

## Y-AGE CARNOSINE®

**Blake-Greenberg S, Nazeran H. "Nanoscale Carnosine Patches Improve Organ Function." Published in *International Federation for Medical & Biological Engineering Proceedings Series (2010)*.**

### **Safety:**

- 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 in a two-week period.
- The LifeWave Carnosine patch was worn 12 hours daily on alternate days (3 days a week: Tuesdays, Thursdays, and Saturdays) over a period of 2 weeks.
- **There were no negative reports or adverse reactions reported in the group.**

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

- Acupoints tested:
  - A. Acupoint CV6.
- Bioelectrical impedance data indicative of cellular physiologic organ function (status), using an Electro Interstitial Scanning (EIS) system, were acquired from twenty volunteers (7 males and 13 females), 19-83 years of age. All subjects served as their own control.
- Cellular physiologic function in these subjects were evaluated in 10 organs (pancreas, liver, left and right kidneys, intestines, left and right adrenal glands, hypothalamus, pituitary and thyroid glands) while wearing the Carnosine patch for a period of 2 weeks. Physiologic function (EIS) testing was repeated each week. Cellular physiologic function baseline data were acquired from all subjects at the beginning of the study period before application of the Carnosine patch.

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

- In summary, the overall data in this study demonstrated that the Carnosine patch worn 12 hours daily on alternate days (3 days a week: Tuesdays, Thursdays, and Saturdays) over a period of 2 weeks produced a very significant ( $p < 0.01$ ) improvement in the physiologic functional status of the pancreas, liver, right kidney, left and right adrenals, hypothalamus, pituitary and thyroid glands with an average statistical power of at least 95%. Therefore, the hypothesis was accepted as true.