



History
Science
Health

Wei
Laboratories

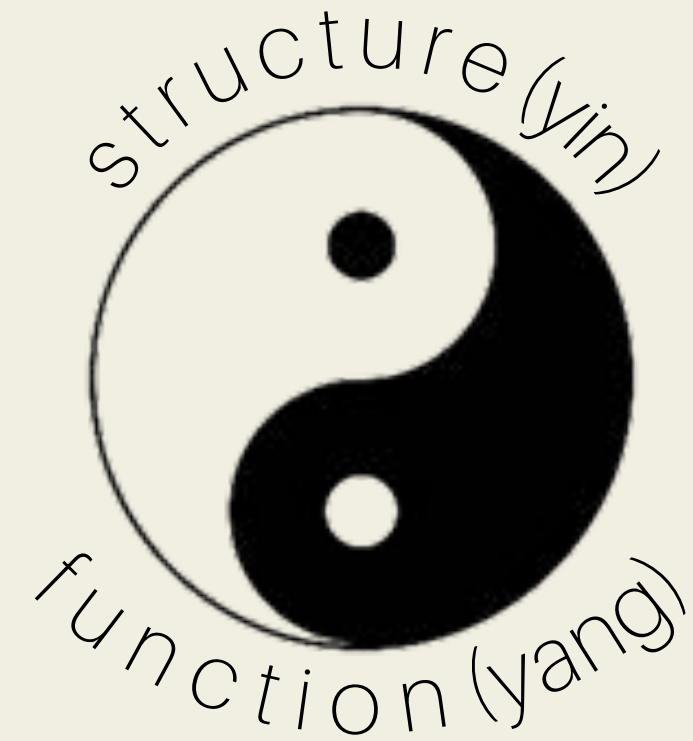


Stress, Anxiety, Depression, & PTSD

Featuring Hepavin, Brown, LC Balancer,
LifeGen, & Calm

TCM Philosophy of Wei Labs

Our approach is to support and nurture the body to maintain a healthy balance between Yin and Yang, and Qi and Blood.



In the treatment of disease, Wei Laboratories herbal formulas focus on restoring the balance of the body's structure and function (Yin and Yang/Qi and Blood). This allows the body to repair its damage, eradicate pathogens, and clear toxins.



"The law of yin and yang is the natural order of the universe, the foundation of all things, mother of all changes, the root of life and death."

- *Yellow Emperor's Classic of Medicine*

You may be wondering how Wei Laboratories protocol is different from Western Medicine? Let us explain!

TCM

We focus on:

- Identifying the root cause
- Focusing treatment on the root cause
- Repairing the structural damage
- Enhancing the body's ability to repair that damage
- Restoring healthy functionality
- Creating balance between structure and function

Western

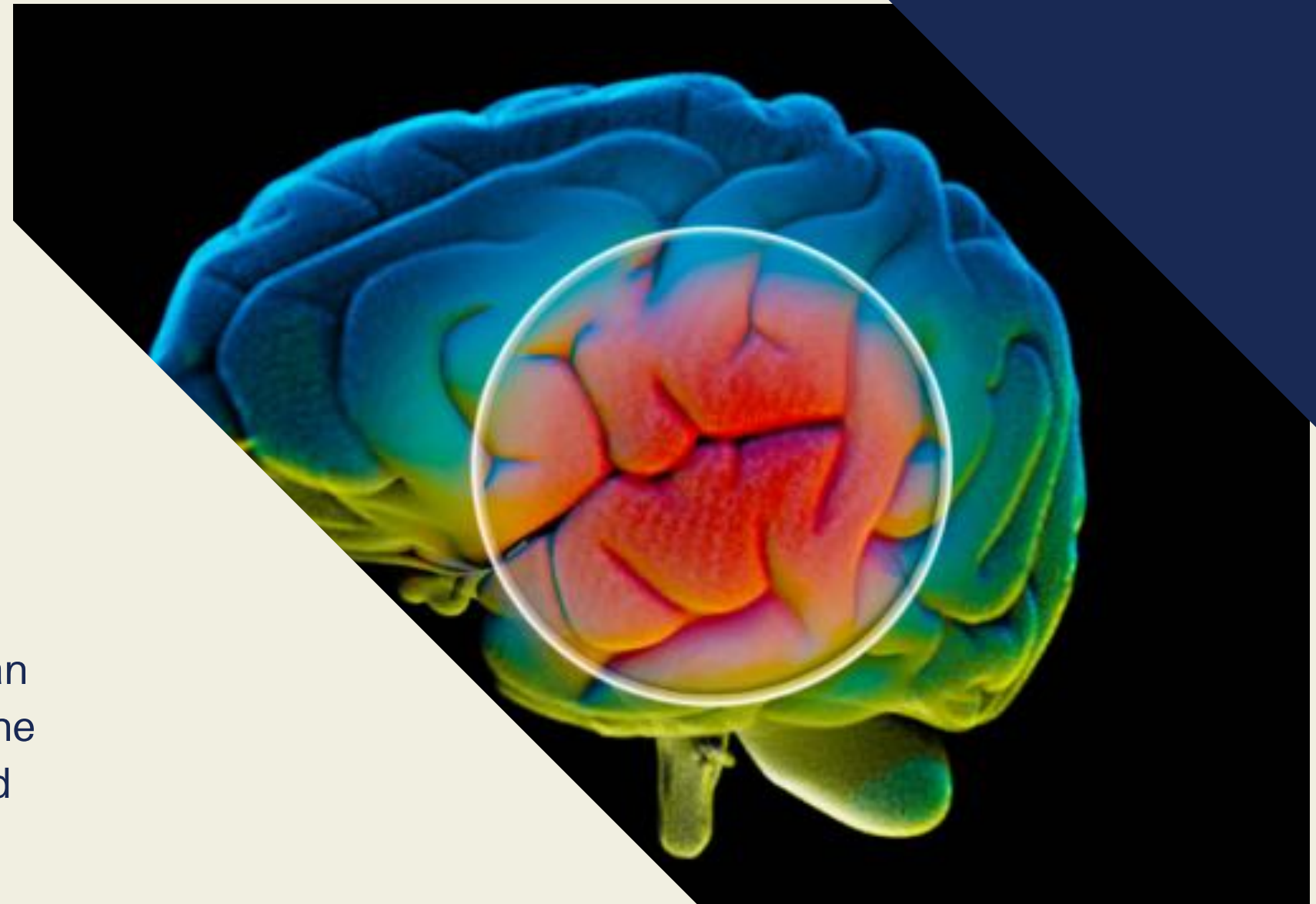
- Symptom-based approach
- Treatment is focused on addressing the patient's symptoms
- Relief of symptoms through prescription or over the counter medication that cause side effects
- Most often fail to address the condition



Stress, Anxiety, Depression, & PTSD Introduction

In TCM, emotions are viewed as an integrated aspect of organ function, and sometimes can be the root cause of disease. The flow of Qi or energy can be interrupted by anxiety, stress, and depression.

Anxiety, stress, and depression can occur separately or all together and can alternate between mild discomfort to almost uncontrollable panic with physical symptoms.



Here is how we are different when it comes to addressing stress, anxiety, & depression:

TCM

- Removes Liver Heat & Qunches Liver Yang Rising
 - Reduces inflammation
 - Reduces exaggerated response to stress hormones
- Nurture the limbic system
 - Enhances blood flow to parts of the brain responsible for emotion
- Nurture Liver and Kidney Yin
 - Combats symptoms of fatigue and lack of motivation
 - Decreases depression like behavior
 - Secretes mineral waste which interferes with brain neuron activity

Western

- Benzodiazepines (Anxiety)
 - Enhances the action of the neurotransmitter gamma-aminobutyric acid (GABA), which slows down the central nervous system
 - Cause drowsiness, irritability, dizziness, memory and attention problems, and physical dependence, cognitive impairments
- SSRIs (Depression)
 - Blocks the reabsorption (reuptake) of serotonin into neurons
 - Changes in the personality traits of neuroticism and extraversion
 - Sexual problems, headaches, nausea, etc.
 - Can cause withdrawal symptoms



Anxiety

- Anxiety disorders are the most common mental disorders in the United States
- In TCM, anxiety can be linked to Liver Heat and Liver yang Rising
- Liver's overproduction of chemokines in response to stress hormones causes brain overdrive and the area responsible for controlling fear becomes impacted
- Symptoms of anxiety include feeling nervous, having a sense of impending danger, increased heart rate, hyperventilation, feeling weak or tired, difficulty concentrating, trouble sleeping, and/or GI problems.

Physical Symptoms of Anxiety



Increased
heartrate



Hot flushes



Increased
perspiration



Needing to go
to the toilet

Chronic Stress

- A biological response to demanding situations and causes the body to release hormones, such as cortisol and adrenaline
- In TCM, chronic stress can cause a Brain Heat with increase free radicals caused by increased cortisol levels, glutamate excitotoxicity and sympathetic nerve hyperactivity. This is caused by Kidney Yin and Water deficiency with a low threshold of stress response. This can cause blockage of the energy flow that can then lead to depression
- Many factors can trigger a stress response but some patients suffer from **chronic stress** in which their body is nearly always in a state of heightened alertness
 - Puts pressure on the body for an extended time which can lead to many physical and psychological symptoms
 - In TCM, chronic stress can cause a blockage of the energy flow that can then lead to depression.
 - Can contribute to mental disorders as well as physical disorders such as heart disease, high blood pressure, depression, anxiety, diabetes, respiratory infections, and a weakened immune system



Wellness Recommendation

HEPAVIN, BROWN, LC BALANCER

Anxiety

Hepavin helps remove Liver Heat and quenches liver yang rising. When liver has Heat with inflammation, it can over responds to stress hormones such cortisol and adrenaline with an overproduction of chemokines by the liver Kupffer cells. Hepavin helps to reduce the liver's exaggerated response to stress hormones and reduce the production of inflammatory chemokines.

Brown helps improve overall liver health and repair liver damage.

LC Balancer helps enhance microcirculation which improves overall blood flow and nutrient absorption to help diminish symptoms of fatigue and tiredness.

Let's take a closer look at some highlighted herbal ingredients:



ANGELICA SINENSIS & PEONY ROOT

Angelica sinensis, Dong quai, Radix Paeoniae Rubra, Chì sháo

These herb in Hepavin have been shown to have anti-hepatotoxic, hepatoprotective, anti-inflammatory, immunomodulatory, and neuroprotective effects. They also relieve chronic restraint stress-induced alterations in cognitive associated behaviors by increasing synaptic plasticity (the junctions between neurons that allow them to communicate), upregulating hippocampal BDNF expression (stress decreases this factor) and restores memory functions (Ref 1,2,3)

KUDZUVINE ROOT

Pueraria thunbergiana, Gegen

This herb in Hepavin has been shown to lower the plasma levels of alanine aminotransferase (ALT) and aspartate aminotransferase (AST) as well as reduces hepatotoxicity. It also has many hepatoprotective elements such as lowering oxidative stress and liver inflammation. (Ref 4)

Wellness Recommendation

CALM, BROWN, LC BALANCER, XCEL

Stress

Calm helps clear the free radicals in the brain, reduce brain inflammation by removing Brain Heat and increase the stress response threshold by nurturing Kidney Yin and Water.

Calm also helps reduce the hyperactivity of the sympathetic nervous system and enhance parasympathetic nerve activities to calm the body down, so that we can relax, rest, renew and unwind at the end of day when we are in a stressful situation. This will prepare the body to better handle the stress with ease.

Brown, LC Balancer and Xcel help process and secrete brain toxins

Let's take a closer look at some highlighted herbal ingredients:



WOLFBERRY BARK, REHMANNIA ROOT, RED PEONY ROOT & ANGELICA ROOT

Cortex Lycii Di Gu Pi, Radix Rehmanniae, S hú dì huáng Radix Angelicae, Dāng guī, Radix Paeoninae, Bái sháo

These herbs have often been used to treat symptoms of stress-related neuropsychological disorders, anorexia, and headaches. They reduce neuroinflammation by inhibiting the expression of TLR4 (induces a proinflammatory response) as well as oxidative stress-related proteins.

They also reduce the expression of microglial and astrocytic markers and prevents the loss of neurons and regulates metabolism in the spinal cord. They also strengthening the immune system. (Ref 5)

Usage & Expectations

ANXIETY

- **HEPAVIN (2 CAPSULES 2-3 X DAY)**
BROWN (3 CAPSULES 3 X DAY)
LC BALANCER (1 CAPSULE 3 X DAY)

- Anxiety symptoms can become notably better within the first one to two weeks
- One to six weeks is recommended for sustained results
- For individuals with health anxiety, KS may also be recommended along with Hepavin, Brown, and LC Balancer (3-4 weeks)

Usage & Expectations

STRESS

- **CALM (3 CAPSULES 3 X DAY)**
BROWN (3 CAPSULES 3 X DAY)
LC BALANCER (1 CAPSULE 3 X DAY)
XCEL (2 CAPSULES 3 X DAY)

- - Stress symptoms can become notably better within the first one to two weeks
 - One to six weeks is recommended for sustained results

Depression

- The manifestation of a low mood that is much more severe and persists longer than situations that typically make a person feel sad or lonely
- Symptoms of depression include fatigue, feelings of guilt, worthlessness, hopelessness, irritability, loss of interest in things once pleasurable, persistent anxious feelings, and/or suicidal thoughts/attempts.
- In TCM, it can be described as Liver Qi Stagnation that causes reduced blood flow to the limbic system which stores memory and regulates emotional responses.



Persistent feelings of sadness



Loss of interests in activities



Trouble sleeping or oversleeping



Appetite or weight changes



Fatigue or decreased energy



Difficulty thinking clearly or quickly



Irritability, frustration, or pessimism



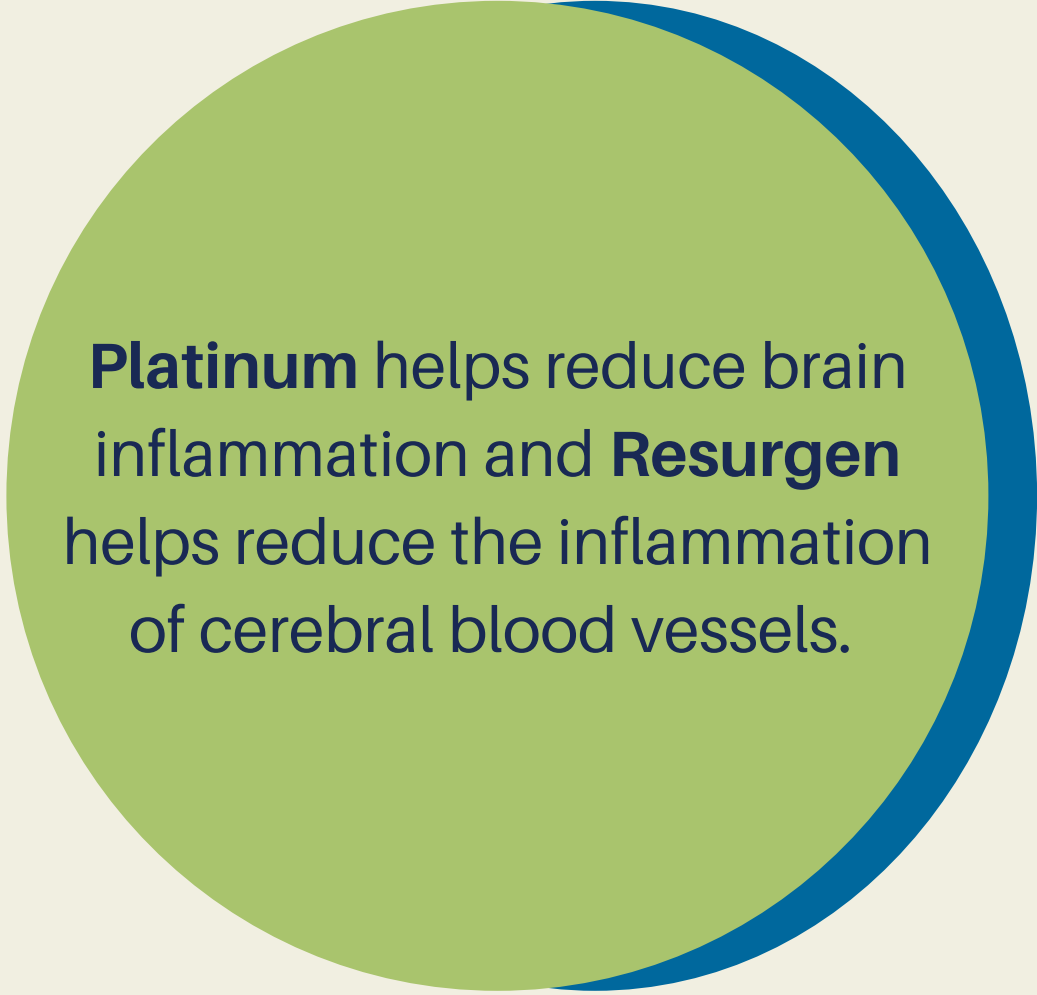
Physical aches and pains



Recurrent thoughts of death or suicide

Major Depression & Brain Inflammation

- Inflammation of the brain and vascular disease can cause narrowing of the brain vessels and reduce or block cerebral blood flow.
 - When blood flow to the brain is restricted, insufficient nutrient supply to the brain can cause deficiency to the neuron's synthesis of neurotransmitters including dopamine, serotonin, acetylcholine, etc. leading to the development of depression.
- Linked with the early onset of vascular disease
- Patients with such type of depression may not respond to any antidepressants due to the fact that the blood supply is restricted



Platinum helps reduce brain inflammation and **Resurgen** helps reduce the inflammation of cerebral blood vessels.

Wellness Recommendation

LIFEGEN, BROWN, LC BALANCER, XCEL

Depression

LifeGen helps smooth and strengthen liver Qi and resolve liver Qi stagnation often seen in depression. LifeGen helps improve blood flow to the limbic system and nurture the brain center which is responsible for motivation, emotions, learning, and memory.

Brown, LC Balancer, & Xcel increase the uptake of nutrients to improve symptoms such as fatigue and lack of motivation & improve the kidney's filtration function to secrete the mineral waste which may be interfering with brain neuron activity

Let's take a closer look at some highlighted herbal ingredients:



BUPLEURUM ROOT

Radix Bupleuri, Chai Hu

This herb utilized in LifeGen, has been shown to have antidepressant activities by inhibiting the reuptake of serotonin, norepinephrine, and dopamine (this makes them more available to improve transmission of messages between neurons) as well as having hepatoprotective effects (Ref 6)



GOJI BERRIES

Gou Qi Zi, Lycium barbarum

This herb in Brown has been shown to decrease depression-like behavior through stimulating dendritic patterns in the hippocampus, increasing levels of serotonin, and increasing energy metabolism (Ref 7)

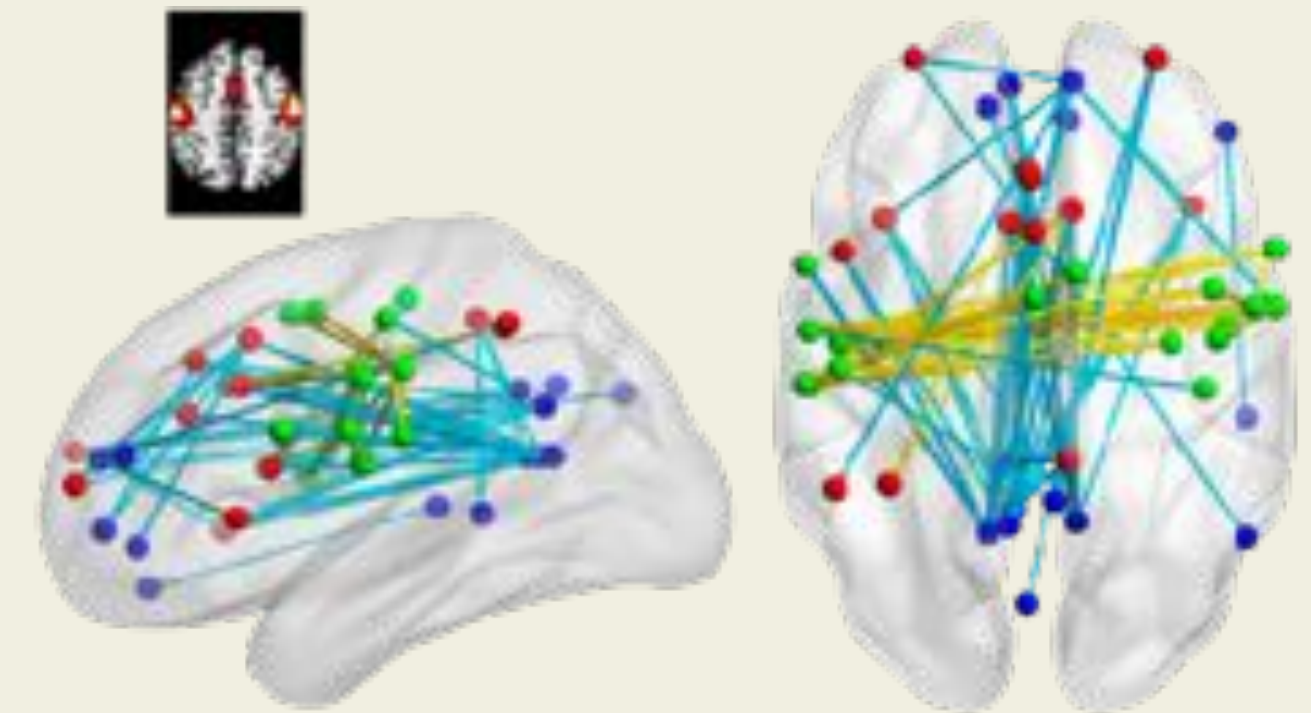
Usage & Expectations

DEPRESSION

- **LIFEGEN (1 CAPSULE 3 X DAY)**
BROWN (3 CAPSULES 3 X DAY)
LC BALANCER (1 CAPSULE 3 X DAY)
XCEL (2 CAPSULES 3 X DAY)
- - Patients can experience symptom improvements in one to two weeks with increased energy and motivation
 - One to three months is recommended for sustained results

Post Traumatic Stress Disorder (PTSD)

- PTSD is a mental disorder triggered by traumatic events
- Symptoms include recurrent, unwanted distressing memories of the traumatic event, reliving the traumatic event as if it were happening again (flashbacks), severe emotional distress, or physical reactions to something that reminds the patient of the event
- Research has shown that the Default Mode Network (DMN) is disrupted in PTSD patients
 - DMN is a network of brain regions with many centers that are connected
 - Disruption of the connectivity of this network by a traumatic experience causes an increase in the excitation of the activity centers and results in PTSD symptoms.
 - In TCM, the DMN is referred as “Shen” or “Hun” and the disruption of DMN due to trauma is referred as a “Shen” or “Hun” disturbance



Wellness Recommendation

SHENGEN, BROWN, LC BALANCER, XCEL PTSD

Shengen nurtures the blood and replenishes the “Shen”. Shengen helps improve the integrity of the Default Mode Network (DMN). Shengen helps restore normal DMN connectivity and alleviate the hyper-activation of affected brain regions.

Brown, LC balancer and Xcel will help support the liver and kidney to process and remove the brain toxins.



Let's take a closer look at some highlighted herbal ingredients:

WHITE PEONY ROOT

Radix Paeoniae Alba, Bai shao

This herb in Shengen has been shown to regulate the central monoaminergic neurotransmitter system in the hippocampal and cortical tissues. (Ref 8)



CHINESE DODDER SEED

Semen Cuscutae, Tu si zi

This herb in Shengen significantly decreases the production of nitric oxide in activated microglia. It also decreases the production of TNF- α , IL-1 β , and IL-6 by down-regulating their transcription levels therefore reducing levels of inflammation in the brain. (Ref 9)

Usage & Expectations

PTSD

- **SHENGEN (1 CAPSULE 3 X DAY)**
- **BROWN (3 CAPSULES 3 X DAY)**
- **LC BALANCER (1 CAPSULE 3 X DAY)**
- **XCEL (2 CAPSULES 3 X DAY)**

- Patients can experience symptom improvement in one week
- Four to six weeks is recommended for sustained results.

Protocol Summary

CONDITION	RECOMMENDATION
Anxiety	Hepavin, Brown, and LC Balancer
- <i>Health anxiety</i>	Add: KS
Stress	Calm, Brown, LC Balancer, and Xcel
- <i>Elevated cortisol</i>	Cortigen, Brown, LC Balancer, and Xcel
PTSD	Shengen, Brown, Lc Balancer, Xcel
Depression	LifeGen, Brown, LC Balancer, and Xcel
- <i>Brain inflammation</i>	Add: Resurgen, Platinum, Surgenin
- <i>Vascular disease</i>	Add: CV
- <i>GI Deficiency</i>	SJ, Spring Capsule, Formula B
- <i>Lifelong depression</i>	Add: Vitalife

B12 and other nutrient deficiencies can result in methylation dysfunction and cause insufficient production of monoamine neurotransmitters leading to the development of depression.

Hear From Our Patients

Successful Resolution of Panic Attacks and Anxiety

Paul Baker, DC, OH

A patient of Dr. Paul Baker struggled with anxiety and panic attacks off and on her whole life. She had just started to get it under control until she got sick and had to go to the hospital. There they prescribed her an antibiotic that she said she regrettably took for 4 days and had a HORRIBLE reaction to. She began having massive panic attacks, anxiety, dizziness, off-balance, etc. She cleaned up her diet and began to exercise with no improvement. She could not eat or sleep and she said it felt like her body was shutting down. Before she came to Dr. Baker, she began researching different supplements/herbs that would help her (not wanting to take medication to fix what medication did to her in the first place) and tried a few with no results.

Dr. Paul Baker had recommended trying Wei Laboratories protocol for anxiety. At first, she was hesitant to try another herb that might not work but she was desperate for help. So, a few days later she began the protocol of Hepavin and Brown Formula and almost instantly felt results. By day 2, she was sleeping better and was able to eat again, by day 7, she felt almost back to her normal self. After just 2 weeks of using it, she was anxiety and panic attack free. The patient says she is forever grateful she took Wei Laboratories herbal products and would recommend them to everyone! They are truly lifesavers.

Hear From Our Patients

Improved Mental Clarity and Relieved Stress

Mayda Carrillo, AP/RN, Clearwater, FL

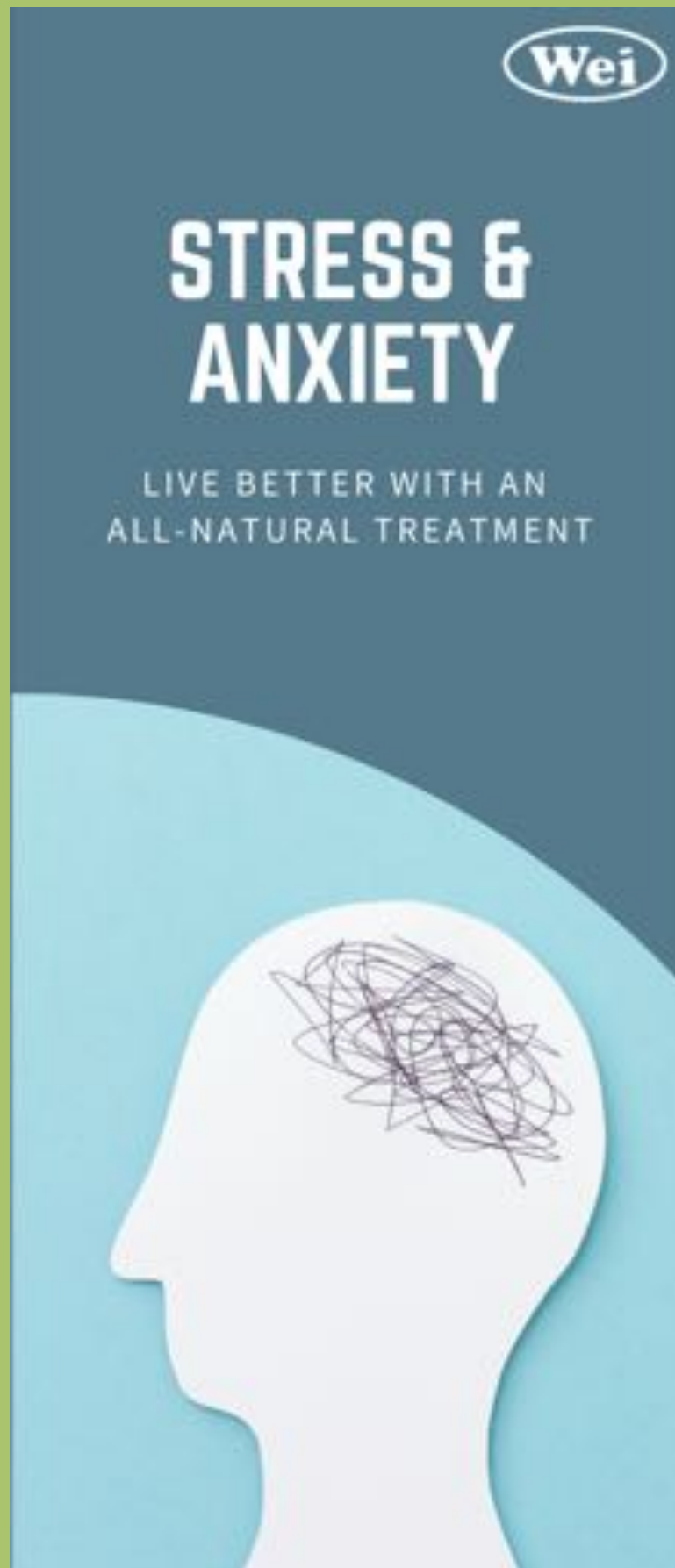
A female patient of Dr. Carrillo had been functioning under high stress for a period of time. She was in her 50s and ran her own office. Her position imposed on her many responsibilities, which required her to multitask all the time. She was constantly distracted due to having to multitask, and she was often easily agitated.

Dr. Carrillo recommended the Calm Formula from Wei Laboratories to her. After taking it, she noticed that she does not get as nervous under high stress situations compared to when she was not taking it. She is better able to multitask and is much more organized when she is taking the Calm Formula. Her mind is clearer and her emotions are more grounded, and her memory has improved. She is better able to deal with the stress she is facing, and her mood is improved. The patient is really appreciative that Dr. Carrillo brought Calm Formula to her, which she thinks can benefit many people!

For Your Office

**Free marketing material on
Stress & Anxiety**

**+ Many more brochures and
flyers on other conditions and
products!**



Ingredient List

BROWN

- Fructus Crataegi
- Fructus Lycii
- Rhizoma Alismatis
- Rhizoma Polygonati
- Semen Cassiae

HEPAVIN

- Baishao
- Banxia
- Chuanxiong
- Danggui
- Gegen
- Huangqin
- Sangbaipi

CALM

- Aloe, Cortex Lycii
- Cortex Mori
- Exocarpium Citri Grandis
- Fructus Lycii, Indigo Naturalis
- Pericarpium Citri Reticulatae
- Radix Angelicae Sinensis
- Radix Astragali
- Radix Bupleuri
- Radix Codonopsis
- Radix Glycyrrhizae
- Radix Ophiopogonis
- Radix Paeoninae Alba
- Radix Puerariae
- Radix Rehmanniae
- Radix Scrophulariae
- Radix Scutellariae
- Ramulus Uncariae Cum Uncis
- Rhizoma Atractylodis Macrocephalae
- Rhizoma Chuanxiong
- Rhizoma Pinelliae
- Rhizoma Zingiberis
- Green Tea
- Chia, Red Lentiles
- Red Quinoa

Ingredient List

LC BALANCER

- Ganoderma Lucidum
- American Ginseng
- Gynostemma

LIFEGEN

- Cortex Moutan
- Fructus Gardeniae
- Radix Bupleuri
- Radix Paeoniae
- Rhizoma Atractylodis Macrocephalae

SHENGGEN

- Fructus Lycii
- Radix Angelicae Sinensis
- Radix Paeoniae Alba
- Semen Cuscutae
- Semen Ziziphi Spinosae

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Research

Wei Laboratories offers a full-range of Chinese herbal supplements to address hundreds of health conditions.

The herbal formulas are determined through the following research process:

- The individual herbs being selected are based on their TCM descriptions and the pharmacological/clinical research publications.
- The use of certain herbal combinations for a specific condition is based on clinical research publications on the successful treatment of the condition utilizing those herbs, our accumulated knowledge, and the practitioner's previous feedback.

Clinical testing of the formula with practitioners undergoes the following process:

- The herbal formula will be tested with practitioners in their clinic for a specific condition which is defined by the TCM and Western diagnosis.
- After obtaining 6 consecutive positive patient outcomes, we will launch the formula for that specific condition.
- Practitioners may continue their clinical testing for other indications and give us their positive feedback. We will then make further testing on those indications with other practitioners until we have 6 consecutive positive patient outcomes before we include the new indication.

Wei Labs has had many practitioners who have participated in this process and have given us valuable feedback in the past twenty years. Some of these practitioners include:

- Dennis Sievers, DC, Kinesiologist, VA; Ronald Mullen, LAC, NC; Brian Hess, DC, VA; Marylin Coady, DC, Functional Medicine, NM; Kamau Kokayi, MD/LAC, NY; John Filippini, DC, Functional Medicine, CA; Charles Lewis, ND, AR; Ayla Wolf, DAOM, MN

Manufacturing Process

Here's why you can always be confident in Wei Laboratories products.



US BASED WHOLESALEERS

All of Wei Laboratories herbal ingredients are purchased through US based wholesalers who must meet the FDA guidelines to sell in the US.



CLEAN INGREDIENTS

Wei Laboratories manufacturing of the products not only meet the FDA requirement, it exceeds it. For example, Wei Labs incorporates a sterilization process which ensures longer shelf-life without the use of any preservatives.



CGMP FACILITY

Wei Laboratories formulas are packaged and produced in a cGMP facility and follows all industry guidelines required by the FDA to ensure our products are top of the line.

Partnership Benefits

Your Vision is Our Focus

Our primary focus is benefiting your practice in as many ways as possible. Let us learn about your practice and vision, then work closely with you to design a comprehensive plan to help you achieve your success.



Marketing Support

Patient Referrals

Addition to Your Staff

Troubleshooting

In Office Marketing Brochures / Flyers

Commission