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Patient data			
name	Demo ApneABP		
ID	0001-0002	date of birth	2000.01.01.

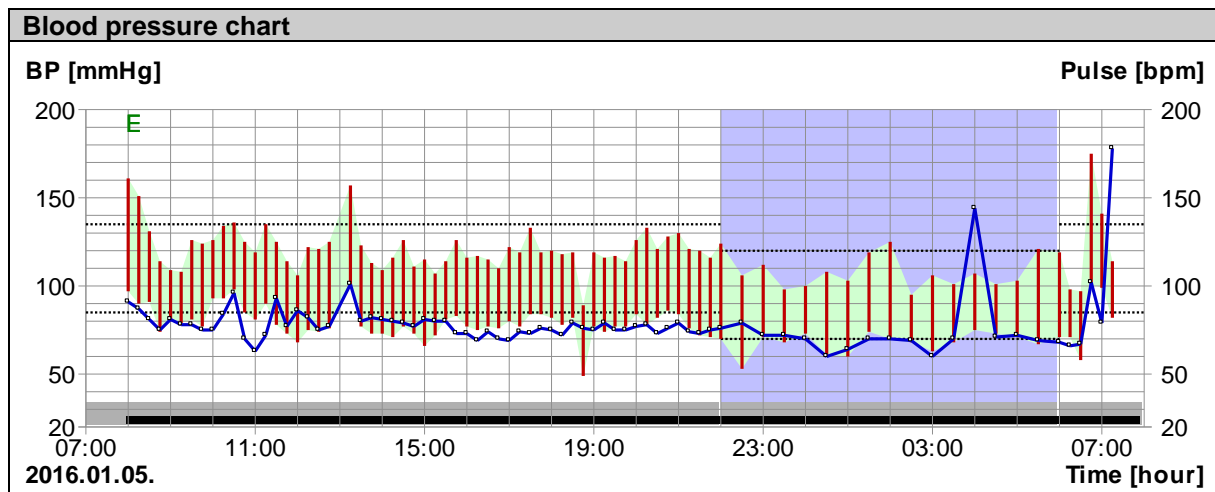
Opinion

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.

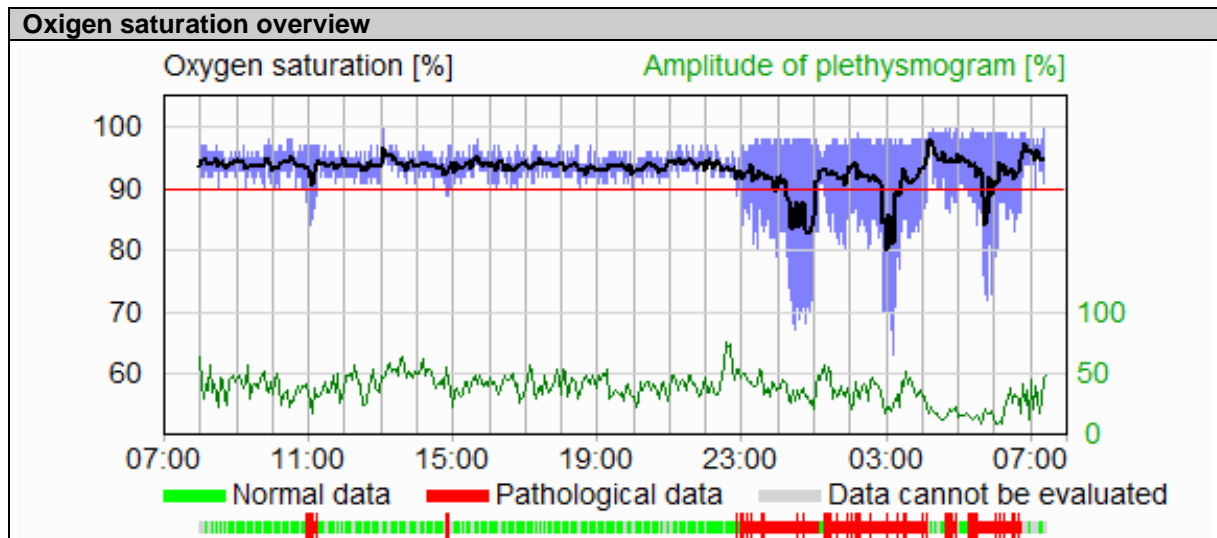


ABPM basic data (2016.01.05. 7:57 - 2016.01.06. 7:57)				
period	Overall	Morning	Day	Night
time range	Overall	06:00 - 06:00	06:00 - 22:00	22:00 - 06:00
SBP/DBP maximum limit value	~127/77~	-/-	135/85	120/70
SBP/DBP weighted average	117/75	-/-	122/79	107/68
Pulse weighted average	77	-	79	74
readings	77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

Hypertension summary (2016.01.05. 7:57 - 2016.01.06. 7:57)				
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			

Hypotension summary (2016.01.05. 7:57 - 2016.01.06. 7:57)				
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

Systolic blood pressure (2016.01.05. 7:57 - 2016.01.06. 7:57)				
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