



Pulse Oximetry

CHOICEMMED Sleep Recorder Device is used for sleep primary diagnosis, helps users conveniently record the oxygen level and pulse rate when sleeping at home and know their sleeping state, thus improve their sleep under the guidance of doctors.

- Small and portable design don't affect your sleep
- Recor the blood oxygen saturation and pulse rate in real time
- Store the measured data and transfer to the computer
- By using software to analysis SpO₂ (Blood oxygen saturation) and PR saturation
- Set up to 10 ID codes, you can share it with your family



Applicable Population:	Adults, Pediatrics and Neonatal
SpO₂	
Measurement range:	70 ~ 100%
Resolution:	1%
Measurement accuracy:	80% ~ 100%: ±2%, 70% ~ 80%: ±3%, 0% ~ 69%: no definition
Pulse Rate	
Measure range:	30 ~ 235 bpm
Resolution:	1 bpm
Measurement accuracy:	30 ~ 100: ±2 bpm, 101 ~ 235: ±2%
Display	
Type:	LCD
Parameters:	SpO ₂ , PR, Pulse bar
Mode:	1 display modes
Alarm:	Probe off, Battery-low indicator
Date Transmission method:	Data cable
Dimension:	58x47x20mm
Weight:	60g (without battery)
Battery Type:	1 x AAA alkaline or rechargeable battery
Operation time:	Approximately 12 hours of normal operation
Enviromental	
Operation Temperature	5°C ~ 40°C
Storage Temperature	-20°C ~ 55°C
Operation Humidity	15%RH ~ 80%RH
Storage Humidity	10%RH ~ 85%RH
Classifaction	
Type of protection	internally powered equipment
Safety	IEC60601-1
Data Records:	up to 72 hours
Patient ID:	10 patients

ReportTitle

PatientData

Name : Geoff High

Gender : male

Age : 81

ID : 5

Height : 74 in

Weight : 0 lb

Physician :

Note1 :

Note2 :

Start Date: 2011/08/12

Start Time : 16:06:13

End Date: 2011/08/13

End Time : 05:23:39

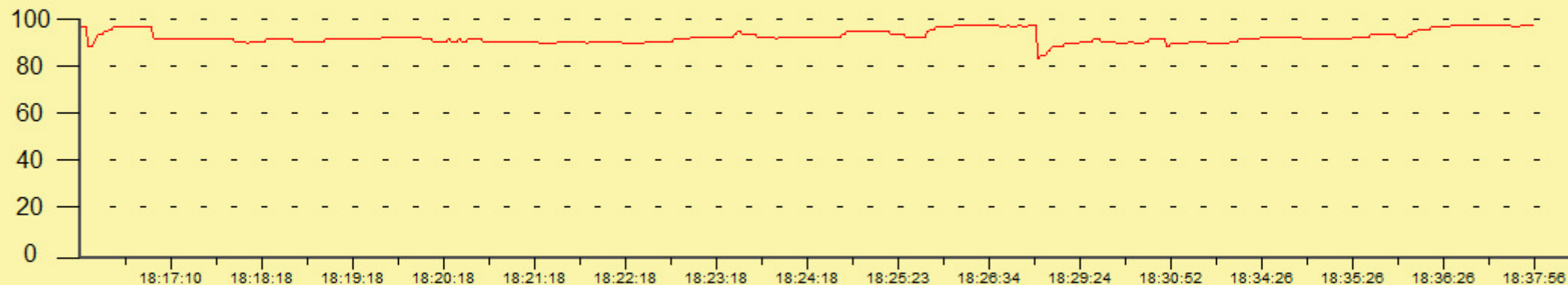
Comments:

SpO2 (20% per division)

RecordDate :

RecordTime :

SpO2 :

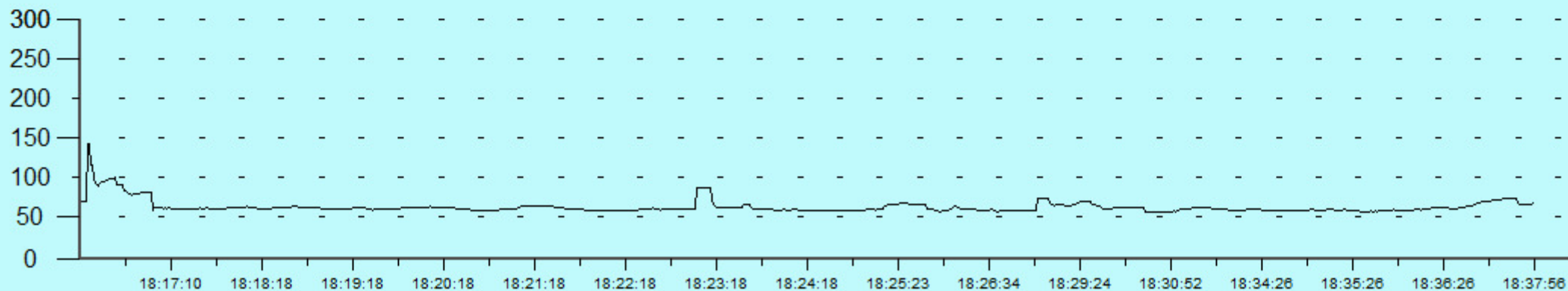


Pulse Rate (50 BPM per division)

RecordDate :

RecordTime :

PR :



ReportTitle

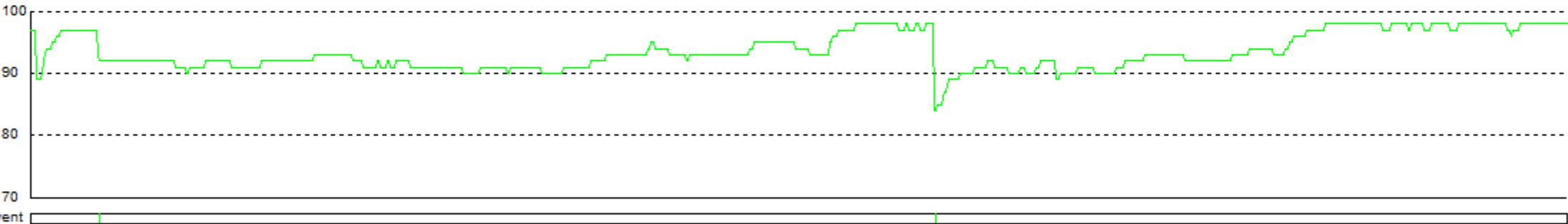
PatientData		
Name : Geoff Hich	Gender : male	Age : 81
ID : 5	Height : 74 in	Weight : 0 lb
Physician :	Note2 :	
Note1 :		

Start Date: 11/08/12			Start Time :16:06:13		
End Date: 11/08/13			End Time : 05:23:39		
Comments:					
Event Data	SpO2	Pulse			
Total Events.	2	1	SpO2 > 94	649	times
Time In Events.(Sec)	632	1407	SpO2 < 88	9	times
Avg.Event Dur.(Sec)	316	1407	Pulse > 150	0	times
Index.(1/hr)	5.1	2.5	Pulse < 60	18	times
Avg.Event Max.	93	118	Diagnose:		
Avg.Event Min.	87	59			
Max.Event offset.	14	28			
Max Time.Event.(Sec)	384	1407			
Max Dur.	98	146			
Min Dur.	84	59			
Avg Dur.	94	67			

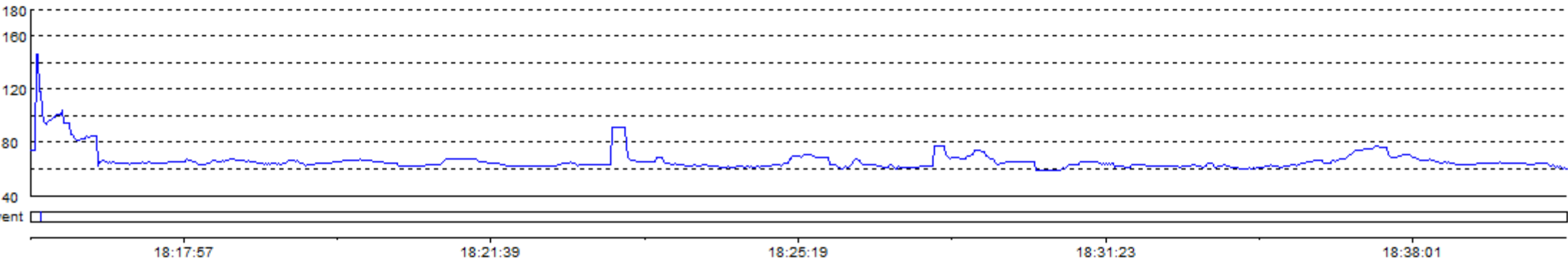
Desaturation Event:drop in SpO2 by at least 4% for a minimum duration of 10 seconds.
Pulse Event Change in rate by at least 6 bpm for a minimum duration of 8 seconds.

Graphic Summary

SpO2 (10% per division)



Pulse Rate (20 BPM per division)



ReportTitle

PatientData

Name : Geoff Hich
ID : 5
Physician :
Note1 :

Gender : male
Height : 74 in

Age : 81
Weight : 0 lb

Note2 :

Start Date: 2011/08/12 Start Time : 16:06:13 End Date: 2011/08/13 End Time : 05:23:39
Comments:

Item	Date	Time	SpO2	PR	Item	Date	Time	SpO2	PR
1	2011/08/12	16:06:13	97	74	26	2011/08/12	18:07:26	97	94
2	2011/08/12	16:06:14	97	74	27	2011/08/12	18:07:27	97	94
3	2011/08/12	16:06:15	97	74	28	2011/08/12	18:07:28	97	94
4	2011/08/12	16:06:16	97	74	29	2011/08/12	18:07:29	97	94
5	2011/08/12	16:06:17	97	74	30	2011/08/12	18:07:45	97	86
6	2011/08/12	18:07:06	89	146	31	2011/08/12	18:07:46	97	86
7	2011/08/12	18:07:07	89	146	32	2011/08/12	18:07:47	97	85
8	2011/08/12	18:07:08	89	118	33	2011/08/12	18:07:48	97	83
9	2011/08/12	18:07:09	89	118	34	2011/08/12	18:07:49	97	82
10	2011/08/12	18:07:10	90	104	35	2011/08/12	18:07:50	97	81
11	2011/08/12	18:07:11	92	95	36	2011/08/12	18:07:51	97	82
12	2011/08/12	18:07:12	93	94	37	2011/08/12	18:07:52	97	83
13	2011/08/12	18:07:13	94	93	38	2011/08/12	18:07:53	97	83
14	2011/08/12	18:07:14	94	95	39	2011/08/12	18:07:54	97	83
15	2011/08/12	18:07:15	94	97	40	2011/08/12	18:07:55	97	83
16	2011/08/12	18:07:16	94	97	41	2011/08/12	18:07:56	97	85
17	2011/08/12	18:07:17	95	98	42	2011/08/12	18:07:57	97	84
18	2011/08/12	18:07:18	95	99	43	2011/08/12	18:07:58	97	84
19	2011/08/12	18:07:19	95	99	44	2011/08/12	18:07:59	97	85
20	2011/08/12	18:07:20	96	101	45	2011/08/12	18:08:00	97	85
21	2011/08/12	18:07:21	96	101	46	2011/08/12	18:08:01	97	85
22	2011/08/12	18:07:22	96	101	47	2011/08/12	18:08:02	97	85
23	2011/08/12	18:07:23	97	101	48	2011/08/12	18:08:03	97	85
24	2011/08/12	18:07:24	97	104	49	2011/08/12	18:16:58	93	62
25	2011/08/12	18:07:25	97	94	50	2011/08/12	18:16:59	92	65