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Snoring and Sleep Apnea What is it and how do I stop?

Jolie Chang, MD Associate Professor Director of Sleep Surgery Division Department of Otolaryngology, Head and Neck Surgery

Breathing in Sleep

- How air flows: the anatomy of the nose and throat
- Discuss symptoms related to snoring
- · Discuss what happens when breathing during sleep is altered
- · Steps for evaluation of snoring and sleep apnea
- · Treatment for sleep apnea and snoring

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Snoring

- Chronic habitual snoring
 20% women; 40% men
- Most common symptom of sleep apnea (35% of those who snore have obstructive sleep apnea)
- Snoring risk factors
 - Age, sex, obesity, ETOH or sedative use, smoking, nasal obstruction, asthma, lung disease.











































Things That Impact Sleep Apnea and Snoring

- Being overweight = more collapse
- Sleep position (back is worse than the side)
- Alcohol/sedative use at nighttime: especially 3-4 hours prior to bedtime
- Acid Reflux













Oral appliances

- Mouth guard designed to support the jaw and prevent tongue collapse
- х.
- Designed by dental providers Sleep test done after the guard is made to determine how ÷ well it works for sleep apnea



Exercises for Snoring? Snoring and sleep disordered breathing are less common in с. singers and musicians who played the digeridoo Oropharyngeal exercises done routinely for 3 months (8 mins 3x/day) showed decrease in snoring by 50% leto et al. Chest 2015. UGpr











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Snoring and OSA in Kids

Most commonly due to enlarged tonsils and adenoids
 Tonsil and adenoid tissue shrink in size as we age

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Goals of Treatment

- · Reduce symptoms: daytime fatigue, snoring
- · Improve quality of life
- Minimize health risks: mortality, cardiac, motor vehicle accidents
- · Treatment starts with positive pressure trial
- · Treatment is individualized
- Snoring and sleep apnea severity
- Health factors
- Patient choice

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Conclusions

- Not all snoring is the same.
- Things to try:
- Weight reduction
- Positional sleep (side-sleeping with positioner)
- Watch alcohol use prior to bedtime
- Manage acid reflux
- · If there are signs of sleep apnea: get tested!
- Sleep apnea treatment starts with positive pressure, & other options exist if that doesn't work.

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