REFLUX AND YOUR VOICE

WHAT IS ACID REFLUX?

Stomach juices are made up of strong digestive acids and enzymes including pepsin. Pepsin is important in digesting proteins and is particularly irritating to the lining of the gullet (oesophagus). It is not uncommon for these juices to travel from the stomach upwards into the oesophagus causing the symptoms of indigestion (heartburn). This is usually referred to as ‘gastro-oesophageal’ reflux (GOR).

Sometimes, small amounts of these stomach juices can reach as far up as the throat (pharynx) and voice box (larynx). This is known as laryngopharyngeal reflux (LPR) and is sometimes called ‘silent reflux’ as many people with LPR do not experience classic symptoms of heartburn. Acid reflux can occur during the day or night, even if a person hasn’t eaten anything.

Will I always need treatment for LPR?

Usually LPR improves with the appropriate treatment but you need to:

• Follow the recommendations you are given on lifestyle changes
• Make the dietary changes that are recommended
• Take your medication regularly as prescribed by your doctor
• Remember, any decision to stop treatment should be made with your doctor’s knowledge and consent.

For more information about laryngo-pharyngeal reflux see the BVA website:

www.britishvoiceassociation.org.uk

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**What are the symptoms?**

These may vary but some of the most common symptoms of LPR are:

- A sensation of food sticking or a feeling of a lump in the throat
- A hoarse, tight or ‘croaky’ voice
- Frequent throat clearing
- Difficulty swallowing (especially tablets or solid foods)
- A sore, dry and sensitive throat
- Occasional unpleasant “acid” or “bilious” taste at the back of the mouth
- A feeling that too much mucus/phlegm is collecting in the throat
- Sudden coughing or choking spasms at night
- Chronic cough
- Excessive burping, particularly during the day

**How is LPR diagnosed?**

LPR is usually diagnosed by examination of your throat and voice box by an Ear, Nose and Throat (ENT) doctor. The ENT doctor or the Speech and Language Therapist (SLT) specialising in voice disorders will ask you to describe your symptoms. They may also ask you to fill in a questionnaire to rate how your symptoms affect you.

If your symptoms are severe your doctor may send you for further tests to measure the level of acid in your throat and gullet and, if necessary, refer you on to a gastroenterologist (a doctor specialising in stomach and digestive problems).

**What causes LPR?**

Often it is not clear what causes LPR. There may be a number of underlying causes, such as problems with the stomach, the gullet or the sphincter muscle that separates the two. But, in many cases, lifestyle factors such as being overweight, smoking and consuming too much alcohol and caffeine are probable causes. Dietary factors may also play an important role with spicy foods, fatty foods, chocolate and citrus juice contributing to symptoms of LPR in some individuals.

**How is LPR treated?**

Treatment is usually planned on an individual basis and your doctor or SLT will suggest the appropriate treatment for you. There are several treatments that are effective:

- Making lifestyle and dietary changes
- Taking medications to reduce stomach acid
  - Non-prescription antacids/alginate preparations
  - Acid-blocking tablets called proton pump inhibitors. (These must be prescribed by your doctor)
- Various surgical options might be recommended to tighten the valve between the stomach and the gullet when medication has not been effective.

Most people with LPR report improvement in their symptoms within 2-3 months of treatment but it may take 6 months or more for the throat and voice symptoms to resolve. Stopping reflux medications suddenly can result in increased LPR, so most doctors recommend a ‘step down’ plan. This will be explained by your doctor and it is important that you follow your doctor’s advice.