Sleep-disordered breathing (SDB) is recognized as a serious health problem that impacts approximately 42 million US adults. More than 80% remain undiagnosed, and many barriers prevent patients from getting access to therapy.¹

Now, the detection of this chronically debilitating condition has been made easier with the ApneaLink Plus, a Type II home sleep testing diagnostic device, the latest addition to the ApneaLink family of diagnostic products and accessories.

The ApneaLink devices provide you with a cost-effective, easy-to-use method of diagnosing or screening patients for obstructive sleep apnea (OSA) in the home.

The device reports apneas, hypopneas, flow limitation, snoring, blood oxygen saturation and the probability of Cheyne-Stokes respiration (CSR) breathing patterns within the recording.

**ResMed's ApneaLink™ devices are the easy choice in OSA diagnosis**

Simple, cost-effective and reliable results. The ApneaLink™ improves patient care by providing easy access to treatment while helping you grow your sleep apnea business.

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### Accessories

- **Sleep apnea business.**
- **Simple, cost-effective and reliable results.**

ResMed's ApneaLink™ devices are simple, fast and easy to use

**New features for clearer diagnosis, time savings and potential increased reimbursement.**

The ApneaLink Plus with EasySense technology, a unique respiratory effort sensor, is a simple, low-cost portable home sleep test diagnostic device that records up to four channels of information: respiratory effort, pulse, oxygen saturation and nasal flow.

- **Effort belt with EasySense respiratory effort sensor**
- **Enhanced recorder light status; improved start/stop button**
- **Simple, easy-to-use component connectors**
- **Same robust design as ApneaLink**

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### ApneaLink vs ApneaLink Plus

**Feature Comparison**

<table>
<thead>
<tr>
<th>Feature Comparison</th>
<th>ApneaLink</th>
<th>ApneaLink Plus</th>
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<tbody>
<tr>
<td>Type III Device</td>
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<tr>
<td>MAI</td>
<td></td>
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<tr>
<td>CAI</td>
<td></td>
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<tr>
<td>OAI (Obstructive apnea index)</td>
<td></td>
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<tr>
<td>UAI (Unclassified apnea index)</td>
<td></td>
<td></td>
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<tr>
<td>ODI (Oxygen desaturation index)</td>
<td>Optional with</td>
<td></td>
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<tr>
<td>●● Snoring events</td>
<td></td>
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<tr>
<td>●● Flow limit with sn (FS)</td>
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<td></td>
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<tr>
<td>●● Flow limit without sn (FL)</td>
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<tr>
<td>●● Apnea index</td>
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<tr>
<td>●● Risk indicator</td>
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<tr>
<td>●● Apnea–hypopnea index</td>
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<tr>
<td>●● Type III Device</td>
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<tr>
<td>Type IV Device</td>
<td></td>
<td>ApneaLink</td>
</tr>
</tbody>
</table>

**MAI**

- **Cheyne-Stokes probability detection**
- 3 levels: high, medium, low

**CAI**

- **Cheyne-Stokes probability detection**
- 3 levels: high, medium, low

**OAI**

- **Cheyne-Stokes probability detection**
- 3 levels: high, medium, low

**UAI**

- **Cheyne-Stokes probability detection**
- 3 levels: high, medium, low

**MAI**

- **Cheyne-Stokes probability detection**
- 3 levels: high, medium, low

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### ApneaLink Plus additional features:

- **Differentialization of apneas to: obstructive, central, mixed, unclassified apnea index.**
- **New “ programming page: EasySense respiratory effort sensor, pulse oximetry, sleep apnea event type**
- **Add your business logo**
- **Detailed patient results**
- **Manually score results**
- **Further in-lab diagnosis**
- **Cheyne-Stokes probability detection**
- **RDI (Respiratory disturbance index) and AHI (Apnea–hypopnea index) derived apnea–hypopnea index (AHI), flow limitation, snoring and oxygen desaturation index (ODI)**

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### Validation of ApneaLink as screening device for sleep-disordered breathing

**MicroMESAM** as an objective, reliable tool to screen for obstructive sleep apnea (OSA). The ApneaLink device provides reliable information, is simple to use, and highly sensitive and specific in calculating AHI when compared with the AH-oct, a validated polysomnography device.

**ApneaLink Plus**

- **ApneaLink Plus additional feature:**
  - **Automatic analysis:**
    - **Apnea–hypopnea index (AHI), flow limitation, snoring and oxygen desaturation index (ODI)**
    - **Obstructive apnea index**
    - **Central apnea index**
    - **Unclassified apnea index**
    - **Mixed apnea index**

**Extension:**

- **ApneaLink Plus additional feature:**
  - **Automatic analysis:**
    - **Apnea–hypopnea index (AHI), flow limitation, snoring and oxygen desaturation index (ODI)**
    - **Obstructive apnea index**
    - **Central apnea index**
    - **Unclassified apnea index**
    - **Mixed apnea index**

**ApneaLink Plus validation for the screening of sleep apnea:**

The ApneaLink Plus has been validated in several studies worldwide

**Validation of MicroMESAM as an objective, reliable tool to screen for obstructive sleep apnea (OSA):**

- **ApneaLink device provides reliable information, is simple to use, and highly sensitive and specific in calculating AHI when compared with the AH-oct, a validated polysomnography device.**

**Validation of ApneaLink Plus as screening device for sleep-disordered breathing:**

- **ApneaLink Plus pneumatic sensor is equivalent, while the application of RIP belts under a PSG study, the information provided by the ResMed device appears to be much simpler. The algorithms to detect respiratory events worked properly and reliably through the entire study.**

**Validation of the ApneaLink for the screening of sleep apnea: A novel and simple single-channel recording device:**

- **The ApneaLink device provides reliable information, is simple to use, and highly sensitive and specific in calculating AHI when compared with the AH-oct, a validated polysomnography device.**

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### Detailed Signal View

**Expansion of signal overview:**

- **Signals:**
  - **Pulse**
  - **Oxygen saturation**
  - **Respiratory effort**
  - **Nasal flow**

**Expanded view:**

- **Signals:**
  - **Pulse**
  - **Oxygen saturation**
  - **Respiratory effort**
  - **Snore**
  - **Nasal flow**

**Full night view:**

- **Signals:**
  - **Pulse**
  - **Oxygen saturation**
  - **Respiratory effort**
  - **Snore**
  - **Nasal flow**

**Detailed Signal View:**

- **Signals:**
  - **Pulse**
  - **Oxygen saturation**
  - **Respiratory effort**
  - **Snore**
  - **Nasal flow**

**Validation of ApneaLink as an objective, reliable tool to screen for obstructive sleep apnea (OSA):**

- **ApneaLink device provides reliable information, is simple to use, and highly sensitive and specific in calculating AHI when compared with the AH-oct, a validated polysomnography device.**

**Validation of ApneaLink Plus as screening device for sleep-disordered breathing:**

- **ApneaLink Plus pneumatic sensor is equivalent, while the application of RIP belts under a PSG study, the information provided by the ResMed device appears to be much simpler. The algorithms to detect respiratory events worked properly and reliably through the entire study.**

**Validation of the ApneaLink for the screening of sleep apnea: A novel and simple single-channel recording device:**

- **The ApneaLink device provides reliable information, is simple to use, and highly sensitive and specific in calculating AHI when compared with the AH-oct, a validated polysomnography device.**

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**ApneaLink Plus validation for the screening of sleep apnea:**

- **ApneaLink Plus pneumatic sensor is equivalent, while the application of RIP belts under a PSG study, the information provided by the ResMed device appears to be much simpler. The algorithms to detect respiratory events worked properly and reliably through the entire study.**

**ApneaLink Plus validation for the screening of sleep apnea:**

- **ApneaLink Plus pneumatic sensor is equivalent, while the application of RIP belts under a PSG study, the information provided by the ResMed device appears to be much simpler. The algorithms to detect respiratory events worked properly and reliably through the entire study.**