Oral Cancer and Potential Medicinal Herbs- An Overview

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Abstract: Oral cancer now a day's occurring common disease caused due to consuming the alcohol and chewing of tobacco continuously, it can be treating by using the herbal and allopathic medicines. We tried to focus the oral cancer and knowledge of treatment remedy.

Keywords: oral cancer, herbal, allopathic, remedy, alcohol, tobacco

Introduction:

The term oral cancer includes cancers of the mouth and the pharynx (the back of the throat). Most cases of oral cancer are linked to cigarette smoking, heavy alcohol use, or the use of both tobacco and alcohol together. Using tobacco plus alcohol poses a much greater risk than using either substance alone. Infection with the sexually transmitted human papilloma virus (specifically the HPV 16 type) has been linked to a subset of oral cancers. Risk increases with age. Oral cancer most often occurs in people over the age of 40. Cancer of the lip can be caused by sun exposure. A diet low in fruits and vegetables may play a role in oral cancer development.
Symptoms:
A sore, irritation, lump or thick patch in the mouth, lip, or throat
A white or red patch in the mouth
A feeling that something is caught in the throat
Difficulty chewing or swallowing
Difficulty moving the jaw or tongue
Numbness in the tongue or other areas of the mouth
Swelling of the jaw those cause dentures to fit poorly or become uncomfortable
Pain in one ear without hearing loss.

A person who has any of these symptoms for more than 2 weeks should see a dentist or doctor for an oral cancer exam. Most often, symptoms like those listed above do not mean cancer. An infection or another problem can cause the same symptoms. But it’s important to have the symptoms checked out—because if it is cancer, it can be treated more successfully if it’s caught early.

Identification:
An oral cancer examination can detect early signs of cancer. The exam is painless and takes only a few minutes. During the exam, a dentist or doctor checks the face, neck, lips, tongue, mouth, and the back of the throat for possible signs of cancer.

Oral cancer mechanisms:
Smokeless tobacco is unburned tobacco, and is also known as chewing tobacco, oral tobacco, spit or spitting tobacco, dip, and snuff. Nicotine and other chemical compounds are absorbed through the lining of the mouth. Smokeless tobacco products contain nicotine and carcinogens. At least 28 carcinogens, including nitrosamines (i.e., NNK and NNN), are identified in smokeless tobacco products. Smokeless tobacco is associated with oral, esophageal, and pancreatic cancers.
Fig: 1 Mechanism of oral cancer in tobacco

Allopathy medicine for oral cancer:

1. Cisplatin
2. Doxorubicin
3. Lomustine
4. Daclatasvir
5. Cariprazine
6. Eluxadoline
7. Simeprevir
8. Reslizumab
Medicinal herbs for oral cancer:

1. Thyme  
   B.S: *Thymus vulgaris*  
   Family: Lamiaceae

![Thyme](image2)

Fig:2 Thyme

2. Turmeric  
   B.S: *Curcuma longa*  
   Family: Zinziberaceae

![Turmeric](image3)

Fig:3 Turmeric

3. Coriander seeds  
   B.S: *Coriandrum sativum*  
   Family: Umbelliferaeace

![Coriander seeds](image4)

Fig:4 Coriander seeds
4. Basil  
   B.S: *Ocimum basilicum*  
   Family: Lamiaceae  
   Fig: 5 Basil

5. Grape seeds  
   B.S: *Vitis vinifera*  
   Family: Vitaceae  
   Fig: 6 Grape seeds

6. Bitter guard juice  
   B.S: *Momordica charantia*  
   Family: Cucurbitaceae  
   Fig: 7 Bitter guards
7. Carrot  
B.S: *Dacus carota*  
Family: Apiaceae

Fig: 8 Carrots

8. Lemon  
B.S: *Citrus limon*  
Family: Rutaceae

Fig: 9 Lemon

**Conclusion:**

Now a day for cancer treatment chemotherapy is preferred in which many unwanted side effects are observed. Thus herbal medicines are issued side by side to overcome the side effects caused by the chemotherapy with allopathic medicines. Fresh juices prescribed by the doctors with chemotherapy in now a days, for the reason automatically immune response produced in our herbal medicine only. We focused prevention and treatment of oral cancer by using the herbal remedies.
References:


