

## **LIFEWAVE STUDIES IN PROGRESS**

*As of November 17, 2009*

### **SP6 COMPLETE SYSTEM**

There are four groups throughout the US and in Israel testing our newest weight-loss system; SP6 Complete. Ninety participants are currently enrolled, with more sites to begin enrolling in the near future. The US groups have already begun and the Israel group will begin by the end of 2009. The participants are broken up into the following four treatment groups: Advanced and Basic, both with and without the Juice Fast. The goal of the study is to test the effects of the system on a diverse group of subjects, using varied approaches to the protocols. Subjects will track their waist and weight measurements weekly over a 30-day period and have been given the option of tracking their eating habits in a Food Diary as well.

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### **SP6 COMPLETE PATCH**

**The efficacy of the LifeWave SP6 Patch for improving organ function in overweight subjects.** Ten overweight subjects participated in this study to determine the effectiveness of the LifeWave SP6 patch for improving the physiologic functional status in the organs as confirmed by two different bioelectrical devices, the Electro Interstitial Scan and Introspect. Organs being tested include: kidneys, intestine, liver, pancreas, adrenals, thyroid, hypothalamus, and pituitary. The Introspect equipment is based on the spectral analysis of vortex magnetic fields of biological organisms. Numerous experiments confirm a close relationship between vortex magnetic fields and biological systems.

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### **ENERGY ENHANCER**

**Effects of Lifewave Patches on Acupuncture Meridians & Biophoton Emission in Human Subjects** Ten healthy male subjects are participating in this pilot study which proposes to determine if there is any detectable change in the conditions of the human acupuncture meridian system and bio-photon emission patterns that can be attributed to the Energy

Enhancer Patch. Females were excluded in this initial study in order to remove the influence of the menstrual cycle in detection of subtle changes. Diagnostic devices will be used prior to the patch application and after to determine if electrophysiological and biophoton activity changes occur as a result of the Energy patches and reflecting detectable changes in the meridian activity.

### **LifeWave Study of Meridian Acupuncture Points using the Energy Enhancer Patches**

Sixty subjects are participating in this study which aims to examine the effect of the Energy Enhancer patches on meridian conductance when measured by a biofeedback instrument. This study is based on the premise that energy flow throughout the body is transmitted through the meridian pathways and aims to show that skin conductance increases with the application of the Energy patch. A sub-group of thirty subjects will be measured using two different biofeedback instruments to further validate the findings of the first instrument.

**Pilot Study Testing the effect of LifeWave Patches gently stimulating cortical acupuncture points. Demonstrating safety and investigating improved brain electrical activity through qEEG analysis** The purpose of this study is to demonstrate the safety and beneficial effects on brain electrical activity from placing LifeWave Energy Enhancer and LifeWave Glutathione Patches on “cortical region acupuncture points.” Anecdotal reports of improved focus, heightened mental clarity, and increased positive affect suggest that electrical activity in the brain is improved. This study is an open-label study where twenty subjects will be tested before placement of the LifeWave patches and after to demonstrate the changes through a qEEG reading.

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## **ICEWAVE**

**INFRARED THERMAL IMAGING IN DETERMINING EFFECTIVENESS OF LIFEWAVE ICEWAVE PATCHES** This open-label, 100-person placebo-controlled clinical study of the IceWave pain patches has two main goals: To determine the effectiveness of pain control of the IceWave patches compared to placebo after 48 hours and to evaluate the clinical effect of the patches on mental acuity, bowel function and daily activities, as reported on a 10-point Likert scale. Infrared images will be taken prior to patch placement as a secondary method for validating the Likert Scale assessment.

**A DOUBLE-BLIND, PLACEBO CONTROLLED CLINICAL EFFICACY EVALUATION OF A PATCH TO SOOTHE KNEE PAIN** Sixty subjects are being recruited for a placebo-controlled study on subjects experiencing moderate knee pain. The focus of the study is to determine the effects of the

IceWave patch on localized pain when compared to a placebo. All subjects will evaluate their level of pain in a diary several times over the course of an average day. They will be randomized into two treatment groups consisting of a placebo patch or active IceWave patch. Neither the subjects nor the Investigator will be aware of what treatment is being received. For the following two days, subjects will continue to evaluate their pain levels while wearing a patch.

**Prospective, Randomized, Double-Blind Study Comparing IceWave® Patches vs. Placebo Patches as an Analgesic in Subjects with Active Osteoarthritis of the Major Joints**

Sixty subjects with diagnosed osteoarthritic pain of the major joints are being recruited for participation in this study to be conducted in a Philippine hospital. Subjects will be randomized into one of two treatment groups, including the IceWave pain patch or a placebo patch. Subjects, as well as study doctors, will be blinded as to which treatment group they are assigned to. The IceWave patches will be tested for their efficacy in decreasing pain as well as their effect based on several other factors, such as joint stiffness and function and as well as any negative side-effects over a two-day period.

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## **GLUTATHIONE**

**To study the efficacy of Ice Wave and Glutathione patches used as a pain reliever and as an antioxidant, respectively.** An Asian research center is currently conducting a study on 120 subjects using four different devices that scan the body to detect imbalances in the energy field rather than disease in the physical body. Subjects will be randomly assigned into one of three treatment groups: Glutathione, IceWave or control (no treatment). A previous pilot study using electromyography measured electrical changes in the biofield after applying the LifeWave patches. This larger study aims to validate those changes using three different biofield assessing instruments before and after the application of the patch.

**An Open Label, Two Center Study to Investigate the Outcome of Treatment on Mild to Moderate Acne Using The LifeWave Glutathione Y-Age Patch** Forty subjects with mild to moderate acne are being evaluated in this study which aims to determine the effectiveness of the LifeWave Glutathione patch on acne. A board certified dermatologist monitored the subjects over a four week period and noted the effects of the patch on the reduction in the size, severity, and number of active acne lesions and documented the results using an imaging system. The secondary goal was to ascertain if the observed immediate reduction is able to be maintained for a period of one month. Initial feedback pending study report from investigators is that none of the subjects experienced any adverse effects and the majority did experience a decrease in the amount and severity of acne lesions.

**Open-Label, Human Clinical Pilot Study Using the Lifewave Glutathione Patch** Nine healthy subjects are participating in this pilot study which will examine the efficacy of the LifeWave Glutathione Patch on facilitating the release of mercury from the body through the kidneys. The accumulation of heavy metals in the human body poses significant health risks and the Glutathione patch is being investigated for its ability to aid in the detoxification process, as confirmed by levels of mercury excretion found after the patch has been worn regularly over a two-week period.

**CLINICAL EVALUATION OF AN ANTI-ACNE STUDY OF GLUTATHIONE PATCHES AND LIFE WAVE HOMEOPATHIC SPRAY** Forty subjects with mild to moderate acne are participating in a study which combines the use of the Glutathione patch with the Y-Age Plus spray. A Board-Certified Dermatologist will evaluate subjects throughout the six week-long study using a scale which accounts for several factors relating to the acne and documented with digital images. The objective of this study is to determine if the use of both products reduces the appearance of acne after or during 6 weeks of use in a group including an age range of 13 to 35.

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## **CARNOSINE**

**The efficacy of the LifeWave Carnosine patch for improving the physiologic functional of major organs.** Twenty healthy subjects in this pilot study were tested to determine the effectiveness of the LifeWave Carnosine patch for improving the physiologic functional status in the organs. Subjects will be tested using two different bioelectrical devices, the Electro Interstitial Scan and Introspect. Organs to be tested include: kidneys, intestine, liver, pancreas, adrenals, thyroid, hypothalamus, and pituitary. Initial feedback is that most subjects showed significant improvement in organ function.