



BEVARIN  
Wellness

# VARIN-RICH HEMP EXTRACT CLINICAL RESULTS

NIH-SUPPORTED

## STUDY

Methodology

### VARIN-RICH HEMP EXTRACT HUMAN CLINICAL STUDY

Study: National Institutes of Health (NIH) Supported  
Product Safety Study

Product: Varin-rich Hemp Extract

Duration: 90-days

Format: Randomized, double-blind, placebo-  
controlled human study

Subjects: 125 individuals

90-day, 125-person, randomized, double-blind, human clinical study supported by the NIH and conducted under the guidance of the Mayo Clinic AZ campus measuring: weight, BMI, girth, appetite, pain, mood, complete safety toxicity study with blood panels to test every organ, CRP, homocysteine, HbA1c, IL-1, IL-6, TNF, bilirubin, albumin, creatinine, HDL, LDL, TDL, ALT, AST, ALP, GRF, CBC, REM sleep, deep sleep, awake time, restless sleep, systolic, diastolic BP, SpO2 blood oxygen levels, caloric output, heart rate, and energy consumption.

#### Safety & Toxicity:

All safety and toxicity measurements remained within healthy, normal ranges. Bloodwork data confirms and supports the product, taken daily at 50mg and 100mg, is safe for all organs and systems of the human body.

*Note: Subjects made no changes to diet or exercise and believed they were enrolled in a general product safety study. They had no knowledge of being enrolled in a weight-loss study or that weight loss was a primary focus.*



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Wellness

# VARIN-RICH HEMP EXTRACT CLINICAL RESULTS

NIH-SUPPORTED PRODUCT SAFETY  
STUDY

## REDUCING INFLAMMATION: A ROOT CAUSE OF MANY HEALTH ISSUES

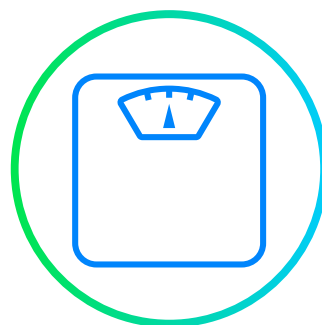
Virtually all chronic health issues can be traced back to inflammation and how our bodies react to it. A clinical study showed the Varin-rich hemp extract in our BEVARIN Complex™ to be 92% effective in reducing inflammation with no observed damage to the liver or kidneys.

## REDUCING WEIGHT, SLEEPLESSNESS, STRESS, AND PAIN

These chronic issues significantly reduce quality of life while also impacting lifespan. A clinical study showed the Varin-rich hemp extract in our BEVARIN Complex™ to be effective in significantly reducing pertinent markers associated with these issues.



**Inflammation**



**Weight**



**Sleeplessness**



**Stress**



**Pain**

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These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.



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# VARIN-RICH HEMP EXTRACT

ISSUES ADDRESSED AND MEASURED

## ISSUE 01

### Inflammation Concerns

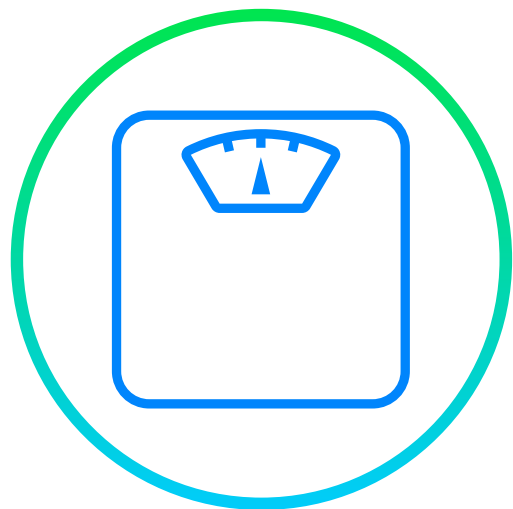
Cognitive Decline  
Joint Pain  
Skin Issues  
Depression



## ISSUE 02

### Weight Concerns

Excess Body Weight  
Excess Body Fat  
High Blood Sugar  
High Blood Pressure



## ISSUE 03

### Sleeplessness Concerns

Excess Body Weight  
High Blood Pressure  
Anxiety  
Depression



## ISSUE 04

### Stress Concerns

Anxiety  
Anger  
Headache  
Fatigue



## ISSUE 05

### Pain Concerns

Anxiety  
Depression  
Migraines  
Fibromyalgia



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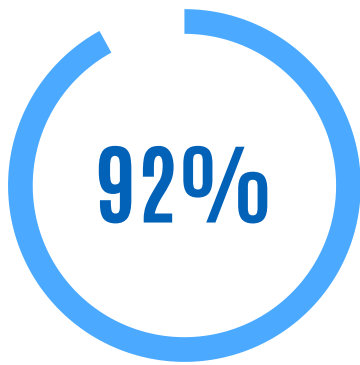
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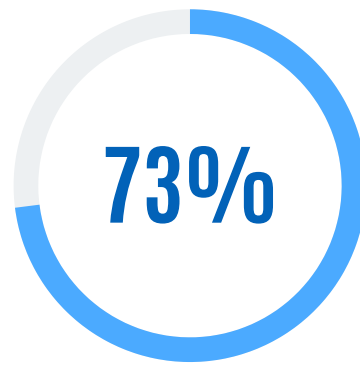
Reducing

# INFLAMMATION

Clinical Results



Study subjects reported 92% efficacy in reducing inflammation



Study subjects reduced inflammation by up to 73%

**Reduce Inflammation Naturally**

125 out of 125 study subjects reported no adverse effects.

**Safely Reduce Inflammation**

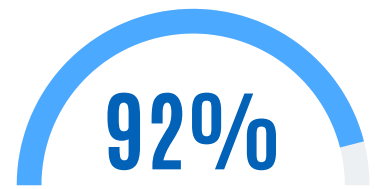
Varin-rich hemp extract was well tolerated with no adverse effects to blood, organ function, or vital signs.

**0 damage**

No observed damage to the kidneys or liver

**5 markers**

Significant reduction in five major markers of inflammation



92% efficacy in reducing inflammation

Inflammation is a natural process whereby the body fights irritants and offending agents and is an essential part of wound healing. It occurs at the very basic structural level of the human body which is the individual cell.

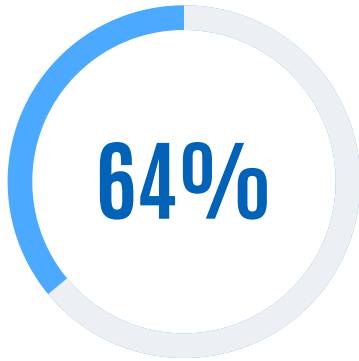
Symptoms of inflammation may include tiredness, headaches, stiffness, abdominal pain, chest pain, joint pain, mouth sores, skin issues, weight gain or inability to lose weight, fever, rashes and even depression.



## Reducing **WEIGHT** Clinical Results



100 out of 100 test subjects given the Varin-rich hemp extract in BEVARIN Complex™ reduced weight without changes to diet or exercise



64% of the placebo group either gained weight or stayed the same

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### Lose Weight Without Dieting or Exercising

37 out of 37 prediabetic study subjects restored their HbA1c blood levels to normal levels after 90 days.

### Safely reduce A1c Blood Sugar Levels

Safely reduce A1c Blood Sugars by up to 7.5%.

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**7  
inches**

Up to 7 inches off the waist without diet or exercise

**18  
pounds**

Up to 18 pounds lost by those taking 50mg/day without diet or exercise

**22  
pounds**

Up to 22 pounds lost by those taking 100mg/day without diet or exercise

Throughout the course of the study, 100 out of 100 study subjects lost weight with a minimum weight loss of five (5) pounds.

Study subjects lost an average of 2.4 Inches of girth off their waist, while the placebo group increased abdominal girth on average.



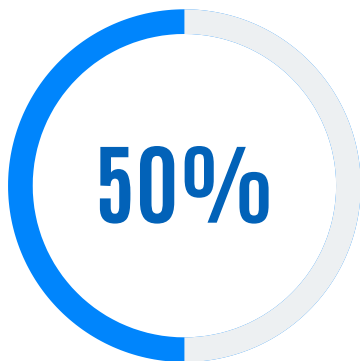
Reducing

# SLEEPLESSNESS

Clinical Results



Study subjects reported a 100% reduction in trouble falling asleep



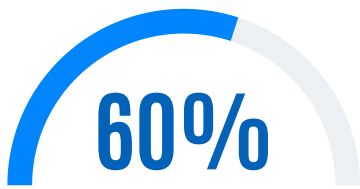
Study subjects experienced a 50% increase in REM sleep after just two weeks

**307% Increase in Deep Sleep**

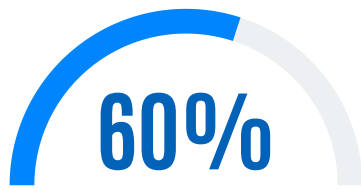
Over the course of the study subjects showed an overall increase in total time spent in deep sleep.

**107% Increase in Feeling Refreshed Upon Waking**

As early as three weeks into the study, subjects showed an immediate increase in duration of deep sleep, a 113% improvement over week one.



60% reduction in restless sleep



60% reduction in nighttime wakefulness after 30 days



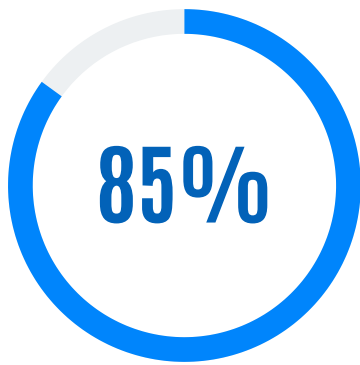
100% reduction in restlessness

Through five weeks, study subjects continued to show improvements in duration of deep sleep with duration of depth plateauing at around 350 minutes.

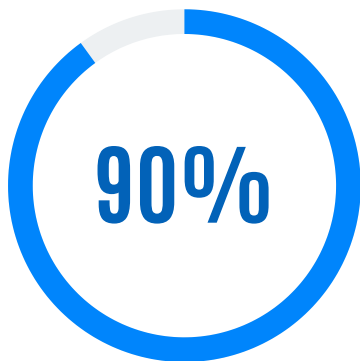
From week one to week 13 of the study, subjects saw a dramatic increase in deep sleep duration from approximately 1.5 hours to 6 hours at the conclusion of the study.



## Reducing **STRESS** Clinical Results



Study subjects reported an 85% reduction in anxiety



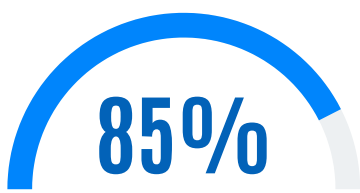
Study subjects reported trouble relaxing reduced by 90%

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**85% Reduction of Anxiety**

**100% Reduction of Restlessness**

No adverse effects were reported by any of the study subjects, and all vital signs, blood, and organ safety parameters remained within normal limits.



85% reduction in anxiety



90% reduction in trouble relaxing



100% reduction of restlessness

The body's stress response system is usually self-regulating. Once a perceived threat has passed, hormone levels return to normal. As adrenaline and cortisol levels drop, heart rate and blood pressure return to baseline levels, and other systems resume their regular activities.

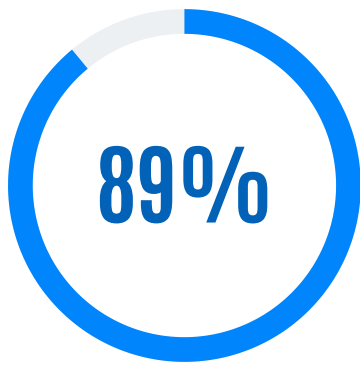
But when stressors are always present and one constantly feels under attack, the fight-or-flight reaction stays turned on.

The long-term activation of the stress response system and the overexposure to cortisol and other stress hormones that follows can disrupt almost all body processes.

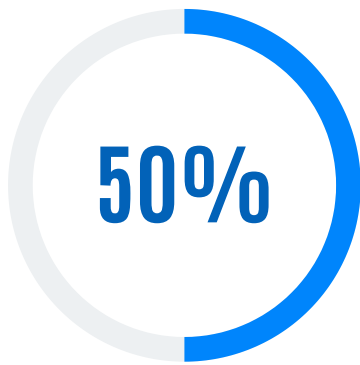




## Reducing **PAIN** Clinical Results



Study subjects reported an 89% reduction in pain



50% reduction in study subjects' frequency of desire for OTC pain relievers such as Tylenol, Advil, or ibuprofen

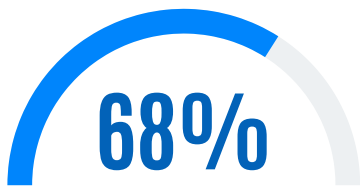
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### 89% Reduction in Pain

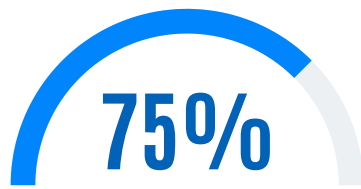
### 88% Reduction in Worrying

Study subjects saw improvement in mood:

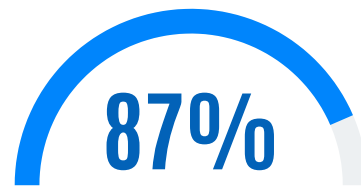
- related to pain
- related to workplace function
- during the "enjoyment of life"



68% increase in reported pain relief



75% reduction in reported pain at work



87% reduction in feeling nervous or anxious

Initially, study subjects reported average pain between 0-4 in various categories, with pain during sleep having the highest initial average value. This indicates that patients suffered from low- to mid-level pain during sleep.

By the end of the 90-day study, a significant reduction in average pain metrics was shown across all categories. Pain during sleep showed the greatest reduction with subjects reporting a 96.81% reduction in pain during sleep, as well as an 88.89% reduction in current pain levels.