

Ref No:

Date: 02-May-2012

BProG2ID: GT200001

Given Names: test

Family Name: patient 1

ID No. : S337899876

DOB: 04-May-1966

Ethnic / Race: British

Gender (M/F): Male

Weight (kg): 80

Height (cm): 196

Contact No.: 0

Done By:

Summary

Start Date: 02-May-2012 Time: 15:18 **No. of BP Recording:** 85
End Date: 03-May-2012 Time: 15:03 (No. of valid daytime BP > 14 required in NICE guidelines)

Calibration Values: Systolic: 102 mmHg **Systolic Pressure Load:** Daytime: 0.0
 Diastolic: 62 mmHg Nighttime: 0.0

BP Values	Systolic / Diastolic	R	A	G
Ave. 24 - hr BP (PP)	106 / 65 (41)	☐	☐	☒
Ave. Day BP (PP)	109 / 67 (42)	☐	☐	☒
Ave. Night BP (PP)	96 / 59 (37)	☐	☐	☒
% Dip	11.90	☐	☐	☒
Max Systolic (Time)	128 (13:03)			
Min Systolic (Time)	87 (04:18)			

PP denotes Pulse Pressure

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

Medical Record

☐ No ☐ Yes ☐ Yes ☐ Yes
 Diabetes Mellitus Hypertension
 Coronary Artery Disease High Cholesterol
 Target Organ Damage Smoker
 Renal Disease 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)
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 - denotes Red A - denotes Amber G - denotes Green

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Start Date : 02-May-2012

Start Time : 15:18

Table1: 24-hour BP Data

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
02-May-2012	15:18:00	102	62	76	75	40	
	15:33:00	101	62	77	75	39	
	15:48:00	96	59	73	71	37	
	16:03:00	93	57	71	69	36	
	16:18:00	101	62	69	75	39	
	16:33:00	99	60	76	73	39	
	16:48:00	93	57	65	69	36	
	17:03:00	107	65	81	79	42	
	17:19:00	96	59	69	71	37	
	17:34:00	100	61	68	74	39	
	17:50:00	106	64	84	78	42	
	18:03:00	105	65	82	78	40	
	18:18:00	111	68	87	82	43	
	18:35:00	0	0	0	0	0	Code(5)
	18:50:00	101	62	73	75	39	
	19:03:00	98	61	78	73	37	
	19:19:00	111	68	71	82	43	
	19:35:00	0	0	0	0	0	Code(5)
	19:50:00	98	61	67	73	37	
	20:03:00	120	74	103	89	46	
	20:18:00	103	63	71	76	40	
	20:33:00	107	65	68	79	42	
	20:48:00	97	60	61	72	37	
	21:04:00	97	60	68	72	37	
	21:19:00	103	63	69	76	40	
	21:33:00	108	66	74	80	42	
	21:48:00	95	58	65	70	37	
	22:05:00	110	67	90	81	43	
	22:18:00	113	70	77	84	43	
	22:33:00	111	68	79	82	43	
	22:48:00	105	65	78	78	40	
	23:03:00	106	64	76	78	42	
	23:19:00	121	73	90	89	48	
	23:33:00	117	72	81	87	45	
	23:48:00	109	67	85	81	42	
03-May-2012	00:03:00	94	57	80	69	37	
	00:18:00	93	56	79	68	37	
	00:33:00	98	59	81	72	39	
	00:48:00	98	59	77	72	39	
	01:03:00	94	57	75	69	37	
	01:18:00	99	60	87	73	39	
	01:33:00	93	56	77	68	37	
	01:48:00	93	57	75	69	36	
	02:03:00	93	56	73	68	37	
	02:18:00	91	56	67	68	35	
	02:33:00	96	59	68	71	37	
	02:48:00	93	56	66	68	37	
	03:03:00	0	0	0	0	0	Code(5)
	03:18:00	96	59	65	71	37	
	03:35:00	104	64	76	77	40	
	03:48:00	92	56	59	68	36	
	04:03:00	100	61	70	74	39	
	04:18:00	87	54	51	65	33	
	04:33:00	101	62	61	75	39	
	04:48:00	108	67	71	81	41	
	05:03:00	100	61	59	74	39	
	05:18:00	98	59	71	72	39	
	05:33:00	98	59	71	72	39	
	05:50:00	0	0	0	0	0	Code(5)
	06:03:00	113	70	70	84	43	

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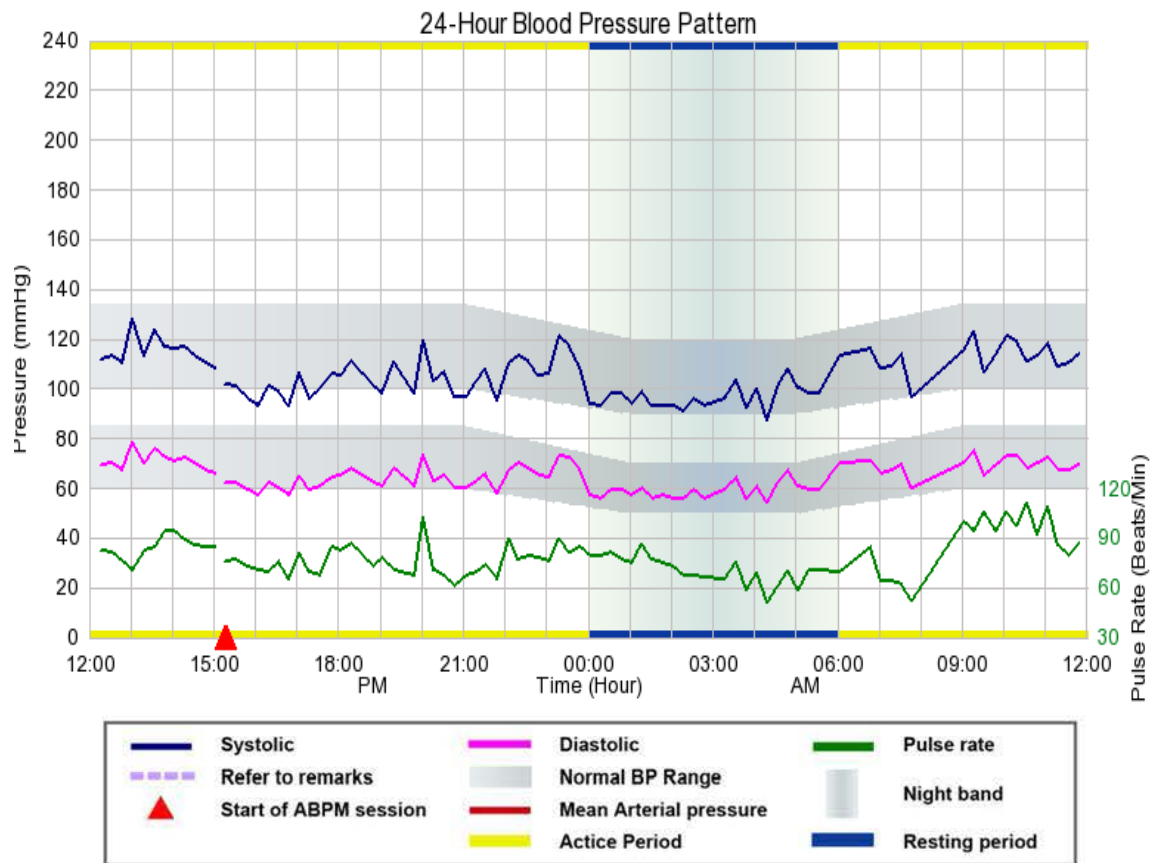
Start Date : 02-May-2012

Start Time : 15:18

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
03-May-2012	06:20:00	0	0	0	0	0	Code(5)
	06:35:00	0	0	0	0	0	Code(5)
	06:48:00	116	71	85	86	45	
	07:03:00	108	66	64	80	42	
	07:18:00	109	67	64	81	42	
	07:33:00	114	69	62	84	45	
	07:48:00	97	60	52	72	37	
	08:05:00	0	0	0	0	0	Code(5)
	08:20:00	0	0	0	0	0	Code(5)
	08:35:00	0	0	0	0	0	Code(5)
	08:50:00	0	0	0	0	0	Code(5)
	09:03:00	115	70	99	85	45	
	09:18:00	123	75	94	91	48	
	09:33:00	107	65	106	79	42	
	09:48:00	114	69	94	84	45	
	10:03:00	121	73	106	89	48	
	10:18:00	119	73	98	88	46	
	10:33:00	111	68	111	82	43	
	10:48:00	113	70	92	84	43	
	11:04:00	118	72	110	87	46	
	11:19:00	109	67	86	81	42	
	11:33:00	110	67	80	81	43	
	11:48:00	114	69	87	84	45	
	12:05:00	0	0	0	0	0	Code(5)
	12:18:00	112	69	82	83	43	
	12:33:00	113	70	81	84	43	
	12:48:00	110	67	76	81	43	
	13:03:00	128	79	71	95	49	
	13:19:00	113	70	83	84	43	
	13:34:00	124	76	84	92	48	
	13:49:00	117	72	95	87	45	
	14:03:00	116	71	94	86	45	
	14:18:00	117	72	89	87	45	
	14:33:00	113	70	86	84	43	
	14:48:00	110	67	85	81	43	
	15:03:00	108	66	85	80	42	

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

Given Names : test Family Name : patient 1
Start Date : 02-May-2012 Start Time : 15:18



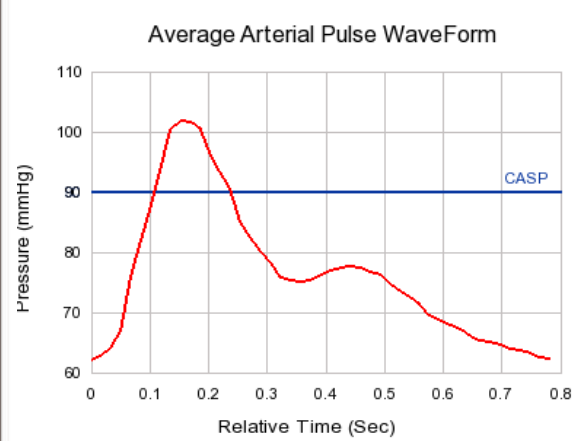
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Block Number : 1

Value

Unit

R A G

SBP:

102

mmHg

DBP:

62

mmHg

MAP:

75

mmHg

PP:

40

mmHg

PR:

76

beat/min

CASP:

90

mmHg

CPP:

28

mmHg

rAI:

0

%

rAP:

0

mmHg

PRT:

0

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 ($MAP = \frac{1}{3} \cdot SBP + \frac{2}{3} \cdot DBP$).

PR Pulse rate.

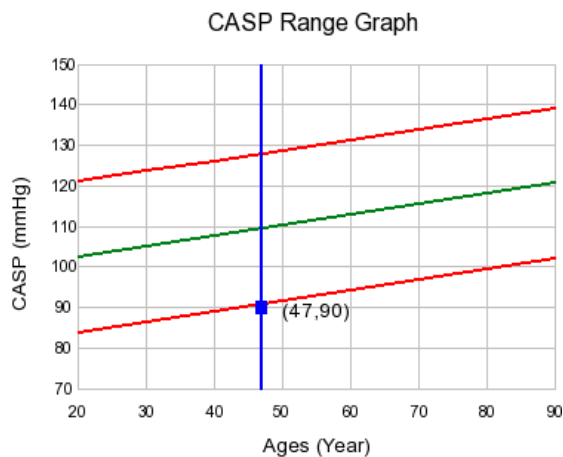
CASP Derived central aortic systolic pressure.

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