

## Infrared Imaging

*Yin Lo, PhD*

### **Breast Cancer, Breast Abnormalities, and Infrared Imaging**

I recently read an official report from Canada which estimated that almost one in nine women will have breast cancer during their lifetime. One in 27 will die from it. It is a chilling picture for any woman. Breast cancer is, indeed, one of most serious diseases that we have. Billions and billions of dollars in research funding has been poured into using orthodox Western medicine to cure cancer. To a great many people, only a small amount of progress has been made into solving the problem of cancer.



Can anything help beyond orthodox Western medical science? I believe so. One item is the thousands of years of tradition from China on herbs, acupuncture and *qigong* (sometimes called "energy healing" here). Another is the application of quantum theory and instrumentation such as infrared imaging to study the holistic nature of human beings. We call this new approach the "quantum health healing method."\*

In practice, we have pioneered the combination of the use of infrared imaging system with energy healing. There are two ways that we can help. Let us illustrate this with two practical cases.

#### **Case #1: Patient H**

Patient H was known to have breast cancer and had an operation two years ago. Recent examination revealed that cancer cells still existed in the right breast. We took infrared images (sometimes called thermograms) of the patient. Each pixel of the picture has a numerical temperature associated with it. The color code is as follows: White is the hottest, followed by red, yellow, green, and blue, with black being the coldest. The place where the cancer cells are active is where it is hottest, and is shown in white at the left breast in the picture below (Figure 1A). The maximum temperature of the left breast before the healing session was 102° F (38.89° C). Remember that the internal oral temperature of a human body is 98.6° F. Human skin temperature is generally 3° F to 4° F lower than one's internal temperature, or about 94° F, so this patient's temperature was 8° F above normal. If a person's oral temperature is 8° F above normal, or

104.6°, it is in critical condition.

After the healing session, which lasted about 20 minutes, the maximum temperature of the hottest spot on the right breast reduced to 99.59° F (37.55° C), a reduction of 2.4° F (1.34° C). The patient felt better. *Qigong* on this occasion was able to help and supplement the orthodox medical treatment.

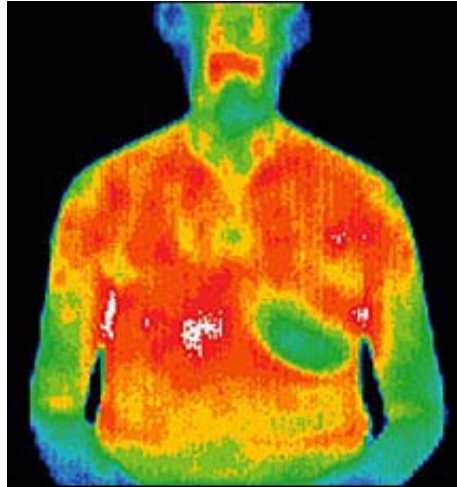


Figure 1A. Before the healing session began, the hottest spot on the right breast had a maximum temperature of 38.89° C.

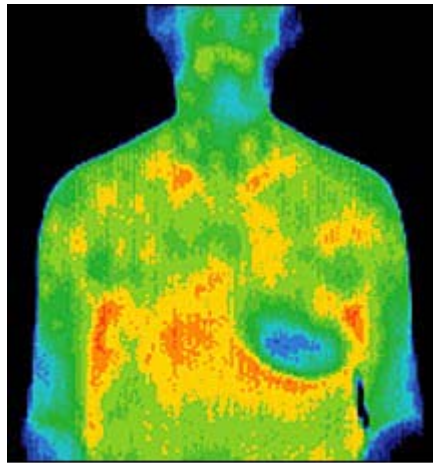


Figure 1B. After qigong treatment, the hot area in the breast in which the cancer was shown to exist reduced by 1.34° C to 37.55° C.

### Case #2: Patient Y

Patient Y came to see us because of concerns over discomfort at her left breast. We performed infrared imaging and discovered abnormalities in her breasts, with "hot spots" on the patient's nipples. Normally, the nipples protrude and are not hotter than the neighboring surface area. Hot spots were also found where the patient felt discomfort, as seen in Figure 2A.

The salient feature of Chinese medicine is its emphasis on prevention. Infrared imaging technique has much more to contribute. The human body has left and right symmetry in shape as well as in temperature distribution. For a normal person with normal breasts the left and right breasts have similar temperature distribution. If asymmetry in temperature distribution develops, it is a warning signal that abnormality is developing in the breast. A hotter region means there are many more biochemical reactions are happening at that spot. It may or may not develop into a tumor, but it is best to nip it in the bud. Acupuncture or *qigong* could treat such abnormalities without asking specifically what causes such abnormality.

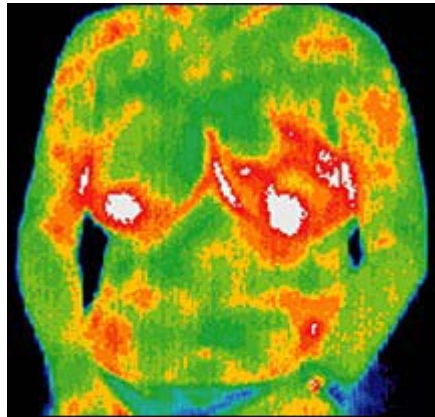


Figure 2A. Infrared picture of the breasts before healing with *qigong*. The maximum temperature on the nipples is 93.09° F. Color coding indicates the hottest temperatures in white, followed by red, yellow, green, blue, and black.

Immediately after the first *qigong* treatment, the hot spots on the nipples disappeared, as shown in Figure 2B.

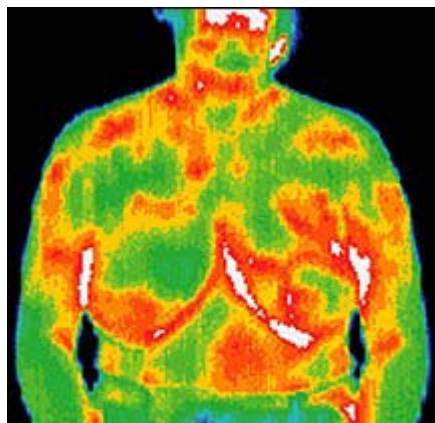


Figure 2B. Infrared picture of the breasts after the first healing session with *qigong*. The maximum temperature of the two nipples was reduced to 90.89° F, a reduction of 2.2° F. The normal fluctuation of body surface temperature is about 0.4° F.

Immediately after the third *qigong* treatment, the temperature distribution of the breasts appeared to be normal, as shown below. The abnormality disappeared.

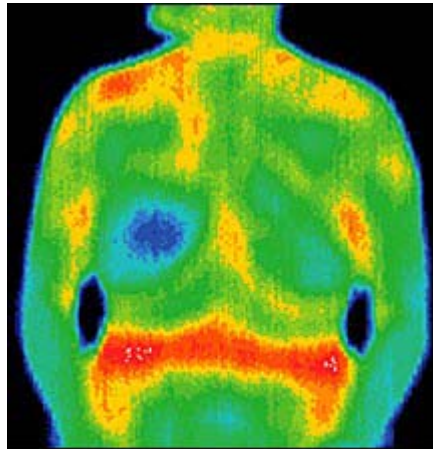


Figure 2C. Infrared picture of the breasts after three *qigong* healing sessions. The maximum temperature has reduced further to 90.37° F.

Infrared imaging is relatively inexpensive, noninvasive, and totally harmless. We have pioneered its use in alternative medicine. Although it has not yet been approved by FDA as a diagnostic tool, its scientific merits are well-recognized.

In conclusion, it is possible to detect abnormal temperature patterns in a woman's breast easily with infrared imaging. When such an abnormality is detected, it is possible to use alternative remedies such as acupuncture or *qigong* therapy to reduce the abnormality, and hence reduce the risk of it developing into cancer.

*Yin Lo, PhD*

*Professor of Chinese Medicine, American University of Complementary  
Medicine*

*Los Angeles, California*

