

Ref No:

Date:	17-Oct-2012	BProG2ID:	GT200030
Given Names:	test	Family Name:	patient 2
ID No. :	S112065Z	DOB:	19-Oct-1970
Ethnic / Race:	Chinese	Gender (M/F):	Female
Weight (kg):	100	Height (cm):	163
Contact No.:	0	Done By:	

### Summary

<b>Start</b>	Date:	17-Oct-2012	Time:	16:26	<b>No. of BP Recording:</b>	86
<b>End</b>	Date:	18-Oct-2012	Time:	16:13	(No. of valid daytime BP > 14 required in NICE guidelines)	

<b>Calibration Values:</b>	Systolic:	122	mmHg	<b>Systolic Pressure Load:</b>	Daytime:	2.6
	Diastolic:	90	mmHg		Nighttime:	8.7

BP Values	Systolic / Diastolic	R	A	G
Ave. 24 - hr BP (PP)	117 / 87 (30)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Ave. Day BP (PP)	120 / 89 (31)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Ave. Night BP (PP)	109 / 81 (28)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
% Dip	9.20	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Max Systolic (Time)	139 (19:56)			
Min Systolic (Time)	98 (00:42)			

Reference Values for ABPM Status	
	Average Day BP (mmHg)
Stage 1 Hypertension	SYS > 135, DIA > 85
Stage 2 Hypertension	SYS > 150, DIA > 95

Based on NICE guidelines  
 Legend: R - Red  
 A - Amber  
 G - Green

PP denotes Pulse Pressure

### Medical Record

<input type="checkbox"/> No	Diabetes Mellitus	<input type="checkbox"/> Yes	Hypertension
<input type="checkbox"/> Yes	Coronary Artery Disease	<input type="checkbox"/> No	High Cholesterol
<input type="checkbox"/> No	Target Organ Damage	<input type="checkbox"/> Yes	Smoker
<input type="checkbox"/> No	Renal Disease	<input type="checkbox"/> No	Ex-Smoker

Ex-Smoker: 0 year(s)

Others (specify): \_\_\_\_\_

Medication: \_\_\_\_\_

### Comments

**Disclaimer:** This report is for professional interpretation only. No information or comments generated by this report shall be regarded as a diagnosis, and shall not be referred to as a recommendation of treatment.

 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed By:

Signature:

Date:

## References

### Reference Values for ABPM Status

	Average Day BP (mmHg)
<b>Stage 1 Hypertension</b>	<b>SYS &gt; 135, DIA &gt; 85</b>
<b>Stage 2 Hypertension</b>	<b>SYS &gt; 150, DIA &gt; 95</b>

Based on NICE guidelines (CG127)

BP Values	Systolic	Diastolic		
Ave. 24 - hr BP (PP)	<= 130	<= 80	●	G
	130 to 150	<= 90	●	A
	> 150	> 90	●	R
Ave. Day BP	<= 135	<= 85	●	G
	135 to 155	<= 95	●	A
	> 155	> 95	●	R
Ave. Night BP	<= 120	<= 70	●	G
	120 to 140	<= 90	●	A
	> 140	> 90	●	R

Based on NICE guidelines (CG127)

### Reference Values for Dipper Status

<= 0%	Reverse Dipper	●	R
0% to 10%	Non-Dipper	●	A
10% to 15%	Normal-Dipper	●	G
> 15%	Extreme Dipper	●	R

Calculation:

$$\% \text{ Dip} = \frac{(\text{Ave Day Systolic BP} - \text{Ave. Night Systolic BP}) \times 100\%}{\text{Ave. Day Systolic BP}}$$

R - denoted Red    A - denotes Amber    G - denotes Green

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Family Name : patient 2

Start Date : 17-Oct-2012

Start Time : 16:26

**Table1: 24-hour BP Data**

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
17-Oct-2012	16:26:00	122	90	82	101	32	
	16:42:00	112	83	76	93	29	
	16:56:00	114	85	74	95	29	
	17:13:00	0	0	0	0	0	Code(5)
	17:26:00	107	81	67	90	26	
	17:43:00	0	0	0	0	0	Code(5)
	17:58:00	0	0	0	0	0	Code(5)
	18:11:00	117	88	72	98	29	
	18:28:00	119	88	73	98	31	
	18:42:00	120	89	72	99	31	
	18:56:00	116	87	72	97	29	
	19:13:00	0	0	0	0	0	Code(5)
	19:28:00	120	89	79	99	31	
	19:43:00	0	0	0	0	0	Code(5)
	19:56:00	139	104	104	116	35	
	20:11:00	128	96	100	107	32	
	20:26:00	122	92	95	102	30	
	20:41:00	122	92	90	102	30	
	20:56:00	119	89	91	99	30	
	21:11:00	135	101	85	112	34	
	21:26:00	115	86	92	96	29	
	21:41:00	110	83	74	92	27	
	21:56:00	116	87	80	97	29	
	22:12:00	115	86	82	96	29	
	22:26:00	116	87	81	97	29	
	22:41:00	121	91	79	101	30	
	22:56:00	107	81	71	90	26	
23:11:00	110	83	69	92	27		
23:26:00	113	84	65	94	29		
23:43:00	106	79	62	88	27		
23:56:00	110	82	70	91	28		
18-Oct-2012	00:11:00	105	78	71	87	27	
	00:26:00	104	78	61	87	26	
	00:42:00	98	73	62	81	25	
	00:56:00	104	77	66	86	27	
	01:11:00	111	83	79	92	28	
	01:26:00	103	76	65	85	27	
	01:41:00	101	75	61	84	26	
	01:56:00	109	80	69	90	29	
	02:11:00	104	77	66	86	27	
	02:26:00	107	80	63	89	27	
	02:41:00	106	79	63	88	27	
	02:56:00	103	76	65	85	27	
	03:11:00	115	86	69	96	29	
	03:27:00	114	86	72	95	28	
	03:43:00	0	0	0	0	0	Code(5)
	03:58:00	111	83	65	92	28	
	04:11:00	102	76	64	85	26	
	04:26:00	109	82	76	91	27	
	04:43:00	125	93	86	104	32	
	04:56:00	111	83	74	92	28	
	05:12:00	108	80	82	89	28	
05:27:00	111	82	75	92	29		
05:41:00	111	84	74	93	27		
05:56:00	129	97	92	108	32		
06:11:00	124	93	80	103	31		
06:26:00	123	92	73	102	31		
06:41:00	120	90	83	100	30		
06:57:00	123	91	95	102	32		
07:11:00	123	92	102	102	31		

Ref No :

Given Names : test

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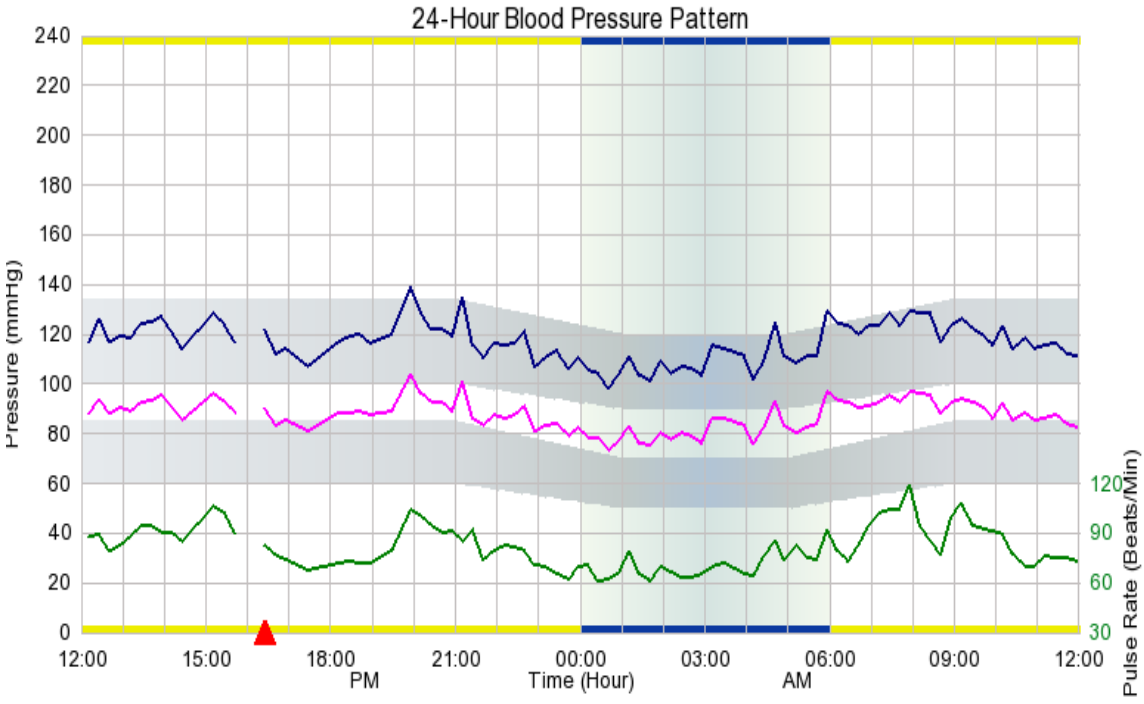
Start Date : 17-Oct-2012

Start Time : 16:26

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
18-Oct-2012	07:26:00	128	95	104	106	33	
	07:42:00	123	92	104	102	31	
	07:56:00	129	97	119	108	32	
	08:11:00	128	96	94	107	32	
	08:26:00	128	95	86	106	33	
	08:41:00	117	88	77	98	29	
	08:56:00	123	92	99	102	31	
	09:11:00	126	94	108	105	32	
	09:27:00	122	92	95	102	30	
	09:42:00	119	90	92	100	29	
	09:56:00	115	86	91	96	29	
	10:11:00	123	92	89	102	31	
	10:26:00	114	85	77	95	29	
	10:42:00	118	88	70	98	30	
	10:56:00	114	85	70	95	29	
	11:11:00	115	86	76	96	29	
	11:27:00	116	87	75	97	29	
	11:41:00	112	84	75	93	28	
	11:56:00	111	82	73	92	29	
	12:11:00	117	88	88	98	29	
	12:26:00	126	94	89	105	32	
	12:41:00	117	88	79	98	29	
	12:56:00	119	90	83	100	29	
	13:11:00	118	89	88	99	29	
	13:27:00	124	92	95	103	32	
	13:41:00	125	93	95	104	32	
	13:56:00	127	95	90	106	32	
	14:11:00	121	90	90	100	31	
	14:26:00	114	85	84	95	29	
	14:41:00	0	0	0	0	0	Code(5)
	14:58:00	0	0	0	0	0	Code(5)
	15:11:00	128	96	107	107	32	
	15:28:00	123	92	102	102	31	
	15:42:00	117	88	90	98	29	
	15:58:00	0	0	0	0	0	Code(5)
	16:13:00	0	0	0	0	0	Code(5)

Code	Description
05	Probably BP error
06	No waveform selected
07	No measurement

Given Names : test Family Name : patient 2  
 Start Date : 17-Oct-2012 Start Time : 16:26



<span style="color: blue;">—</span>	Systolic	<span style="color: magenta;">—</span>	Diastolic	<span style="color: green;">—</span>	Pulse rate
<span style="color: purple;">- - -</span>	Refer to remarks		Normal BP Range		Night band
<span style="color: red;">▲</span>	Start of ABPM session	<span style="color: red;">—</span>	Mean Arterial pressure	<span style="background-color: yellow;">—</span>	Active Period
		<span style="background-color: blue;">—</span>	Resting period		

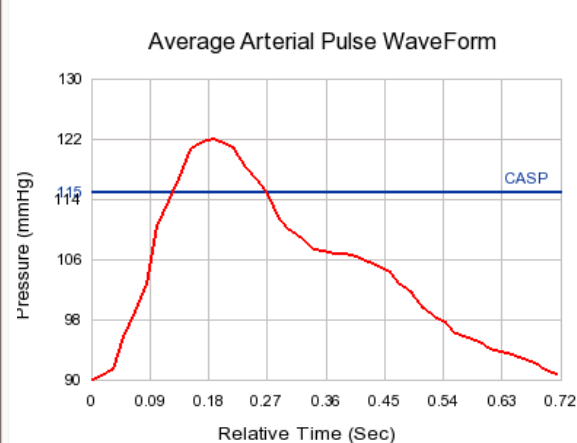
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Value	Unit	R	A	G
SBP:	122			
DBP:	90			
MAP:	101			
PP:	32			
PR:	82			
CASP:	115	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
CPP:	25			
rAI:	77			
rAP:	7 (-)			
PRT:	83			

#### Explanation of Terms

SBP Systolic blood pressure of the average single waveform.

DBP Diastolic blood pressure of the average single waveform.

PP Pulse pressure. The difference between SBP and DBP.

MAP Mean arterial pressure ( $MAP = 1/3 * SBP + 2/3 * DBP$ ).

PR Pulse rate.

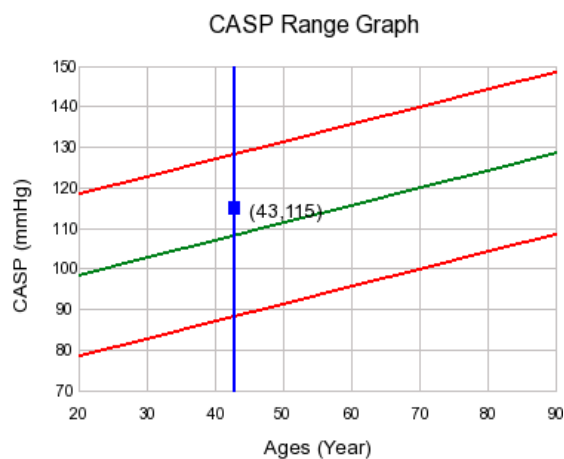
CASP Derived central aortic systolic pressure.

CPP Derive central aortic pulse pressure.

rAI Radial augmentation index.

rAP Radial augmentation pressure.

PRT Relative time between SBP and augmentation.



#### CASP Normal Reference Range (Female)

Age (Years)	Min (mmHg)	Mean (mmHg)	Max (mmHg)
<=20	78	98	118
21-30	81	100	120
31-40	85	105	125
41-50	89	109	129
51-60	93	113	133
61-70	98	118	138
>70	102	122	142