

TIENS Cordyceps Capsules

I. Relevant fundamental knowledge

Cordyceps is a traditional famous and precious traditional Chinese medicine in our country, which is as famous as ginseng and hairy deerhorn. Cordyceps, ginseng and hairy deerhorn are called the three great tonic substances. Cordyceps is rare and difficult for collection, so it is very valuable and called "Gold in drug".

Cordyceps contains about 7% of cordycepic acid, about 25% of proteins, about 8.4% of lipids (among them, 82.2% are unsaturated fatty acids), 20 types of amino acids (including the 8 types of essential amino acids required by human body), abundant vitamins, mineral substance, fungisterol, hexose alcohol and various alkaloids and biological enzymes.

In the ancient books and records of traditional Chinese medicine, such as Ben Cao Cong Xin (1957) and A Supplement to the Compendium of Materia Medica (1795), there are detailed records and description of Cordyceps. According to traditional Chinese medicine, Cordyceps is sweet in taste and warm in nature, goes into the channels of lung and kidney, has the same functions as ginseng, and can restore qi, enhance essence and qi, tonify the kidney, protect lungs, arrest bleeding, and resolve phlegm. It is indicated for long-term chronic cough, asthma, night sweat, impotence etc. and the invigoration for recovery and valetudinarianism.

It has been found in modern study that Cordyceps can significantly enhance immunity and resist tumors, which makes Cordyceps more valuable. In addition, Cordyceps are both food and drugs and a valuable tonic health care product famous both at home and abroad.

(Relevant story) Cordyceps is a fungi of claviceps purpurea family parasitized in the larvae of swift moths (a lepidopterous insect) growing in high altitude localities. The larvae infested by the fungi goes into earth in winter and gradually forms sclerotia (the crust of polypide is still intact at this time). In summer, the propagative organs of polypide grow from the sclerotia or the body of dead larvae and the shape of them are like grass, so it is called "Dong Cong Xia Cao" in Chinese, which means the larvae in winter and the grass in summer.

(Relevant story) Pu Songling, the author of Liao Zai, once described Cordyceps as follows: "The name of Cordyceps agrees with its features; Cordyceps is produced via changes; The same material is both animal and plant; What a wonder in the world!".

II. Main ingredients and efficacies of the product

1. Main ingredients of the product: high quality Cordyceps mycelia

2. Efficacy of the product:

1) Enhancing immunity, augmenting the capacity of body to resist various communicable diseases and inhibiting the incidence of tumors.

Immune system is the barrier of human body against various pathogenic factors, equivalent to the armed force and policemen of a country, which is the guarantee for the "long period of stability" of human body. If immune system is impaired due to various reasons, the anti-disease capacity will be reduced like the decrease of the fighting capacity of a national armed force and various pathogenic factors (namely the internal and external enemies) will take advantage of this weak point. The so-called exterior enemies are different kinds of viruses, harmful bacteria and fungi, which may lead to communicable diseases. However, the internal enemies, namely tumors, are more dangerous. Tumor is the malignant transformation of normal cells. Because of the immune surveillance of immune system, the malignant transformation rate is low. Even if malignant transformation occurs, the malignant cells will be eradicated by immune system in a flash. However, when immune system is in hypofunction, the incidence rate of tumors will be greatly increased, which may result in serious injury to health. Enhancing immunity is like enhancing the fighting capacity of an army, which is a long-term process. Cordyceps contains a great variety of compounds that can enhance the immunity of human body, such as cordycepic polysaccharide and acid. Long-term use of Cordyceps can significantly enhance the function and vitality of immunocytes in vivo, stimulate the generation of various immunologic active factors, significantly increase the activity of immune system, enhance immunity, thus effectively resist various endogenous and exogenous diseases, decrease the incidence rates of infections, tumors and autoimmune diseases, and it has no side effects.

2) Enhancing physical strength, improving sleep quality, mitigating fatigue and promoting sexual function.

Cordyceps is called the "good drug for various diseases of deficiency" and has the same functions as ginseng. According to traditional Chinese medicine, it goes into the kidney channels, and has the effects of restoring qi and enhancing essence and qi. In traditional Chinese medicine,

kidney can regulate the functions of human body and provide "vigor" and "motivity" for vital activities (the kidney in Western medicine is only the kidney in anatomy). The functional changes and balance adjustment of kidneys affect the dynamic balance of the five zang-organs and six fu-organs in the human body. "Deficiency of the kidney" mainly refers to the hypofunctions concerned with kidney, such as hypomnesia, low sexual function, liability to bone fracture, anemia, lassitude in loin and legs etc.

However, "tonifying the kidney" should not be performed blindly. Cordyceps can not only nourish the yin of lungs, but also tonify the yang of kidney, enrich essence and blood, and is a top-grade product for tonifying and nourishing yin and yang. It also can increase cardio-pulmonary function and the oxygen carrying amount in vivo, promote physical performance and endurance, enhance the tolerance to the pressures from work and environment, facilitate the recovery from fatigue and promote various functions of human body.

In addition, the unique components in Cordyceps can consolidate the constitution, enhance essence, tonify the kidney, significantly improve the physiological metabolism of males, enhance body constitution, ameliorate deficiency of the kidney and debility, increase the secretion of male hormone in vivo, stimulate the secretion functions of adrenal glands, strengthen male sexual function, improve the manifestations of poor sexual functions, such as impotence, premature ejaculation etc. And Cordyceps can also significantly ameliorate all sorts of discomfort in the climacteric period of females.

Moreover, Cordyceps can supplement physical strength and facilitate recovery. It can regulate metabolism, enhance internal organ functions, resist anoxia, and this is the reason why people will feel full of physical energy after long-term administration of Cordyceps. In the early time after healing from diseases, the body constitution of patients is often weak, and taking Cordyceps at this time can contribute to faster recovery.

For the moment, it has been proved by the research of sports medicine that Cordyceps can enhance the body constitution of athletes and promote motor ability, postpone the generation of fatigue, expedite the elimination of fatigue. In addition, Cordyceps contains no prohibited component and has no toxic or side effect, so Cordyceps preparation will be a new magic weapon for athletes to obtain good performance records.

3) Effectively preventing and curing different kinds of respiratory diseases.

Acute respiratory diseases result from different kinds of viruses and bacteria with a rapid onset. Malpractice may lead to the change of acute respiratory diseases into chronic respiratory diseases. Once acute respiratory diseases severely impair the lives and health of human, but with the extensive use of antibiotics, the threats of acute respiratory diseases to human are gradually reduced.

Among chronic respiratory diseases, chronic tracheitis and emphysema are most common, and smoking is the principal cause of formation of chronic obstructive respiratory disease. The tracheas of smokers are exposed to pessimal stimulation for a long time, which results in repeated attack of inflammations, gradual degeneration of pulmonary functions and gradual aggravation of respiratory tract symptoms.

Although the aggravation of chronic bronchitis and emphysema is a long process, it may seriously impair respiratory system and pulmonary function, significantly increase the risk of lung cancer, even cause pulmonary heart disease and respiratory system failure and endanger life.

(Relevant story) In the ancient times, our sapiential ancestors found Cordyceps went into the lung channel and had significant improving actions on chronic bronchitis, emphysema and bronchial asthma.

Cordyceps can promote immunologic functions of human body, significantly resist a great variety of pathogens of respiratory tract, prevent lung cancer, significantly dilate bronchus, clean tracheae, decrease the production of sputa, effectively solve the problems of asthma and dyspnea, and has favorable anti-inflammatory action.

Therefore, if you are suffering from chronic respiratory diseases, Cordyceps can improve your discomforts (such as cough, sputa, asthma and inflammation) without any toxic or side effect.

4) Enhancing the capacity of human body of defending against different kinds of harmful radiations.

The achievement of modern civilization not only brings convenience to life, but also increases the incidence rate of various tumors and blood diseases. In some developed cities, tumor has been the "No. 1 killer" threatening lives and Cordyceps has outstanding actions of radioresistance and can provide you a solid "protecting wall" against harmful radiation.

Malignant tumor patients often require high dose of chemotherapy and radiotherapy, which not only kill tumor cells, but also seriously impair the normal cells in human body, especially

marrow cells and reproductive cells.

Cordyceps can significantly mitigate the adverse reactions after radiotherapy and chemotherapy (gastrointestinal tract reactions, such as nausea and vomit) and has assistant actions. Cordyceps can prevent and repair the cell injury due to ionizing radiation or harmful chemical substances, facilitate the multiplication and differentiation of bone marrow stem cells and reproductive cells of human body. In particular, it has significant improving actions on various impairment caused by radiotherapy and chemotherapy.

5) Inhibiting the process of senescence

"Free radicals" are chemical radicals with strong oxidability in human body and the root cause of the aging of human body and many diseases. It has been proved by a great deal of in vivo and in vitro tests that Cordyceps contains a great variety of active components that can eliminate free radicals, and is one of the most effective natural antioxidants having been found up to now, which can significantly reduce the injury of "free radicals" to tissues and organs, inhibit the activity of monoamine oxidase, thereby significantly postpone the deterioration and aging of various functions and prolong life.

6) Reducing the content of adverse lipids in blood and decreasing the incidence of cardiovascular and cerebrovascular diseases.

With the growth in the living standard, great changes have occurred in the diet structure and life style of modern man. People intake more and more fat and saccharides and have less and less physical work. With the increase of age, the fat metabolism functions of human body will decrease. Therefore, fats will deposit in vessels of heart and brain and result in hypertension, coronary heart disease and cerebrovascular accident, which is a severe threat for the health of people. According to statistical results, cardiovascular and cerebrovascular diseases have been the "No. 1 killer" for modern urbanites.

The unsaturated fatty acid and polysaccharide components in Cordyceps can decrease the adverse lipids, such as triglyceride, low density lipoproteins in blood, promote helpful high density cholesterol (HDL), play a role of "blood vessel scavenger", effectively eliminate different kinds of undesirable components in blood, decrease plasma viscosity, prevent thrombosis, formation of atherosclerosis plaques and spasm of coronary artery (providing blood supply to

heart), maintain the normal blood supply in important tissues and organs, effectively ameliorate arteriosclerosis and hypertension, and prevent and cure various cardiovascular and cerebrovascular diseases.

7) Cordyceps is a "natural antibiotic", and can inhibit and kill various pathogens.

Cordyceps has significant inhibiting and killing actions on a great variety of common bacteria, such as staphylococci, streptococci, mycobacterium tuberculosis etc., and has no common side effects of antibiotics.

8) Cordyceps also has significant improving actions on low liver function due to various causes and diabetes

*** Production technique**

This product is made with high quality Cordyceps mycelia as raw materials using advanced production technology and modern high-tech biological isolation techniques so as to increase product concentration, biological activity and health care effects. The contents of many active components in this product are higher than those in natural Cordyceps. Capsule is used as the medicament form. This product is a high quality liquid and can be absorbed more completely and faster. It is convenient for carrying and you can enjoy the health and convenience provided to you by the natural precious substances and high techniques.

III. Target customers and edible method

1. Target customers:

The persons with poor body constitution and low immunity and easy to catch cold

The persons with cough and abundant expectoration smoking for a long time; asthmatic patients

The persons in the recovery period after suffering from diseases and operations

The persons with low sexual function

The persons with hyperlipemia and cardiovascular diseases

The persons with hyperglycemia

The persons with low liver function

The patients receiving surgery, radiotherapy and chemotherapy because of tumors

The persons with busy work and often feeling tired

The persons with high pressure of life and poor sleep

The persons exposed to computer, mobile telephone and various microwave devices for a long time

2. Edible method:

Take it with warm water 30 minutes after meal. 1-2 capsules each time, once or twice a day.