

**Did you know that more than 55,000 Americans will develop cancer of the head and neck this year, and that nearly 13,000 of them will die, and that most of this is preventable?**

Tobacco is the most preventable cause of these deaths. In the United States, up to 200,000 people die each year from smoking-related illnesses. The good news is that this figure has decreased due to the increasing number of Americans who have quit smoking. The bad news is that some of these smokers switched to smokeless or spit tobacco, assuming it is a safe alternative. This is untrue -- they are merely changing the site of the cancer risk from their lungs to their mouth. While lung cancer cases are down, cancers in the head & neck appear to be increasing.

Cancer of the head and neck is curable if caught early. Fortunately, most head and neck cancers produce early symptoms.

You should know the possible warning signs so you can alert your doctor to your symptoms as soon as possible.

Remember -- successful treatment of head and neck cancer can depend on early detection. Knowing and recognizing the signs of head and neck cancer can save your life.

**Find it early - and be cured!**

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## **Here's what you should watch for...**

### **A lump in the neck...**

Cancers that begin in the head or neck usually spread to lymph nodes in the neck before they spread elsewhere. A lump in the neck that lasts more than two weeks should be seen by a physician as soon as possible. Of course, not all lumps are cancer. But a lump (or lumps) in the neck can be the first sign of cancer of the mouth, throat, voicebox (larynx), thyroid gland, or of certain lymphomas or blood cancers. Such lumps are generally painless and continue to enlarge steadily.

### **Change in the voice...**

Most cancers in the larynx cause some change in voice. Any hoarseness or other voice change lasting more than two weeks should alert you to see your physician. An otolaryngologist is a head and neck specialist who can examine your vocal cords easily and painlessly. While most voice changes are not caused by cancer, you shouldn't take chances. If you are hoarse more than two weeks, make sure you don't have cancer of the larynx. See your doctor.

### **A growth in the mouth...**

Most cancers of the mouth or tongue cause a sore or swelling that doesn't go away. These sores and swellings may be painless unless they become infected. Bleeding may occur, but often not until late in the disease. If an ulcer or swelling is accompanied by lumps in the neck, be very concerned. Your dentist or doctor can determine if a biopsy (tissue sample test) is needed and can refer you to a head and neck surgeon to perform this procedure.

### **Bringing up blood...**

This is often caused by something other than cancer. However, tumors in the nose, mouth, throat or lungs can cause bleeding. If blood appears in your saliva or phlegm for more than a few days, you should see your physician.

### **Swallowing problems...**

Cancer of the throat or esophagus (swallowing tube) may make swallowing solid foods difficult. Sometimes liquids can also be troublesome. The food may "stick" at a certain point and then either go through to the stomach or come back up. If you have trouble almost every time you try to swallow something, you should be examined by a physician. Usually a barium swallow x-ray or an esophagoscopy (direct examination of the swallowing tube with a telescope) will be performed to find the cause.

### **Changes in the skin...**

The most common head and neck cancer is basal cell cancer of the skin. Fortunately, this is rarely a major problem if treated early. Basal cell cancers appear most often on sun-exposed areas like the forehead, face, and ears, although they can occur almost anywhere on the skin. Basal cell cancer often begins as a small, pale patch that enlarges slowly, producing a central "dimple" and eventually an ulcer. Parts of the ulcer may heal, but the major portion remains ulcerated. Some basal cell cancers show color changes.

Other kinds of cancer, including squamous cell cancer and malignant melanoma, also occur on the skin of the head and neck. Most squamous cell cancers occur on the lower lip and ear. They may look like basal cell cancers and, if caught early and properly treated, usually are not much more dangerous. If there is a sore on the lip, lower face, or ear that does not heal, consult a physician.

Malignant melanoma classically produces dense blue-black or black discolorations of the skin. However, any mole that changes size, color, or begins to bleed may be trouble. A black or blue-black spot on the face or neck, particularly if it changes size or shape, should be seen as soon as possible by a dermatologist or other physician.

### **Persistent Earache...**

Constant pain in or around the ear when you swallow can be a sign of infection or tumor growth in the throat. This is particularly serious if it is associated with difficulty in swallowing, hoarseness or a lump in the neck. These symptoms are best evaluated by an otolaryngologist.

## **Identifying High Risk of Head and Neck Cancer**

As many as 90 percent of head and neck cancers arise after prolonged exposure to specific factors. Use of tobacco (cigarettes, cigars, chewing tobacco or snuff) and alcoholic beverages are closely linked with cancers of the mouth, throat voice box and tongue. *(In adults who neither smoke nor drink, cancer of the mouth and throat are nearly nonexistent.)* Prolonged exposure to sunlight is linked with cancer of the lip and is also an established major cause of skin cancer.

## **WHAT YOU SHOULD DO...**

All of the symptoms and signs described here can occur with no cancer present. In fact, many times complaints of this type will be due to some other condition. But you can't tell without an examination. So, if they do occur, see your doctor - and be sure.

**REMEMBER:** When found early, most cancers in the head and neck can be cured with relatively little difficulty. Cure rates for these cancers could be greatly improved if people would seek medical advice as soon as possible. So play it safe. If you think you have one of the warning signs of head and neck cancer, see your doctor right away.

**BE. SURE TO BE SAFE** -See your doctor early! And practice health habits which will make these diseases unlikely to occur.

\*Ask for our leaflets "SMOKING. The Hows & Whys of Quitting" and "Smokeless Tobacco-Just As Dangerous".

## **What Is Otolaryngology - Head and Neck Surgery?**

Otolaryngology-head and neck surgery is a specialty concerned with the medical and surgical treatment of the ears, nose, throat and related structures of the head and neck. The specialty encompasses cosmetic facial reconstruction, surgery of benign and malignant tumors of the head and neck, management of patients with loss of hearing and balance, endoscopic examination of air and food passages and treatment of allergic, sinus, laryngeal, thyroid and esophageal disorders.

To qualify for the American Board of Otolaryngology certification examination, a physician must complete five or more years of post-M.D. (or D.O.) specialty training.

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