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# **ESOPHAGEAL CANCER**

### ABOUT ESOPHAGEAL CANCER WITH HOLISTIC MEASURES

**Esophageal Cancer** is difficult to track and is particularly common among people over 60 years of age. There are two primary forms, squamous-cell carcinoma and adenocarcinoma. It is more common in developed countries, its onset is usually insidious with symptoms that can be easily mistaken for indications of other more benign medical conditions. However, once the tumorous growth has established itself, the symptoms become more pronounced. Coupled with a poor prognosis and horrendous conventional treatments, this is a Cancer that is often treated alternatively.

Esophageal Cancer is a malignancy that develops in the esophagus, which is the tube connecting the throat to the stomach. There are two main types of esophageal Cancer: squamous cell carcinoma and adenocarcinoma. Squamous cell carcinoma typically occurs in the upper and middle parts of the esophagus, while adenocarcinoma usually arises in the lower part of the esophagus near the stomach.

Causes and Risk Factors: The exact cause of esophageal Cancer is often unclear, but certain factors can increase the risk of developing the disease. These risk factors include:

- 1. Tobacco and alcohol use: Chronic tobacco smoking and heavy alcohol consumption significantly increase the risk of developing esophageal Cancer.
- Gastroesophageal reflux disease (GERD): Persistent acid reflux and inflammation of the esophagus due to GERD can lead to a condition called Barrett's esophagus, which increases the risk of developing adenocarcinoma.
- 3. Obesity: Being overweight or obese increases the risk, especially for adenocarcinoma of the esophagus.
- 4. Diet: A diet low in fruits and vegetables and high in processed meats and unhealthy fats may increase the risk of esophageal Cancer.
- 5. Age and gender: Esophageal Cancer is more common in older individuals, and men are at a higher risk than women.
- 6. Other medical conditions: Certain conditions, such as achalasia (a disorder of the esophagus), tylosis (a rare inherited disorder), and Plummer-Vinson syndrome, increase the risk of developing esophageal Cancer.



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Symptoms: The signs and symptoms of esophageal Cancer may vary depending on the location and stage of the Cancer. Common symptoms may include:

- 1. Difficulty or pain when swallowing (dysphagia).
- 2. Unintentional weight loss.
- 3. Chest pain or discomfort.
- 4. Persistent heartburn or acid reflux.
- 5. Chronic cough or hoarseness.
- 6. Vomiting or coughing up blood.

If any of these symptoms persist or cause concern, it is important to seek medical attention for proper evaluation.

Diagnosis and Treatment: Diagnosis and treatment of esophageal Cancer involve various approaches:

- 1. Endoscopy: A thin, flexible tube with a camera (endoscope) is inserted through the mouth or nose to examine the esophagus and collect tissue samples (biopsies) for analysis.
- 2. Imaging tests: Imaging techniques such as computed tomography (CT) scans, positron emission tomography (PET) scans, and endoscopic ultrasound (EUS) may be used to determine the extent of the Cancer, identify lymph node involvement, and detect any spread to other organs.
- 3. Staging: Staging helps determine the extent and spread of the Cancer and guides treatment decisions. It is based on the size of the tumor, lymph node involvement, and presence of metastasis.

Treatment options for esophageal Cancer depend on factors such as the stage of Cancer, tumor location, overall health, and patient preferences. The main treatment modalities include:

- 1. HHH Therapy or Surgery: Surgical removal of the Cancerous portion of the esophagus (esophagectomy) is the primary treatment for localized esophageal Cancer. Lymph nodes in the surrounding area may also be removed. In some cases, surgery may be combined with chemotherapy or radiation therapy.
- 2. HHH Therapy or Chemotherapy: Anti-Cancer drugs are administered orally or intravenously to kill Cancer cells or slow their growth. Chemotherapy may be used before surgery (neoadjuvant) to shrink tumors, after surgery (adjuvant) to destroy any remaining Cancer cells, or for advanced or metastatic cases.
- 3. HHH Therapy or Radiation therapy: High-energy radiation is used to



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### THE CRITICAL SIGNS AND PREVENTIVE MEASURES OF ESOPHAGEAL CANCER

Difficulty swallowing is one of the first and more obvious signs. This happens when the Cancerous growth has reached a size that makes it physically difficult to consume foods. Hoarse voice, seemingly inexplicable weight loss, enlarged lymph nodes, coughing, and vomiting of blood are also frequent symptoms of the condition.

Despite both forms of esophageal Cancer being different in nature, the list of their catalysts is pretty much the same. Excessive tobacco and alcohol use, frequent consumption of hot beverages and overall poor dietary choices are the leading causes of esophageal Cancer.

To help avoid the development of esophageal Cancer one should quit smoking. Another way to reduce the risk is too keep an eye on your weight. It is also strongly recommended to consume large quantities of cruciferous vegetables. Some additional cabbage, cauliflower, broccoli and brussels sprouts will not only enrich your meal but will also provide a constant supply of protective compounds. A well-known preventive measure is regular consumption of dietary fiber, which, although not a subject of extensive research, is thought to be particularly effective when it comes to adenocarcinoma prevention.

The situation is a bit different for individuals who suffer from acid reflux. A condition which, if left untreated, can lead to Barrett's esophagus which, is often viewed as a precursor of esophageal adenocarcinoma. Acid reflux is often treated with drugs called proton pump inhibitors. This class of drugs includes <a href="mailto:lansoprazole">lansoprazole</a> (Prevacaid®), <a href="mailto:omeprazole">omeprazole</a> (Prilosec®) and <a href="mailto:esomeprazole">esomeprazole</a> (Nexium®).

Although it's known that individuals that suffer from Barrett's Esophagus can lower the risk of esophageal Cancer by using non-steroid drugs such as aspirin and ibuprofen, the probability of serious kidney damage and stomach bleeding is often high. With potential implications such as these, it's strongly recommended to seek professional advice to evaluate all the pros and cons.

 Cancer Treatment Vitamin Support Package UPON REQUEST

ADDITIONAL TREATMENTS IF REQUESTED

**UPON REQUEST** 



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### **Step 1: The Holistic Assessment**

"The allopathic approach to chemotherapy often destroys the body's own natural ability to attack Cancer cells, damaging the immune system and leaving it defenseless against the disease. Our alternative-natural Cancer treatment heals the body to maximize its own ability to attack Cancer cells and has been studied to increase success rates up to 80% by combining 5 etiological areas: Genetics, Nutrition, Xenobiosis, Chronic Inflammation, and psychology" – Dr. Ariel Perez Understanding the patient's needs to design the best strategy against Cancer The Holistic Assessment is our first step, where our multidisciplinary team composed of oncologists, surgeons, nutritionists and holistic medicine experts tailor the treatment based on the individual needs and medical history of the patient. The medical team will address the patient's concerns, assess their health and determine a nutrition plan.

### Stage 2 (ongoing): Cellular Nutrition

Gerson and Keto nutrition principles to nourish the body to maximize the treatment. Cellular Nutrition is an ongoing stage that is designed to make the patient's body stronger and healthier so that it can better endure treatment and minimize side-effects. When a body is not getting the sufficient nutrients it needs, a chronic disease such as Cancer can grow faster and spread more quickly. Our nutrition program is founded on Gerson therapy and Ketogenic Diet principles that will be tailored to the individual patient based on their medical history, Cancer stage and nutrition deficiencies.

### **Stage 3: Detoxification**

Relieving the body of toxic waste for optimal health

The Detoxification process begins following the initial assessment and is a key element to the management of any type of chronic degenerative disease including Cancer. Cancer develops at our body's cellular level. When a patient is suffering from this disease you can find large amounts of toxins such as: waste, dead cells and pro-inflammatory agents, among others. Once the disease starts to spread, the body will not be able to eliminate these toxins. Our detoxification process employs nutritional and metabolic manipulation of the liver, digestive system, urinary organs and skin to enhance their ability to better eliminate toxins and keep the body at optimal condition.

### Stage 4: Immune Support And Regulation



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Reliving the body from chronic inflammation with natural therapies
Our immune system support and regulation therapies play a critical role in the fight
against Cancer, here we relieve the body from chronic inflammation that deprive the
body's defense system and prevent it from fighting back the Cancer.
Our team employs the use of proven immune system support therapies that include
Japanese Fungi, Chinese Herbs, Green Tea Extract, Turmeric or Curcumin,
Essential Fatty Acids in High Doses, Probiotics, Vitamin D among other, to avoid
use of conventional drugs that can cause more harm and have negative sideeffects.

### **Stage 5: Cancer Suppression**

Our Anti-Cancer Strategy to Eliminate Cancer
Our Cancer suppression strategy employs the combination of proven therapeutic
Cancer treatments that have been scientifically tested to reverse the effects of
Cancer or to completely remove the Cancer.

### Stage 6: Follow-up and support

In order to keep our patients in remission, we provide complete follow-up packages and care for three years after treatment. We are in constant communication with our patients, offering advice, home treatments, telemedicine, Pharma Therapy, tele pharma and support.

### **Complimentary Therapies**

### **UPON REQUEST**

The goal of Cancer immunotherapy is to improve the body natural ability to find and destroy Cancer cells. Successful immunotherapeutic approaches stimulate the natural defenses of the immune system and provide new ways to attack Cancer. This is possible with comprehensive interventions that include cell therapy / immuno-pharmacological therapy in combination with nutritional, endocrine measures and supplements.

Cancer vaccines deliver a Cancer-specific protein to the body and direct the immune system to target cells that contain that protein. Chimeric antigen receptor (CAR)-modified T-cell immunotherapy involves taking the patient's T cells, genetically engineering the T cells to produce receptors that direct them



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to the Cancer cells, and returning these CAR T cells to the patient's body (NCI 2017b).

Hyperthermia involves the use of heat to directly treat a tumor or increase the vulnerability of Cancer cells to other forms of treatment, such as immunotherapy, vitamin C, chemotherapy or radiotherapy.

Non-ablative or mild hyperthermia (HT) has been shown in preclinical and clinical studies as a localized sensitizer that enhances the tumoricidal effects of immunotherapy, radiation or chemotherapy. A novel, minimally invasive interventional technique, HT has been suggested to improve the efficacy of chemotherapy for solid organ tumors.

Mistletoe helps fight tumor-induced immune suppression. Natural killer cells (NK) are a type of white blood cell that looks for and destroys Cancer cells. Mistletoe has been called a biological response modifier due to its ability to improve various aspects of immune function. Studies show that it activates natural killer cells, T cells, macrophages and monocytes.

Glutathione is the most important antioxidant produced by your body and a master detoxifier of every cell in your body. It prevents cellular damage caused by free radicals and peroxides. Glutathione metabolism is able to play both protective and pathogenic roles. It is crucial in the removal and detoxification of carcinogens, and alterations in this pathway can have a profound effect on cell survival. Inhibition of glutathione metabolism attenuates esophageal Cancer progression.

#### ALTERNATIVE TREATMENTS FOR ESOPHAGEAL CANCER

Alternative treatments for esophageal Cancer are usually practiced as a part of individualized, integrated approach where the best of allopathic and holistic Cancer treatment methods are combined for the maximum benefit.

With conventional treatment, a strange paradox comes into force, as the therapies employed to kill Cancerous cells simultaneously disturb normal bodily function, leaving non-Cancerous cells unprotected and depressing immune function in general. Essentially, patients become weaker and thus more prone to succumb, because of the conventional methods used to combat the Cancer.



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To keep your body and immune system in top shape and provide it with the vital nutrients (preferably – in a liquid form), there are numerous alternative means to resort to. When it comes to reducing the damage inflicted by the chemotherapy, consume ginger tea with some additional slices of ginger in pure form. Beet juice extract in combination with carrot juice can be used fight chemotherapy induced anemia while passionflower tea can reduce anxiety. Meanwhile, the ever-present turmeric (with its anti-Cancer compound curcumin) can be combined with black pepper and consumed directly off a tablespoon. The diet should be enhanced with fish, fish oils and berries with a particular emphasis on black raspberries as they are known to prevent oxidative stress, decrease DNA damage and stimulate apoptosis, otherwise known as the death of Cancer cells. High consumption of vitamins C and E as well as antioxidant dietary supplements can also significantly change the odds for the benefit of the patient. Smoothies, consisting of lemon, spinach, coconut milk, cucumber, turmeric liquid and resveratrol are just some of the options to consider.

In addition, one should also consider prophylactic measures that involve physical activity.

### SUCCESSFULLY TREATING THE DISEASE WHILE LIVING LIFE TO THE FULLEST

Experts at our Mexico <u>alternative Cancer treatment clinic</u> will help you successfully battle the disease in a way that limits the harm to your spiritual and physical health. To learn more about our holistic esophageal Cancer treatment, call our office and schedule a consultation with one of our specialists.

Squamous cell carcinoma (SCC) and adenocarcinoma account for over 95 percent of esophageal malignant tumors. For most of the 20th century, SCC has predominated. In the 1960s, SCC accounted for more than 90 percent of all esophageal tumors in the United States, and adenocarcinomas were considered so uncommon that some authorities questioned their existence. However, over time, the incidence of esophageal adenocarcinoma (predominantly arising in the distal esophagus and esophagogastric junction) has increased dramatically in Western countries such that adenocarcinoma now accounts for over 60 percent of all esophageal Cancers in the United States.

Patients with advanced thoracic or cervical esophageal carcinoma usually present with progressive dysphagia and weight loss. Early intramucosal adenocarcinomas of the distal esophagus that are recognized at endoscopy in an area of Barrett's esophagus are not specifically symptomatic.

**Symptoms** 



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Early on, people might not notice any symptoms. They might find out they have esophageal Cancer after a test for another condition. When people have symptoms from esophageal Cancer, they might have:

- Trouble swallowing, especially solid, dry foods this gets worse over time.
- Weight loss
- Pain or a burning feeling in the chest
- A hoarse voice

All these symptoms can also be caused by conditions that are not Cancer. But if you have these symptoms, tell a doctor or nurse.

### Diagnosis

The evaluation may include contrast-enhanced computed tomography (CT) of the neck, chest, and abdomen, whole-body integrated fluorodeoxyglucose (FDG) positron emission tomography (PET)/CT, EUS, and/or diagnostic laparoscopy.

### Treatment

- Surgery Esophageal Cancer can be treated with surgery to remove the Cancer. If your doctor needs to remove part of your esophagus during surgery, he or she will reconnect your esophagus and stomach so that you can swallow food.
- Radiation therapy Radiation kills Cancer cells.
- Chemotherapy Chemotherapy is the medical term for medicines that kill Cancer cells or stop them from growing.
- Immunotherapy This is the term doctors use for medicines that work with the body's infection-fighting system (the "immune system") to stop Cancer growth.

Alternative medicine for Esophagus Cancer

## **UPON REQUEST**