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Patient data			
<b>name</b>	Demo ApneABP		
<b>ID</b>	0001-0002	<b>date of birth</b>	2000.01.01.

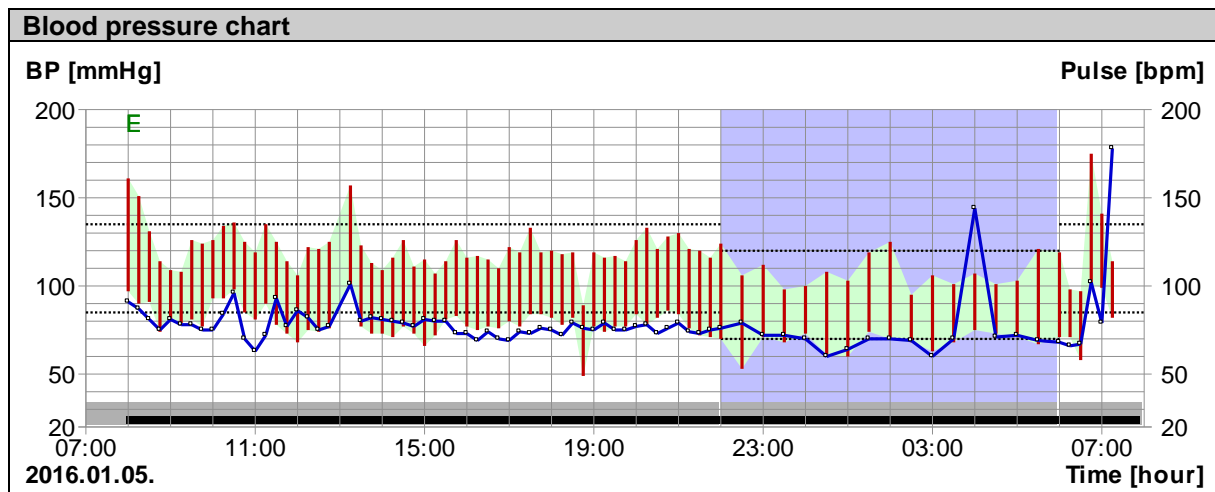
**Opinion**

The recording was carried out during combined antihypertensive therapy to evaluate blood pressure profile, control the effectiveness of antihypertensive therapy, and to screen for signals of suspected OSAS.

ABPM: normotension in all periods, normal dipper status, signals of eukinetic circulatory regulation, blood pressure peaks at application and return of recorder due to white coat effect.

Actigraphy: low motion activity in all periods, no „activity storm” during night period.

Pulse oximetry: ODI 45,7/h, minimum O2 saturation 63% during sleep period (23:00 to 06:45 as recorded in patient diary) -- these parameters are indicative of severe OSAS, which is also confirmed by a desaturation episode during the short nap around 11:00, so the case is referred to full sleep lab examination and CPAP titration.

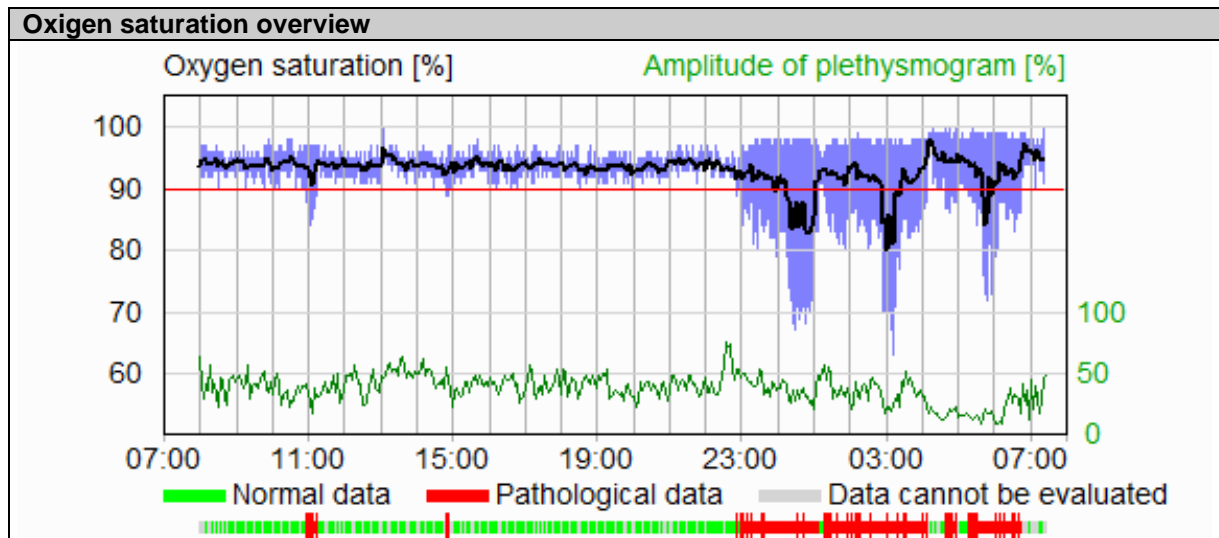


ABPM basic data (2016.01.05. 7:57 - 2016.01.06. 7:57)				
period	Overall	Morning	Day	Night
<b>time range</b>	Overall	06:00 - 06:00	06:00 - 22:00	22:00 - 06:00
<b>SBP/DBP maximum limit value</b>	~127/77~	-/-	135/85	120/70
<b>SBP/DBP weighted average</b>	117/75	-/-	122/79	107/68
<b>Pulse weighted average</b>	77	-	79	74
<b>readings</b>	77	-	61	16
<b>successful measurement ratio %</b>	100	-	100	100
<b>SBP/DBP D/N index %</b>	12/15			
<b>morning surge</b>	16			

<b>Hypertension summary (2016.01.05. 7:57 - 2016.01.06. 7:57)</b>				
period	Overall	Morning	Day	Night
time range	Overall	06:00 - 06:00	06:00 - 22:00	22:00 - 06:00
SBP/DBP maximum limit value	~127/77~	-/-	135/85	120/70
SBP/DBP weighted average	117/75	-/-	122/79	107/68
MAP weighted average	89	-	94	81
PP weighted average	42	-	42	39
Pulse weighted average	77	-	79	74
SBP/DBP PTE %	12/25	-/-	10/18	13/40
SBP/DBP load mmHg	33/36	-/-	44/42	12/27
readings	77	-	61	16
SBP high readings	9	-	6	3
DBP high readings	17	-	11	6
SBP/DBP D/N index %	12/15			
SBP/DBP D/N mean difference	15/12			
morning surge	16			

<b>Hypotension summary (2016.01.05. 7:57 - 2016.01.06. 7:57)</b>				
period	Overall	Morning	Day	Night
time range	Overall	06:00 - 06:00	06:00 - 22:00	22:00 - 06:00
SBP/DBP minimum limit value	~90/60~	-/-	100/65	80/55
SBP/DBP weighted average	117/75	-/-	122/79	107/68
readings	77	-	61	16
SBP low readings	3	-	3	0
DBP low readings	3	-	2	1
SBP/DBP PTD %	3/4	-/-	5/3	0/7
SBP/DBP Leese mmHg	4/7	-/-	6/9	0/3

<b>Systolic blood pressure (2016.01.05. 7:57 - 2016.01.06. 7:57)</b>				
period	Overall	Morning	Day	Night
time range	Overall	06:00 - 06:00	06:00 - 22:00	22:00 - 06:00
readings	77	-	61	16
SBP maximum limit value	~127~	-	135	120
SBP weighted average	117	-	122	107
SBP Standard deviation	14	-	14	9
SBP maximum	175	-	175	125
SBP high readings	9	-	6	3
SBP PTE %	12	-	10	13
SBP load mmHg	33	-	44	12
SBP minimum limit value	~90~	-	100	80
SBP minimum	89	-	89	95
SBP low readings	3	-	3	0
SBP PTD %	3	-	5	0
SBP Leese mmHg	4	-	6	0
SBP D/N index %	12	-	12	12
SBP D/N mean difference	15	-	15	15



**Pulse oximetry statistics ( Total period: )**

Start of monitoring:	2016.01.05. 07:57	Minimum:	63 %
End of monitoring:	2016.01.06. 07:30	Maximum:	100 %
Length of recording:	23 hour 33 min	Average:	93 %
Length to be evaluated:	23 hour 7 min	Number of pathological periods:	391
Pathological limit:	90 %	Total pathological periods:	2 hour 21 min

**Desaturation events ( Total period: )**

Number of apnoe events:	383	Avg. minimum of apnoe events:	84 %
Event index (ODI):	28.2 /hour	Avg. events period:	0 min 47 sec
Event limit:	4%	Max. (2016.01.05. 22:05:32):	7 min 18 sec
Event period:	min. 10 sec	Time in events:	507 min 29 sec

**Desaturation periods ( Total period: )**

SpO2 limit (%)	Time	%
< 100	23:06:02	99.9
< 95	15:49:46	68.5
< 90	02:20:30	10.1
< 85	00:55:20	4.0
< 80	00:27:18	2.0
< 75	00:11:29	0.8
< 70	00:01:31	0.1
< 65	00:00:08	0.0
< 60	00:00:00	0.0
< 55	00:00:00	0.0
< 50	00:00:00	0.0
< 45	00:00:00	0.0
< 40	00:00:00	0.0
< 35	00:00:00	0.0

**Number of events**

SpO2 level (%)	pc
99 - 95	1
94 - 90	267
89 - 85	230
84 - 80	97
79 - 75	18
74 - 70	30
69 - 65	7
64 - 60	1
59 - 55	0
54 - 50	0
49 - 45	0
44 - 40	0
39 - 35	0
34 - 30	0

**Plethysmogram analysis ( Total period: )**

Patient name: **Demo ApneABP**  
Patient ID: 0001-0002  
Date of birth: 2000.01.01.

**apneABP report**  
Start of the examination  
2016.01.05.

	Maximum:	Average:	Minimum:	Deviation:
Reflection time:	419	279	51	66
Amplitude ratio:	171	27	5	28
Pulse latency:	195	1	-30	50