

D-SAD BY PANTHERA®

The Panthera D-SAD (Digital Sleep Apnea Device) is an effective treatment for snoring and obstructive sleep apnea. When worn at night, the D-SAD positions the lower jaw in a forward position, relieving snoring and mild to moderate sleep apnea conditions. The D-SAD is custom-designed on a computer from optically scanned information, then 3D printed using the latest technology and materials. The Panthera D-SAD is one of the smallest, lightest and most durable appliances on the market and provides total comfort.

INSTANT RESULTS!

- ELIMINATES** • Snoring (95% efficiency)
- IMPROVES** • Sleep and quality of life
 - Level of energy upon waking
 - Couple relationship
- PREVENTS** • Worsening of snoring
 - Disease development
- PROTECTS** • Spouse's sleep and quality of life

Custom made by 3D printing computer

*Small & Light
Efficient & Comfortable
Flexible & Resistant*



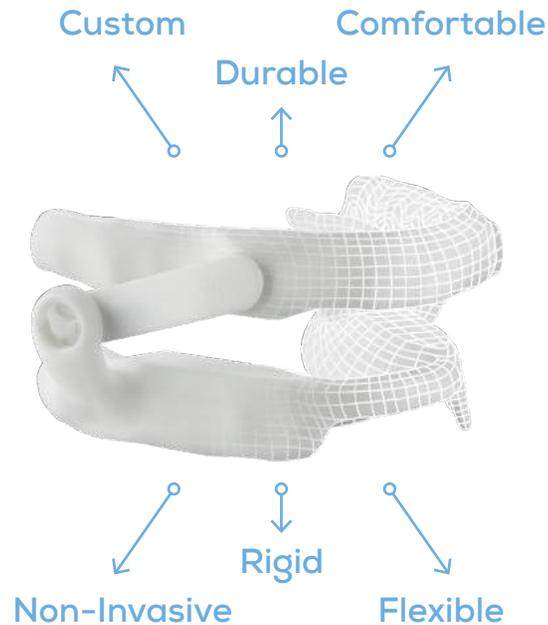
Breathe Quietly

The Panthera D-SAD is recommended for:

- Snoring
- Mild and moderate sleep apnea
- Severe sleep apnea if CPAP is refused
- Alternatively with CPAP
- (practical when traveling)

Ref.: Fleetham et al., (2006). Canadian Thoracic Society Guidelines

PHOTOGRAPHED: Panthera D-SAD



ASK YOUR DENTIST ABOUT SLEEP APPLIANCE THERAPY

Practice Name:
Dentist Name:
Address:
Phone:
Email:
Website:

ARE YOU TIRED OF SNORING?

The Solution D-SAD



D-SAD™
DIGITAL - SLEEP APNEA DEVICE

Oral Appliance to Treat Snoring and Sleep Apnea.

DG | Dental Services Group

PATIENT EDUCATION LITERATURE PROVIDED BY

Snoring at Night

Respiratory Efforts

Between ages of 33 and 69⁽¹⁾

69% of men snore
46% of women snore

54% of couples are affected⁽²⁾
26% sleep in separate rooms

What about You?

| | |
|---|-----|
| Do you snore every night? | Y N |
| Are your friends and family bothered by your snoring? | Y N |
| Do you have breathing pauses at night? | Y N |
| Do you frequently suffer from headaches? | Y N |
| Do you wake up tired even after getting a full night's sleep? | Y N |
| Do you feel tired during the day? | Y N |
| Do you easily fall asleep at the movie theater or in front of the TV? | Y N |
| Do you tend to fall asleep while traveling? | Y N |
| Do you suffer from high blood pressure? | Y N |

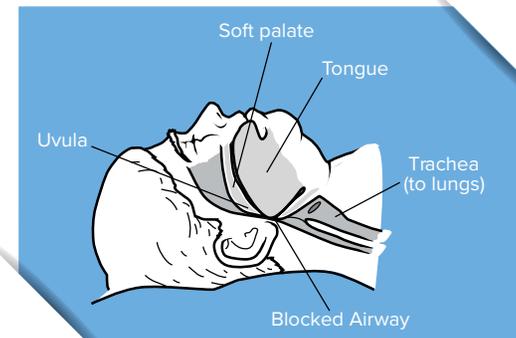
Ref.: (1) N. Meslier et al.; (2) Norton et al., (1985)

Falling Asleep During the Day

Daytime Sleepiness

Snoring is a sound caused by the vibration of the soft tissues of the throat (uvula, soft palate, pharyngeal wall). Because the path of airflow is too narrow, the snorer must make efforts to allow air circulation, and that is why the sound is produced.

In most cases, snoring gets worse with time, age, and weight gain.



Preventing by Taking Action

Often, daytime sleepiness is the first consequence of severe snoring. This is a tendency to fall asleep in the absence of any stimulus; for example, when watching television.

The resulting diminished alertness increases the risk of car accidents by 7 times and the risk of work accidents.



Disturbing Sleep Health Risks

Consequences of snoring for the bed partner:

- Sleep schedule adjustments (going to bed earlier)
- Loss of around 1 hour of sleep per night
- Decreased quality of life
- Tiredness

Consequences on personal, family and professional lives may become very serious and affect quality of life.

Short Term

- Tiredness upon waking
- Sleepiness
- Lack of energy
- Bad mood
- Anxiety
- Irritability
- Sexual issues

Medium & Long Term

- High blood pressure
- Stroke
- Cerebrovascular accident (CVA)
- Diabetes
- Cardiovascular problems
- Depression
- Glaucoma
- Hearing problems

Social Aspects

- Road accidents
- Decreased efficiency at work
- Work accidents
- Family and relationship difficulties