SensAwake™
Sensitive to Sleep

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SleepStyle
SLEEP PERFORMANCE FOR AN ENERGIZED LIFESTYLE

Fisher & Paykel
HEALTHCARE
Patients commonly arouse from sleep and experience awake states.

**Diagram:**
Typical sleep / wake pattern in a normal elderly individual. Solid white area represents REM sleep; green areas represent arousals and awake states.
Section 11, Aran et al. Sleep-Disordered Breathing, Pg 295 - 308.
Up to 9% of the adult population are affected by Obstructive Sleep Apnea (OSA) with a trend of increasing prevalence.\(^1\)\(^2\)

The common treatment for OSA is positive airway pressure therapy. However, patients can be intolerant of the pressure when they arouse from sleep and experience awake states.

Pressure is not required during wakefulness and can cause discomfort, making it difficult for patients to return to sleep.

As this discomfort may be detrimental to overall therapy compliance, lowering the pressure during awake states can improve comfort and compliance.

References:
The **SleepStyle™ 200 Auto Series** provides pressure on demand and innovative **SensAwake™** technology to personalize sleep treatment to patients’ needs.

**SensAwake™** senses the changes in breathing between sleep and awake states.

**Ambient Tracking® Plus** technology provides effective humidification under changing conditions. This humidification technology compensates for changing temperatures and humidity loss during leaks.

**SleepStyle™ 200 Auto Series** provides pressure on demand and innovative **SensAwake™** technology to personalize sleep treatment to patients’ needs.

**Introducing SensAwake™**

**SENSAWAKE™**

**Ambient Tracking® Plus**

**AMBIENT TRACKING® PLUS**

**SENSAWAKE™**

**Ambient Tracking® Plus** technology provides effective humidification under changing conditions. This humidification technology compensates for changing temperatures and humidity loss during leaks.

**SENSAWAKE™** 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 improve therapy uptake.

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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:**
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). SensAwake™ automatically detects these sleep/wake transitions using a sophisticated algorithm. Upon detecting the awake state the pressure is promptly reduced, to alleviate discomfort and facilitate a rapid return to sleep.

SensAwake™ is a technological breakthrough in the delivery of positive airway pressure. The SensAwake™ algorithm is intuitive and pays particular attention to the withdrawal of pressure in the awake state. SensAwake™ personalizes therapy to the patient’s unique sleep pattern.

**References:**


**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). SensAwake™ automatically detects these sleep/wake transitions using a sophisticated algorithm. Upon detecting the awake state the pressure is promptly reduced, to alleviate discomfort and facilitate a rapid return to sleep.

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Your Patient’s Comfort

It has been shown that patient comfort is increased with the use of personalized pressure and heated humidification.

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.

References:
Upon waking, comfort is critical to aid the transition back to sleep. The SleepStyle™ 200 Auto Series is designed for enhanced patient comfort.

Patients receive effective and comfortable therapy with personalized pressure delivery and humidification during sleep and awake states. Personalized therapy enhances the quality of sleep and encourages improved patient compliance.
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 patient management.

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

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**Ambient Tracking® Plus:**
This technology provides effective humidification under changing conditions. It minimizes condensation to prevent mask pressure fluctuations and algorithm disruptions while maximizing humidity during leaks to prevent nasal discomfort.

**Auto-adjusting CPAP Technology:**
The SleepStyle™ 200 Auto Series offers pressure on demand with advanced flow-based sensing technology. The auto-adjusting algorithm detects and effectively responds.

**SensAwake™:**
Patients commonly arouse from sleep and experience awake states, during which they are often intolerant of pressure. SensAwake™ uses flow to monitor patients’ breathing patterns, identifies these awake states and promptly reduces the pressure. This aids the transition back to sleep in order to enhance acceptance of treatment.

**Removable Media:**
The SmartStick™ along with PerformanceMaximizer™ software, allows for easy monitoring of treatment efficacy and comprehensive patient management.
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