

Ref No:

Date:	10-Oct-2013	BProG2ID:	GT200101
Given Names:	test	Family Name:	patient 4
ID No. :	S54232323	DOB:	04-Apr-1963
Ethnic / Race:	Others (White)	Gender (M/F):	Male
Weight (kg):	0	Height (cm):	0
Contact No.:	0	Done By:	

Summary

Start	Date:	10-Oct-2013	Time:	16:37	No. of BP Recording:	88
End	Date:	11-Oct-2013	Time:	16:22	(No. of valid daytime BP > 14 required in NICE guidelines)	

Calibration Values:	Systolic:	120	mmHg	Systolic Pressure Load:	Daytime:	8.0
	Diastolic:	84	mmHg		Nighttime:	0.0

BP Values	Systolic / Diastolic	R	A	G
Ave. 24 - hr BP (PP)	119 / 84 (35)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Ave. Day BP (PP)	123 / 86 (37)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Ave. Night BP (PP)	108 / 76 (32)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
% Dip	12.20	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Max Systolic (Time)	149 (20:07)			
Min Systolic (Time)	96 (02:07)			

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"/> No	Hypertension
<input type="checkbox"/> No	Coronary Artery Disease	<input type="checkbox"/> No	High Cholesterol
<input type="checkbox"/> No	Target Organ Damage	<input type="checkbox"/> No	Smoker
<input type="checkbox"/> No	Renal Disease	<input type="checkbox"/> No	Ex-Smoker _____ 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)
Stage 1 Hypertension	SYS > 135, DIA > 85
Stage 2 Hypertension	SYS > 150, DIA > 95

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

Ref No:

Given Names : test

Family Name : patient 4

Start Date : 10-Oct-2013

Start Time : 16:37

Table1: 24-hour BP Data

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
10-Oct-2013	16:37:00	120	84	53	96	36	
	16:52:00	118	83	52	95	35	
	17:07:00	129	91	54	104	38	
	17:23:00	118	83	52	95	35	
	17:37:00	145	102	57	116	43	
	17:54:00	0	0	0	0	0	Code(5)
	18:07:00	122	85	67	97	37	
	18:22:00	124	88	62	100	36	
	18:38:00	128	90	80	103	38	
	18:52:00	133	93	87	106	40	
	19:07:00	131	93	68	106	38	
	19:22:00	128	90	83	103	38	
	19:37:00	128	90	75	103	38	
	19:52:00	125	88	73	100	37	
	20:07:00	149	105	89	120	44	
	20:22:00	128	90	76	103	38	
	20:37:00	0	0	0	0	0	Code(5)
	20:52:00	142	99	84	113	43	
	21:07:00	120	85	64	97	35	
	21:22:00	121	86	64	98	35	
	21:37:00	120	84	62	96	36	
	21:52:00	117	82	61	94	35	
	22:07:00	124	88	62	100	36	
	22:22:00	131	93	94	106	38	
	22:37:00	130	91	64	104	39	
	22:52:00	116	82	64	93	34	
	23:07:00	119	84	58	96	35	
23:24:00	0	0	0	0	0	Code(5)	
23:37:00	119	84	53	96	35		
23:52:00	121	86	52	98	35		
11-Oct-2013	00:07:00	111	77	50	88	34	
	00:22:00	119	84	59	96	35	
	00:37:00	104	74	50	84	30	
	00:52:00	101	72	50	82	29	
	01:07:00	99	70	47	80	29	
	01:22:00	109	76	51	87	33	
	01:37:00	117	82	47	94	35	
	01:52:00	111	78	49	89	33	
	02:07:00	96	67	45	77	29	
	02:22:00	116	81	44	93	35	
	02:38:00	115	81	70	92	34	
	02:52:00	111	78	47	89	33	
	03:07:00	111	79	45	90	32	
	03:22:00	101	72	47	82	29	
	03:37:00	107	74	48	85	33	
	03:52:00	109	76	47	87	33	
	04:07:00	106	74	48	85	32	
	04:22:00	109	76	50	87	33	
	04:37:00	109	76	49	87	33	
	04:52:00	112	80	54	91	32	
	05:07:00	108	76	46	87	32	
05:22:00	102	73	45	83	29		
05:37:00	107	75	46	86	32		
05:52:00	113	79	60	90	34		
06:07:00	119	84	51	96	35		
06:22:00	120	85	59	97	35		
06:39:00	0	0	0	0	0	Code(5)	
06:52:00	142	101	66	115	41		
07:07:00	121	86	55	98	35		
07:22:00	116	81	56	93	35		

Ref No :

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Family Name : patient 4

Start Date : 10-Oct-2013

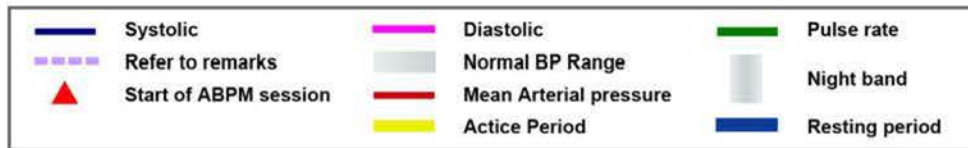
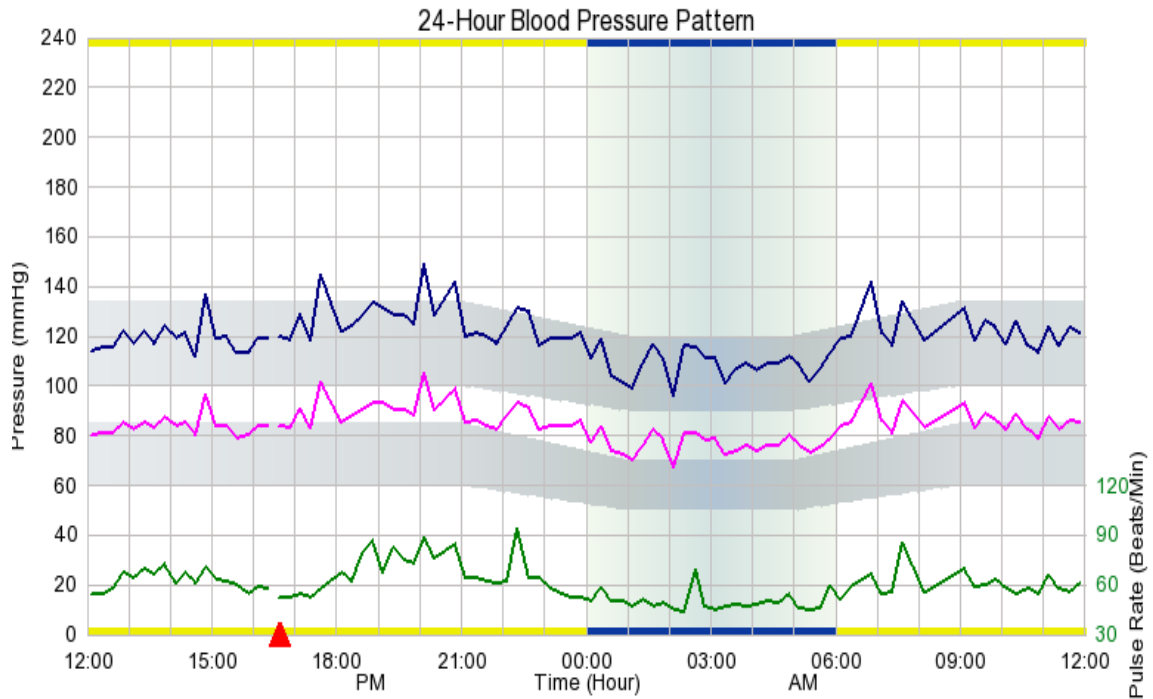
Start Time : 16:37

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
11-Oct-2013	07:37:00	134	94	86	107	40	
	07:54:00	0	0	0	0	0	Code(5)
	08:09:00	118	83	56	95	35	
	08:24:00	0	0	0	0	0	Code(5)
	08:39:00	0	0	0	0	0	Code(5)
	08:54:00	0	0	0	0	0	Code(5)
	09:07:00	131	93	69	106	38	
	09:22:00	118	83	59	95	35	
	09:37:00	126	89	60	101	37	
	09:52:00	123	86	63	98	37	
	10:07:00	117	82	58	94	35	
	10:22:00	126	89	54	101	37	
	10:37:00	116	82	58	93	34	
	10:52:00	113	79	54	90	34	
	11:08:00	124	87	66	99	37	
	11:22:00	116	82	58	93	34	
	11:37:00	123	86	56	98	37	
	11:53:00	121	85	61	97	36	
	12:08:00	114	80	55	91	34	
	12:22:00	115	81	55	92	34	
	12:37:00	115	81	57	92	34	
	12:52:00	122	85	67	97	37	
	13:07:00	117	82	64	94	35	
	13:22:00	122	85	70	97	37	
	13:37:00	117	83	66	94	34	
	13:52:00	124	87	73	99	37	
	14:08:00	119	84	61	96	35	
	14:22:00	121	85	68	97	36	
	14:37:00	112	80	61	91	32	
	14:52:00	137	97	71	110	40	
	15:07:00	119	84	63	96	35	
	15:22:00	120	84	62	96	36	
	15:37:00	113	79	60	90	34	
	15:53:00	113	80	55	91	33	
	16:07:00	119	84	59	96	35	
	16:22:00	119	84	57	96	35	

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

Ref No :

Given Names : test _____ Family Name : patient 4 _____
Start Date : 10-Oct-2013 _____ Start Time : 16:37 _____



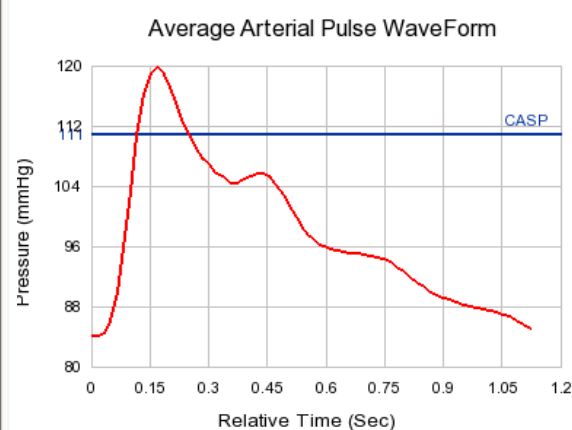
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Block Number : 1

Value

Unit

R A G

SBP:	120	mmHg	
DBP:	84	mmHg	
MAP:	96	mmHg	
PP:	36	mmHg	
PR:	53	beat/min	
CASP:	111	mmHg	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>
CPP:	27	mmHg	
rAI:	-	%	
rAP:	-	mmHg	
PRT:	-	mSec	

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.

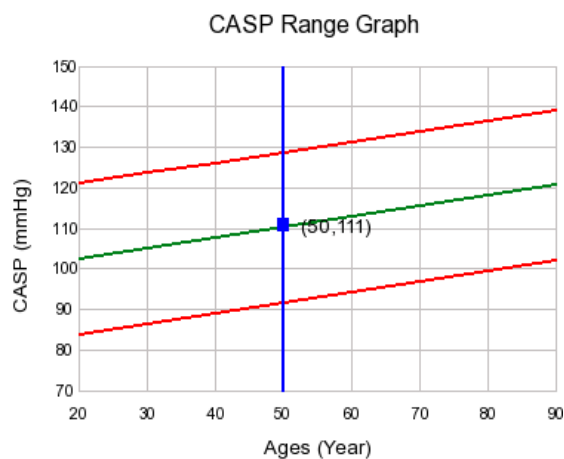
CASP Derived central aortic systolic pressure.

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 (Male)

Age (Years)	Min (mmHg)	Mean (mmHg)	Max (mmHg)
<=20	84	102	121
21-30	85	104	122
31-40	88	106	125
41-50	90	109	127
51-60	93	111	130
61-70	95	114	133
>70	98	117	135