

Overview of Botanical filled vials

Abuta - Relieves pain, stops inflammation, lowers blood pressure, stops bleeding, kills bacteria, reduces fever, protects the liver, balances hormones, reduces muscle spasms & relaxes muscles.

Amor Seco - Reduces inflammation, pain, muscle spasms, relaxes muscles & assists in wound healing.

Anamu - Reduces pain, kills bacteria, viruses, cancer and leukemia cells and fungi; reduces inflammation, prevents tumors, enhances immunity & reduces anxiety.

Andiroba - Reduces pain, reduces inflammation, heals wounds, kills bacteria and parasites, soothes skin & prevents tumors.

Bellaco-Caspi - Wound healer and anti-inflammatory and analgesic for arthritis, back pain and muscle injury.

Bobinsana - Used for relief of arthritis and rheumatism.

Catuaba - Calming of nerve pain, kills bacteria and viruses & reduces anxiety.

Chanca Piedra - Relieves pain, protects the liver, reduces spasms, reduces inflammation, kills viruses, aids digestion, kills bacteria & reduces fever.

Chuchuhuasi - Pain reliever and muscle relaxant and an anti-inflammatory for arthritis, rheumatism and back pain.

Cipo Cabeludo - Relieves pain, kills leukemia cells, cancer cells & calms nerves.

Clavo-Huasca - Analgesic used to relieve muscle aches & pains.

Copaiba - Relieves pain, reduces inflammation, kills bacteria and fungi, inhibits tumor growth and assists in wound healing.

Cumaseba - Relief of rheumatism and arthritis, painful & inflamed joints and muscle and bone conditions.

Embauba - Relieves pain, reduces inflammation, reduces spasms, kills bacteria and fungi, fights free radicals & strengthens the heart.

Erva tostau - Relieves pain, reduces inflammation, reduces spasms, kills parasites, stops convulsions, kills bacteria, amoebas, viruses & detoxifies the liver, kidneys & blood.

Espinheira Santa - Relieves pain, kills cancer and leukemia cells and germs; inhibits tumors & cleanses the blood.

Fedegoso - Relieves pain, reduces inflammation, kills cancer cells, bacteria, fungi, parasites, viruses and cleanses blood and reduces fever.

Gervau - Relieves pain, reduces inflammation and aids in the healing of wounds.

Guacatonga - Relieves pain, neutralizes venom, kills cancer cells, slows tumor growth, kills viruses and assists in the healing of wounds.

Huacapu - Has analgesic, anti-viral, anti-parasitical and antiseptic properties.

Iporuru - Relieves pain, reduces inflammation, kills fungi, viruses & prevents tumors.

Kalanchoe - Relieves pain, reduces inflammation, kills bacteria, viruses, fungi; assists in the healing of wounds & relaxes muscles.

Macela - Relieves pain, reduces inflammation, enhances immunity, kills viruses, and bacteria, fights free radicals, relaxes muscles, prevents tumors, supports the heart & protects liver.

Manaca - Relieves pain, reduces inflammation, reduces fever, prevents cellular mutations.

Mullaca - Relieves pain, reduces inflammation and muscle spasms, kills fungi, bacteria, cancer and leukemia cells, viruses and enhances immunity & reduces fever.

Mulungu - Reduces pain, decreases anxiety, calms nerves, kills bacteria & supports the liver.

Tamamuri - For arthritis, rheumatism and rheumatoid arthritis; for general pain & inflammation; for syphilis, yeast infections and skin fungi.

Tayuya - Relieves pain, reduces inflammation, fights free radicals, reduces stress, calms nerves & cleanses blood.

Ubos - anti-inflammatory for arthritis; muscle & joint injuries; analgesic for various types of internal & external pains and as an astringent and antiseptic wound healer for rashes, cuts, scrapes and other skin conditions.

Velvet Bean - Relieves pain, reduces inflammation, kills parasites, calms nerves, reduces fever, reduces spasms & is an L-Dopa alternative.

Chinese Herbal extracts for pain relief and anti-inflammatory action:

Analgesic - **Fang Feng** (Radix Saposhnikoviae) relieves pain due to its effect on the central nervous system. **Sheng Jiang** (Rhizoma Zingiberis Recens) reduces inflammation & pain via its effect on the peripheral nervous system. **Jing Jie** (Herba Schizonepetae), **Qiang Huo** (Rhizoma et Radix Notopterygii), **Man Jing Zi** (Fructus Vicitus), **Gao Ben** (Rhizoma Ligustici) & **Xin Yi Hua** (Flos Magnoliae) also have pain reducing properties, but their mechanisms of action are not well understood at this time.

Anti-inflammatory – **Chai Hu** (Radix Bupleuri) reduces inflammation by stimulating the release of hormones from the adrenal cortex. **Qiang Huo** (Rhizoma et Radix Notopterygii) reduces inflammation by stimulating the endocrine system, particularly the pituitary gland and adrenal cortex. **Sheng Jiang** (Rhizoma Zingiberis Recens) inhibits prostaglandin synthesis in the periphery.

Other systemic vials contain different blends of the following natural materials:

Amargo - Kills parasites, cancer and leukemia cells, and viruses; expels worms, reduces fever, reduces inflammation, prevents tumors, cleanses blood & stimulates digestion.

Amor Seco - Reduces inflammation, pain, muscle spasms, relaxes muscles & assists in wound healing.

Anamu - Reduces pain, kills bacteria, viruses, cancer and leukemia cells and fungi; reduces inflammation, prevents tumors, enhances immunity & reduces anxiety.

Andiroba - Reduces pain, reduces inflammation, heals wounds, kills bacteria and parasites, soothes skin & prevents tumors.

Aloe Vera - Skin soothing, pain & irritation relieving.

Avenca - Kills viruses & bacteria, detoxifies, reduces blood pressure, supports the heart, cleanses blood, heals wounds, reduces cholesterol, protects the liver, neutralizes free radicals & lowers blood sugar.

Ayapana - Anti-tumor and aids in the healing of cuts, scrapes and wounds.

Bellaco-Caspi - Wound healer and anti-inflammatory and analgesic for arthritis, back pain and muscle injury.

Bitter Melon - Kills bacteria, viruses, cancer and leukemia cells, prevents tumors, reduces inflammation, neutralizes free radicals & enhances immunity.



Carqueja – Has analgesic, liver detoxifying and anti-viral properties.

Cat's Claw - Anti-inflammatory for arthritis and muscle pains/strains/injuries, kills cancer and leukemia cells, reduces inflammation & relieves pain.

Chanca Piedra - Relieves pain, protects the liver, reduces spasms, reduces inflammation, kills viruses, aids digestion, kills bacteria & reduces fever.

Chaparral - Used traditionally as an anti-parasitical, anti-cancer, anti-tumor & lymphatic cleanser/stimulator.

Cipo Cabeludo - Relieves pain, kills leukemia cells, cancer cells & calms nerves.

Copaiba - Used traditionally as an analgesic, anti-inflammatory, antiseptic, anti-microbial agent and for skin cancer, stomach ulcers and stomach cancer.

Embauba - Relieves pain, reduces inflammation, reduces spasms, kills bacteria and fungi, fights free radicals & strengthens the heart.

Erva tostau - Relieves pain, reduces inflammation, reduces spasms, kills parasites, stops convulsions, kills bacteria, amoebas, viruses & detoxifies the liver, kidneys & blood.

Espinheira Santa - Relieves pain, kills cancer and leukemia cells and germs; and inhibits tumors & cleanses the blood.

Fedegoso - Relieves pain, reduces inflammation, kills cancer cells, bacteria, fungi, parasites, viruses and cleanses blood and reduces fever.

Gervau - Relieves pain, reduces inflammation and aids in the healing of wounds.

Grape Seed Extract - Micro-circulation and nerve repair & healing. Brain function enhancement.

Graviola - Kills cancer cells, slows tumor growth, kills bacteria, viruses and parasites; relieves depression, reduces muscle spasms & assist in managing convulsions.

Guacatonga - Relieves pain, neutralizes venom, kills cancer cells, slows tumor growth, kills viruses and assists in the healing of wounds.

Huacapu – Has analgesic, anti-viral, anti-parasitical and antiseptic properties.

Huperzine A - Used in China for centuries for the treatment of swelling, fever & blood disorders. Clinical trials in China have shown it to be effective in the treatment of Alzheimer's disease and to enhance memory in healthy individuals.



Iporuru - Relieves pain, reduces inflammation, kills fungi, viruses & prevents tumors.

Jatoba - Kills fungi, candida, molds and bacteria; neutralizes free radicals & reduces muscle spasms.

Jergon Sacha - Topical wound healer. Kills viruses, neutralizes venom, reduces inflammation. Used for snake & insect bites/stings.

Juazeiro - Reduces fever, kills bacteria, prevents cavities, suppresses coughs and assists in the healing of wounds.

Jerubeba - Reduces inflammation, reduces fever, supports heart & liver.

Kalanchoe - Relieves pain, reduces inflammation, kills bacteria, viruses, fungi; assists in the healing of wounds & relaxes muscles.

L-lysine - An essential amino acid that may be beneficial in the treatment of herpes & has shown promise in the treatment of cancer.

L-theanine - Amino acid found in Green Tea. Acts as a nerve relaxant and mood harmonizer.

Macela - Relieves pain, reduces inflammation, enhances immunity, kills viruses, and bacteria, fights free radicals, relaxes muscles, prevents tumors, supports the heart & protects liver.

Manaca - Relieves pain, reduces inflammation, reduces fever, prevents cellular mutations.

Matico - Antiseptic wound healer for cuts, scrapes, ulcers, boils and as a hemostat for internal bleeding.

Maqui - This small purple berry, grown only in southern Chile, is considered one of the strongest anti-oxidants and is prized for its longevity-enhancing and anti-aging properties. Helps to rejuvenate cells, promote healthier aging and even ward off disease. Also has excellent weight loss actions.

Methylsulfonylmethane (MSM)- Powerful anti-inflammatory, pain reliever, material & oxygen transporter.

Mulateiro - Used for fungal infections of the skin, anti-parasitical, to relieve Candida and yeast infections and as a skin aid for wrinkles, scars, freckles and age spots.

Mullaca - Relieves pain, reduces inflammation and muscle spasms, kills fungi, bacteria, cancer and leukemia cells, viruses and enhances immunity & reduces fever.

Mulungu - Reduces pain, decreases anxiety, calms nerves, kills bacteria & supports the liver.

Mutamba - Reduces inflammation, kills bacteria, fungi, viruses and cancer cells. It cleanses the blood, supports the heart and fights free radicals.



Oregano – Natural anti-biotic and anti-fungal. Highly anti-pathogenic.

Passion Flower - Relieves pain, reduces inflammation, reduces anxiety, calms nerves, kills germs, relieves depression, reduces muscle spasms & stops convulsions.

Pau D'Arco - Kills cancer cells, leukemia cells, viruses, bacteria and fungi; relieves pain, reduces inflammation, kills parasites, fights free radicals & reduces tumors.

Piri-Piri - Used to reduce stress, anxiety, nervousness and to calm/ease epilepsy and convulsions.

Samambaia - Protects brain cells, protects skin cells, reduces inflammation, relieves psoriasis, modulates immune function, fights free radicals & cleanses the blood.

Sangre de Grado - Kills cancer cells, prevents tumor growth, stops cellular mutations, heals wounds, inhibits bleeding, kills bacteria, fungi, viruses, reduces inflammation & relieves itching.

Siberian Golden Root - Increases cellular oxygen uptake and energy levels to promote faster healing.

Simarouba - Relieves pain, reduces fever, kills amoebas, bacteria, viruses, leukemia cells & reduces tumor growth.

Stevia - Naturally sweetens, kills bacteria, fungi, viruses, reduces inflammation & lowers blood sugar.

Suma - Relieves pain, reduces inflammation, inhibits cancer, kills leukemia cells, inhibits tumor growth, inhibits blood sickling & oxygenates cells.

Tamamuri - For arthritis, rheumatism and rheumatoid arthritis; for general pain & inflammation; for syphilis, yeast infections and skin fungi.

Tayuya - Relieves pain, reduces inflammation, fights free radicals, reduces stress, calms nerves & cleanses blood.

Ubos - anti-inflammatory for arthritis; muscle & joint injuries; analgesic for various types of internal & external pains and as an astringent and antiseptic wound healer for rashes, cuts, scrapes and other skin conditions.

Velvet Bean - Relieves pain, reduces inflammation, kills parasites, calms nerves, reduces fever, reduces spasms & is an L-Dopa alternative.



Vinpocetine -Reported to have enhanced cerebral blood-flowing and neuro-protective effects. Used in Eastern Europe for the treatment of cerebrovascular disorders and age-related memory impairment.

Traditional Chinese Healing Herbs

Internal Pain Relief Ingredients: **Qiang Huo** (Rhizoma et Radix Notopterygii), **Ge Gen** (Radix Puerariae Lobatae), **Fang Feng** (Radix Saposhnikoviae) and **Sheng Ma** (Rhizoma Cimicifugae) dispel wind & dampness to relieve pain. **Gui Zhi** (Ramulus Cinnamomi) and **Bai Shao** (Radix Paeoniae Alba) to reduce severe pain in the joints and extremities. **Huang Qin** (Radix Scutellariae), **Ku Shen** (Radix Sophorae Flavescentis), **Zhi Mu** (Rhizoma Anemarrhenae) and **Yin Chen** (Herba Artemisiae Scopariae) eliminate damp-heat from the body. **Ze Xie** (Rhizoma Alismatis) and **Zhu Ling** (Polyporus) resolve dampness and promote diuresis. **Bai Zhu** (Rhizoma Atractylodis Macrocephalae) and **Cang Zhu** (Rhizoma Atractylodis) strengthen the spleen and dry dampness. **Ren Shen** (Radix et Rhizoma Ginseng) and **Dang Gui** (Radix Angelicae Sinensis) tonify qi and blood to facilitate recovery. **Zhi Gan Cao** (Radix et Rhizoma Glycyrrhizae Praeparata cum Melle) harmonizes the herbs in this formula.

Goji Berry – may prevent the growth of cancer cells by boosting immune function, reduce blood glucose, lower cholesterol levels, protect vision and may help prevent heart disease. Goji berry extracts boost brain health and may protect against age related diseases such as Alzheimer’s. Goji can be an effective aid to weight loss.

Antivenin – **Bai Zhi** (Radix Angelicae Dahuricae) can be useful for snake & insect bites.

Aesthetic botanicals utilized for skin care & healing:

Amor Seco - Reduces inflammation, pain, muscle spasms, relaxes muscles & assists in wound healing.

Andiroba - Reduces pain, reduces inflammation, heals wounds, kills bacteria and parasites, soothes skin & prevents tumors.

Aloe Vera - Skin soothing, pain & irritation relieving.

Avenca - Kills viruses & bacteria, detoxifies, reduces blood pressure, supports the heart, cleanses blood, heals wounds, reduces cholesterol, protects the liver, neutralizes free radicals & lowers blood sugar.



Ayapana - Anti-tumor and aids in the healing of cuts, scrapes and wounds.

Bellaco-Caspi - Wound healer and anti-inflammatory and analgesic for arthritis, back pain and muscle injury.

Blue Yarrow - Anti-inflammatory, antirheumatic, antiseptic, anti-spasmodic, astringent, hemostatic and citrisant, a group of properties which implies that it can stop bleeding, speed new skin formation and reduce inflammation.

Catuaba - Calming of nerve pain, kills bacteria and viruses & reduces anxiety.

Copaiba - Used traditionally as an analgesic, anti-inflammatory, antiseptic, anti-microbial agent and for skin cancer, stomach ulcers and stomach cancer.

Embauba - Relieves pain, reduces inflammation, reduces spasms, kills bacteria and fungi, fights free radicals & strengthens the heart.

Erva tostau - Relieves pain, reduces inflammation, reduces spasms, kills parasites, stops convulsions, kills bacteria, amoebas, viruses & detoxifies the liver, kidneys & blood.

Fedegoso - Relieves pain, reduces inflammation, kills cancer cells, bacteria, fungi, parasites, viruses and cleanses blood and reduces fever.

Gervau - Relieves pain, reduces inflammation and aids in the healing of wounds.

Grape Seed Extract - Micro-circulation and nerve repair & healing. Brain function enhancement.

Guacatonga - Relieves pain, neutralizes venom, kills cancer cells, slows tumor growth, kills viruses and assists in the healing of wounds.

Huacapu - Has analgesic, anti-viral, anti-parasitical and antiseptic properties.

Iporuru - Relieves pain, reduces inflammation, kills fungi, viruses & prevents tumors.

Jatoba - Kills fungi, candida, molds and bacteria; neutralizes free radicals & reduces muscle spasms.

Jergon Sacha - Topical wound healer. Kills viruses, neutralizes venom, reduces inflammation. Used for snake & insect bites/stings.

Kalanchoe - Relieves pain, reduces inflammation, kills bacteria, viruses, fungi; assists in the healing of wounds & relaxes muscles.



Macela - Relieves pain, reduces inflammation, enhances immunity, kills viruses, and bacteria, fights free radicals, relaxes muscles, prevents tumors, supports the heart & protects liver.

Mulateiro – Used for fungal infections of the skin, anti-parasitical, to relieve Candida and yeast infections and as a skin aid for wrinkles, scars, freckles and age spots.

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Oregano – Natural anti-biotic, anti-microbial and anti-fungal. Highly anti-pathogenic.

Samambaia - Protects brain cells, protects skin cells, reduces inflammation, relieves psoriasis, modulates immune function, fights free radicals & cleanses the blood.

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Some HALO Systems Liquid-filled Vial Systems also contain various proprietary medicinal mushroom combinations that serve as the key to facilitating the body's immune and healing responses. These natural materials are sourced among the following ingredients:

Wild Harvested and Controlled Environment Medicinal Mushrooms

Agarikon (*Fomitopsis officinalis*) mycelium

Amadou (*Fomes fomentarius*) mycelium

Artist's Conk (*Ganoderma Applanatum*) mycelium

Birch Polypore (*Piptoporus betulinus*) mycelium

Chaga (*Inonotus obliquus*) mycelium

Cordyceps (*Cordyceps sinensis*) mycelium

Enokitake (*Flammulina velutipes*) mycelium

Lion's Mane (*Hericiium erinaceus*) mycelium

Maitake (*Grifola frondosa*) mycelium & fruitbodies

Mesima (*Phellinus linteus*) mycelium

Oregon Ganoderma (*Ganoderma oregonense*) mycelium

Reishi (*Ganoderma lucidum*) mycelium & fruitbodies

Shiitake (*Lentinula edodes*) mycelium

Split Gill Polypore (*Schizophyllum commune*) mycelium

Turkey Tails (*Trametes versicolor*) mycelium

Zhu Ling (*Polyporus umbellatus*) mycelium