Vocal Fold Paralysis: A Comprehensive Guide to Causes, Symptoms, and Treatment

| | Vocal Fo | Id Paralysis by Jeri Westerso | n |
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What is Vocal Fold Paralysis?

Vocal fold paralysis is a condition that affects the muscles that control the vocal cords. These muscles are responsible for opening and closing the vocal cords, which allows us to speak, sing, and cough. When the vocal cords are paralyzed, they can no longer open or close properly, which can lead to a number of different symptoms.

Causes of Vocal Fold Paralysis

There are a number of different causes of vocal fold paralysis, including:

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Nerve damage

: The nerves that control the vocal cords can be damaged by a variety of factors, including: * Trauma, such as a car accident or a blow to the neck * Surgery, such as thyroid surgery or heart surgery * Infection, such as a viral

infection or a bacterial infection * Radiation therapy * Certain medical conditions, such as diabetes and multiple sclerosis *

Trauma

: Direct trauma to the vocal cords can also lead to paralysis. This can occur during a car accident, a sports injury, or a work-related accident. *

Medical conditions

: Certain medical conditions can also lead to vocal fold paralysis. These conditions include: * Stroke * Parkinson's disease * Myasthenia gravis * Multiple sclerosis

Symptoms of Vocal Fold Paralysis

The symptoms of vocal fold paralysis can vary depending on the severity of the condition. In some cases, the symptoms may be mild and only noticeable when speaking or singing. In other cases, the symptoms may be more severe and can make it difficult to speak or breathe.

The most common symptoms of vocal fold paralysis include:

* Hoarseness * Breathiness * Difficulty speaking * Difficulty singing * Coughing * Aspiration

Diagnosis of Vocal Fold Paralysis

The diagnosis of vocal fold paralysis is typically made by a doctor or speech-language pathologist. The doctor will ask about your symptoms and medical history, and will perform a physical examination of your neck and throat. The doctor may also order one or more of the following tests:

Laryngoscopy

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: This is a procedure in which a thin, flexible tube with a camera on the end is inserted into your throat to visualize the vocal cords. *

Electromyography (EMG)

: This is a test that measures the electrical activity of the muscles that control the vocal cords. *

Magnetic resonance imaging (MRI)

: This is a type of imaging test that can create detailed images of the vocal cords and the surrounding structures.

Treatment of Vocal Fold Paralysis

The treatment for vocal fold paralysis depends on the underlying cause. In some cases, the vocal fold paralysis will resolve on its own. In other cases, treatment may be necessary to improve the function of the vocal cords.

Treatment options for vocal fold paralysis may include:

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Speech therapy

: Speech therapy can help you learn how to use your voice more effectively. This may involve exercises to strengthen the vocal cords and improve coordination. *

Vocal fold injections

: In some cases, vocal fold injections can be used to improve the function of the vocal cords. These injections can help to bulk up the vocal cords and improve their ability to vibrate. *

Surgery

: In some cases, surgery may be necessary to correct the underlying cause of the vocal fold paralysis. This surgery may involve repairing a damaged nerve or removing a tumor that is pressing on the vocal cords.

Outlook for Vocal Fold Paralysis

The outlook for vocal fold paralysis depends on the underlying cause and the severity of the condition. In some cases, the vocal fold paralysis will resolve on its own. In other cases, treatment may be necessary to improve the function of the vocal cords. With proper treatment, most people with vocal fold paralysis are able to improve their voice and speech.

Vocal fold paralysis is a condition that can affect the muscles that control the vocal cords. This can lead to a number of different symptoms, including hoarseness, breathiness, and difficulty speaking. In some cases, vocal fold paralysis can also lead to aspiration. There are a number of different causes of vocal fold paralysis, including nerve damage, trauma, and certain medical conditions. Treatment for vocal fold paralysis depends on the underlying cause. With proper treatment, most people with vocal fold paralysis are able to improve their voice and speech.

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