



## Dong Shen Xia Cao – Miracle Drug

Dong Shen Xia Cao is a combination of the essential elements of Cordyceps which is often referred to as the secret diamond amongst Chinese herbal medicine and Teatree-multienzymes. This successful combination has shown to be an extremely fast-acting health enhancing drug whose effectiveness surpasses that of the original ingredients by a manifold.

In fact, the right dose of Dong Shen Xia Cao will cure many ailments within 12 hours.

Examples of the characteristics and benefits of Cordyceps and Teatree-multienzyme to our body systems are presented as follows:

### **Cordyceps:**

1. Effect on the immune system: Studies found that Cordyceps increased the spleen mass in rats after eating Cordyceps for a period of time. By enhancing the biosynthesis of DNA in spleen cells, the amount of nucleic acids and protein molecules in spleen cells were increased. Therefore, this enhancement promoted the synthesis and growth of spleen cells.
2. Effect on monocyte and macrophage cells: Studies in rats showed improved capabilities of engulfing foreign substances or cellular debris by macrophages.
3. Effect on immune system: Studies found that Cordyceps could induce THY-1 cells and stimulate immediate growth of B-lymphocytes.
4. Effect on immune system: Many scientists believe that Cordyceps can enhance our immune system. This was exemplified after injecting small doses of Cordyceps into the abdominal region of rats and increases in the mass of spleen cells, the synthesis of eosinophils, and the activity of Natural killer cells (NK) were noticed.
5. Effect on cancer cells: By injecting Cordyceps into the abdominal region of rats for 15 days, growth inhibition of cancer cells in the breast and various internal organs were observed. This finding consequently extended the lifespan of the rats involved in the study and provided opportunities in research for treatments in cancers.
6. Effect on the cardiovascular system: During the studies, it was found that Cordyceps reduced the chances of arrhythmias in rats under anesthesia. The rats involved in the studies also showed a moderate decrease in heart rate and blood pressure when injected with small doses of Cordyceps. The blood cholesterol and triacylglyceride (TAG) levels were also reduced in the study group of the rats. Therefore, it was concluded that Cordyceps was able to restore the normal viscosity of blood.
7. Effect on smooth muscle cells: Cordyceps demonstrated a noticeable effect in bronchodilation in the trachea and an increase in the secretion of the adrenal gland hormone in the rats in the studies.
8. Antiseptic effects: The extract of Cordyceps, Cordycepic acid, demonstrated growth inhibition in Mycobacterium tuberculosis (T.B), Staphylococci, Streptococci, and various bacilli. Furthermore, by treating Plasmodium protozoa with Cordycepic acid, the amounts of protozoa were noticeably reduced and the mature form of Plasmodium protozoa deteriorated substantially. However, Cordycepic acids

were not able to inhibit the division and differentiation of the protozoa.

9. Androgenic effects: Under the study, the mass of testes taken from the male rats treated with Cordyceps increased noticeably. This demonstrated the effect of Cordyceps on secretion of testosterone.
10. Sedative effects: Cordyceps also demonstrated certain sedative effects to the rats involved in the study. The study showed that the rats treated with Cordyceps had better sleep duration and less movement during sleep.

In recent years, several other studies concluded that Cordyceps had anti-fatigue effects, therefore, increasing the physical activities of the rats involved with the studies. In addition, some Japanese biomedical laboratories also conducted clinical trials about Cordyceps. The following tables interpret the results from the studies.

Diseases	Numbers of patients	Duration of treatment	Efficiency (%)	Details
Erectile dysfunction	159	40 days	85.0	> 80% efficiency can be reached after treatment for 1 week to 1 month (from Focus Group).
Heart disease	33	4 weeks	90.5	Decreased levels of cholesterol, TAG, and blood viscosity. Better hemodynamic circulation.
Arrhythmia	277	4 weeks	74.4	Enhanced inotropic effects
Hypertension	273	1-2 months	60.0	Decreased blood pressure and levels of cholesterol and TAG.
Lung disease	30	1-3 months	80.0	Anti-coughing and better clearance of secretion
Hepatitis B	33	3 months	78.6	
Liver cirrhosis	22	3 months	68.0	
Bronchitis	41	3 months	94.2	Improved bronchodilation.
Diabetics	29	1-2 months	86.9	

Rheumatoid arthritis	31	2 months	82.0	
Rhinitis	43	1 month	93.0	Improved functions of airways.
Tinnitus	23	4 weeks	90.0	
Malignancy	30.0	2 months	93.0	Enhanced immune system, and inhibiting tumor growth.

### **Teatree-multienzyme:**

A book from the Dang dynasty stated how tea was essential to treating various diseases. With the financial assistance from the Zhen-Jiong province natural science fund, China was able to extract the essential elements of tea. Also, the relation between teatree-multienzyme and free radicals from the level of molecules to cells, tissues and organisms was understood better throughout numerous researches conducted. With the increasing numbers of modern diseases such as diabetes, malignant tumors, and cardiovascular diseases, people are looking for a better and more effective natural supplement for disease prevention. The teetree-multienzyme appears to meet these demands.

#### **1. Function evaluation:**

Effectiveness in radical clearance: The effectiveness in oxygen radical and hydrogen radical clearance was 98% and 99% respectively. At the same time, it was found that the efficiency in radical clearance is greater than Vitamin C and E.

Anti-aging: The studies found that the experimental fly groups treated with teatree–multienzyme increased their half-life time by 13.6 to 15.5 days. The average life expectancy of the experimental groups was 36.1 to 49.9% longer in comparison to the control group.

Anti-fatigue: The study rat groups were treated with 30 and 100 mg/kg of teatree-multienzyme, while the control groups only received normal saline. The treatment was given once a day, and continued for one week. In comparison to the control group, the study groups showed that the average swimming time was 28.3±2.7mins. The average swimming time of the study groups treated with 30 and 100 mg/kg of teatree-multienzyme were 36.6±6.1 and 49.7±9.7mins respectively. This clearly indicated the potency of teatree-multienzyme to enhance physical activity.

Anti-radiation: The animal studies conducted in Japan reported that the tea had anti-radiation effect. This finding supported the higher survival rate noted in people consuming tea as a habit after the atomic bombing in WWII. It was also found that teatree-multienzyme demonstrated better clearance of oxygen radical in comparison to vitamin C and E. After treating the adult rats with radiation,

feeding these rats with teatree-multienzyme not only reduced the amount of oxidized lipid tissue, but also increased the activity of SOD and GSH-PH within these rats. These findings reconfirmed the anti-radiation effect of teatree-multienzyme.

Effect on dental hygiene: Individuals from the study group receiving the concentration of 1mg/ml teatree-multienzyme solution showed decreases in the growth of Streptococci in their oral cavity. It was also noted that these 47 individuals in the study group who rinsed their oral cavities with 0.2% solution of teatree-multienzyme had noticeable decreases in dental caries and the amount of Streptococci in their oral cavities over time.

Antiseptic effects: In culturing, Teatree-multienzyme showed inhibition to the growth of Staphylococci, Streptococci, Salmonella bacilli, and several other bacilli.

Effect on immune system: After treating the small sized rats in the experimental group with teatree-multienzyme, the cell numbers and mass of thymus glands and spleens were both increased. Also, the indication of lymphocytes in the experimental group was higher than the control group.

**Enhancements of Cordyceps & Teatree-Multienzyme to different body systems**

	Cordyceps extract	Teatree-multienzyme
Immune system	☑	☑
Anti-malignancy	☑	☑
Cardiovascular system	☑	☑
Respiratory system	☑	
Androgenic effects	☑	
Anti-aging	☑	☑

☑ represents the enhancement.

In conclusion, the combination of Cordyceps and teatree-multienzyme has doubled the effectiveness in enhancing immune system, cardiovascular system, anti-malignancy, and anti-aging. In addition, the peripheral blood circulation is improved with the treatment of teatree-multienzyme

over time. The product of Cordyceps and teatree-multienzyme has been tested and examined to ensure good quality control for long-term usage.

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