



# ABPM Report

## Patient Information

<b>Name</b>	Jane Brown	<b>Primary physician</b>	Dr. William Smith
<b>Patient ID</b>	SMI00112		
<b>Date of birth,</b>	Monday, March 14, 1955, 67 in,	<b>Interpreting physician</b>	Dr. William Smith
<b>Height, Weight</b>	167 lb		

## Statistical Overview

<b>Start Time</b>	Monday, December 07, 2009, 9:24
<b>Stop Time</b>	Tuesday, December 08, 2009, 9:15
<b>Duration</b>	23 Hours
<b>Measurements</b>	88 Total: 76 Included, 1 Excluded, 2 Events, 9 Errors

Complete (88 Total: 76 Included, 1 Excluded, 2 Events, 9 Errors)				
	Min	Mean	Max	StdDev
<b>Systolic</b>	114	135.7	168	11.4
<b>Diastolic</b>	72	88.4	100	6.4
<b>Pulse</b>	44	59.1	76	7.3
<b>MAP</b>	85	107.9	125	9.1
<b>Pulse Pressure</b>	26	47.3	71	8.5
<b>Rate Pressure Product</b>	1222	2826.0	4940	751.3
<b>AASI (R<sup>2</sup>)</b>		0.62 (45%)		
<b>Actigraphy</b>	0.01	0.52	2.92	0.73
<b>Actigraphy, Filtered</b>	0.01	0.44	2.69	0.57
<b>Actigraphy State</b>	12% Minimal, 34% Medium, 53% Active			
<b>Systolic &gt; 140 mmHg</b>	38.2 %			
<b>Diastolic &gt; 95 mmHg</b>	14.5 %			

Mean Difference between Awake and Asleep		
	Δ mmHg	% drop
<b>Systolic</b>	14.3	10 %
<b>Diastolic</b>	6.5	7 %
<b>Pulse</b>	10.7	17 %
<b>MAP</b>	11.9	10 %
<b>Pulse Pressure</b>	7.8	16 %
<b>Rate Pressure Product</b>	944.5	31 %
<b>Normality</b>	High Normal	
<b>Dipper Status</b>	Normal Dipper	
<b>White-coat</b>	Not Detected	



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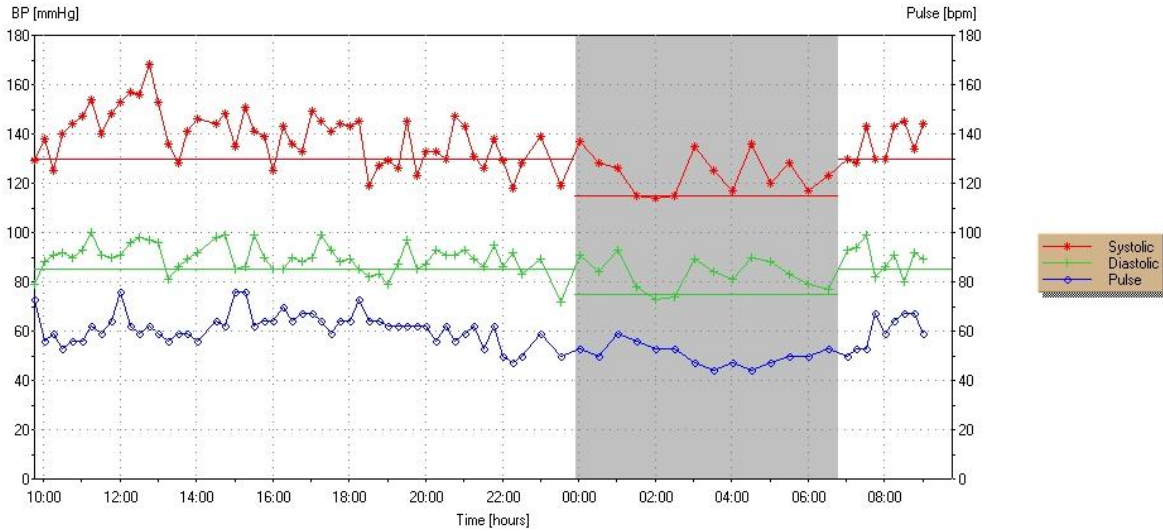
Awake (73 Total: 62 Included, 1 Excluded, 2 Events, 8 Errors)				
	Min	Mean	Max	StdDev
<b>Systolic</b>	118	138.3	168	10.4
<b>Diastolic</b>	72	89.6	100	5.8
<b>Pulse</b>	47	61.1	76	6.4
<b>MAP</b>	93	110.1	125	7.8
<b>Pulse Pressure</b>	26	48.7	71	8.5
<b>Rate Pressure Product</b>	1222	3000.0	4940	715.4
<b>Actigraphy</b>	0.01	0.71	2.92	0.79
<b>Actigraphy, Filtered</b>	0.01	0.61	2.69	0.60
<b>Actigraphy State</b>	2% Minimal, 22% Medium, 75% Active			
<b>Systolic &gt; 130 mmHg</b>	69.4 %			
<b>Diastolic &gt; 85 mmHg</b>	77.4 %			

Asleep (15 Total: 14 Included, 0 Excluded, 0 Events, 1 Errors)				
	Min	Mean	Max	StdDev
<b>Systolic</b>	114	124.0	137	8.1
<b>Diastolic</b>	73	83.1	93	6.4
<b>Pulse</b>	44	50.4	59	4.4
<b>MAP</b>	85	98.2	111	8.0
<b>Pulse Pressure</b>	32	40.9	46	5.0
<b>Rate Pressure Product</b>	1504	2055.5	2438	267.0
<b>Actigraphy</b>	0.01	0.04	0.50	0.06
<b>Actigraphy, Filtered</b>	0.01	0.03	0.06	0.01
<b>Actigraphy State</b>	36% Minimal, 63% Medium, 0% Active			
<b>Systolic &gt; 115 mmHg</b>	78.6 %			
<b>Diastolic &gt; 75 mmHg</b>	85.7 %			

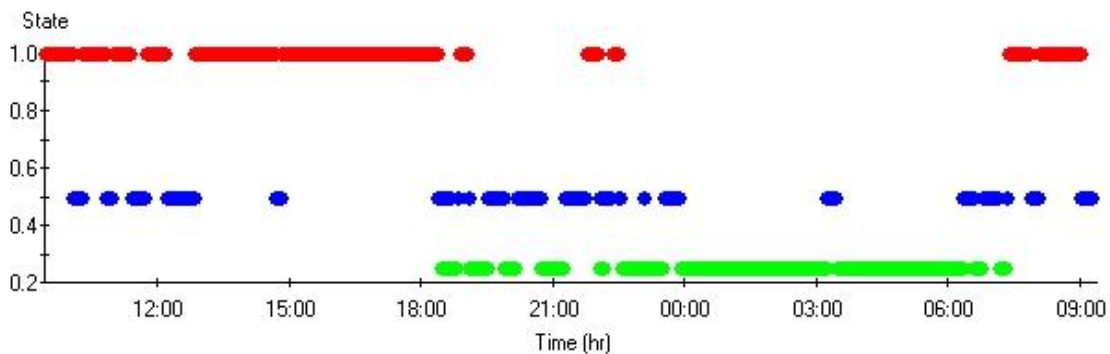
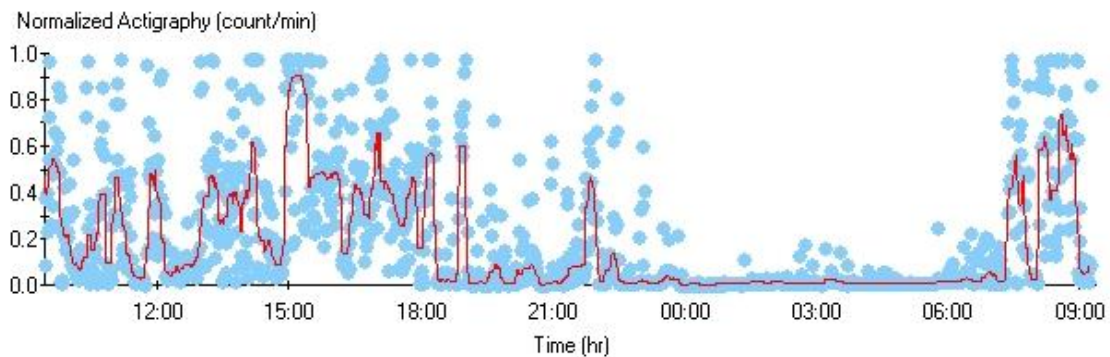


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### Blood Pressure Graph



### Actigraphy and State Graphs



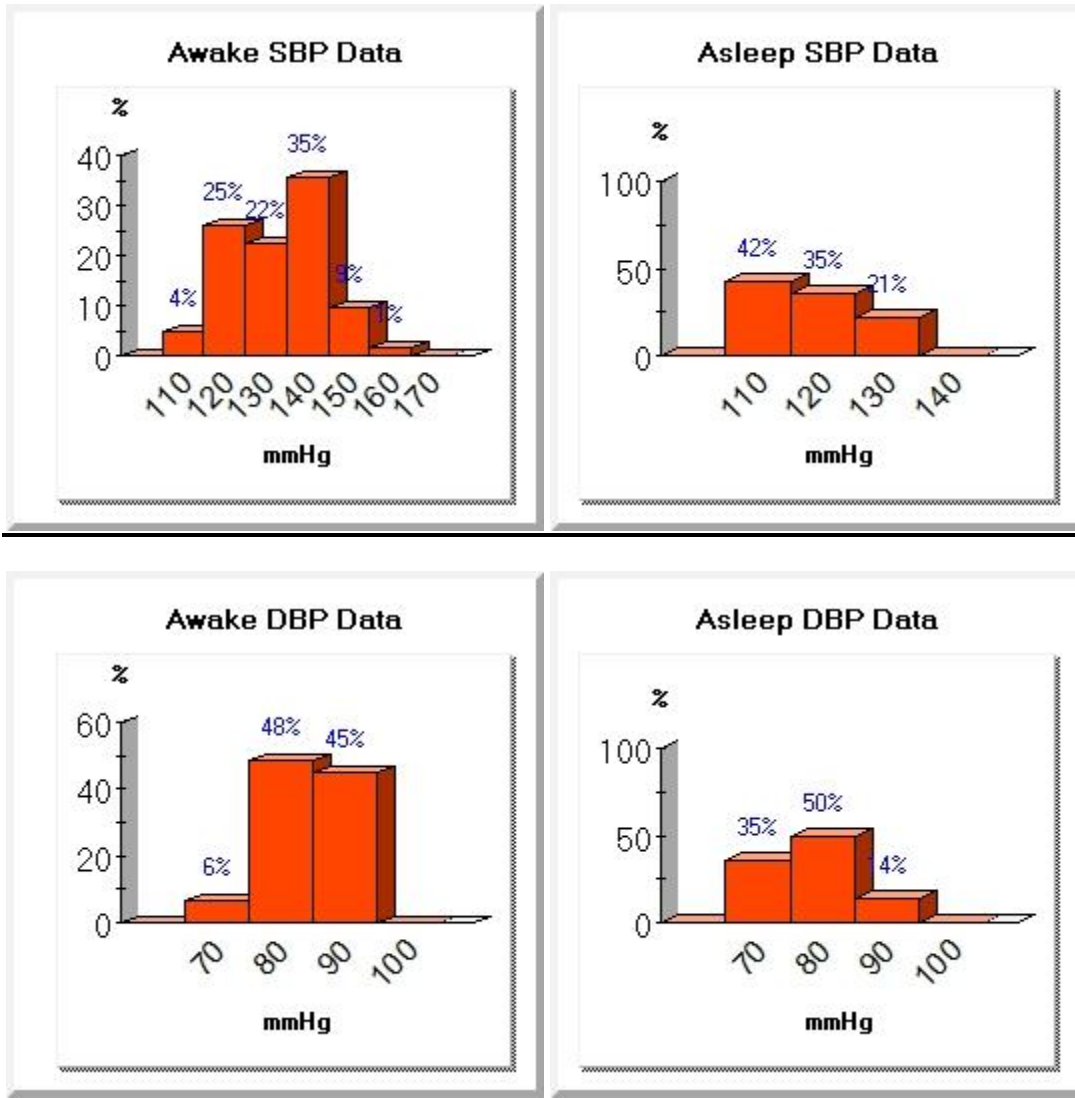
Awake time : 6:47

Asleep time : 23:54



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**Histograms**





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## Measurement Data

Monday, December 07, 2009

Time	Events	Systolic mmHg	Diastolic mmHg	Pulse bpm	MAP	Remarks	Event Description
9:27	0x4000	139	79	29	97		User initiated measurement, Excluded
9:46	0x0000	129	79	73	101		Scheduled measurement
10:01	0x0000	138	88	56	110		Scheduled measurement
10:16	0x0000	125	91	59	103		Scheduled measurement
10:30	0x0000	140	92	53	111		Scheduled measurement
10:46	0x0000	144	90	56	121		Scheduled measurement
11:01	0x0000	147	93	56	119		Scheduled measurement
11:16	0x0000	154	100	62	118		Scheduled measurement
11:31	0x0000	140	91	59	109		Scheduled measurement
11:46	0x2000	148	90	64	110		Scheduled measurement, Retried
12:01	0x0000	153	91	76	125		Scheduled measurement
12:16	0x0000	157	96	62	120		Scheduled measurement
12:31	0x0000	156	98	59	118		Scheduled measurement
12:46	0x0000	168	97	62	123		Scheduled measurement
13:01	0x0000	153	96	59	123		Scheduled measurement
13:16	0x0000	136	81	56	103		Scheduled measurement
13:31	0x0000	128	86	59	100		Scheduled measurement
13:46	0x0000	141	89	59	108		Scheduled measurement
14:02	0x2000	146	92	56	105		Scheduled measurement, Retried
14:31	0x0000	144	98	64	122		Scheduled measurement
14:46	0x0000	148	99	62	115		Scheduled measurement
15:01	0x0000	135	85	76	103		Scheduled measurement
15:16	0x0000	151	86	76	110		Scheduled measurement
15:31	0x0000	141	99	62	122		Scheduled measurement
15:46	0x0000	139	90	64	109		Scheduled measurement
16:01	0x0000	125	85	64	100		Scheduled measurement
16:16	0x0000	143	85	70	114		Scheduled measurement
16:31	0x0000	136	90	64	114		Scheduled measurement
16:46	0x0000	133	88	67	116		Scheduled measurement
17:01	0x0000	149	90	67	106		Scheduled measurement
17:16	0x0000	145	99	64	115		Scheduled measurement
17:31	0x0000	141	93	59	109		Scheduled measurement
17:46	0x0000	144	88	64	110		Scheduled measurement
18:01	0x0000	143	89	64	112		Scheduled measurement
18:16	0x0000	145	85	73	107		Scheduled measurement
18:31	0x0000	119	82	64	93		Scheduled measurement
18:46	0x0000	127	83	64	101		Scheduled measurement
19:01	0x0000	129	79	62	105		Scheduled measurement



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19:16	0x0000	126	87	62	100		Scheduled measurement
19:31	0x0000	145	97	62	117		Scheduled measurement
19:47	0x2000	123	85	62	100		Scheduled measurement, Retried
20:01	0x0000	133	87	62	108		Scheduled measurement
20:16	0x0000	133	93	56	105		Scheduled measurement
20:31	0x0000	130	91	62	111		Scheduled measurement
20:46	0x0000	147	91	56	109		Scheduled measurement
21:01	0x0000	143	93	59	118		Scheduled measurement
21:16	0x0000	131	89	62	110		Scheduled measurement
21:31	0x2000	126	86	53	97		Scheduled measurement, Retried
21:46	0x0000	138	95	62	110		Scheduled measurement
22:01	0x0000	129	86	50	101		Scheduled measurement
22:16	0x0000	118	92	47	99		Scheduled measurement
22:30	0x0000	128	83	50	99		Scheduled measurement
23:01	0x2000	139	89	59	122		Scheduled measurement, Retried
23:31	0x0000	119	72	50	97		Scheduled measurement

**Tuesday, December 08, 2009**

Time	Events	Systolic mmHg	Diastolic mmHg	Pulse bpm	MAP	Remarks	Event Description
0:01	0x0000	137	91	53	110		Scheduled measurement
0:31	0x0000	128	84	50	99		Scheduled measurement
1:01	0x0000	126	93	59	107		Scheduled measurement
1:30	0x0000	115	78	56	92		Scheduled measurement
2:01	0x0000	114	73	53	92		Scheduled measurement
2:31	0x0000	115	74	53	85		Scheduled measurement
3:01	0x0000	135	89	47	111		Scheduled measurement
3:32	0x2000	125	84	44	98		Scheduled measurement, Retried
4:01	0x0000	117	81	47	92		Scheduled measurement
4:31	0x0000	136	90	44	107		Scheduled measurement
5:01	0x0000	120	88	47	100		Scheduled measurement
5:30	0x0000	128	83	50	97		Scheduled measurement
6:01	0x0000	117	79	50	89		Scheduled measurement
6:31	0x0000	123	77	53	96		Scheduled measurement
7:01	0x0000	130	93	50	106		Scheduled measurement
7:16	0x0000	128	94	53	108		Scheduled measurement
7:31	0x0000	143	99	53	114		Scheduled measurement
7:46	0x0000	130	82	67	116		Scheduled measurement
8:01	0x0000	130	86	59	106		Scheduled measurement
8:15	0x0000	143	91	64	111		Scheduled measurement
8:31	0x0000	145	80	67	119		Scheduled measurement
8:46	0x0000	134	92	67	121		Scheduled measurement
9:01	0x0000	144	89	59	110		Scheduled measurement



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## Diagnostic summary

An Ambulatory Blood Pressure Monitoring procedure was conducted upon Jane Brown beginning at 9:24 on Monday, December 07, 2009 and ending at 9:15 on Tuesday, December 08, 2009. Out of the 88 collected blood pressure readings, 76 were determined to be valid measurements without error. The results of the procedure are as follows:

- The Maximum systolic blood pressure that was recorded was 168 mmHg, and occurred at 12:46 (Monday, December 07, 2009).
- The Maximum diastolic blood pressure that was recorded was 100 mmHg, and occurred at 11:16 (Monday, December 07, 2009).
- The Maximum pulse rate that was recorded was 76 BPM, and occurred at 12:01 (Monday, December 07, 2009).
- The Minimum systolic blood pressure that was recorded was 114 mmHg, and occurred at 2:01 (Tuesday, December 08, 2009).
- The Minimum diastolic blood pressure that was recorded was 72 mmHg, and occurred at 23:31 (Monday, December 07, 2009).
- The Minimum pulse rate that was recorded was 44 BPM, and occurred at 3:32 (Tuesday, December 08, 2009).

### Systolic Synopsis:

For all measurements, 38.2 % of systolic blood pressure readings exceeded the set limit of 140 mmHg. While the patient was awake, 69.4 % of systolic readings exceeded the set limit of 130 mmHg. While the patient was asleep, 78.6 % of systolic readings exceeded the set limit of 115 mmHg.

### Diastolic Synopsis:

For all measurements, 14.5 % of diastolic blood pressure readings exceeded the set limit of 95 mmHg. While the patient was awake, 77.4 % of diastolic readings exceeded the set limit of 85 mmHg. While the patient was asleep, 85.7 % of diastolic readings exceeded the set limit of 75 mmHg.

## Medications

Medication	Dosage	Frequency	Notes
No medication Entered			