

# Y-AGE® SYSTEM

**Study Report #1:** *Agarkhedkar, S. Randomly Assigned, Placebo-Controlled Study of LifeWave Y-Age System (Glutathione, X-15 (Aeon), \* Carnosine) on Human Biofield and Interstitial Fluid Ion Concentration.* The Centre for Biofield Sciences, World Peace Centre, Maharashtra Institute of Technology, Pune, India. May 2009.

## **Safety Issues:**

- No adverse events were reported.

## **Patch instructions and study procedures:**

- Three different methods of evaluating the accelerated effects of the patches on 15 healthy individuals using thermal imaging, Electro interstitial scanning and Gas Discharge Visualization (GDV) after wearing the patches for a few hours. Subjects were evaluated further using the MYMOP-2 questionnaire to capture physical and mental symptoms subjects experienced during the study.
- Subjects were tested with the 3 devices without the patches and then randomly assigned to control, Y-age or placebo treatment groups.
- Subjects wore the patches for 9 hours before being retested.
- Acupoints used:
  - Glutathione: Stomach 36 (right)
  - Carnosine: Governing Vessel 14
  - Aeon: Liver 13

## **Efficacy of the patches in this study:**

- Significant p-values were seen in medical thermal imaging scans with respect to the thymus, heart, and back; hence it can be concluded that the LifeWave Y-age system Glutathione, X-15 (Aeon patch), Carnosine has an anti inflammatory effect.
- Positive responses were expressed by every participant using Y-age system Glutathione, X-15(Aeon patch), Carnosine patch in the MYMOP-2 questionnaire. After using the LifeWave Y-age system Glutathione, X-15 (Aeon patch), Carnosine patch, research participants reported positive responses in backache complaints (particularly lower back), muscle spasms, chronic fatigue syndrome and insomnia. In GDV minimal positive changes are seen in emotional plane, based on the results measured with filter as compared with those without filter. The emotional impact of the patches was described by subjects in the MYMOP-2 questionnaire as a reduction in the symptoms of depression, and the resulting insomnia thereby inducing emotional stability and a sense of calmness. The participants in the control group, however, did not report such changes on the physical or emotional level in comparison to the experimental group on the MYMOP-2 questionnaire.
- In participants using the LifeWave Y-Age System, significant changes were measured using thermal imaging and GDV as well as significant positive responses reported by the participants in the MYMOP-2 questionnaire.

**Assessment:** *From the Internal Report Study conducted at the Centre for Biofield Sciences in Pune, India, it can be concluded that the LifeWave Y-age system Glutathione, X-15, Carnosine patch had a positive effect on the biofield, as well as, physical and mental health of the participants who suffered from a*

*range of conditions as compared to control group. Significant positive energetic changes were observed in participants in the experimental group as measured by medical thermal imaging. The results from MTI indicate that the patches exert anti-inflammatory effects as proposed at the initiation of the study.*

**Study Report #2:** Zaicev B. *Effects of Anti-Aging patches on varied skin types.* Balance Therapy Clinic. Bondi, Australia. March 26, 2011.

**Safety issues:**

- Ten (10) subjects reported adverse events:
  - A. Four (4) subjects experienced headaches.
  - B. One (1) subject had an episode of heavy herpes in the nose and lip area.
  - C. Five (5) subjects experienced low energy and weakness in the first 2 weeks of the study, which then resolved.
- Six (6) subjects reported high level of energy.

**Patch instructions and study procedures:**

- The aim of this double-blind placebo controlled study was to analyze the effect of the use of the Y-age patches on various skin conditions over a 12 week period.
- 29 female subjects between the ages of 45 to 65 took part in this study participated in the study.
- 24 subjects were randomized to receive the Y-age patches and 5 received placebo patches
- Smokers were excluded from participating.
- Skin conditions included dry, oily, sensitive, mature and combination skin types.
- Skinsys Software which diagnoses skin type and skin conditions providing images of the skin before, during and after the study. This software allowed objective measurements for skin comparison and gave skin analysis by full report and graph.

The analysis included:

- Moisture level u- zone and t-zone
- Oil measurement u-zone and t-zone
- Curvature Analysis by using Open GL 3D Type
- Pore size measurement
- Keratin Analysis-Scientific analysis of keratin layer of skin by precise edge-detection algorithm.
- Pigmentation Analysis

Acupoints used, Glutathione and Aeon were rotated among the following points daily:

- Conception Vessel 6
- Conception Vessel 22
- Liver 3
- Lung 9
- Spleen 6

Carnosine were worn nightly and rotated among:

- Conception Vessel 17
- Governing Vessel 14
- Large Intestine 4
- Governing Vessel 2
- Heart 7

### **Efficacy of the patches:**

- This study showed that the use of LifeWave patches has positive effect on skin condition, which depends from internal and external factors. In the study we have identified three parameters, which define skin conditions:
  1. Skin Secretion
  2. Skin Color
  3. Skin Texture

#### **Skin Secretion:**

- All subjects had total rebalancing in sebaceous secretions, viscosity and flow rates and achieved ideal or close to ideal skin condition. This result was gradual. (The more they used the product the better oil flow they've got).
- During the 12 weeks of the study we did not record any difference in oil measurement in this area (See table #6, chart 12, 13). Control Group had no result.

#### **Skin Color:**

- Study of pigmentation level by Skin Camera shown that the use of Lifewave patches during the 12 weeks had positive influents on pigmentation level reduction.
- Average pigmentation level has improved (reduce) by 32.8% in Study Group but had slight increase by 8.3% in Control Group during the same period of time. Taking into consideration that the study has been conducted during summer time and the subjects were exposing to the sun the outcome is significant.
- We can see that control group had an opposite result, which shown some increase in pigmentation level and color intensities.

#### **Skin Texture:**

- The study demonstrated direct connection with use of Lifewave anti-ageing protocol to reconstruction of elastine, collagen layers of the skin.
- In the study group 100% of subjects had show gradual reduction in time of the "pinching test".
- Average time reduced from 10.5 sec, to 2.9 sec, which is more than 3 times.
- 5 Subjects or 21% of the study group achieved instant "bounds back" result.
- No positive result has been recorded in the control group.

***Assessment:*** *Y-age® patches showed a clear reduction in skin pigmentation associated with sunlight exposure and ability to improve the structural integrity of the skin over the 12 week period and when compared to placebo. Improving the health of the skin is considered to be an anti-aging effect.*

\*\*Prior to commercial release, the Y-age Aeon® patch was referred to as X-15 in pre-marketing clinical studies.