	116	5.7	81	1.4	76	2.1
22 - 23	2 - 3 h	113	1.4	78	0.7	73	0.7
24 - 25	3 - 4 h	113	3.5	76	4.2	72	2.8
26 - 27	4 - 5 h	116	2.8	79	0.7	71	2.1
28 - 29	5 - 6 h	113	0.7	78	2.1	68	2.8
30 - 31	6 - 7 h	117	3.5	82	2.8	74	2.1
32 - 33	7 - 8 h	139	7.8	99	8.5	82	0.0
34 - 35	8 - 9 h	140	2.1	103	4.9	84	0.7
36 - 37	9 - 10 h	134	2.8	90	2.8	81	5.7
38 - 39	10 - 11 h	131	3.5	88	5.7	77	2.1
40 - 41	11 - 12 h	133	2.1	94	5.7	81	1.4
42 - 43	12 - 13 h	122	4.9	88	3.5	74	2.1
44 - 45	13 - 14 h	125	4.9	87	0.7	72	2.8
46 - 47	14 - 15 h	132	2.1	89	1.4	73	1.4
48 - 48	15 - 16 h	127	0.0	79	0.0	69	0.0

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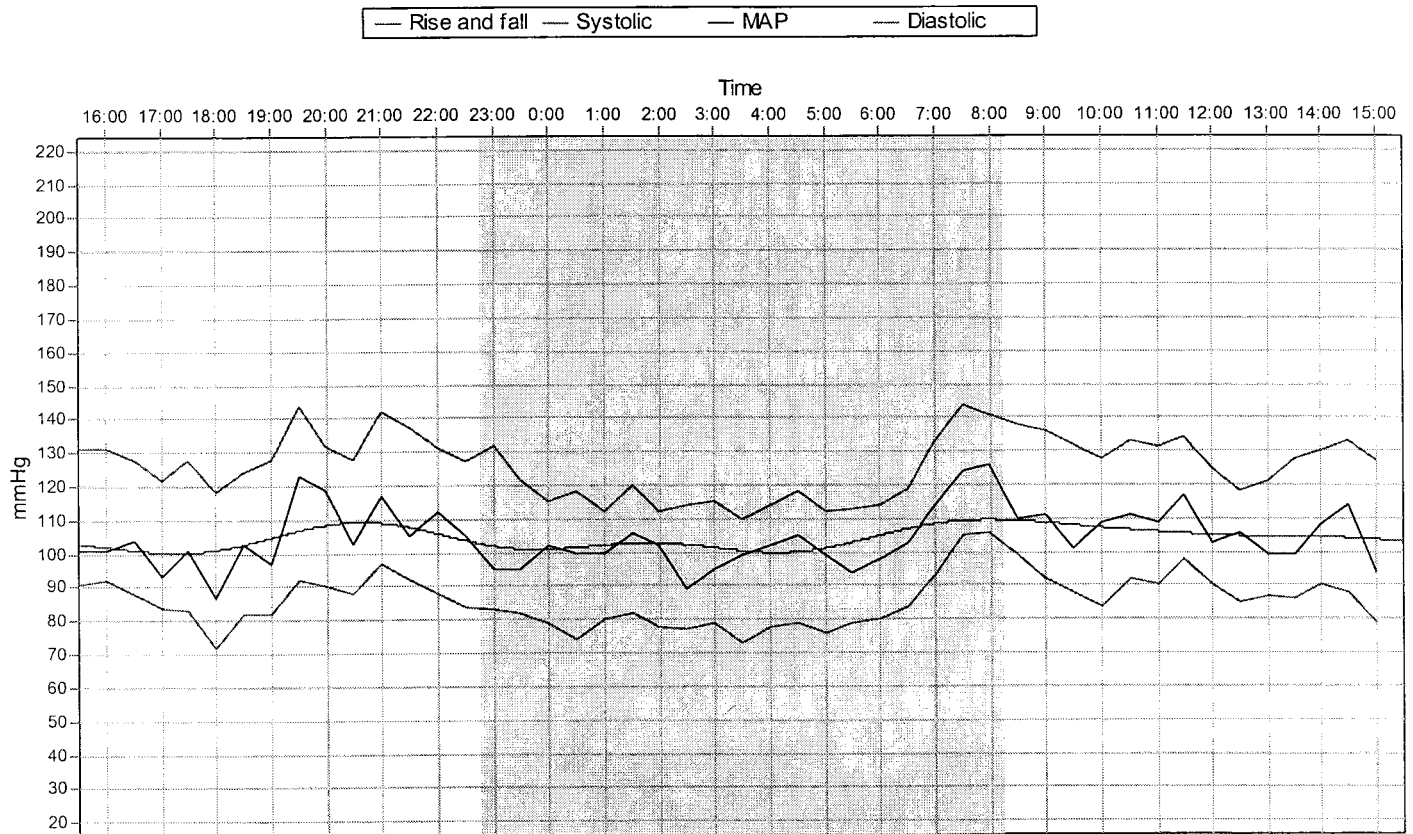
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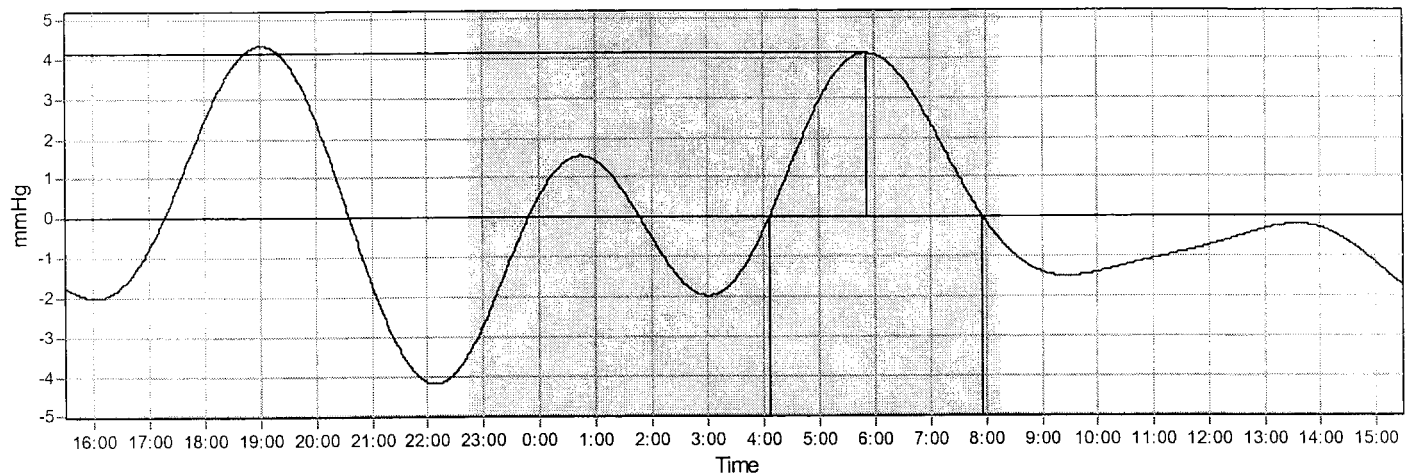
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Morning rise from 4:07 to 7:57

Duration is 3:50

Maximum value of 4.1 mmHg/h at 5:51



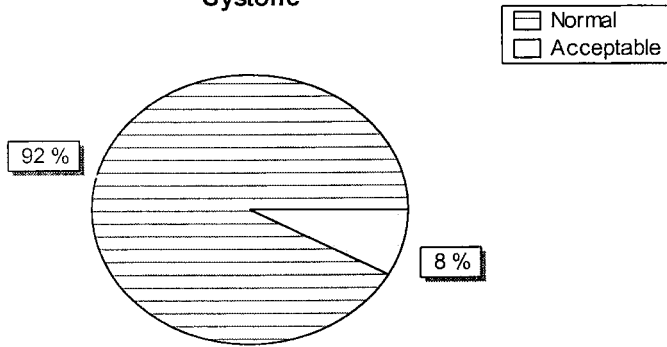
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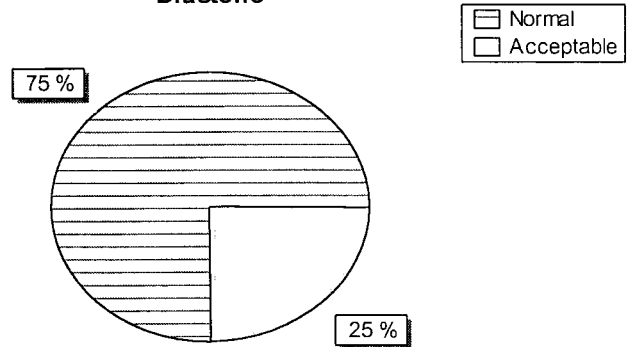
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Overall:

Systolic

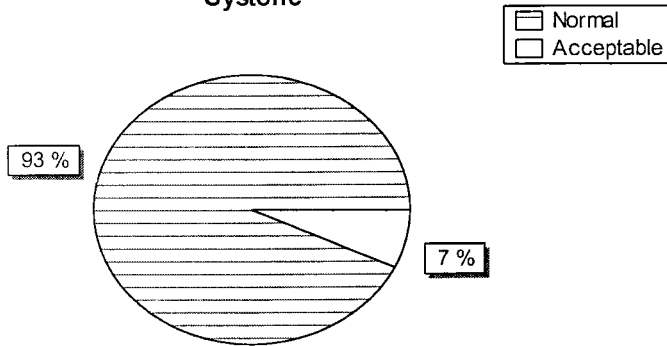


Diastolic

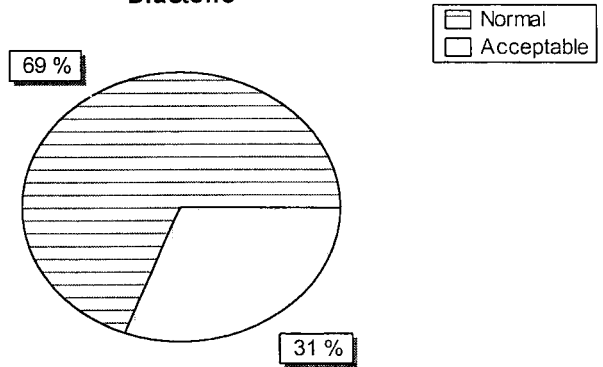


Awake:

Systolic

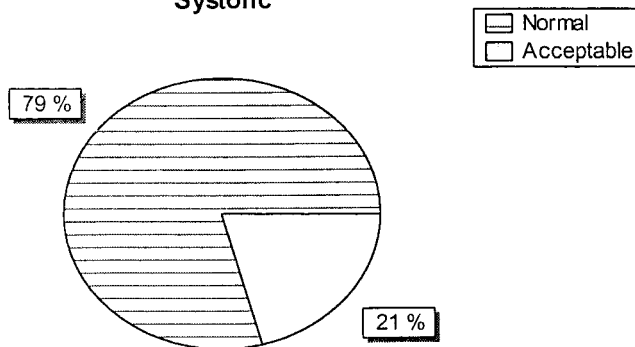


Diastolic

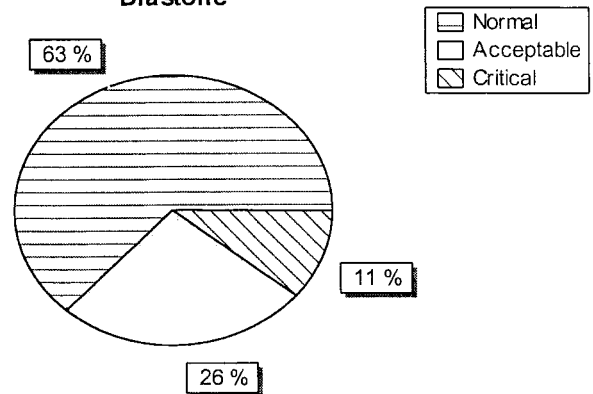


Asleep:

Systolic



Diastolic

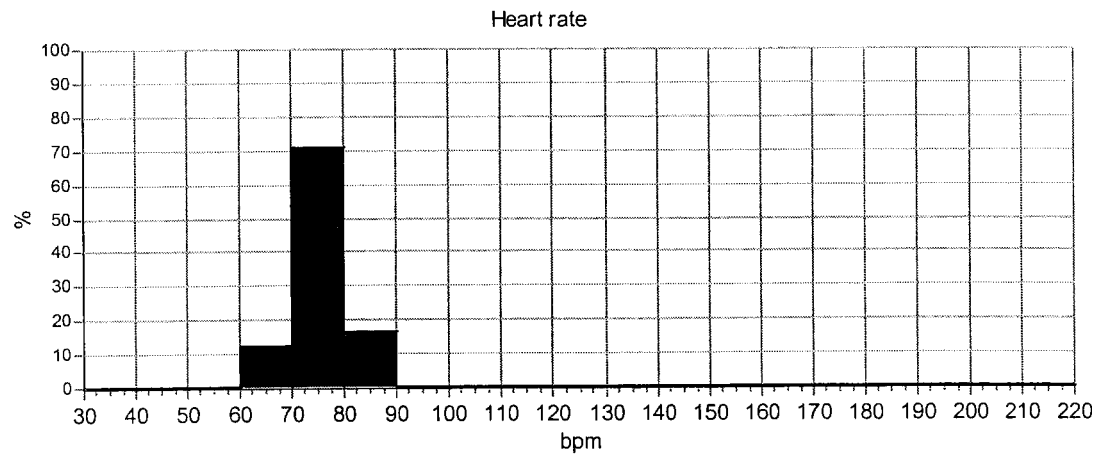
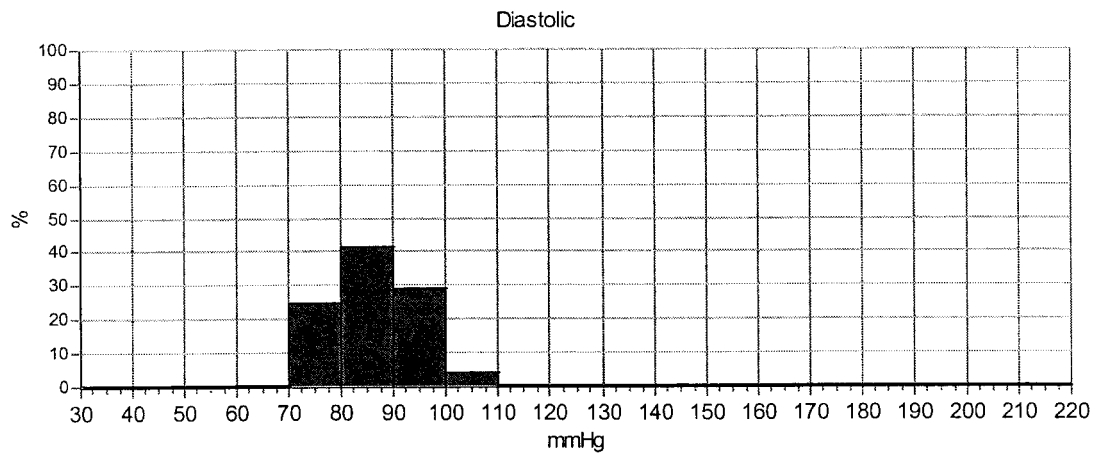
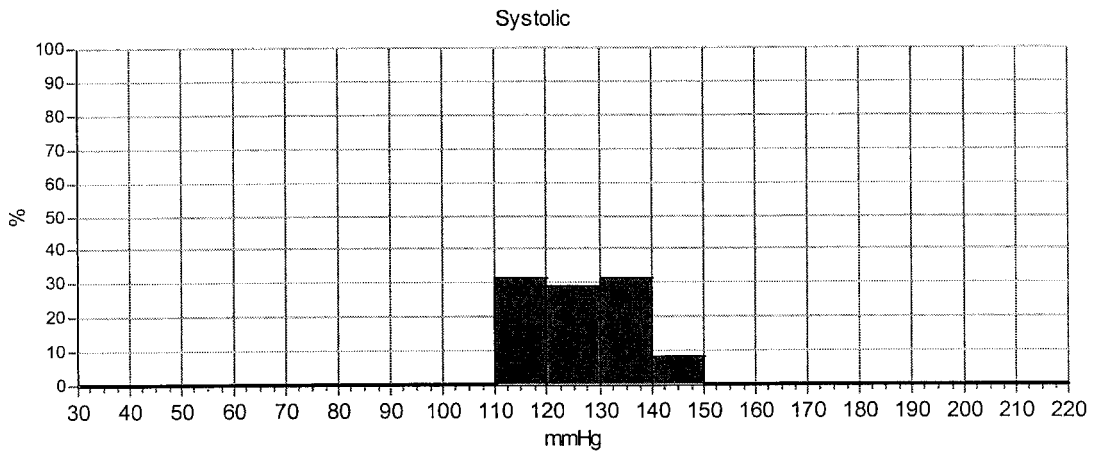


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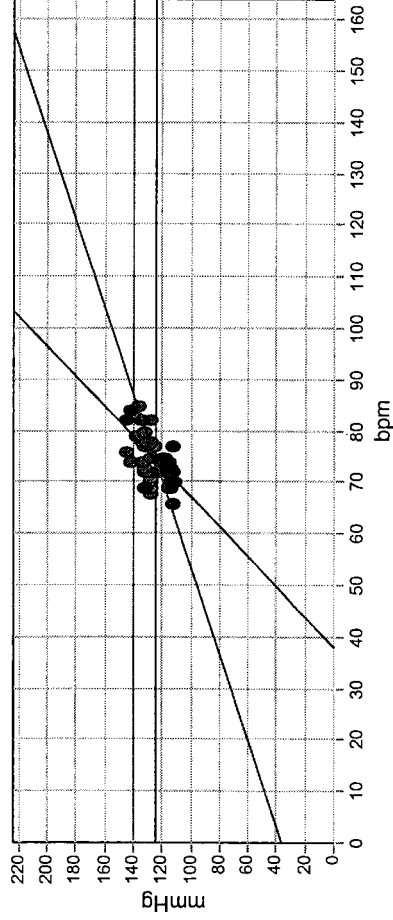
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Systolic against Heart rate

Correlation coefficient: 0.59
 Cloud's centre: 125.9 / 74.8

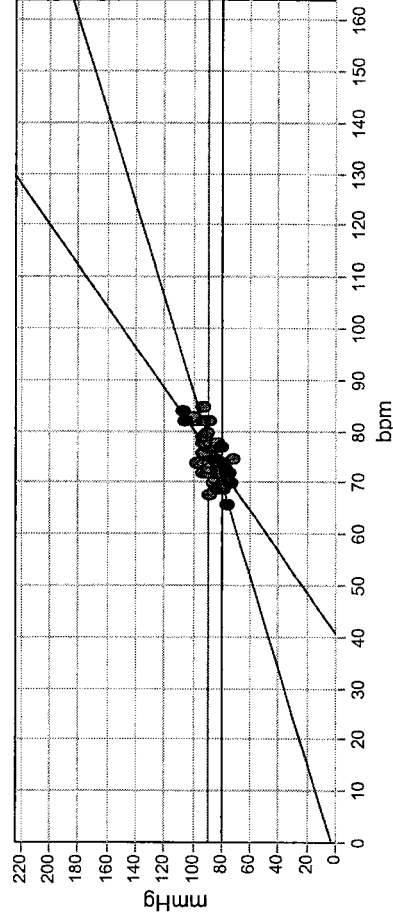
$$-y = 1.19x + 36.93 \quad -x = 0.29y + 38.06$$



Diastolic against Heart rate

Correlation coefficient: 0.66
 Cloud's centre: 85.8 / 74.8

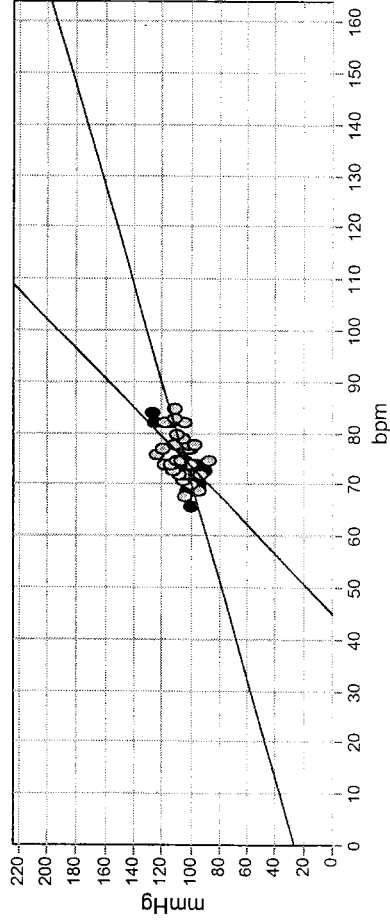
$$-y = 1.11x + 3.17 \quad -x = 0.40y + 40.78$$



Map against Heart rate

Correlation coefficient: 0.54
 Cloud's centre: 104.4 / 74.8

$$-y = 1.04x + 26.50 \quad -x = 0.29y + 45.04$$



Systolic against Diastolic

Correlation coefficient: 0.87
 Cloud's centre: 125.9 / 85.8

$$-y = 1.05x + 35.73 \quad -x = 0.72y + -4.63$$

