

## ABSTRACT

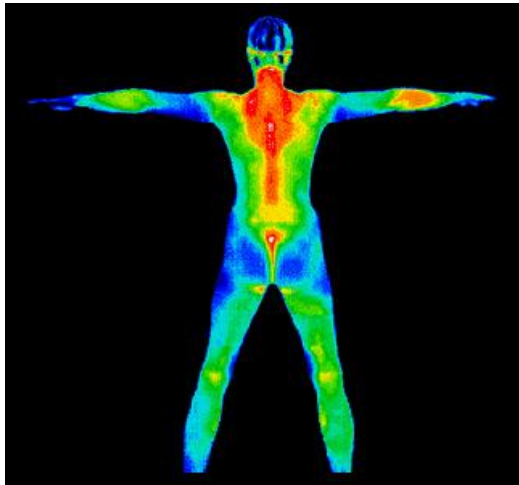
### Testing the effects of the Miracle Balance Relief Holographic Disc on pain areas using Thermal Imaging

**Investigators:** HealthWalk thermal imaging specialist trained by Duke University

**Test Subjects:** Ongoing testing starting in 2007 involving dozens of test.

**Test Location:** Carlsbad, California – analysis interpreted by Duke University doctors

**Date:** August 26<sup>th</sup> 2010



#### Equipment Used for Testing

##### **WELLSTAR INTERNATIONAL, INC, THERMAL IMAGING**

Digital infrared thermal imaging (DITI) is a safe and accurate procedure for measuring and recording surface body temperatures. DITI detects the heat or infrared radiation that is spontaneously emitted from the microcirculation of the skin. These measurements are converted into live images, which, in essence, are a reflection of the autonomic nervous system. Alterations of the neurological and musculoskeletal systems, caused by dysfunction or trauma, can be monitored easily.

The infrared imaging camera assists in performing several professional responsibilities:

1. arriving at an accurate diagnosis;
2. determining the best type of treatment to administer;
3. monitoring the effects and progress of that treatment;
4. detects heat patterns or temperature and
5. evaluating when to terminate treatment.

In the diagnosis of pain syndromes, infrared heat display has the unique ability to image physiology. The FDA approved the technology in 1982, and it has been recognized as a viable diagnostic tool since 1987 by the AMA council on Scientific Affairs, the ACA Council on Diagnostic Imaging and the Congress of Neuro-Surgeons since 1988, and the American Academy of Physical Medicine and Rehabilitation since 1990. Research indicates that it is extremely effective in diagnosing most types of back, neck, and limb pain, especially latent or intractable types of pain syndromes.

**Background:** Pain occurs when the sensitive nerve endings in the body become irritated. This commonly happens when tissue swells, from a bruise, tensing of muscles or an overabundance of agents produced by the body in response to allergies, stress or a hormonal imbalance and presses on the surrounding nerves. It also happens when the nerves are damaged from injury or strained from overuse. Low grade inflammation can lead to cumulative damage and disease later on. Cool temperatures are considered an excellent anti-inflammatory

**Claims:** Miracle Balance claims their holographic data disc use a thermoelectric effect in energizing acupuncture points on the body. This effect is claimed to be further enhanced by programming of longitudinal scalar waves, color, geometry and numbers in the Miracle Balance holograms. The changing program in the scalar imprinting is claimed to create different effects on the body. In the case of the Miracle Balance Relief disc the claim is that the energizing effect of the hologram increases circulation and provides a cooling effect on heated and inflamed areas which results in a decrease in pain.

**Purpose:** The purpose of the study was to examine the effectiveness of the Miracle Balance Relief Holographic Discs in regard to decreasing inflammation and body heat on areas of the body with pain issues.

**Test Type:**

Machine testing evaluation: Relief holographic signals imprinted into the holographic discs applied to subjects was unknown to the investigator. Test was conducted for evaluation purposes.

**Testing Protocol**

- A. First control was to have subject who claimed to have muscle soreness or pain in a specific area of the body stand in front of the Digital Infrared Camera. Observations and recording of observations were made on a computer file.
- B. Next a Relief hologram from Miracle Balance was placed on the subject's pain area based on the reading from the Digital Infrared Camera.
- C. Follow-up within 5 minutes – subject would stand before Digital Infrared Camera. Observation and record observations were made on a computer file for transmission and interpreting results.

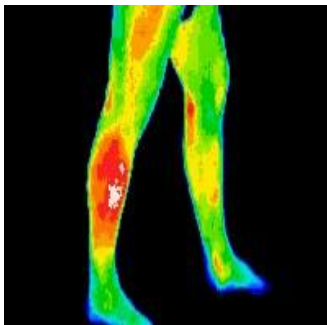
**Summary**

Comparison of before and after tests of the Relief Disc from Miracle Balance exhibited a cooling effect on the pain area and the cooling effect appeared to transmit to other areas of the body. This cooling effect of inflammation from athletic exercise could lead to increased muscle endurance from the reduction in inflammation and pain.

**Conclusion**

The Miracle Balance Relief Holographic Discs reduced body heat and inflammation on pain areas of the body. Subjects reported a reduction in pain.

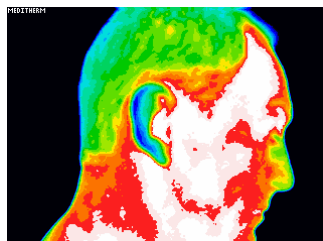
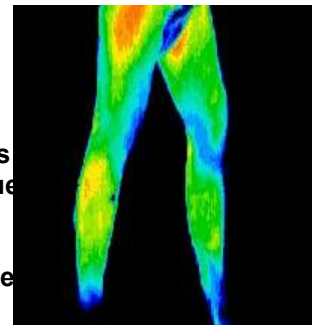
**Examples of results from subject testing. Dozens of thermal images reflect the same results.**



Before picture left shows an inflamed area on the calf from lower body exercise. Highly inflamed areas are shown as white.

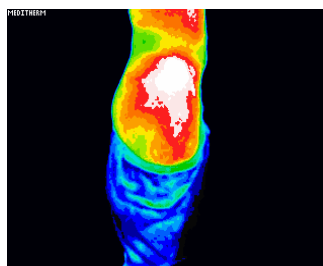
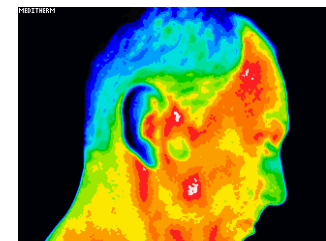
After picture right shows lower heat indicating less inflammation from Relief disc noted by the dark blue spot.

After thermal images were taken 5 minutes after the before picture.



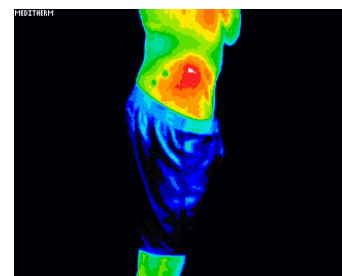
Subject has a migraine headache. Baseline picture was taken and Relief disc was placed in front of the ear.

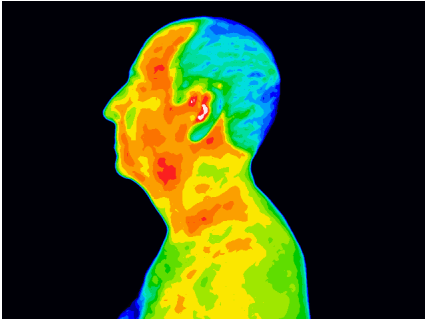
After picture was taken within 5 minutes showing effective heat reduction. Subject reported headache pain relief.



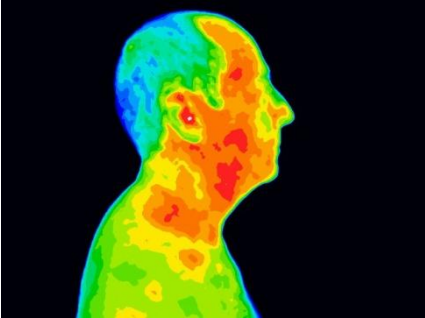
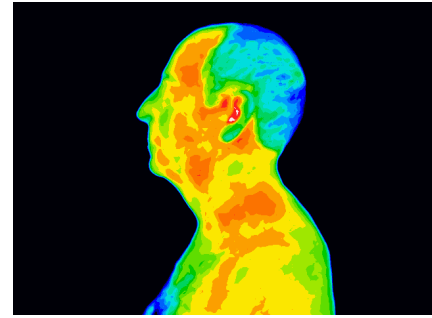
Subject had a surf board accident in his right hip. Baseline picture shows severe heat in the area the board hit.

After picture shows cooling down of the heated and inflamed area within 5 minutes. Subject reported a reduction in pain.

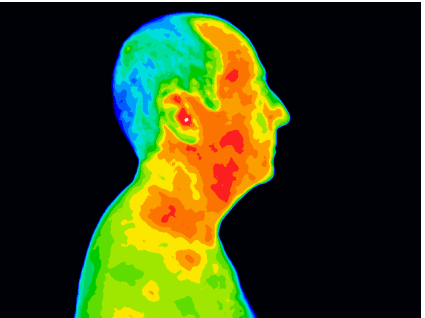
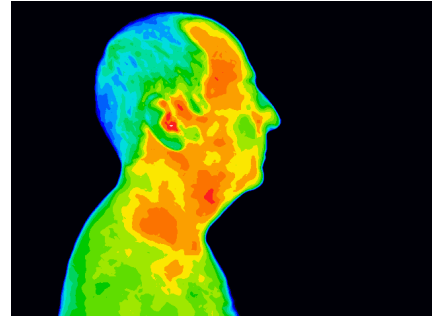




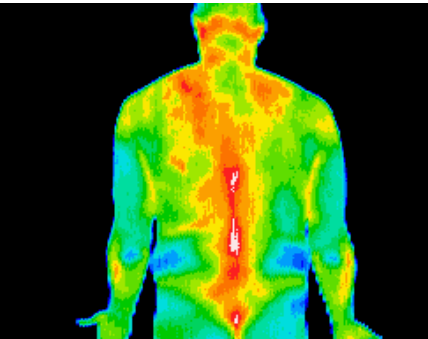
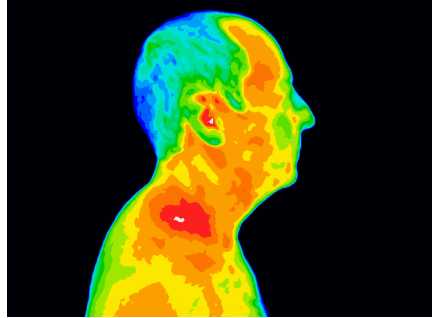
**Thermal scan before using a Relief disc to decrease heat in the head.**



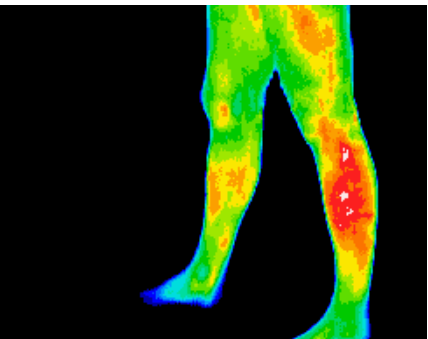
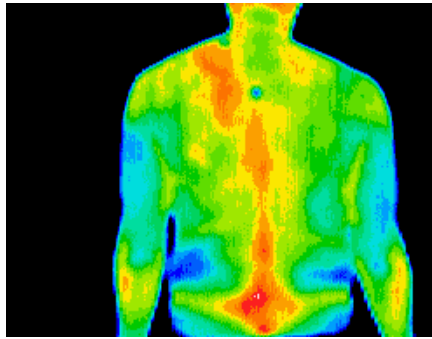
**Thermal disc placed in front of the ear to decrease heat in the facial area.**



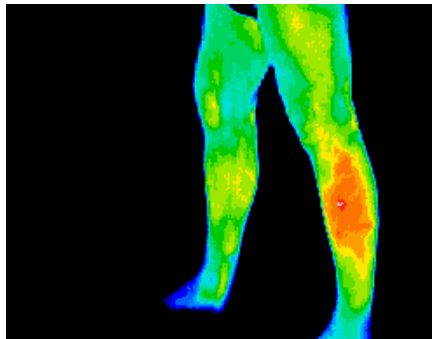
**Relief disc reducing heat in the face and showing a reaction down the shoulder.**

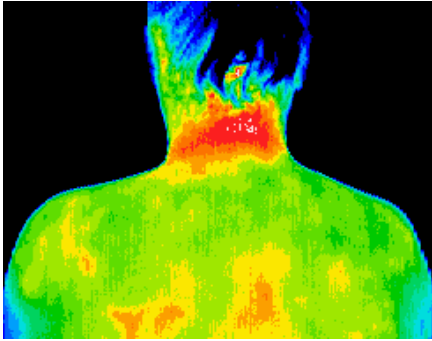


**Relief disc dissipating heat in the spinal area reducing heat in the shoulder and lower back area.**

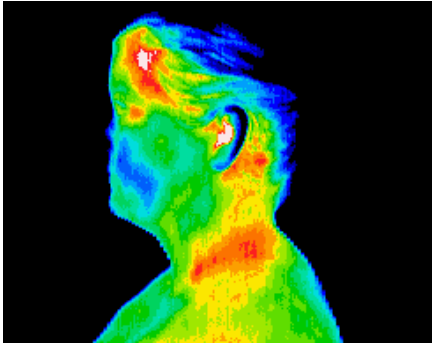
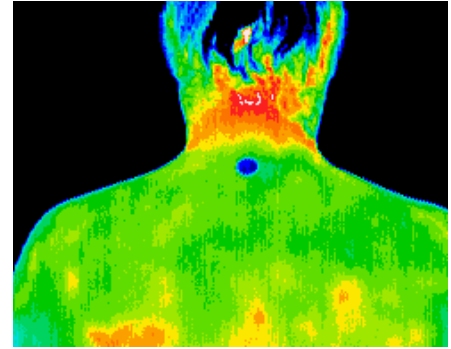


**Severe heat in the calf area from lower body exercise. Relief disc applied resulting in a dissipation of heat in the calf area of both legs.**

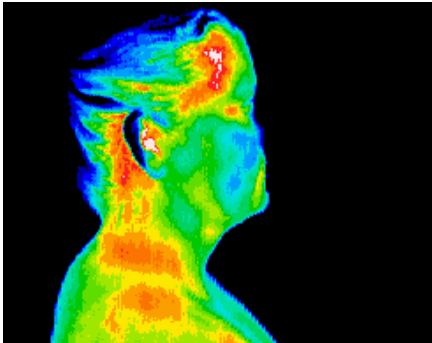
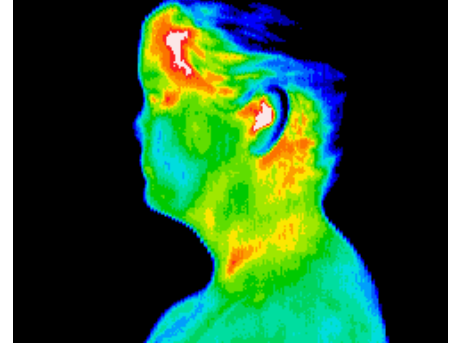




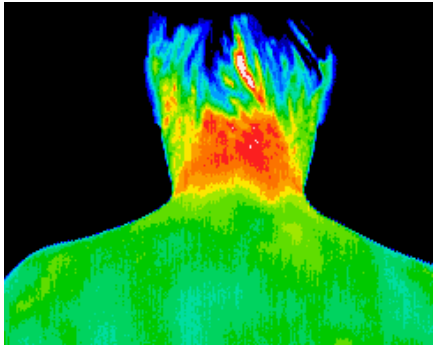
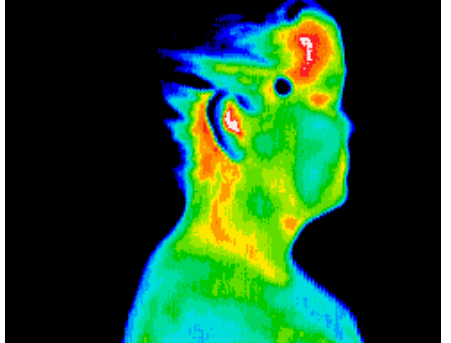
The Relief disc dissipates some of the inflammation and cools the back but the disc placement is clearly well below the source of the pain.



The Relief disc dissipates the inflammation down the shoulder. Placement of the Relief disc is clearly important in relation to the source of the pain.

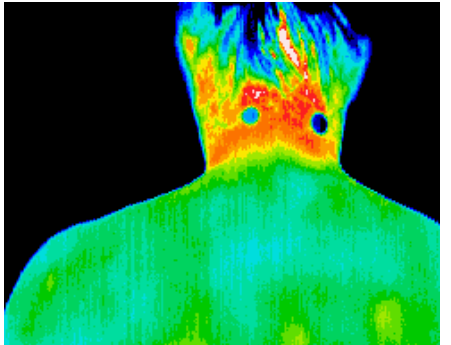


The Relief disc placed on the temple clears the heat in the area and down the shoulder. The Relief disc seems to follow meridians in the body.



The Relief disc placed on the neck reduces heat in the placement area and cools down the back.

Placement directly on the Atlas C1 area would likely have cleared more heat down the spine.



Testing continues as new formulas are developed from Miracle Balance research.