



® somté night insight

See more and do more with Somte for HST

 **NEUROSPEC**
Research Neurosciences

See More and Do More

 **25** YEARS OF
SLEEP DIAGNOSTICS
EXCELLENCE
Since 1987



See More and Do More with Somté for HST

For out-of-center sleep testing for Obstructive Sleep Apnea, the Somté recorder reliably captures the basic data you need, and when you want a better insight into the patient, the Somté has more to offer. Compumedics' years of experience in HST diagnostic testing is well reflected in the design of the Somté.

Insight into sleep apnea with home sleep testing

To get the most out of home sleep testing you need a system that captures high-quality, reliable signals, is easy to use, provides quick analysis and an easy to read report. The Somté system and software were developed to provide just this type of experience. You get a better insight into sleep apnea from the quality results from the Somté.

Offering the best in Portable recording technology for Type III recording

Superior signal recording in a small, lightweight package.

Somté incorporates the best measurement technology recording, respiratory events and more:



Somte is small, patient-wearable, unobtrusive and light weight with easy setup



The 234gm Somté recorder offers an integrated, high resolution LCD screen for control functions and waveform display.

Color coded electrodes/sensors for user friendly application.

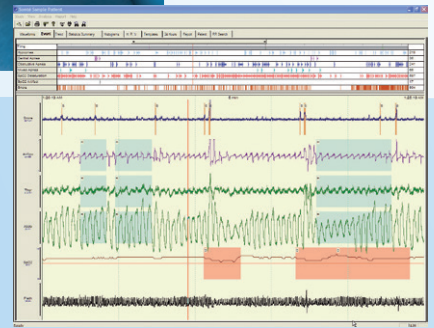
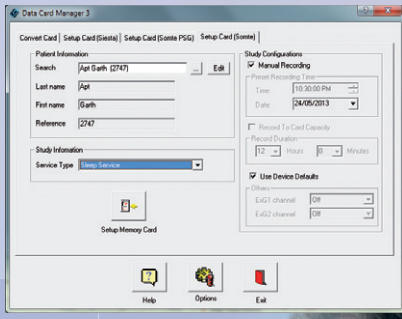
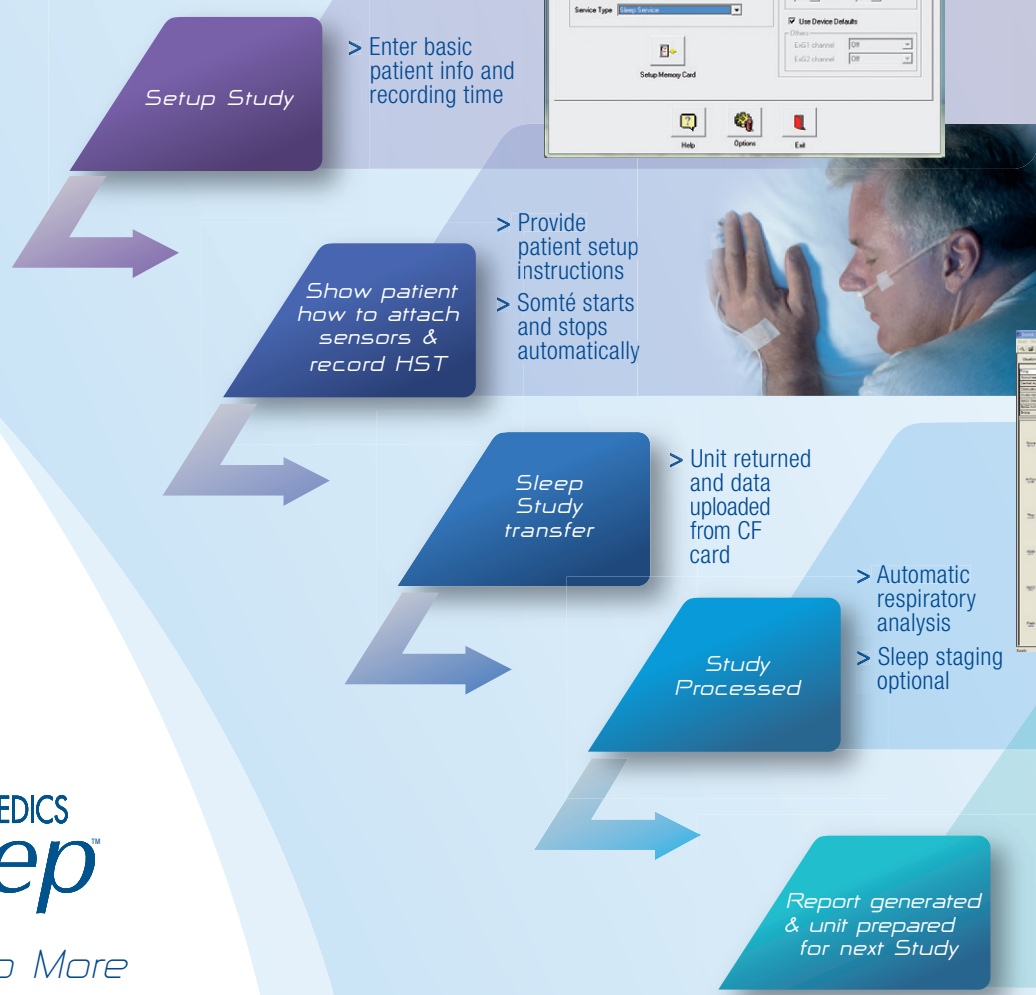
Sleep Time versus Recording Time

In patients with mild to moderate OSA, it may be critical to document actual sleep time during an HST study to obtain a more accurate RDI value. With the Somté you have the option of recording extra channels to determine sleep/wake or even NREM/REM recording an EEG/EOG channel using the available ProFusion PSG Somté Edition software.*



* (A. Thornton, P. Singh, C.Sargent; Laboratory validation of a modified polysomnography device. *Sleep Medicine* 2006; 7 (2)

Somté setup, recording, analysis and reporting in five easy steps



SOMTE SAMPLE REPORT
COMPUMEDICS

Patient Name: George Robert Reference: 0000 Study Date: 11/02/08

Study Information	Name: Sample Patient	Study Date: 11/02/08
Study Number:	Study of Part 13	Study Date: 11/02/08
Recording System:	Compumedics Somte	Study Date: 11/02/08
Start of Sleep Period:	23:00	End of Sleep Period: 05:00
End of Sleep Period:	05:00	End of Study Date: 11/02/08

Respiratory Events Summary					
Event	Count	Apnea	Hyperapnea	Respiratory Disturbance	Apnea-Hypopnea
Apnea	0	0	0	0	0
Hyperapnea	0	0	0	0	0
Respiratory Disturbance	0	0	0	0	0
Apnea-Hypopnea	0	0	0	0	0
Total	0	0	0	0	0

SpO2 Summary					
Parameter	Min	Max	Avg	SD	CV
SpO2	95	100	98	2	2
SpO2 (Mean)	95	100	98	2	2
SpO2 (SD)	95	100	98	2	2
SpO2 (CV)	95	100	98	2	2
SpO2 (Min)	95	100	98	2	2
SpO2 (Max)	95	100	98	2	2
SpO2 (Avg)	95	100	98	2	2
SpO2 (SD)	95	100	98	2	2
SpO2 (CV)	95	100	98	2	2

Respiration Statistics					
Parameter	Min	Max	Avg	SD	CV
Respiration	0	100	50	10	20
Respiration (Mean)	0	100	50	10	20
Respiration (SD)	0	100	50	10	20
Respiration (CV)	0	100	50	10	20
Respiration (Min)	0	100	50	10	20
Respiration (Max)	0	100	50	10	20
Respiration (Avg)	0	100	50	10	20
Respiration (SD)	0	100	50	10	20
Respiration (CV)	0	100	50	10	20

SpO2

COMPUMEDICS Sleep
See More and Do More

See the full range of Compumedics Sleep products at : www.compumedics.com



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