An innovative daytime therapy which targets the root cause of mild obstructive sleep apnea and snoring.
eXciteOSA® is an innovative therapy that addresses oral muscle function, unlike traditional therapies.

Daytime stimulation prevents excessive muscle relaxation during sleep, reducing upper airway collapse.

eXciteOSA® is a mild, user-controlled neuromuscular electrical stimulator (NMES). The electrical current has defined frequencies to stimulate and improve muscle function of the tongue.

Results from multiple clinical trials have proven that muscle activity can be improved with electrical stimulation technology. 


No nighttime wearables are necessary, which results in high adherence with a therapy regime.

1. The eXciteOSA® mouthpiece is attached to the control unit and then placed into the mouth. It is controlled by the app.

2. The app activates the electrodes in the mouthpiece via the control unit; electrical pulses stimulate the tongue muscle and improve muscle function.

3. The app monitors how often the patient has used the device and supports adherence with the ability to communicate with the patient.
**CLINICALLY PROVEN RESULTS**

### Objective improvement in mild OSA with the use of eXciteOSA®

<table>
<thead>
<tr>
<th>Objective measurement</th>
<th>Pre-Therapy</th>
<th>Post-Therapy</th>
<th>Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVERAGE % REDUCTION IN AHI</td>
<td>Pre-Therapy AHI: 10.39</td>
<td>Post-Therapy AHI: 4.95</td>
<td>52% REDUCTION</td>
</tr>
<tr>
<td></td>
<td>Pre-Therapy ODI: 8.57</td>
<td>Post-Therapy ODI: 4.26</td>
<td>50% REDUCTION</td>
</tr>
<tr>
<td></td>
<td>Pre-Therapy ESS: 9.3</td>
<td>Post-Therapy ESS: 5.4</td>
<td>3.9 POINT REDUCTION</td>
</tr>
</tbody>
</table>

*As measured by improvement in AHI

### Improvement in snoring with the use of eXciteOSA®

<table>
<thead>
<tr>
<th>Objective measurement</th>
<th>Pre-Therapy</th>
<th>Post-Therapy</th>
<th>Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVERAGE % REDUCTION IN SNORING TIME AT &gt;40dB</td>
<td>Pre-Therapy: 30.41%</td>
<td>Post-Therapy: 17.87%</td>
<td>41% REDUCTION</td>
</tr>
<tr>
<td>Subjective snoring: Patient bed partners reported an average snoring reduction of 39%**</td>
<td>Pre-Therapy: 6.1</td>
<td>Post-Therapy: 3.7</td>
<td>39% REDUCTION</td>
</tr>
</tbody>
</table>

*79% of Patients Responded to Therapy*

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3. eXciteOSA® White Paper (2020). Clinical study of 115 patients with snoring or mild OSA (Apnea- Hypopnea Index (AHI) <15 n=65) completed the trial. Objective snoring and respiratory parameters were recorded with 2 consecutive WatchPAT® night sleep studies before and after the use of the device. An intra-oral tongue stimulator device was used for 20 mins, once a day for 6-week period. (Internal publication by SMT for educational purposes and submission.)

**As measured by VAS
PATIENT FEEDBACK

WHAT WAS YOUR EXPERIENCE LIKE USING THE USING THE eXciteOSA® DEVICE?

“I found it very easy, very comfortable, and I just felt assured that I was going to have a good night’s sleep. After getting a better night’s sleep, I felt more refreshed in the morning. For me, it made me feel happier and better in myself.”

WHAT REAL LIFE IMPROVEMENTS HAVE YOU SEEN?

“I don’t feel so tired. This tiny device has made such a massive difference to me. My concentration level has increased; I feel more relaxed, and as if I’ve got ten times more energy. For the first time in many, many decades, I genuinely look forward to going to sleep.”

HOW LONG DID IT TAKE TO SEE RESULTS?

“In two to three weeks, I noticed really good results: much better restful sleep, no waking up at night. And during the day, obviously, I feel more refreshed, have more energy. No headaches and no complaining because of my snoring at night! This device has made a lot of difference...I am really happy about that.”

WHAT ARE YOUR THOUGHTS ON THE RESULTS YOU EXPERIENCED, AND HOW LONG DID IT TAKE TO SEE THEM?

“It reduced my snoring significantly. Sharing a bed has brought us a lot closer than we were before. I didn’t believe snoring was such an awful problem, but I can now see that it affected our relationship. It took a couple of weeks for it to become apparent it was working very well, and by the end of the six weeks it was working extremely well.”
eXciteOSA® has been CLINICALLY PROVEN to improve the quality of sleep* by reducing mild obstructive sleep apnea and snoring significantly when used for 20 minutes, 1 time each day for 6 weeks and only twice a week thereafter.

Signifier Medical Technologies LLC
175 Highland Avenue
Needham
MA 02494
USA
Tel: +1 844 MildOSA
Email: info@signifiermedical.com
www.exciteosa.com

*As measured by PSQI and ESS Score

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