

FILE: Demo21

DATE: 5/9/1999

TIME: 13:00

ID: 1

PATIENT INFORMATION

NAME : Demo

ADDRESS :

PHONE :

SOC. SEC. :

MEDICARE :

INSURANCE :

AGE:

SEX:

HEIGHT:

WEIGHT:

MEDICATIONS:

COMMENTS:

PHYSICIAN INFORMATION

NAME : Dr.Demo

ADDRESS :

BP MODE: Oscillometric only

FULL SUMMARY

 Time interval: 25 hours, 13:00 5/9/1999 --> 14:00 5/10/1999

VALID READINGS = 100
 EXCLUDED READINGS = 2 (2.0%)

	MIN	MEAN	MAX	SD	SE	CV(%)
SYSTOLIC (mmHg)	84	133	174	19.73	1.97	14.85
DIASTOLIC (mmHg)	49	90	115	17.15	1.72	19.02
MAP (mmHg)	61	104	134	17.70	1.77	17.00
PULSE (BPM)	37	69	118	14.33	1.43	20.84

SYS/DIA Limits: Awake: 140/ 90 mmHg
 Sleep: 120/ 70 mmHg

Readings > SYS limit(s): 49.0%
 Readings > DIA limit(s): 74.0%

Highest Systolic value: 174 mmHg 16:00 5/9/1999
 Highest Diastolic value: 115 mmHg 16:00 5/9/1999
 Lowest Systolic value: 84 mmHg 3:15 5/10/1999
 Lowest Diastolic value: 49 mmHg 3:00 5/10/1999

 PARTIAL SUMMARY

Time interval: 6 hours, 04:00 5/10/1999 --> 10:00 5/10/1999

VALID READINGS = 24
 EXCLUDED READINGS = 1 (4.0%)

	MIN	MEAN	MAX	SD	SE	CV(%)
SYSTOLIC (mmHg)	87	117	146	17.12	3.49	14.68
DIASTOLIC (mmHg)	56	77	102	14.22	2.90	18.37
MAP (mmHg)	66	90	115	14.80	3.02	16.42
PULSE (BPM)	45	70	118	21.08	4.30	29.90

SYS/DIA Limits: Awake: 140/ 90 mmHg
 Sleep: 120/ 70 mmHg

Readings > SYS limit(s): 12.5%
 Readings > DIA limit(s): 37.5%

Highest Systolic value: 146 mmHg 9:45 5/10/1999
 Highest Diastolic value: 102 mmHg 9:30 5/10/1999
 Lowest Systolic value: 87 mmHg 4:15 5/10/1999
 Lowest Diastolic value: 56 mmHg 4:15 5/10/1999

BP MODE: Oscillometric only

AWAKE SUMMARY

 Time interval excluded: 22:00 --> 07:00

VALID READINGS = 64
 EXCLUDED READINGS = 2 (3.0%)

	MIN	MEAN	MAX	SD	SE	CV(%)
SYSTOLIC (mmHg)	114	143	174	11.02	1.38	7.68
DIASTOLIC (mmHg)	67	100	115	9.75	1.22	9.78
MAP (mmHg)	88	114	134	9.40	1.17	8.24
PULSE (BPM)	37	75	118	13.04	1.63	17.34

SYS values > 140 mmHg: 62.5%
 DIA values > 90 mmHg: 84.4%

Highest Systolic value: 174 mmHg 16:00 5/9/1999
 Highest Diastolic value: 115 mmHg 16:00 5/9/1999
 Lowest Systolic value: 114 mmHg 7:15 5/10/1999
 Lowest Diastolic value: 67 mmHg 9:00 5/10/1999

 SLEEP SUMMARY

Time interval: 22:00 --> 07:00

VALID READINGS = 36
 EXCLUDED READINGS = 0 (0.0%)

	MIN	MEAN	MAX	SD	SE	CV(%)
SYSTOLIC (mmHg)	84	114	151	17.87	2.98	15.66
DIASTOLIC (mmHg)	49	73	107	13.88	2.31	18.98
MAP (mmHg)	61	86	121	15.10	2.52	17.46
PULSE (BPM)	48	57	90	7.85	1.31	13.71

SYS values > 120 mmHg: 25.0%
 DIA values > 70 mmHg: 55.6%

Highest Systolic value: 151 mmHg 22:15 5/9/1999
 Highest Diastolic value: 107 mmHg 22:15 5/9/1999
 Lowest Systolic value: 84 mmHg 3:15 5/10/1999
 Lowest Diastolic value: 49 mmHg 3:00 5/10/1999

BP DATA

BP MODE: Oscillometric only

NO.	DATE	TIME	SYS	DIA	MAP	PUL	DP	STATUS	COMMENTS
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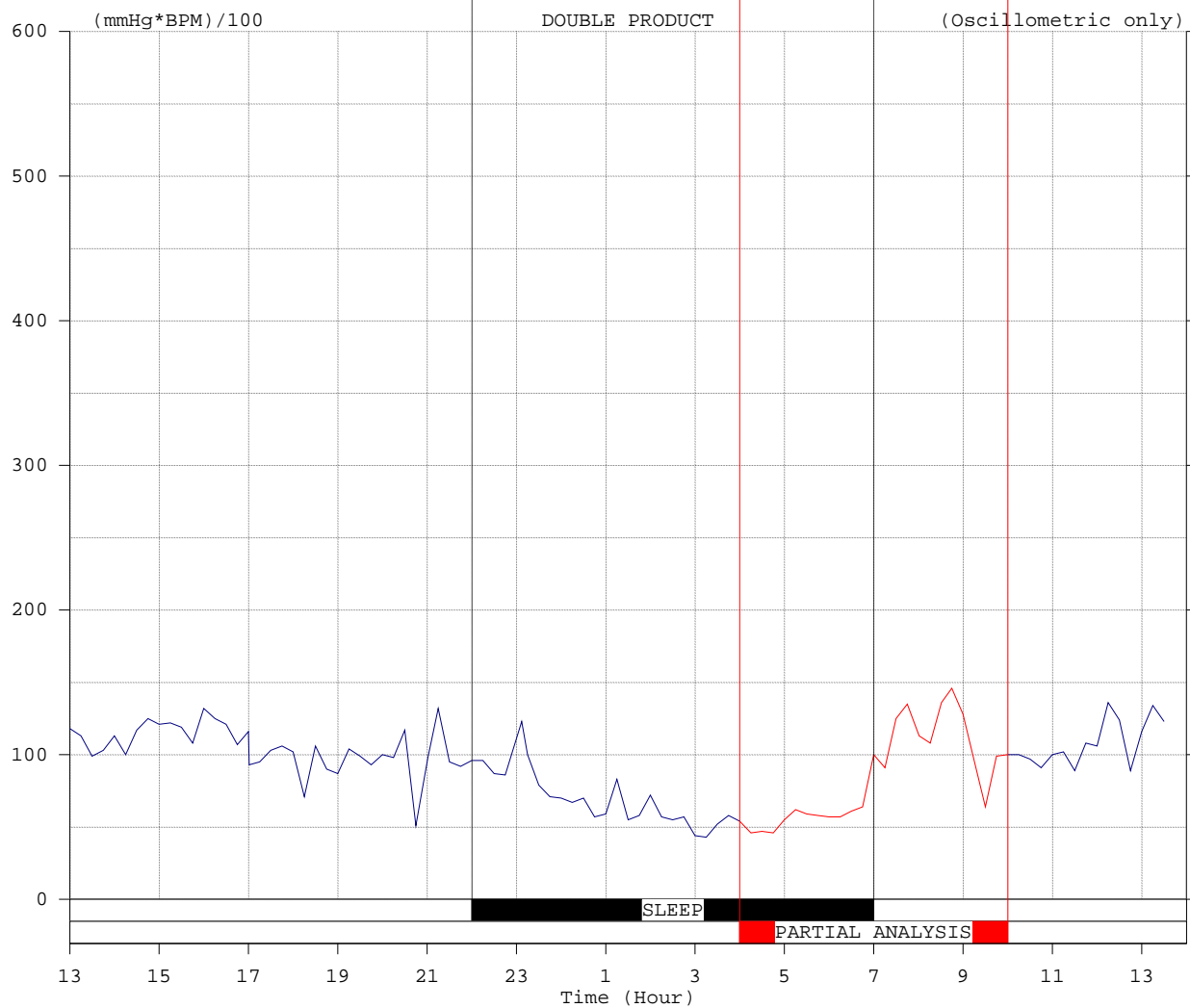
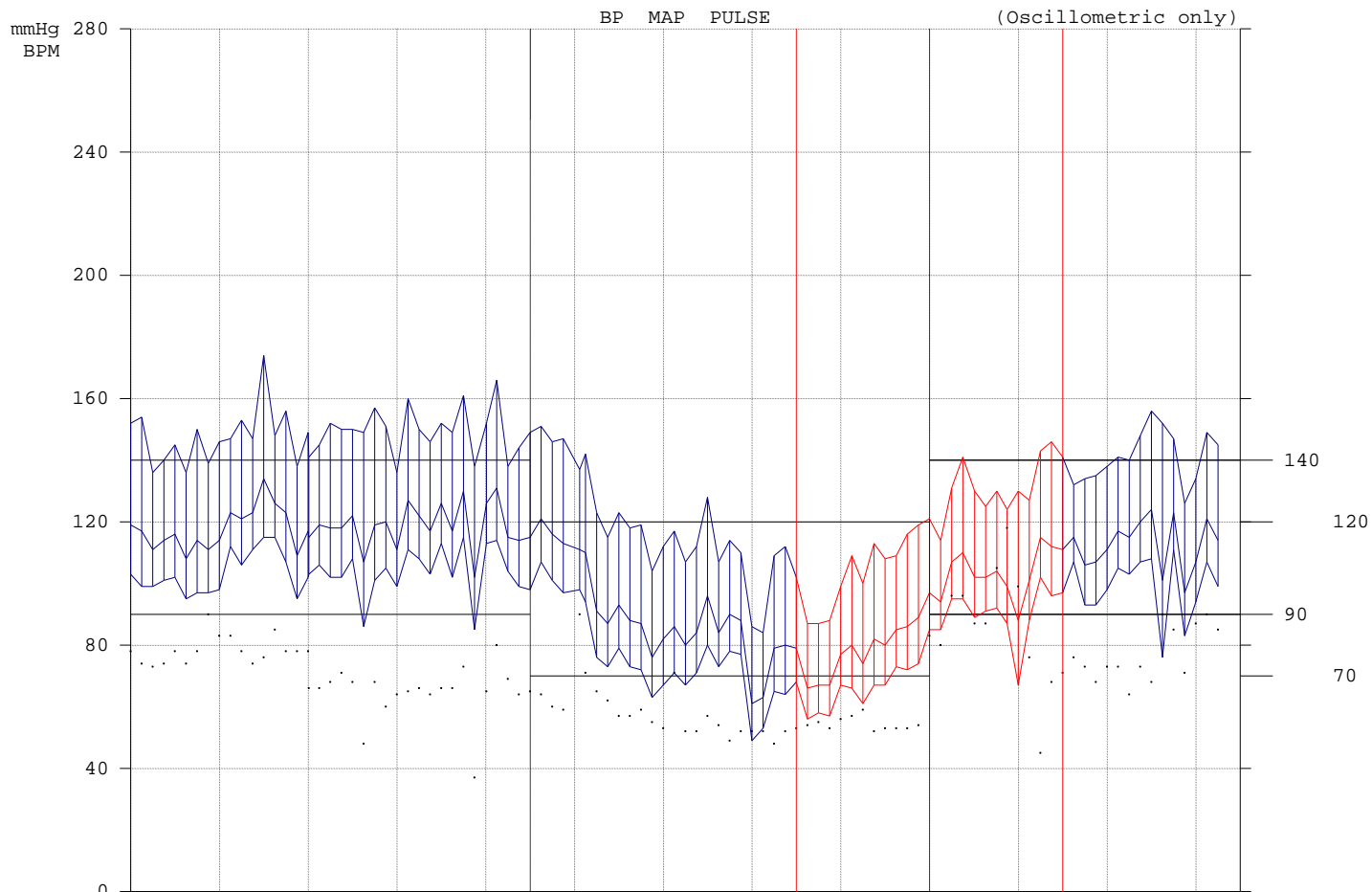
1	5/09	13:00	152	103	119	78	118	O - ---	
2	5/09	13:15	154	99	117	74	113	O - ---	
3	5/09	13:30	136	99	111	73	99	O - ---	
4	5/09	13:45	140	101	114	74	103	O - ---	
5	5/09	14:00	145	102	116	78	113	O - ---	
6	5/09	14:15	136	95	108	74	100	O - ---	
7	5/09	14:30	150	97	114	78	117	O - ---	
8	5/09	14:45	139	97	111	90	125	O - ---	
9	5/09	15:00	146	98	114	83	121	O - ---	
10	5/09	15:15	147	112	123	83	122	O - ---	
11	5/09	15:30	153	106	121	78	119	O - ---	
12	5/09	15:45	147	111	123	74	108	O - ---	
13	5/09	16:00	174	115	134	76	132	O - ---	
14	5/09	16:15	148	115	126	85	125	O - ---	
15	5/09	16:30	156	107	123	78	121	O - ---	
16	5/09	16:45	138	95	109	78	107	O - ---	
17	5/09	17:00	149	102	117	78	116	O - ---	
18	5/09	17:01	141	103	115	66	93	O E ---	
19	5/09	17:15	145	106	119	66	95	O - ---	
20	5/09	17:30	152	102	118	68	103	O - ---	
21	5/09	17:45	150	102	118	71	106	O - ---	
22	5/09	18:00	150	108	122	68	102	O - ---	
23	5/09	18:15	149	86	107	48	71	O E ---	
24	5/09	18:30	157	101	119	68	106	O - ---	
25	5/09	18:45	151	105	120	60	90	O - ---	
26	5/09	19:00	136	99	111	64	87	O - ---	
27	5/09	19:15	160	111	127	65	104	O E ---	
28	5/09	19:30	150	108	122	66	99	O E ---	
29	5/09	19:45	146	103	117	64	93	O - ---	
30	5/09	20:00	152	113	126	66	100	O - ---	
31	5/09	20:15	149	102	117	66	98	O - ---	
32	5/09	20:30	161	115	130	73	117	O - ---	
33	5/09	20:45	138	85	102	37	51	O E ---	
34	5/09	21:00	***	***	***	***	***	O - 7x	STOP key was pressed
35	5/09	21:01	152	113	126	65	98	O E ---	
36	5/09	21:15	166	114	131	80	132	O E ---	
37	5/09	21:30	138	104	115	69	95	O E ---	
38	5/09	21:45	144	99	114	64	92	O - ---	
39	5/09	22:00	149	98	115	65	96	O - ---	
40	5/09	22:15	151	107	121	64	96	O - ---	
41	5/09	22:30	146	101	116	60	87	O - ---	
42	5/09	22:45	147	97	113	59	86	O - ---	
43	5/09	23:07	137	98	111	90	123	O E ---	
44	5/09	23:15	142	94	110	71	100	O - ---	
45	5/09	23:30	123	76	91	65	79	O - ---	
46	5/09	23:45	115	73	87	62	71	O - ---	
47	5/10	0:00	123	79	93	57	70	O - ---	
48	5/10	0:15	118	73	88	57	67	O - ---	
49	5/10	0:30	119	72	87	59	70	O - ---	
50	5/10	0:45	104	63	76	55	57	O - ---	
51	5/10	1:00	112	67	82	53	59	O - ---	
52	5/10	1:15	117	71	86	71	83	O - ---	

BP DATA

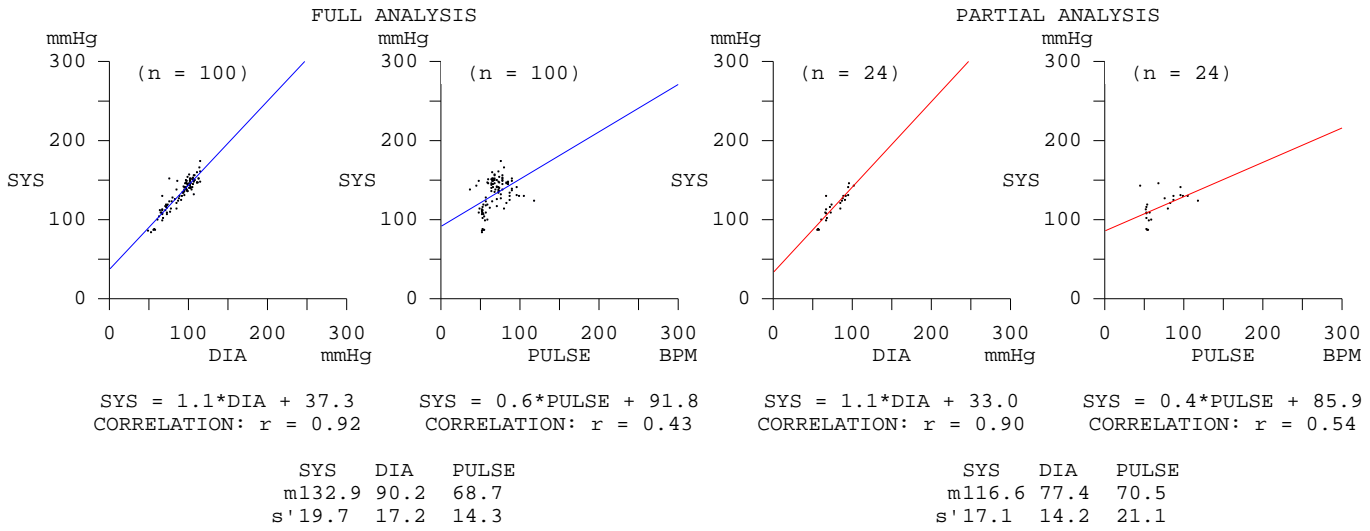
BP MODE: Oscillometric only

NO.	DATE	TIME	SYS	DIA	MAP	PUL	DP	STATUS	COMMENTS
53	5/10	1:30	107	67	80	52	55	O - ---	
54	5/10	1:45	112	71	84	52	58	O - ---	
55	5/10	2:00	128	80	96	57	72	O - ---	
56	5/10	2:15	107	73	84	54	57	O - ---	
57	5/10	2:30	114	78	90	49	55	O - ---	
58	5/10	2:45	110	77	88	52	57	O E ---	
59	5/10	3:00	86	49	61	52	44	O E ---	
60	5/10	3:15	84	53	63	52	43	O - ---	
61	5/10	3:30	109	65	79	48	52	O - ---	
62	5/10	3:45	112	64	80	52	58	O - ---	
63	5/10	4:00	102	68	79	53	54	O - ---	
64	5/10	4:15	87	56	66	54	46	O E ---	
65	5/10	4:30	87	58	67	55	47	O - ---	
66	5/10	4:45	88	57	67	53	46	O - ---	
67	5/10	5:00	99	67	77	56	55	O - ---	
68	5/10	5:15	109	66	80	57	62	O - ---	
69	5/10	5:30	100	61	74	59	59	O - ---	
70	5/10	5:45	113	67	82	52	58	O - ---	
71	5/10	6:00	108	67	80	53	57	O - ---	
72	5/10	6:15	109	73	85	53	57	O - ---	
73	5/10	6:30	116	72	86	53	61	O - ---	
74	5/10	6:45	119	74	89	54	64	O - ---	
75	5/10	7:00	121	85	97	83	100	O - ---	
76	5/10	7:15	114	85	94	80	91	O E ---	
77	5/10	7:30	131	95	107	96	125	O - ---	
78	5/10	7:45	141	95	110	96	135	O - ---	
79	5/10	8:00	***	***	***	***	***	O - 22x	SYS<60 or >280 mmHg
80	5/10	8:01	130	89	102	87	113	O E ---	
81	5/10	8:16	125	91	102	87	108	O E ---	
82	5/10	8:31	130	92	104	105	136	O E ---	
83	5/10	8:45	124	87	99	118	146	O - ---	
84	5/10	9:00	130	67	88	99	128	O E ---	
85	5/10	9:15	127	88	101	76	96	O - ---	
86	5/10	9:30	143	102	115	45	64	O - ---	
87	5/10	9:45	146	96	112	68	99	O - ---	
88	5/10	10:00	141	97	111	71	100	O - ---	
89	5/10	10:15	132	107	115	76	100	O - ---	
90	5/10	10:30	134	93	106	73	97	O - ---	
91	5/10	10:45	135	93	107	68	91	O - ---	
92	5/10	11:00	138	98	111	73	100	O - ---	
93	5/10	11:15	141	105	117	73	102	O - ---	
94	5/10	11:30	140	103	115	64	89	O - ---	
95	5/10	11:45	148	107	120	73	108	O - ---	
96	5/10	12:00	156	108	124	68	106	O - ---	
97	5/10	12:15	152	76	101	90	136	O - ---	
98	5/10	12:30	147	111	123	85	124	O - ---	
99	5/10	12:45	126	83	97	71	89	O - ---	
100	5/10	13:00	134	94	107	87	116	O - ---	
101	5/10	13:15	149	107	121	90	134	O - ---	
102	5/10	13:30	145	99	114	85	123	O - ---	

Demo21 : Demo 5/9/1999

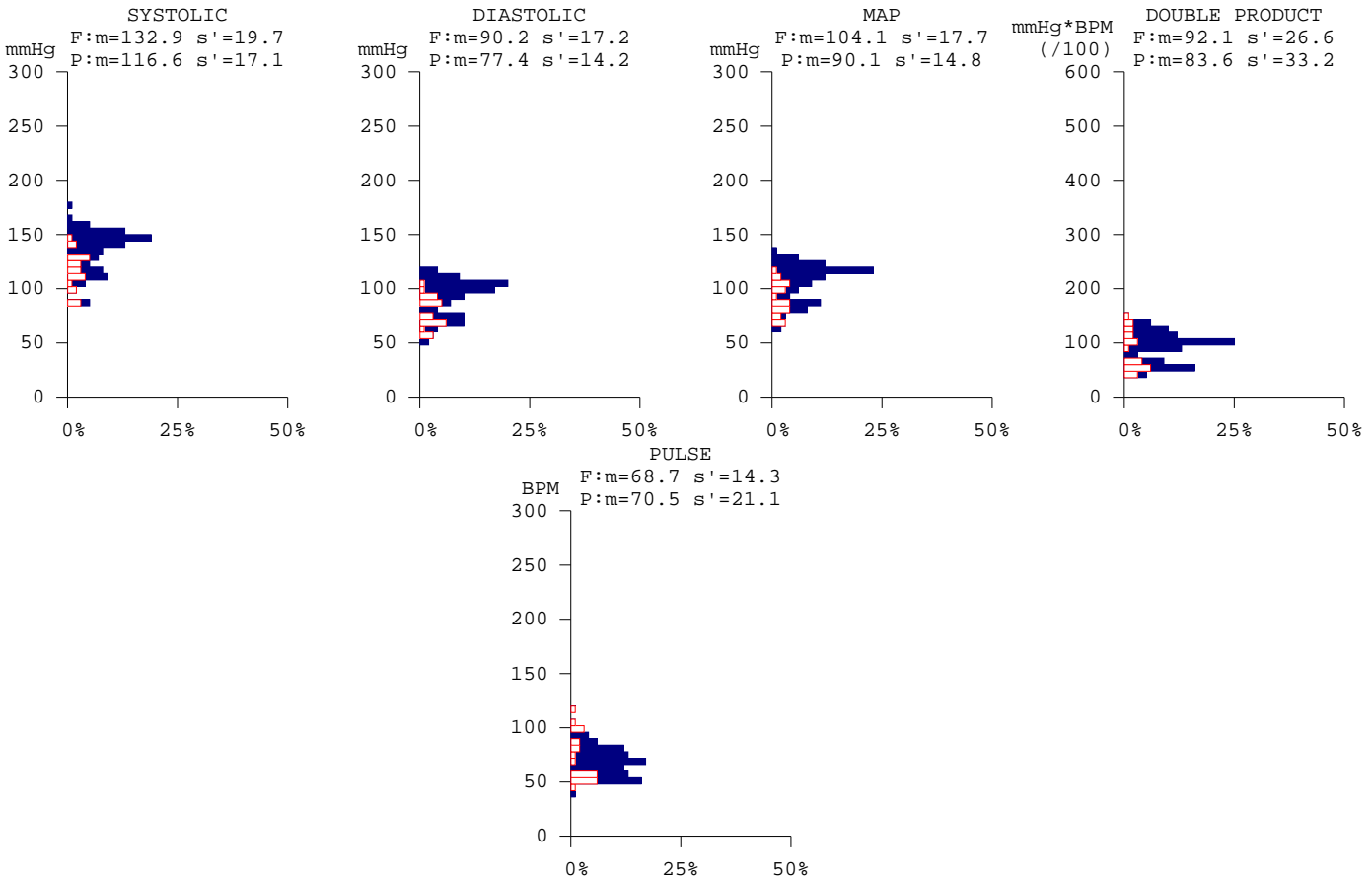


CORRELATION PLOTS



Oscillometric only

HISTOGRAM PLOTS

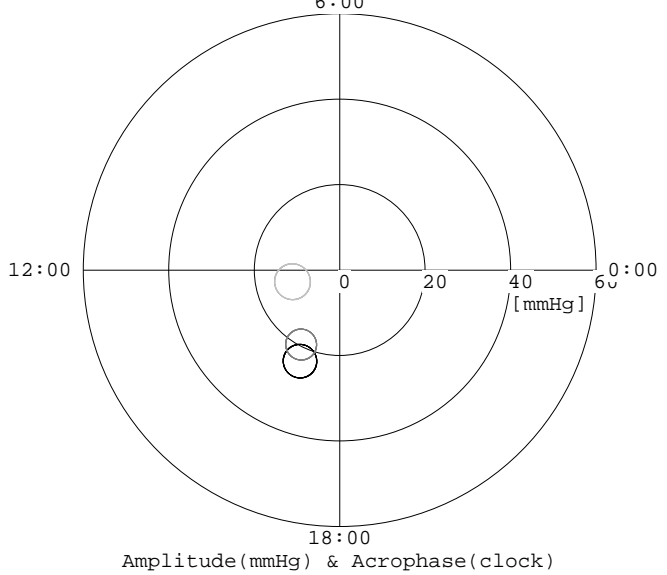
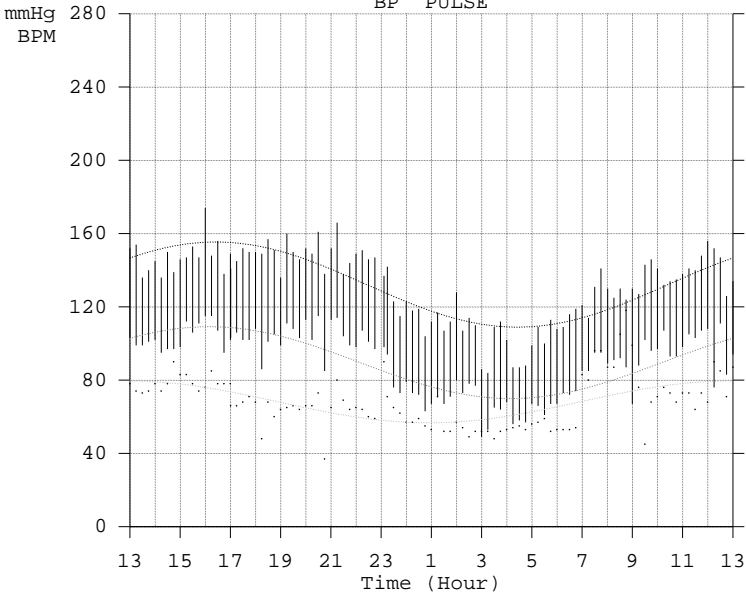


Oscillometric only

CIRCADIAN RHYTHM PLOT

Cosinor Analysis
BP PULSE

95% Confidence Interval
6:00



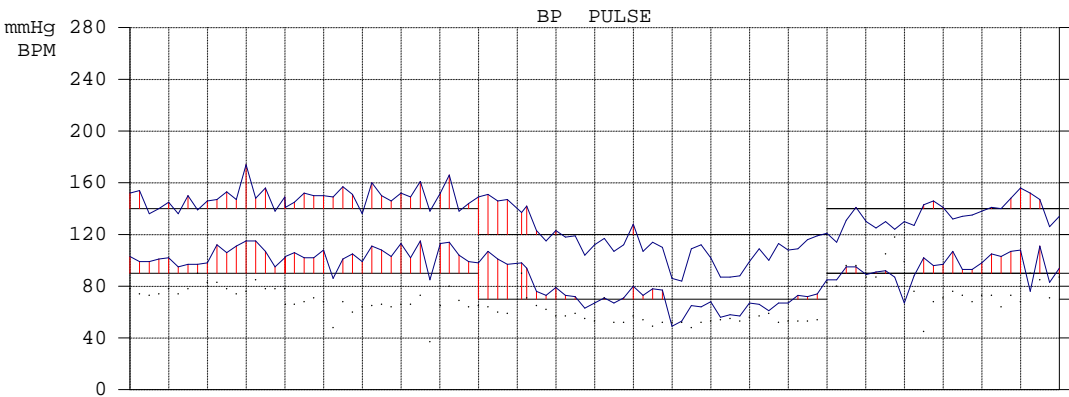
Cosinor Analysis

	MESOR(+/-c.i.)	Amp.(+/-c.i.)	Acrophase(+/-c.i.)
SBP:	132.2(1.9)	23.2(3.9/- 3.9)	16:25(39/- 39 min)
DBP:	89.6(1.7)	19.6(3.6/- 3.6)	16:10(43/- 43 min)
PUL:	68.2(2.0)	11.4(4.2/- 4.2)	12:54(87/- 86 min)

Percent Rhythm			Variation Index	
SBP:	0.698		SBP:	29.9%
DBP:	0.660		DBP:	35.9%
PUL:	0.327			

Oscillometric only

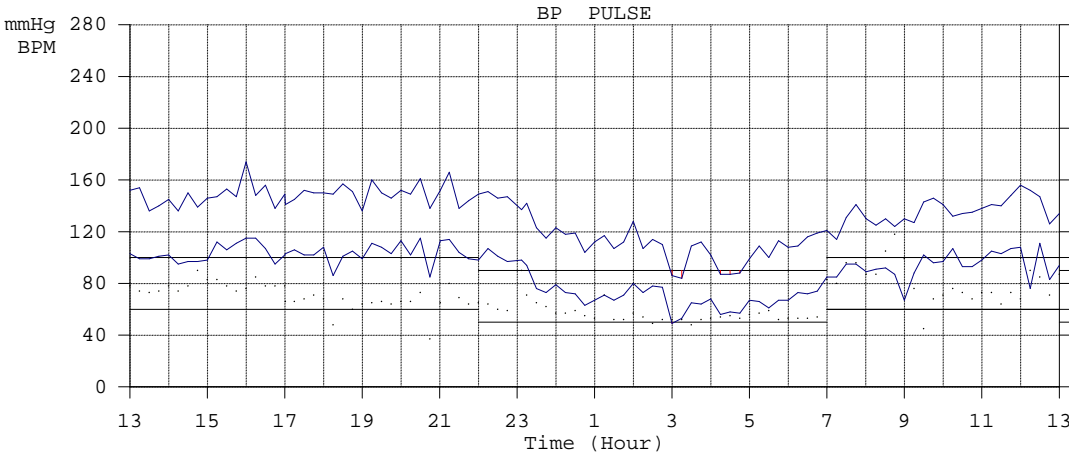
HBI ANALYSIS PLOTS
HYPERBALIC AREA



SBP > 140 mmHg +
SBP > 120 mmHg
132.8 mmHg.h/day

DBP > 90 mmHg +
DBP > 70 mmHg
216.2 mmHg.h/day

HYPOBALIC AREA



SBP < 100 mmHg +
SBP < 90 mmHg
3.0 mmHg.h/day

DBP < 60 mmHg +
DBP < 50 mmHg
0.0 mmHg.h/day

Oscillometric only