

# Wat zien ik?

Bij het uitlezen van CPAP apparatuur

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# Uitleessoftware

- InfoSmart van Fisher & Paykel
- ResScan van ResMed
- EncorePro2/EncoreAnywhere van Philips/Respironics
- Devilbiss SmartLink van Devilbiss
- SomnoSupport van Weinmann
- Sandman Therapy van Puritan Bennett
- TrendSet van Hoffrichter

# Meten is weten, maar hoe?

- Meten van de flow
- Meten van snurken
- Oscillatiesignaal
- Meten van hartslag (externe uitbreiding)
- Meten van zuurstofverzadiging (externe uitbreiding)

Zoals u ziet gebruikt een CPAP machine veel minder kanalen dan een slaaponderzoek en is daarom niet volledig vergelijkbaar.

## Analyse

### Tijden

Opname Periode	28.08.2011 - 18.09.2011 (22 Dagen)
Therapie Dagen	11 Dagen (50 %)
Aantal Geselecteerde Dagen	11 Dagen (100 %)
Totale Gebruiksduur	30:03 h
Gemiddelde Gebruiksduur per Dag	02:43 h

### Actuele Instellingen

Modus	APAP	Max. Druk	14 hPa
Startdruk	4 hPa	Druk Opbouwsnelheid	3
Min. Druk	4 hPa		
Minimale Duur Voorvallen	0 sec		

### Analyse van de geselecteerde periode

	Gemiddeld	Min.	Max.
Druk	4,5 hPa	4,0 hPa <small>28.08.2011</small>	9,2 hPa <small>28.08.2011</small>
Centrale Slaap Apneu	0,3 / h	0,0 / h <small>29.08.2011</small>	2,7 / h <small>13.09.2011</small>
Obstructieve Slaap Apneu	0,8 / h	0,0 / h <small>31.08.2011</small>	1,7 / h <small>30.08.2011</small>
Gemengde Slaap Apneu	0,1 / h	0,0 / h <small>28.08.2011</small>	2,7 / h <small>13.09.2011</small>
Hypopneu	2,7 / h	0,0 / h <small>01.09.2011</small>	7,0 / h <small>28.08.2011</small>
Luchtweg Vernauwing	13,0 / h	2,6 / h <small>04.09.2011</small>	26,8 / h <small>28.08.2011</small>
Snurken	0,0 / h	0,0 / h <small>28.08.2011</small>	0,0 / h <small>28.08.2011</small>
AHI	3,8	0,0 <small>04.09.2011</small>	8,1 <small>28.08.2011</small>

### Conclusie

90% van de tijd een therapiedruk lager dan 5,5 hPa

90% van de Voorvallen deden zich voor bij een therapiedruk lager dan 6,5 hPa

# Wat zien ik?

## Compliance Statistics

## Progress over a 30-day period:

## From Setup Date

Compliance Statistics	Progress over a 30-day period:	From Setup Date
Start Date - End Date:	23-8-2011 - 21-9-2011	6-10-2009 - 21-9-2011
Total Days Device Used	27 days (90%)	124 days (17%)
Total Days Device Not Used	3 days (10%)	592 days (83%)
Days Device Used Greater than 4 hours	8 days (27%)	30 days (4%)
Average Used (Days on Therapy)	3 hrs 21 mins	2 hrs 59 mins
Average Used (All Days)	3 hrs 1 mins	0 hrs 31 mins

## Efficacy Statistics

(All efficacy statistics are averages over the report period.)

AHI	3,7
Apnea Length	19 s
Median AutoCPAP Pressure	6,5 cmH2O
90th Percentile Pressure	10,0 cmH2O
% Time at Maximum Set Pressure	4%
Median System Leak	43,0 l/min
90th Percentile System Leak	61,0 l/min
% Time with Excessive Leak	12%

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## Statistieken

Serienummer: 20090365905

Product: Elite II

**31-8-2011 - 20-9-2011**

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### Instell. apparaat

Therapiemodus: CPAP

Druk instellen: 8,0 cmH2O

EPR: OFF

EPR-niveau: 0,0 cmH2O

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### Druk - cmH2O

Mediaan: 8,0

Maximum: 8,0

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### Lek - L/min

Mediaan: 4,2

95e percentiel: 12,6

Maximum: 32,4

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### AHI & AI - Events/hr

Apneu-index: 0,7

AHI: 4,8

% Tijd in apneu: 0,2

Hypopneu-index: 4,2

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### Gebruik

Gebruikte dagen >= 4 uren : 14

Gebruikte dagen < 4 uren : 6

% Gebruikte dagen >= 4 uren :  
66

Dagen niet gebruikt: 1

Totaal dagen: 21

Mediaan dagelijks gebr.: 4:46

Totaal gebruikte uren: 100:38

Gemidd. dagelijks gebr.: 4:47























































# Wat zien ik?

## ZZ Therapie Overzicht

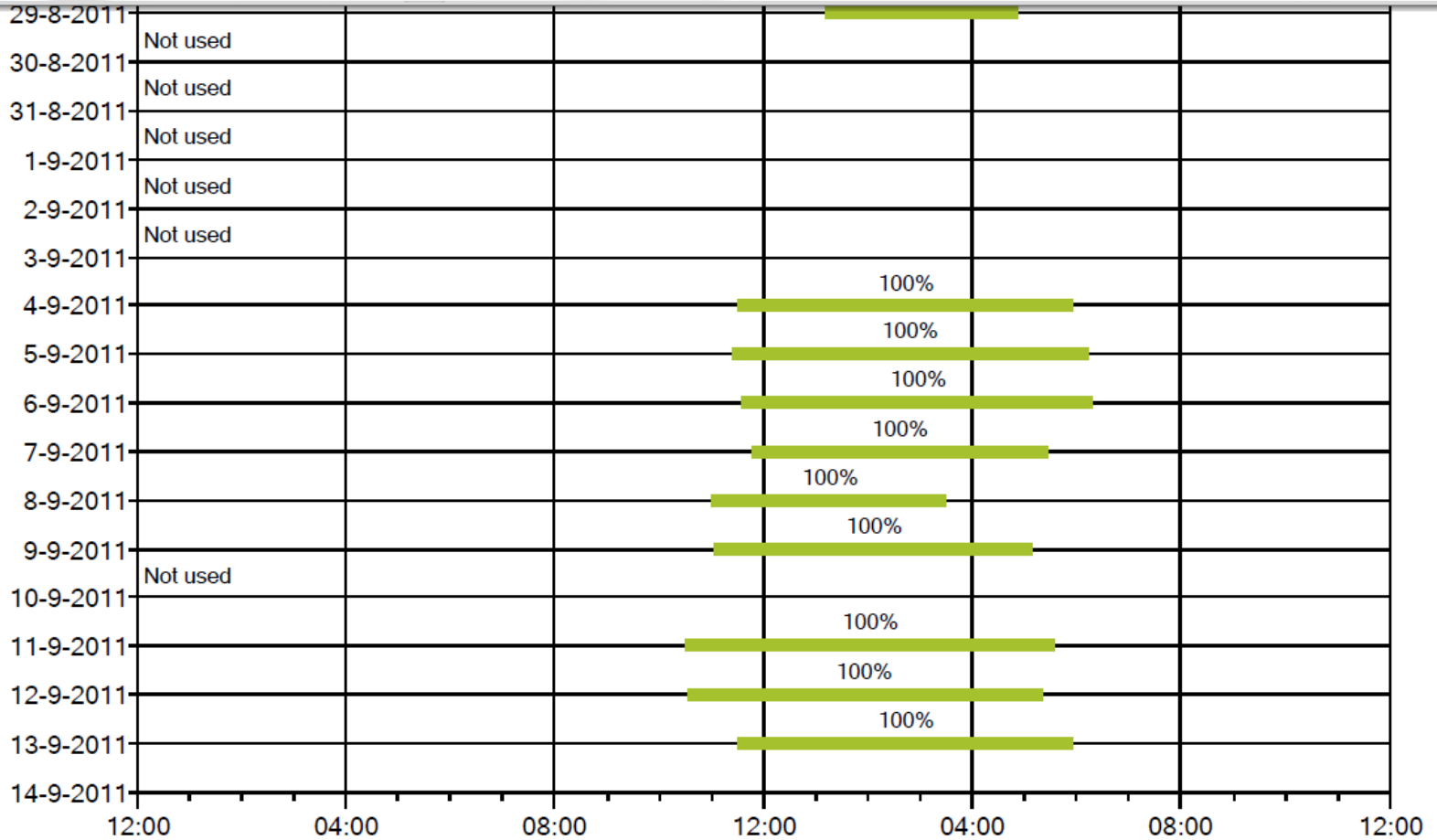
### Kleur Schaal



### Therapie Calender

Datum	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10	11	Duur	
18.09.2011 																								00:31 h	
16.09.2011 																								00:46 h	
13.09.2011 																								00:22 h	
07.09.2011 																								02:38 h	
04.09.2011 																								00:46 h	
02.09.2011 																									03:09 h
01.09.2011 																								04:31 h	
31.08.2011 																								02:06 h	
30.08.2011 																							08:03 h		
29.08.2011 																							03:32 h		
28.08.2011 																							03:34 h		

# Wat zien ik?



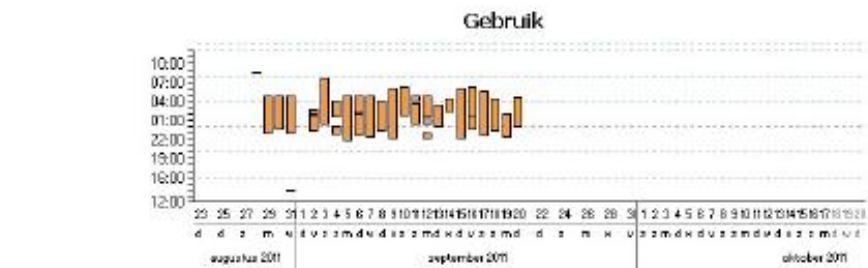
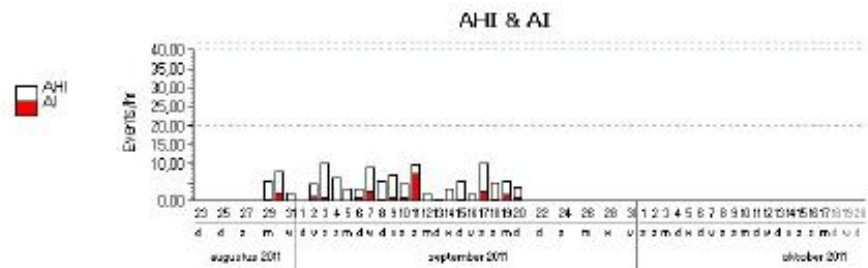
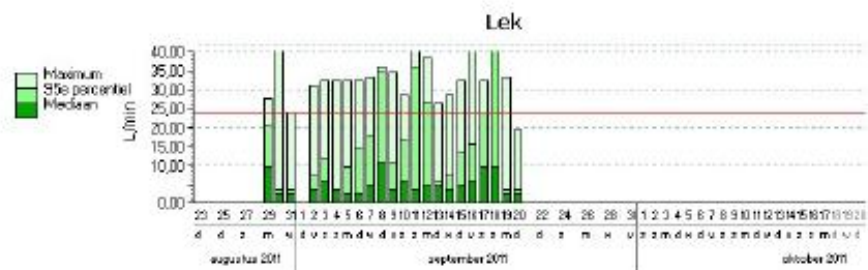
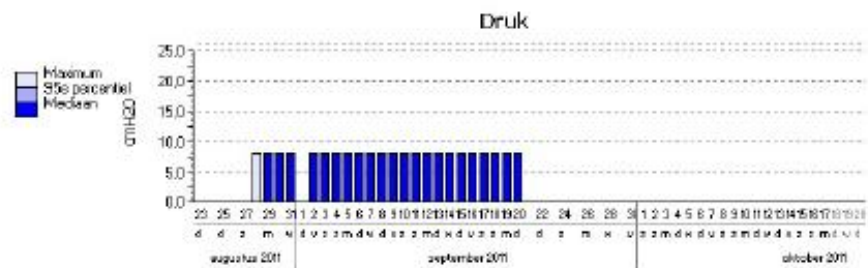
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## Overzichtsgrafieken

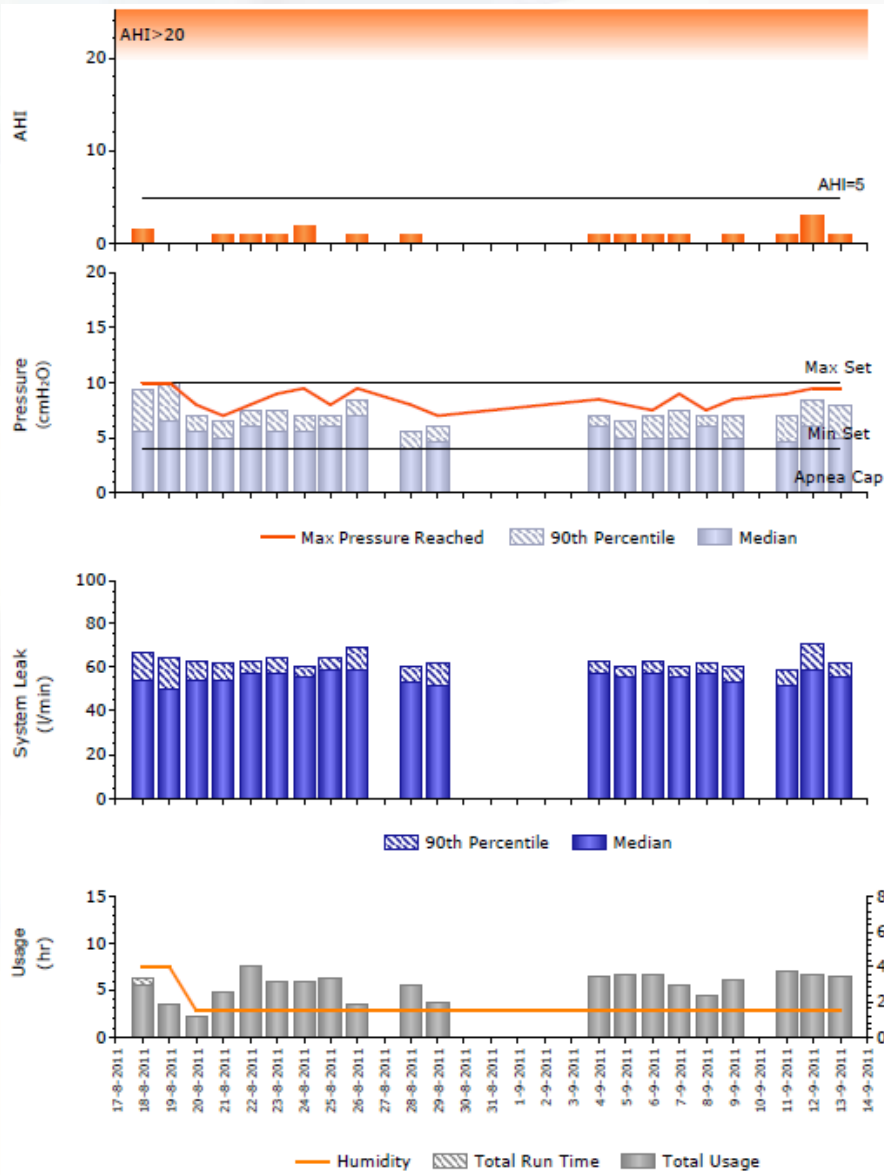


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**Events per day**  
 AHI: 0,9  
 AI:0  
 HI:0,9

**Pressure**  
 Average Median: 5,5  
 90th Percentile: 7,5

**System Leak**  
 Average Median: 55  
 90th Percentile: 63

**Usage**  
 Average: 4,1  
 Days Used: 70%

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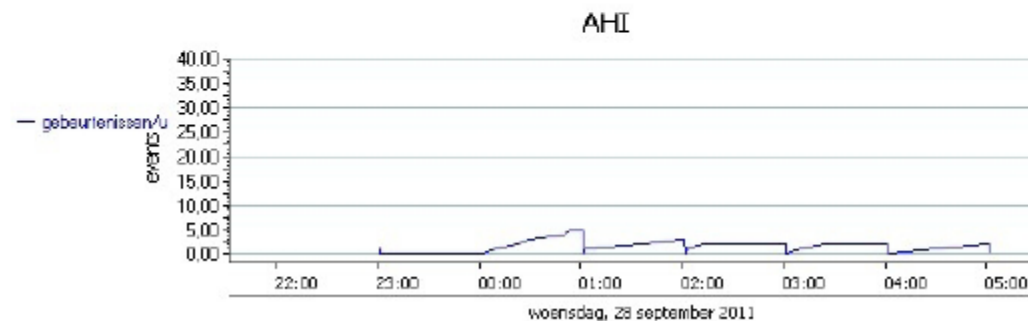
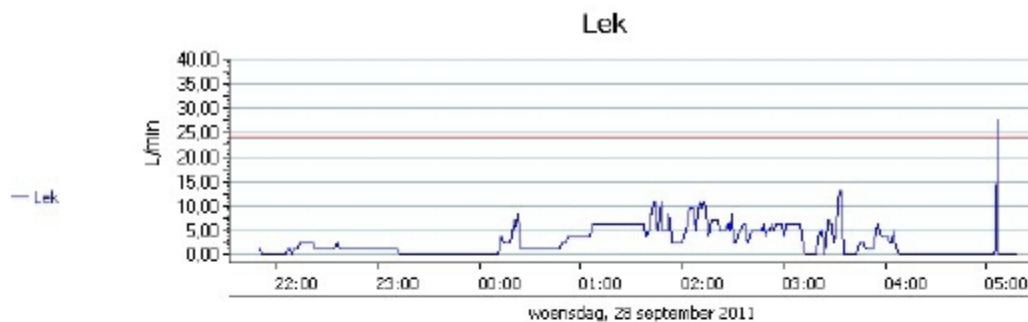
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# Wat zien ik?

## Gedetailleerde grafieken

27-9-2011

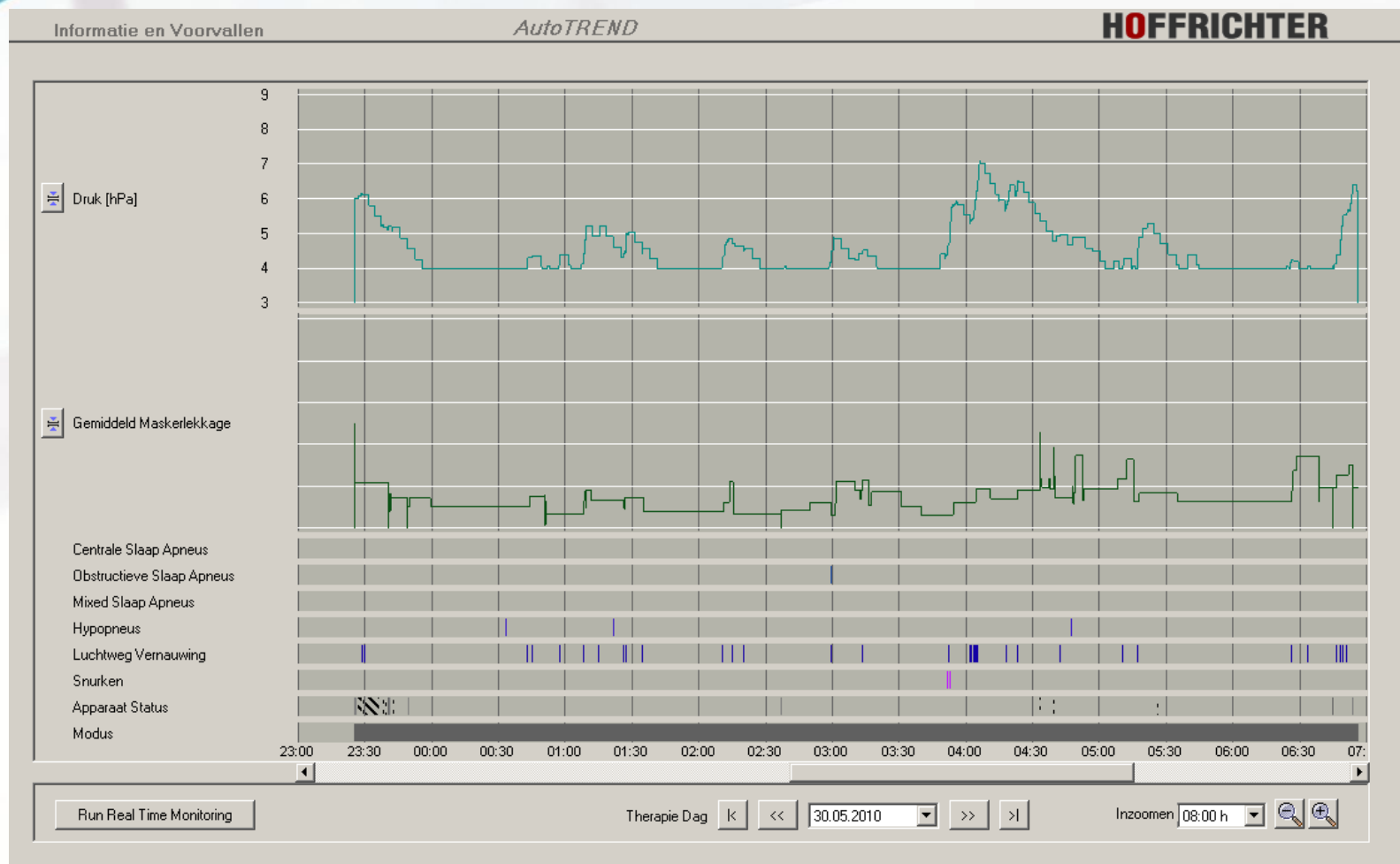


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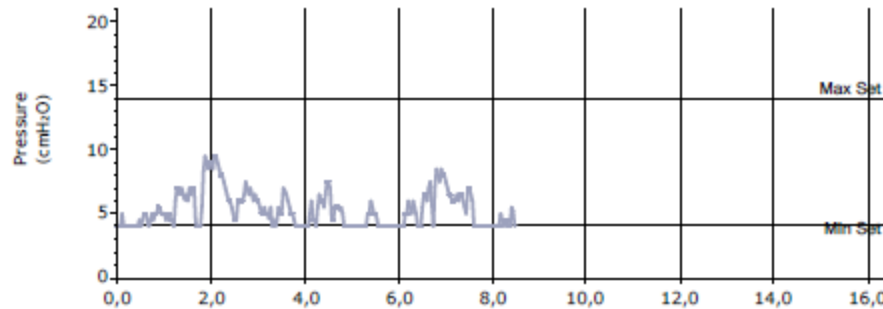
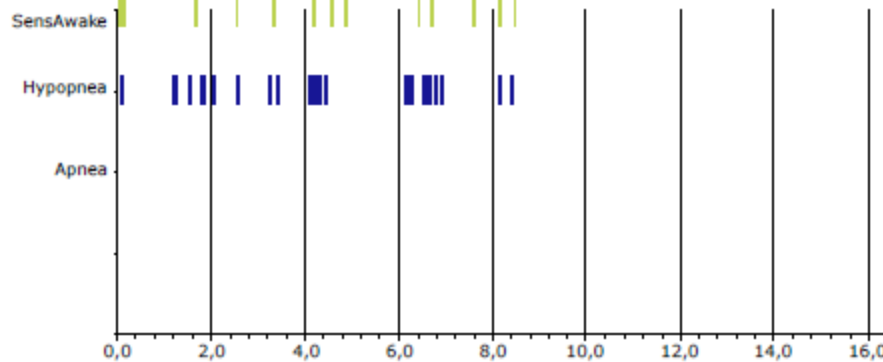
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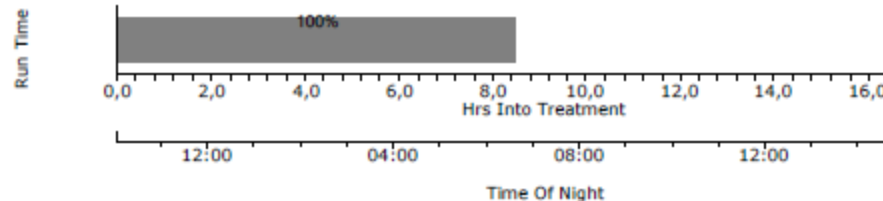
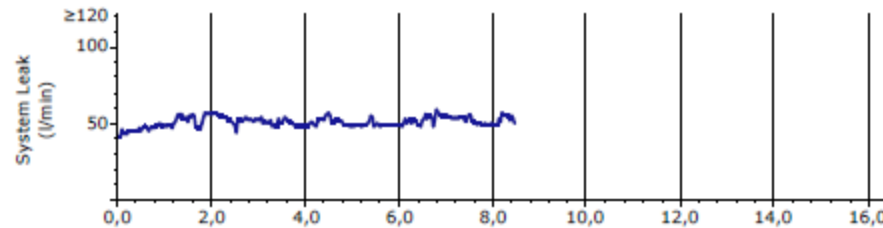
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# Wat zien ik?

zondag, oktober 2, 2011 (2-10-2011 22:04:00 - 3-10-2011 6:34:00)



Pressure Time(mins)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	178	112	96	74	26	18	6	0	0	0	0	0	0	0	0	0	0



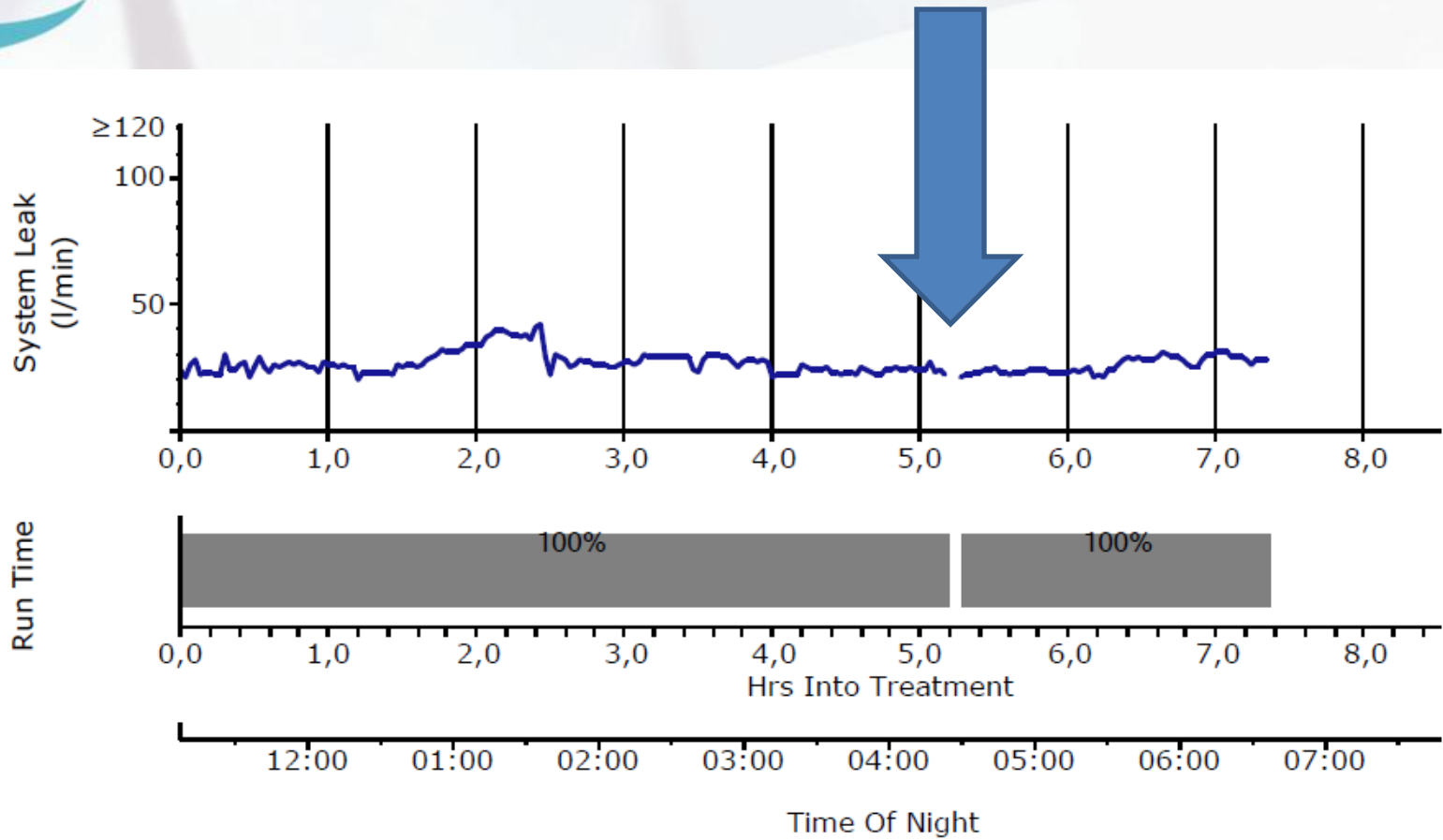
**Total SensAwake: 13**  
SensAwake/hr: 2  
**Total Hypopnea: 30**  
HI: 3  
At Above ApneaCap: 30  
At Max Pressure: 0  
**Total Apnea: 0**  
AI: 0  
At Above ApneaCap: 0  
At Max Pressure: 0  
**AHI: 3**

Pressure  
Median: 5  
90th Percentile: 7

System Leak  
Median: 50  
90th Percentile: 55  
% Time with Excessive Leak: 0%

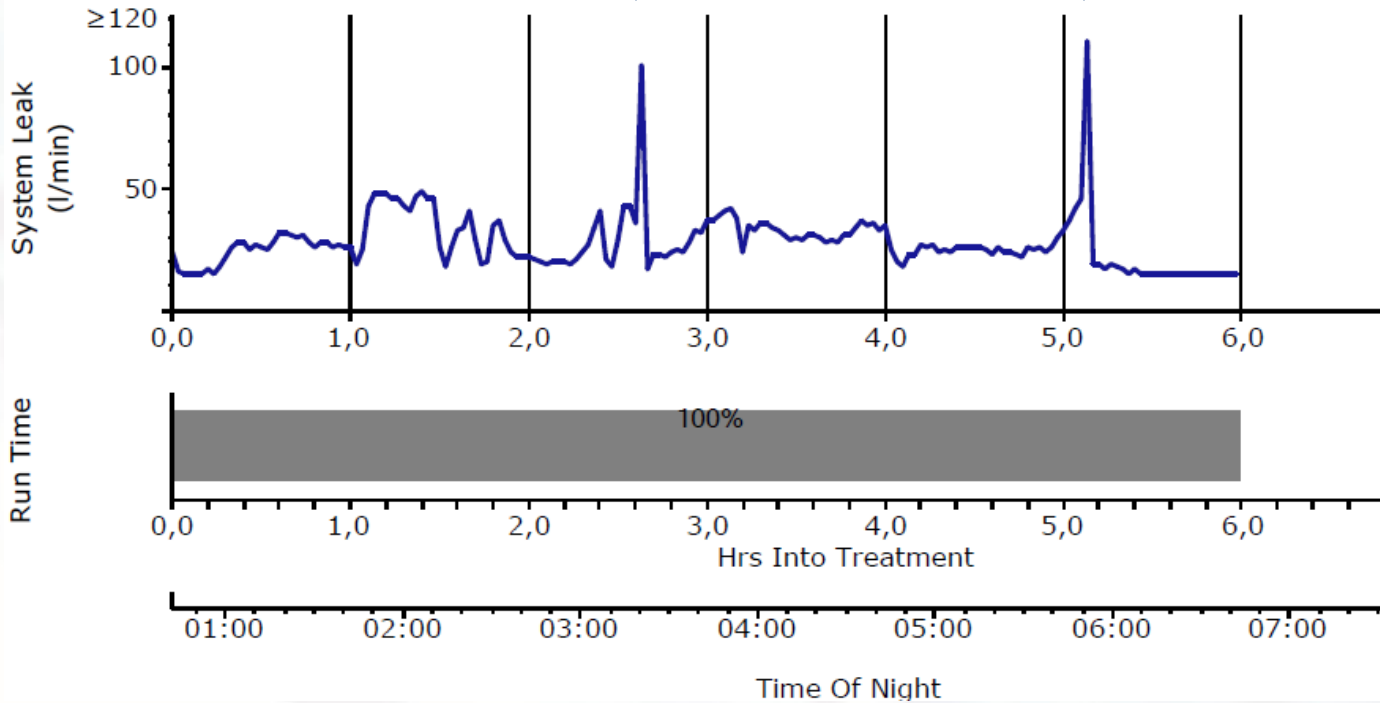
Total Usage: 8h 30m  
Total Run Time: 8h 30m  
Percentage Usage: 100%

# Wat zien ik?



## Toiletbezoek

# Wat zien ik?



## System Leak

Median: 26  
90th Percentile: 41  
% Time with Excessive Leak: 0%

Total Usage: 6h 0m  
Total Run Time: 6h 0m  
Percentage Usage: 100%

# Toiletbezoek

# Vragen

A large, bold, black question mark is the central focus of the slide. It is surrounded by several smaller, semi-transparent grey question marks of varying sizes, creating a sense of inquiry and questions.

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