

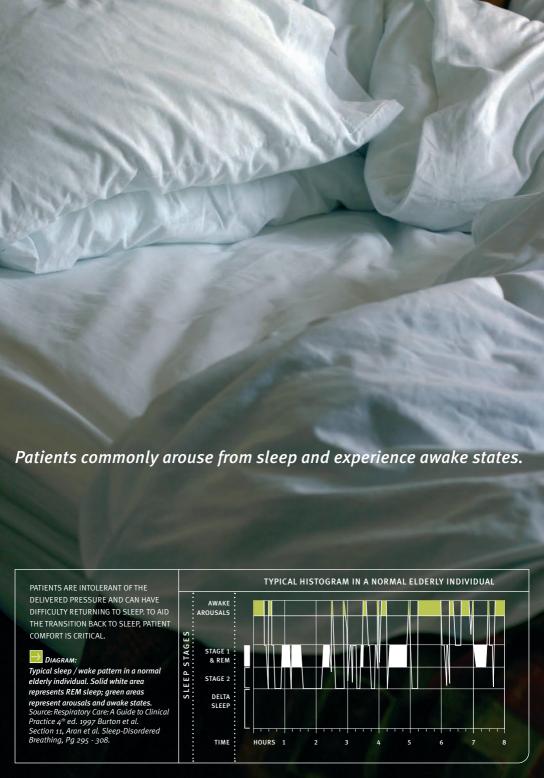
SensAwake Sensitive to Sleep

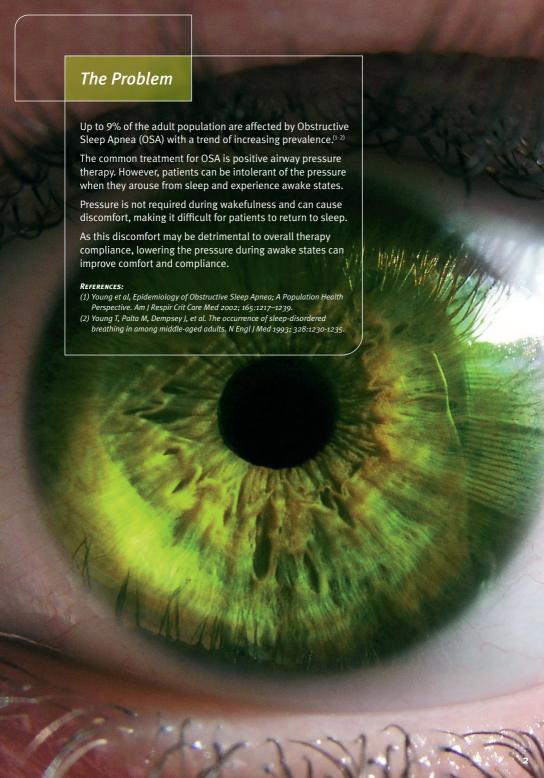


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SleepStyle 200

The SleepStyle" 200 Auto Series provides pressure on demand and innovative SensAwake" Technology to personalize sleep treatment to patients' needs.



SensAwake[™]

Introducing **SensAwake**™



IMPROVE THERAPY UPTAKE.

UNIQUE SENSAWAKE™ TECHNOLOGY SENSES THE CRITICAL AWAKE STATE OF PATIENTS AND PROMPTLY REDUCES THE DELIVERED PRESSURE TO THE LOWEST, MOST COMFORTABLE LEVEL. TREATMENT IS PERSONALIZED DURING SLEEP AND AWAKE STATES. SENSAWAKE™ MAKES RETURNING TO SLEEP EASIER TO INCREASE SLEEP QUALITY AND TO ULTIMATELY





AMBIENT TRACKING® PLUS

AMBIENT TRACKING® PLUS TECHNOLOGY PROVIDES EFFECTIVE HUMIDIFICATION UNDER CHANGING CONDITIONS.
THIS HUMIDIFICATION TECHNOLOGY COMPENSATES FOR CHANGING TEMPERATURES AND HUMIDITY LOSS DURING LEAKS.

The Solution

SensAwake™

The SleepStyle™ 200 Auto Series uses unique SensAwake™ Technology to sense the critical awake state of patients and promptly reduce the delivered pressure to the lowest, most comfortable level. Through the combination of SensAwake™ and the advanced auto-adjusting system, treatment is personalized during sleep and awake states. This makes returning to sleep easier to increase sleep quality and ultimately improve therapy uptake.

senses the changes in breathing between sleep and awake states.



Irregular respiration has been identified as a marker of wakefulness. Research has shown an automated technique can identify wakefulness.⁽³⁾

The versatile SleepStyle™ 200 Auto Series offers titration and long-term treatment solutions for patients. The auto-adjusting algorithm detects and effectively responds to flow limitations, apneas and hypopneas. This enables the SleepStyle™ 200 Auto Series to automatically adjust its pressure to enable your patients to sleep easier.

REFERENCE:

(3) Ayappa I, Norman R, Whiting D, et al. Automated detection of irregular respiration: A marker of wakefulness. Sleep Medicine 7 2006; S83.

FIGURE 1:

Pattern of regular breathing seen during non-REM sleep in the absence of sleep-disordered breathing.

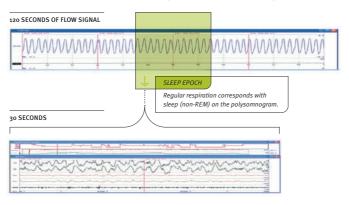
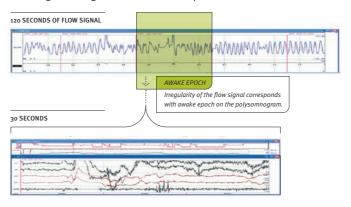


FIGURE 2: Irregularity of the airflow signal during a transition from sleep to wake.



REFERENCES:

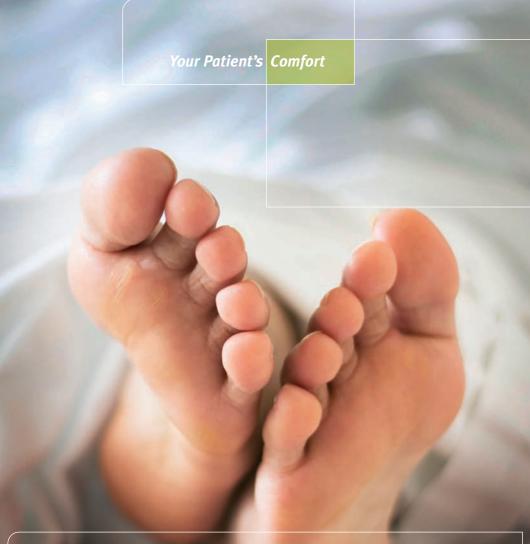
(4) Norman R, Ayappa I, Whiting D, et al. Irregular respiration as a marker of anxious wakefulness. ATS 2005 International Conference. San Diego, California, USA, 2005; A64. (5) Ayappa I, Norman R, Whiting D, et al. Automated detection of irregular respiration: A marker of wakefulness. Sleep Medicine 7 2006; S83. (6) Yagontzas A and Kales A. Sleep and its disorders. Annual Review of Medicine 1999; 50:387-400.

(b) Figure 23 Traina Rates 71. Steep and RS also acis. Tillinaal Review of Medicine 1999, 30.307 40.

IRREGULAR RESPIRATION AS A MARKER OF WAKEFULNESS:

Sleep in the absence of disordered breathing is marked by regular respiration (Fig. 1). Transient ventilatory irregularities often occur at the transition from sleep to awake states (Fig. 2).⁽⁴⁾ SensAwake™ automatically detects these sleep/wake transitions using a sophisticated algorithm.⁽⁵⁾ Upon detecting the awake state the pressure is promptly reduced, to alleviate discomfort and facilitate a rapid return to sleep.

SensAwake^m is a technological breakthrough in the delivery of positive airway pressure. The SensAwake^m algorithm is intuitive⁽⁵⁾ and pays particular attention to the withdrawal of pressure in the awake state. SensAwake^m personalizes therapy to the patient's unique sleep pattern.⁽⁶⁾





YOUR PATIENT'S COMFORT



PERSONALIZED PRESSURE



IT HAS BEEN SHOWN THAT PATIENT COMFORT IS INCREASED WITH THE USE OF PERSONALIZED PRESSURE⁽⁷⁾ AND HEATED HUMIDIFICATION.(8)



PATIENTS RECEIVE EFFECTIVE AND COMFORTABLE TREATMENT DUE TO ADVANCED PERSONALIZED

PRESSURE DELIVERY THAT ADJUSTS TO SUIT THEIR NEEDS DURING SLEEP AND AWAKE STATES.



EFFECTIVE HUMIDIFICATION UNDER CHANGING CONDITIONS IS ACHIEVED BY AMBIENT

TRACKING® PLUS, MINIMIZING DISRUPTIVE CONDENSATION AND MAXIMIZING HUMIDITY TO PREVENT NASAL DISCOMFORT.

- (7) Haniffa M, Lasserson TJ, Smith I. Interventions to improve compliance with continuous positive airway pressure for obstructive sleep apnea.

 Cochrane database of systemic reviews. 2004, Issue 4 Art. No.:CD003531. DOI: 10.1002/t4651858.CD003531 pub2. Marrone O, Resta O,

 Salvaggio A, et al. Preference for fixed or automatic CPAP in patients with obstructive sleep apnea. Sleep Medicine 2004; 5(3):247-251.

 (8) Massie CA, Hart RW, Peralez K, et al. Effects of humidification on nasal symptoms and compliance in sleep apnea patients using continuous



Managing Your Patients



Ambient

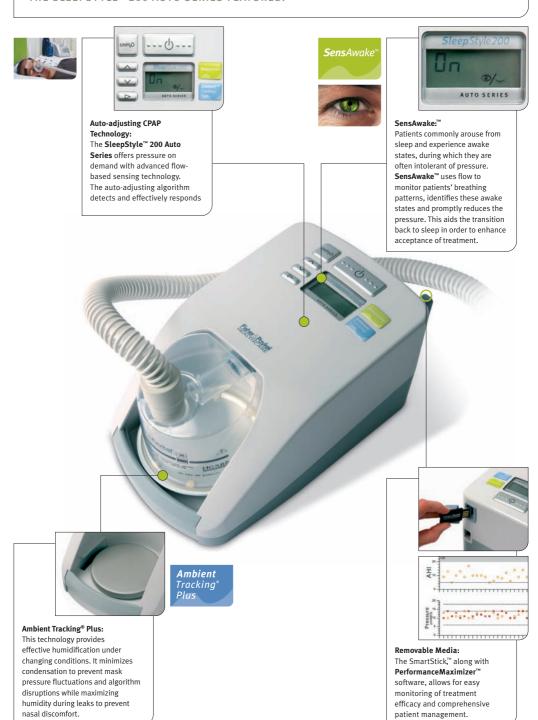
All Fisher & Paykel Healthcare products are designed to deliver real benefits for you and your patients. The SleepStyle™ 200 Auto Series is an advanced auto-adjusting system designed to enhance patient comfort and improve therapy uptake while contributing to the efficiencies of your service(s).

It employs a number of innovative features that minimize set-up times and patient follow-up. Analysis of therapy is streamlined by the new patient efficacy reporting software, **PerformanceMaximizer.™** The **SmartStick™** offers easy monitoring of treatment parameters for comprehensive

The table below shows the range of performance features available in the SleepStyle[™] 200 Auto Series:

SleepStyle™ 200 Auto Series			
Performance Category		Performance Feature	
Pressure Control	Α	Auto-adjusting CPAP	•
	В	SensAwake™Technology	•
	С	Altitude Adjustment Control – Manual	•
	D	Leak Compensation	•
Humidification Delivery	E	Fully Integrated System	•
	F	Ambient Tracking® Plus	•
Performance Logging	G	PerformanceMaximizer [™] Software	•
	Н	SmartStick™ – Removable Media	•

THE SLEEPSTYLE™ 200 AUTO SERIES FEATURES:



For more information, please contact your local Fisher & Paykel Healthcare representative:

Fisher & Paykel Healthcare has a policy of continuous product improvement and reserves the right to alter specifications without notice. Patented in principal countries of the world.

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