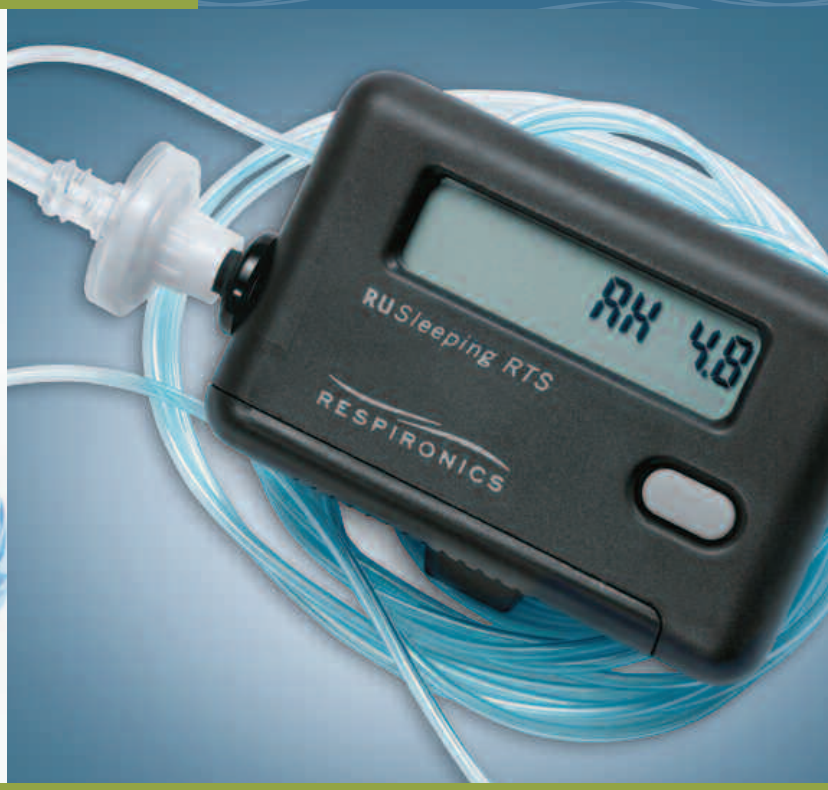
RESPIRONICS®



THE WAIT IS OVER.

NOW THERE IS AN IN-HOME REAL-TIME SCREENER FOR APNEIC EVENTS

You now have an immediate solution to offer your patients who are on a waiting list for a PSG. The RUSleeping RTS is an easy-to-use, same-day, objective method for patients who have been recommended for a PSG but can't be scheduled right away due to facility backlog. You can now quickly create a relationship with patients, and know their apneic (AH) scores, before their PSG.

Referring physicians can use the device to pre-screen patients for apneic events. Based on the patient's overnight score, the physician can easily tell if the patient is a likely candidate for an immediate PSG.

RU*Sleeping*™ *RTS*

RU*Sleeping RTS*

Immediate Knowledge of Apneic Events – Helps You and Your Patients

The RUSleeping RTS is an in-home objective screening device that provides real-time results. Through immediately discovering if patients have a low or high apneic score, you can quickly and easily determine their need for a PSG. By having this objective information to discuss with patients, you can relate the link between their apneic results and the possibility of sleep apnea. This may help to overcome their reluctance about the need for a complete PSG and get them one step closer to diagnosis and treatment. The device has been validated against PSG*.

Convenient, Compact and Continuous

The lightweight and compact device provides continuous apneic event scoring. It is convenient to operate and can be re-used. No accessory equipment, software or electrical outlet is needed. Patient instructions are short and simple.

How it Works

The unit gets clipped to the patient's garment, or positioned on the bed or pillow. The patient attaches the nasal cannula and installs the battery in the unit. Respiratory airflow pressure at the nose is sensed via the cannula and the device starts to record apneic events. When breathing decreases 50 percent or more for 10 seconds or longer, it is considered an apneic event and is recorded on the LCD readout.

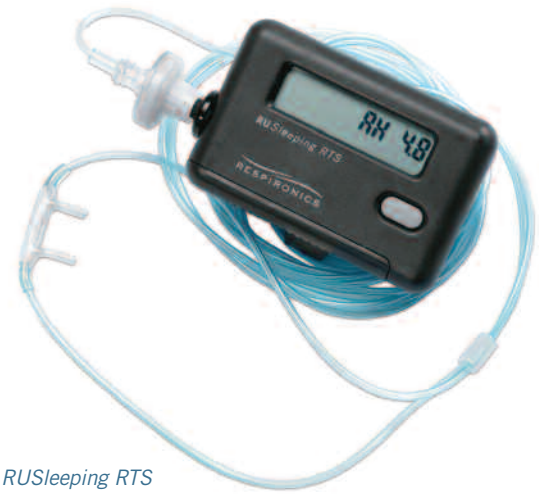
Upon awakening, the total nightly apneic events are displayed. The patient presses a button to see the average hourly apneic events. Pressing the button again displays the number of events by hour. The patient reviews the scores and mails or calls in the information. It's that simple. There is no additional software or interpretation needed. The device can be worn repeatedly to validate the first night's readings. If you are satisfied with the results, have the patient mail back the device.

Objective Screening – Complements Other Methods

The RUSleeping RTS is an objective device designed to be used to supplement other subjective screening methods such as questionnaires and diaries. Together, these provide a comprehensive screening to help assess the need for a PSG.

Special Features

- Displays:
  - average hourly apneic events
  - total nightly apneic events
  - apneic events by hour
- Advanced airflow-pressure technology
- Reusable
- Direct readout; no software required
- On-screen visual status indicator
- Nine-hour recording time
- Error detection capability (if the cannula becomes displaced from the nose or is unable to sense adequate airflow for 12 minutes, an error message is displayed on the LCD for each hour of monitoring in which the condition occurred)
- Single button memory recall (press a button to recall the AH and hourly data)



Respironics' RUSleeping RTS

Product Specifications	
Size	3" w x 2" h x .35" d
Weight	1.7 ounces (without battery)
Battery	1.5 V DC AAA battery
Storage Capacity	9 hours of recording time

Ordering Information	
Item	**Part Number**
RUSleeping RTS	1037683

Accessories	
Item	**Part Number**
Pro-Tech Nasal Cannula	P1259 (case of 60)
User's Guide/Response Card	1037755 (qty: 75)

References

Gorny, S.W., Allen, R.P. & Krausman, D.T. (2000). Evaluation of an unattended monitoring system for automated detection of sleep apnea. *Sleep*, 23 (*supplement 2*), A369.

Gorny, S.W., Spiro, J.R., Phillips, B., Allen, R.P. & Krausman, D.T. (2001). Initial findings from a multi-site evaluation of an unattended monitoring system for automatic detection of sleep disordered breathing events. *Sleep*, 24 (*supplement*), A387.

Spiro, J.R., Gorny, S.W., Allen, R., & Krausman, D.T. (2002). Pilot evaluation of an ambulatory airflow pressure monitor for immediate identification of sleep disordered breathing events. *Sleep*, 25 (*supplement*), A275.

de Almeida, F.R., N. T. Ayas, R. Otsuka, H. Ueda, P. Hamilton, F.C. Ryan, A. A. Lowe. The University of British Columbia and Vancouver General Hospital, Nasal pressure recordings to detect obstructive sleep apnea. *Sleep Breath* (2006) 10:62-69.

*Based upon an internal study of 25 patients, the RUSleeping RTS has a 92% sensitivity and a 77% specificity when compared to a PSG if a cut-off AH of 15 on the RUSleeping RTS is used as the indication of OSA.

RESPIRONICS®

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