

# Technical Reference

*The information in this article is not intended as medical advice, but only as a guide in working with your health care professional.*

## Therapeutica™ Wei Chi Tea with Skullcap

Traditional Chinese Medicine recognizes the “constriction of blood vessels” as the first sign of a challenge to your natural defense mechanism - your Wei Chi. This happens if you become cold, feel stressed or face any symptoms that can lead to illness. Your blood doesn't flow freely, magnifying aches and pains, dampening your spirits and intensifying fatigue! TCM teaches that your best remedy is, first and foremost, to restore blood flow. One of the sayings passed down for thousands of years is, “Where blood flows, Qi (energy) goes. **Therapeutic™ Tea Concentrate** restores the flow of blood, insuring that your internal organs can do their job in restoring health.

**Therapeutica's™** powerful ingredients are also designed to help your immune system “act appropriately” whenever it is challenged. When your *Wei Chi* is seriously compromised, the body's natural defenses go into action, often bringing on a fever. In Western Medicine, when a high fever breaks, this response usually viewed as a good sign. Chinese Medicine, however, believes that the body has literally become too hot and the immune system, to avoid causing harm, has shut itself off! **Therapeutica™ Tea** insures that your body's immune response does not “overheat”, thus it modulates symptoms and allows the body to more appropriately use its energy for restoring wellness.

Other key ingredients in **Therapeutica™ Tea Concentrate** naturally boost your body's ability to cleanse itself of parasites, bacteria and viruses, many that cause inflammation that is often endured as “old age”.

**When do you need Therapeutic™ Tea Concentrate?** You can safely use this tea at a therapeutic dose as an annual cleansing tonic for three weeks (preferably each spring). During the balance of the year, whenever you feel your “Wei Chi” is challenged, when symptoms of cold or flu appear or you feel an inflammation anywhere in your body, reach for **Therapeutica™** as your first defense.

**An interesting note:** In treating childhood ear infections, antibiotics are often rendered ineffective simply because the inflammation in the tiny capillaries that surround the ear blocks the flow of blood, which, in turn, starves the area of medication. A few drops of **Therapeutica™** will enhance the benefits of your antibiotics. Continued use of **Therapeutica™** at an appropriate dose for a child's age for several weeks will help restore important balance so that the body's immune system can handle any future challenges.

**As with all Three Treasures Tea, your Therapeutica™ formula is a balanced formula.** It delivers the maximum benefits of Cassia tora and Chinese kudzu to supply cooling energy to the liver, kidneys, lungs, gall bladder, large intestine and small intestine, which protects them from infection. Knotweed contributes calming and warming energy to the lungs and kidneys which reduces inflammation and balances the immune system. Kudzu cools the spleen and muscles and expels internal heat. Licorice enhances the benefits of all herbs in all meridians and organs. This formula cleanses the entire body, while eliminating the excess heat.

#280 2 FL. OZ. (60 Servings)

### DOCUMENTATION OF INDIVIDUAL HERBS

#### Cassia tora

(Semen cassiae)

**Organ Affinity:** Liver and Gall Bladder

**Effects:** Antipyretic to liver; laxative, promotes clear vision.

**Indications:** All eye problems due to liver inflammation: swelling, soreness, over-sensitivity to light.

**Remarks:** A very natural-acting laxative; safe and affective for chronic constipation; it also lowers blood pressure effectively. Contains large amounts of Anthraquinones, active inflammatory and arthritis agents. Polydatin in this herb decreases the level of blood fat, inhibits bacteria and candida, dilates capillaries and improves circulation.

#### Chinese Kudzu

(Puerarin lobata)

**Organ Affinity:** Spleen, Pancreas, Stomach

**Effects:** Diaphoretic, cooling, dilator of arteries and veins.

**Indications:** Alcohol craving: hangover; treatment of glaucoma; headache; heart functional problems.

**Remarks:** Tonic for reduction of alcohol craving; daidzin in kudzu blocks enzymes which cause alcohol poisoning (hangover); beta-adrenoreceptor antagonist. Protective effects on heart; helps with headaches by the effect of having better blood flow to the brain.

#### Skullcap

(Bacial Skullcap)

(Scullallaria Bacicalensis)

**Organ Affinity:** Heart, Lungs, Gallbladder, Large Intestines, Small Intestines

**Effects:** Antipyretic; antidote; refrigerant; drying; sedative to restless.

**Indications:** Excess heat; oppression in chest, thirst with no desire for water, dysentery and diarrhea, jaundice, body heat, irritability, blood in stool and sputum, nosebleeds.

**Remarks:** Lowers blood pressure; sedative effects on central nervous system; antiseptic against many germs, including candida.

### **Chinese Knotweed**

(*Polygonum cuspidatum*)

**Organ Affinity:** Kidney

**Traditional use in Chinese Medicine:**

Tonic to kidneys, kidney deficiency: lumbago, weak bone, constipation due to dry intestine, swelling of lymph glands, abscesses and ulcers, analgesic. Expels damp-wind, moist, eases blood flow (Menstrual disorders), candida, sore throat, cough, and clears phlegm.

**Remarks:** Antiinflammatory (arthritis), anti-bronchitis, fever due to lung infection, antimicrobial, and antiviral.

**Recent scientific findings:** Polydatin thins blood, inhibits effect of platelet aggregating, reduces effect on arterial thrombosis, prevents endotoxin-induced acute lung injury, enhances antioxidation, and protects against multiple organ failure. Anthraquinones (emodin, danthron, physcion and rhein) are active antiinflammatory compounds against arthritis and antimicrobial activity.

### **Chinese Licorice**

(*Radix Glycyrrhizae*)

**Organ Affinity:** Enters all 12 meridians and Organs

**Effects:** Tonic; antipyretic, antidote; demulcent to lungs; expectorant; analgesic.

**Indications:** Empty spleen and stomach; blood and energy deficiency; toxic excess; swollen and sore throat; coughs; asthma; acute abdominal pains.

**Remarks:** Most common Chinese herb. Has benefits for all organs; good taste; slows and prolongs the effects of strong tonic prescriptions; emollient in peptic ulcers.

### **Lo Han Kuo**

(Cucurbitaceae fruit -  
*Momordica grosvenori*)

**Organ Affinity:** Spleen, Liver

**Effects:** Antipyretic; moist; calming; and relaxing.

**Indications:** Digestive tract problems; sore throats, coughs, headache, and tension.

**Remarks:** Effective for elimination of constipation, diarrhea, or other digestive problems; relaxes digestive tract. Relates to tension and helps reduce headaches.

## **Selected References For Therapeutica**

### **CASSIA TORA**

1. Bitetrahydroanthracenes from flowers of *Cassia torosa* Cav. Chem Pharm Bull (Tokyo) 242:2588-90, 1994. Kitanaka S & Takido M.

### **CHINESE KUDZU**

1. [Effect of puerarin on cerebral blood flow in dogs]. [Chinese]. Chung Kuo Chung Yay Tsa Chih 1995 Sep;20(9):560-2, inside backcover. Chen L., etc.
2. [Effects of puerarin on cat vascular smooth muscle in vitro]. [Chinese]. Chung Kuo Yao Li Hsuch Pao 1994 Mar: 15(2); 180-2. Wang L.Y., etc.
3. [The intraocular pressure depressive effect of puerarin ] [Chinese]. Chung Hua Yen Ko Tsa Chih 1993 Nov; 29(6):336-9. Kang, RX.
4. Protective effect of puerarin against myocardial reperfusion injury. Myocardial metabolism and ultrastructure. Chin Med J (Engl) 1922 June; 105(6):451-6. Fan LL., etc.

### **CHINESE KNOTWEED**

1. Polydatin prevents endotoxin-induced acute lung injury in rats. Chung Hua Chih Ho Ho Hu His Tsa Chih. 16:153-4, 1993. Mo Gy etc.
2. Emodin, a protein tyrosine kinase inhibitor for *Polygonum cuspidatum*. J. Nat Prod 55:696-8, 1992, by Jayasuriya H., Koonchanok, NM., etc.
3. An invivo investigation of the effect of anthraquinones on the turnover of aggrecans in spontaneous osteoarthritis in the guinea pig. Inflamm Res 44:182-6, 1995. Carney SL, Hicks CA, Tree B and Broadmore RJ.

4. Activity of Anthraquinonic and naphthoquinonic compounds on oral bacteria. Pharmazie 49:681-3, 1994. Didry, Dubreuil L and Pinkas M.
5. Evaluation of the antiviral activity of anthraquinones, anthrones, and anthraquinone derivative against human cytomegalovirus. Antiviral Res 17:63-77, 1992.

### **CHINESE LICORICE**

1. Parmar, S.S. et. al. Biochemical basis for antiinflammatory effects of glycyrrhetic acid and its derivatives. Int. Cong. Bio-Chem., 6(5), 410-1964.
2. Zhao, M.Q. et. al. The preventive and therapeutic actions of glycyrrhizin, glycyrrhizin acid and crude saikosides on experimental cirrhoses in rats. Yao Hsueh Hsueh Pao, 18(5), 32-331, 1983.
3. Anderson D.M. and Smith, W.G. The antitussive activity of glycyrrhetic acid and its derivatives. J. Pharm, Pharmacol., 13, 396-404, 1961.
4. Takagi, K., Watanebe, K. and Ishi, Y. Peptic ulcer inhibiting activity of licorice root. Proc. Int. Pharmacol. Meeting 7(2), 1015, 1965.
5. Greenburg, H.B. et. al. Effect of human leukocyte interferon on hepatitis B virus infection in patients of glycyrrhizinic acid. Experientia, 36, 304, 1980.

### **LO HAN KUO**

1. Lee C. Intense sweetener from Lo Han Kuo (*Momordica grosvenori*). Experientia 1975 May 15; 31 (5) :533-4