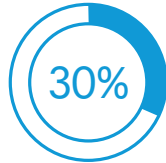


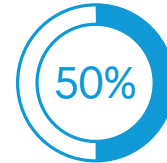
What is LPR OR "SILENT REFLUX"?

LARYNGOPHARYNGEAL REFLUX (LPR)

or "silent reflux" refers to the backflow of food or stomach acid all the way back up into the larynx (the voice box) or the pharynx (the throat)¹



LPR affects around 30% of the U.S. population²



LPR occurs in as many as 50% of individuals with voice disorders³

WHAT IS THE DIFFERENCE BETWEEN LPR AND GERD?

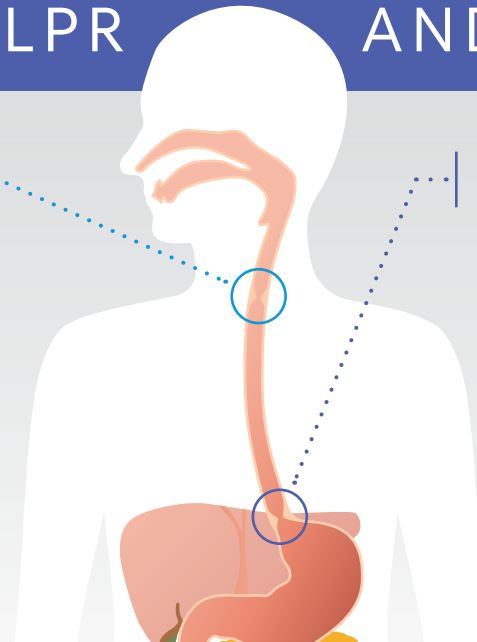
LPR affects the upper esophageal sphincter⁵
(laryngopharyngeal reflux)



patients with LPR suffer with heartburn⁴

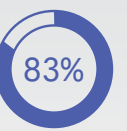


LPR patients experience more symptoms during the day, as the reflux causes damage to the throat and voice box at night⁵



GERD affects the lower esophageal sphincter⁵
(gastroesophageal reflux disease)

patients with GERD suffer with heartburn⁴



GERD patients experience symptoms after a meal or overnight⁵



LPR IS COMMONLY CONFUSED WITH GERD (HEARTBURN), WHICH MAKES IT DIFFICULT FOR DOCTORS TO DIAGNOSE

SYMPTOMS OF LPR

LPR PATIENTS MAY SUFFER FROM ONE OR MORE OF THESE SYMPTOMS⁶



Nighttime regurgitation



Feeling of throat burn



Constant cough or throat clearing



Hoarse voice



Sore throat and difficulty swallowing



Postnasal drip



Reflux-induced sleep disruption

WHO SUFFERS FROM LPR?

ANYONE CAN GET LPR - ADULTS, PREGNANT WOMEN, EVEN BABIES - BUT IT SHOWS UP MORE OFTEN AS PEOPLE AGE⁵

PHYSICAL CAUSES

Hiatal hernia
Malfunctioning upper esophageal sphincter (UES)
Slow emptying of the stomach

LIFESTYLE CAUSES

Poor Diet
Alcohol or tobacco abuse
Overeating

PREGNANCY

Acid reflux disorders, like LPR, are exacerbated by
30% to 50%
in pregnant women



DISADVANTAGES OF TRADITIONAL LPR TREATMENTS

PPIs

(proton pump inhibitors) such as Prilosec, Nexium and Prevacid



Although PPIs are recommended by doctors, they often don't work for patients with LPR and give limited symptom relief for LPR

Long-term use of PPIs can lead to vitamin deficiencies, kidney damage, dementia, bone fracture, stroke, increased risk of heart attack and pneumonia, damage to the gut microbiota²

SURGERY



There are several health risks and costs associated with surgical procedures, but some patients have surgery in the lower esophagus to tighten the sphincter²

REFLUX BAND™

REFLUX BAND IS THE ONLY NON-MEDICATION, NON-SURGICAL, OVER-THE-COUNTER, FDA CLINICALLY CLEARED TREATMENT FOR LPR⁷

Reflux Band is a non-invasive medical device worn while sleeping. It works by providing slight external pressure just above the Adam's apple to stop reflux from rising above the upper esophageal sphincter (UES)



BENEFITS

- Wearers feel symptom improvement within two weeks
- Reflux Band is a natural, chemical free solution for LPR relief
- You won't have to sleep upright anymore

1. Laryngopharyngeal Reflux (Silent Reflux). WebMD. <https://www.webmd.com/2p1koit>. Accessed Sep 13, 2018. 2. Reimer C, Bytzer P. Management of Laryngopharyngeal Reflux with Proton Pump Inhibitors. Therapeutics and Clinical Risk Management. 2008;4(1):225-233. 3. PENDING 4. Ford C. Evaluation and Management of Laryngopharyngeal Reflux. JAMA. 2005;294(12):1534-1540. 5. What is LPR? American Academy of Otolaryngology-Head and Neck Surgery. <https://www.entnet.org/content/what-lpr>. Published 2018. 6. Belafsky PC, Postma GN, and Koufman JA. Validity and reliability of the reflux symptom index (RSI). Journal of Voice. 2002. 16(2): 274-277. 7. Reflux Band. How It Works. <https://refluxband.com/how-it-works/>. Accessed Sep 13, 2018.