

Ref No:

Date: 10-Oct-2013
 Given Names: test
 ID No. : S12312323
 Ethnic / Race: Africa black
 Weight (kg): 0
 Contact No.: 0

BProG2ID: GT200131
 Family Name: patient 3
 DOB: 08-Aug-1965
 Gender (M/F): Female
 Height (cm): 0
 Done By:

Summary

Start Date: 10-Oct-2013 Time: 12:30 No. of BP Recording: 91
 End Date: 11-Oct-2013 Time: 12:15 (No. of valid daytime BP > 14 required in NICE guidelines)

Calibration Values: Systolic: 135 mmHg Diastolic: 98 mmHg
 Systolic Pressure Load: Daytime: 51.0 Nighttime: 96.0

BP Values	Systolic / Diastolic	R	A	G
Ave. 24 - hr BP (PP)	133 / 97 (36)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ave. Day BP (PP)	136 / 100 (36)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ave. Night BP (PP)	126 / 93 (33)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
% Dip	7.40	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Max Systolic (Time)	149 (12:15)			
Min Systolic (Time)	118 (00:00)			

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

No Diabetes Mellitus No Hypertension
 No Coronary Artery Disease No High Cholesterol
 No Target Organ Damage No Smoker
 No Renal Disease 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.

Stage 2 hypertension (Refer to NICE).

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 3 _____
 Start Date : 10-Oct-2013 _____ Start Time : 12:30 _____

Table1: 24-hour BP Data

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
10-Oct-2013	12:30:00	135	98	73	110	37	
	12:45:00	128	94	73	105	34	
	13:00:00	127	94	74	105	33	
	13:15:00	133	97	73	109	36	
	13:30:00	130	96	73	107	34	
	13:45:00	126	93	72	104	33	
	14:00:00	127	94	70	105	33	
	14:15:00	129	96	71	107	33	
	14:30:00	122	90	68	101	32	
	14:45:00	133	97	70	109	36	
	15:00:00	140	104	71	116	36	
	15:15:00	131	96	74	108	35	
	15:30:00	126	93	74	104	33	
	15:45:00	133	98	71	110	35	
	16:00:00	133	98	68	110	35	
	16:15:00	132	97	74	109	35	
	16:30:00	126	93	68	104	33	
	16:45:00	126	93	71	104	33	
	17:00:00	131	96	68	108	35	
	17:15:00	129	95	73	106	34	
	17:30:00	130	95	71	107	35	
	17:47:00	0	0	0	0	0	Code(5)
	18:00:00	137	101	96	113	36	
	18:15:00	141	103	82	116	38	
	18:30:00	130	95	79	107	35	
	18:47:00	0	0	0	0	0	Code(5)
	19:00:00	131	96	93	108	35	
	19:15:00	140	103	94	115	37	
	19:30:00	132	97	77	109	35	
	19:45:00	142	104	85	117	38	
	20:01:00	138	102	79	114	36	
	20:15:00	132	97	109	109	35	
	20:30:00	144	106	112	119	38	
	20:45:00	136	100	83	112	36	
	21:00:00	145	106	90	119	39	
	21:15:00	138	101	98	113	37	
	21:30:00	141	103	92	116	38	
	21:45:00	140	104	77	116	36	
	22:01:00	137	101	84	113	36	
	22:15:00	137	101	78	113	36	
	22:30:00	126	93	74	104	33	
	22:45:00	127	94	78	105	33	
	23:01:00	129	96	70	107	33	
	23:15:00	134	98	70	110	36	
	23:31:00	131	96	72	108	35	
	23:45:00	132	97	68	109	35	
11-Oct-2013	00:00:00	118	87	69	97	31	
	00:15:00	126	92	70	103	34	
	00:30:00	125	92	75	103	33	
	00:45:00	127	93	81	104	34	
	01:00:00	126	93	77	104	33	
	01:15:00	133	97	75	109	36	
	01:30:00	126	92	69	103	34	
	01:45:00	127	93	70	104	34	
	02:00:00	123	91	67	102	32	
	02:15:00	124	91	68	102	33	
	02:30:00	130	95	65	107	35	
	02:45:00	128	94	68	105	34	
	03:00:00	129	95	75	106	34	
	03:15:00	122	90	67	101	32	

Ref No :

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Start Date : 10-Oct-2013

Family Name : patient 3
Start Time : 12:30

Date	Time	SYS	DIA	PR	MAP	PP	Remarks
11-Oct-2013	03:30:00	121	88	66	99	33	
	03:45:00	127	93	70	104	34	
	04:00:00	134	98	76	110	36	
	04:15:00	131	96	76	108	35	
	04:30:00	125	92	69	103	33	
	04:45:00	126	92	75	103	34	
	05:00:00	129	95	77	106	34	
	05:15:00	128	94	75	105	34	
	05:30:00	127	93	67	104	34	
	05:45:00	121	88	66	99	33	
	06:00:00	124	91	89	102	33	
	06:17:00	0	0	0	0	0	Code(5)
	06:30:00	131	97	67	108	34	
	06:45:00	128	95	79	106	33	
	07:00:00	137	101	82	113	36	
	07:15:00	121	89	74	100	32	
	07:30:00	143	105	85	118	38	
	07:45:00	136	100	83	112	36	
	08:00:00	141	103	87	116	38	
	08:17:00	146	107	101	120	39	
	08:32:00	0	0	0	0	0	Code(5)
	08:45:00	141	104	91	116	37	
	09:00:00	142	104	91	117	38	
	09:17:00	0	0	0	0	0	Code(5)
	09:30:00	141	103	91	116	38	
	09:45:00	146	107	93	120	39	
	10:00:00	145	106	101	119	39	
	10:15:00	147	108	91	121	39	
	10:30:00	141	103	75	116	38	
	10:45:00	137	101	72	113	36	
	11:00:00	131	97	69	108	34	
	11:15:00	140	104	68	116	36	
	11:30:00	129	94	82	106	35	
	11:46:00	142	104	68	117	38	
	12:01:00	146	107	75	120	39	
	12:15:00	149	110	74	123	39	

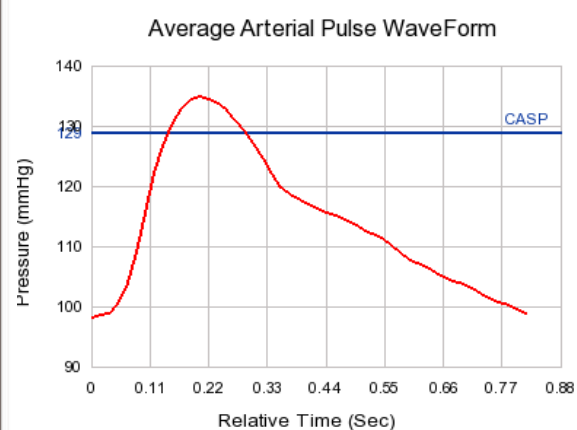
Code	Description
05	Probably BP error
06	No waveform selected
07	No measurement

Given Names : test

Family Name : patient 3

Start Date : 10-Oct-2013

Start Time : 12:30



Value	Unit	R	A	G
SBP:	135			
DBP:	98			
MAP:	110			
PP:	37			
PR:	73			
CASP:	129	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
CPP:	31			
rAI:	128			
rAP:	8 (+)			
PRT:	67			

Explanation of Terms

SBP Systolic blood pressure of the average single waveform.

CASP Derived central aortic systolic pressure.

DBP Diastolic blood pressure of the average single waveform.

CPP Derive central aortic pulse pressure.

PP Pulse pressure. The difference between SBP and DBP.

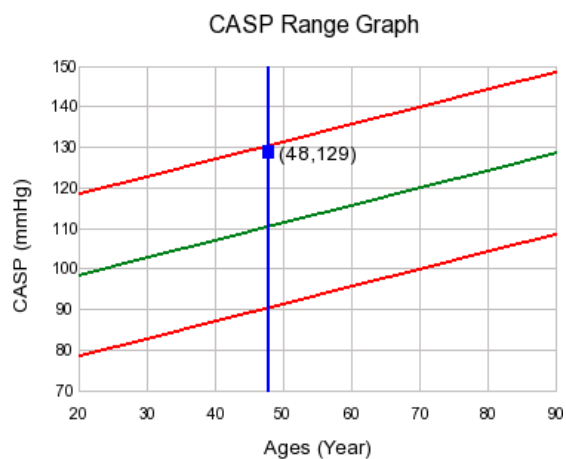
rAI Radial augmentation index.

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

rAP Radial augmentation pressure.

PR Pulse rate.

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