

## II. Topical Used Herbal Preparations

In history, Chinese have made 5 major inventions to the world civilization. 1) Chinese herbal medicine for effective treatment of variety of chronic diseases and tumors, 2) Gun powders for the development of rockets and space science, 3) Navigator for sailing on ships and airplanes, 4) Manufacture of papers, and 5) Printing technology.

Herbal cancer therapy comprises a number of alternative treatments in the fight against cancer. As early as more than 3,000 years ago, Chinese doctors had used herbs in treatment of cancer patients. Chinese medicine has been used widely in Japan, Korea, India, and South East Asia countries since long time ago.

According to the reliability of therapeutic effects, Chinese medicinal herbs divide into 3 main categories. The first is the Classical Medicinal Herbs, including approximate 265 kinds of medicinal herbs and plants and a few of medicinal minerals that have been identified by scientific works and proven by clinic studies. The second is the folk herbs (folk experienced recipe herbs) that have approximately 600 sorts of herbs. The third is the hi-tech made herbal medicines, the concentrated herbal extract, which is 5 to 10-fold more effective than their raw materials.

From the modality of administration of herbal medication, anti-cancer herbal medicines are herein classified into 3 groups, including take by mouth, topical use and injectable preparations (not available at our HCC and HMC).

Since 1990, a research group of hi-tech herbal medicine directed by Dr. David Liu has conducted many studies on herbal treatments in chronic diseases and tumors. We have screened all of 66 sorts of anti-cancer medicinal herbs using our unique techniques, including identify and analysis of ester-soluble active ingredients, ethanol-soluble active ingredients and hydrate-soluble active ingredients in each potential anti-cancer medicinal herb or plant.

We have demonstrated that LDL-110 anti-cancer herbal active ingredient is 6-fold powerful than chemotherapy drug mitomycin in killing 14 types of human cancer cell lines in tissue culture, including 3 types of breast cancer and cancer of prostate, 4 types of lymphoma, 2 types of leukemia and melanoma, and 2 types of colorectal carcinoma. Furthermore, clinic studies have shown LPY-80 herbal capsule is a high potent broad-spectrum anti-leukemia and lymphoma herbal remedy. More importantly, both LDL-110 anti-cancer herbal capsules and LPY-80 anti-leukemia-lymphoma herbal capsules are convenient and safe to patients, they are available in capsules which are taken by mouth and are free of side-effects if clients follow the service directions.

The below descriptions are commonly used Chinese anti-cancer herbs that have been investigated, identified, tested, and clinically proven in over hundred thousand patients every year in China. These herbs are allowed to be used as herbal supplements in the USA.

One should understand that a single herb or a single herbal extract may only give little anti-cancer therapeutic effect when it is used alone. However, when several herbs or herbal extracts scientifically formulated together will result in highly

effective anti-cancer recipe and the side-effects of the formulated herbs would be attenuated, minimized or neutralized. For example, when Glossy Privet fruit is used alone, it may give about 20 to 30% anti-cancer efficacy in some patients with leukemia or lymphoma and it may cause some adverse effects as well. However, our experience indicated that Glossy Privet fruit combines with Milkvetch root herb and others that may attain 90% anti-cancer efficacy and brings about 10% side-effects. Therefore, a correct herbal therapy regimen is not a simple accumulation picking several kinds of anti-cancer herbs together. Self-prescription of herbs by clients is not advised that may be harmful or even fatal.

For cancer patient, this chapter is a good self-education booklet and reference from which patients will understand what anti-cancer herbal treatment is.

For cancer patient, you need always consulting your primary care physician or herbal specialist before you use any anti-cancer herb or herbal product. Particular attention should be paid to whom the below herbs are not for use in children under 18 of age. Safety during pregnancy and in lactating mothers has not yet been established. The HCC and HMC will not take any legal responsibility to one who has used raw herbal materials or herbal remedies from the outside resources of our facilities.

The FDA Regulations: Although these anti-cancer herbs, herbal supplements or herbal remedies are clinically proven high potent for patients with malignant tumor, cancer, leukemia and lymphoma in China and other countries, according to the USA-FDA regulations of herbal supplements, each of the below described herbs or herbal remedies is labeled as "This statement has not been evaluated by the FDA. This product is not intended to diagnosis, treat, cure or prevent disease".

## **Brucea Fruit (Yaw Dan Zi)**



Brucea fruit is the fruit of *Brucea javanica* distributed mainly in Guangdong, Guangxi and Fujian province, also in Taiwan. It is collected in autumn.

Brucea fruit extract is used in the treatment of carcinomas of the uterine cervix, rectum, anus, esophagus, liver, breast, lung, skin, colon, and thyroid. For carcinomas of the digestive tract and skin, 10% Brucea fruit extract injection preparation is used in China, but not in the USA. It kills tumor cells when it is topically applied. Brucea fruit is also used in the treatment of dysentery, chronic diarrhea, malaria, dermatitis, eczema, and flat condyloma in skin.

**Dr. David Liu's comment:** This herbal extract should not be applied onto the area of around eyes, mouth, lip and genitor organs where will cause severe swollen, edema, pain and allergic reaction.

## Psoralea Fruit (Bu Gu Zhi)



Psoralea grows in China, India, Iran, Nepal, Vietnam, and others. Psoralea fruits are collected in autumn when they are ripe, dried in the sun.

Psoralea fruit is a valued Chinese medicinal herb as a tonic remedy and a general vitality. This herb extract can dilate the coronary artery of heart and increase blood flow to the heart. It can excite the heart, increase cardiac output. The ethanol-soluble preparation of this herb has a light-sensitizing effect (the active ingredient is called Psoralen); therefore, it can be taken internally or used topically. Psoralen and Bakuchiol have anti-nidation and weak estrogen-like effects.

Special attention should be paid to clients who have taken Psoralea fruit extract they may have more pigmentation in skin or eye hurts when he or she is exposed to sunlight.

**Dr. David Liu' Comment:** I personally use Psoralea fruit extract in the treatment of heart failure, coronary heart disease, leukoderma, urine bladder atonia, prostatitis, and night bed-wetting.

Seeds of this herb contain psoralen which is a photosensitizer. Psoralen damages to membrane of normal cells and tumor cells. Psoralen also binds to DNA of cells that induce apoptosis and death of both normal cells, diseased cells and tumor cells. Psoralea fruit extract is also used in the treatment of psoriasis and other skin diseases.