

Your Body Literally Glows With Light

By Dr. Mercola - July 24 2009



The human body literally glows, emitting a visible light in extremely small quantities at levels that rise and fall with the day.

Past research has shown that the body emits visible light, 1,000 times less intense than the levels, which can be seen with the naked eye. In fact, virtually all living creatures emit very weak light.

To learn more about this faint visible light, scientists in Japan employed extraordinarily sensitive cameras capable of detecting single photons. Five healthy male volunteers in their 20's were placed bare-chested in front of the cameras in complete darkness in light-tight rooms for 20 minutes every three hours.

The researchers found the body glow rose and fell over the day, with its lowest point at 10 AM and its peak at 4 PM, dropping gradually after that. These findings suggest there is light emission linked to the body clock, most likely due to how metabolic rhythms fluctuate over the course of the day.

Faces glowed more than the rest of the body. This might be because faces are more tanned than the rest of the body, since they get more exposure to sunlight.

Sources:

- » [Live Science July 22, 2009](#)
- » [PLoS One July 16, 2009; 4\(7\): e6256 \[Free Full-Text Article\]](#)



Dr. Mercola's Comments:

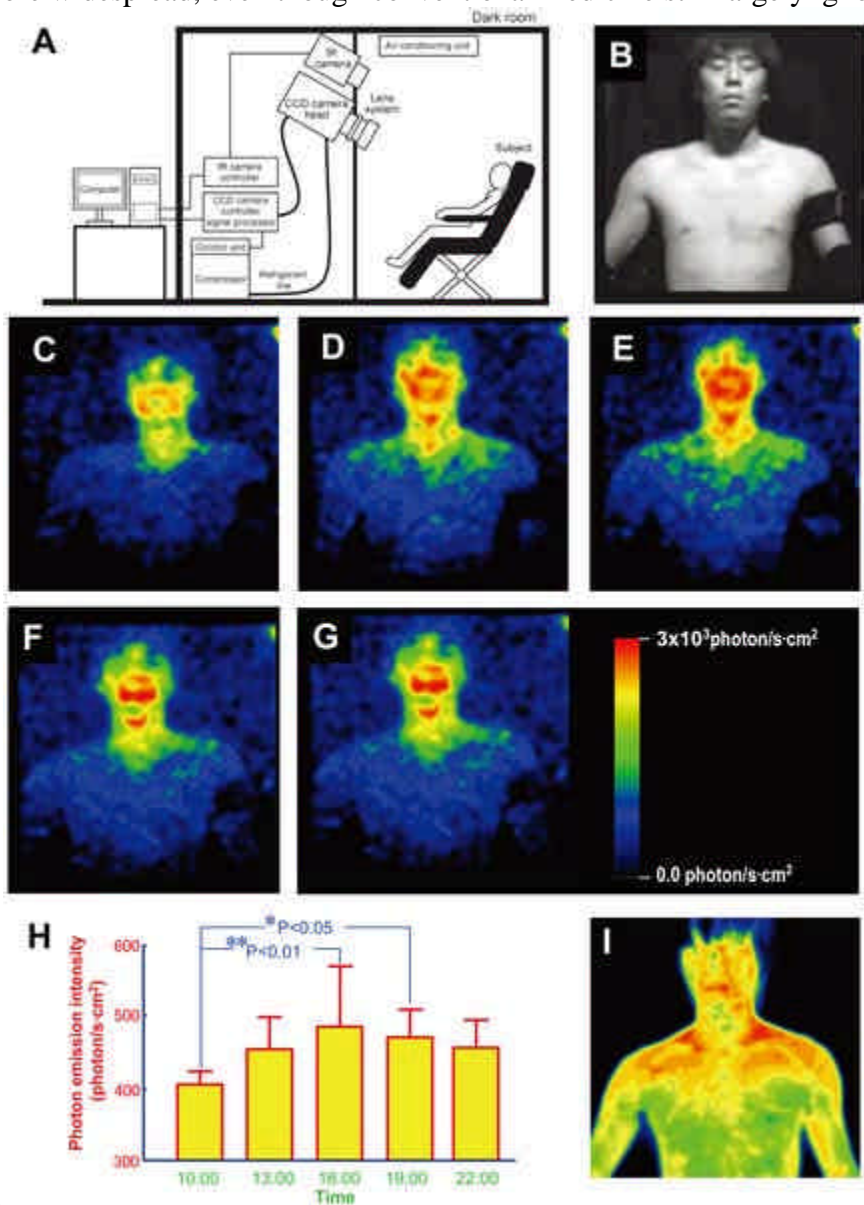
Energy Medicine ; Ancient Knowledge Gets a Facelift

There is an emerging trend of clinicians who recognize that a far more powerful approach to healing is one that is based on physics and not on chemistry.

Many natural health experts believe that your body is not only made up of tissue, blood vessels and organs. It's also composed of energy, or chi as it's called in traditional Chinese medicine (TCM).

This energy is circulated through your body along specific meridians, and when points on your skin that correspond to certain meridians are manipulated, the energy circulation and your internal organs are affected. Acupuncture is one well-known modality used to manipulate the flow of your meridians, but there are others.

The term energy medicine and modalities such as meridian tapping techniques have become more and more widespread, even though conventional medicine still largely ignores



it.

Schematic illustration of experimental setup that found the human body, especially the face, emits visible light in small quantities that vary during the day. B is one of the test subjects. The other images show the weak emissions of visible light during totally dark conditions. The chart corresponds to the images and shows how the emissions varied during the day. The last image (I) is an infrared image of the subject showing heat emissions. Credit: Kyoto University; Tohoku Institute of Technology; PLoS ONE

But your body is also *surrounded* by light, or energy.

As mentioned in the article above, earlier research has confirmed that your body emits light that is 1,000 times less intense than what your naked eyes are sensitive to. (Some people, however, are able to see this emitted light or aura, and some can even distinguish colors.)

What's really interesting about this study is that they discovered these light emissions appear to be linked to your body clock and the rhythmic fluctuations of your metabolism over the course of the day.

This suggests that you could detect medical conditions with the use of highly light-sensitive cameras.

" There are other devices that can accomplish a similar feat already, such as [electrodermal screening](#), which measures your electrical skin resistance to gain information about your chi flow.

If an electrodermal screening finds that certain meridian points are out of balance there are numerous non-invasive ways, such as massage therapy, herbal medicine and homeopathy, to bring them back into homeostasis.

Your Biophoton Field Holds the Key to Your Health

Others have explained the existence of light and energy around your body in terms of a biophoton field.

Dr. Dietrich Klinghardt discusses this field in [The Five Levels of Healing](#), which is based on a healing model developed some 12,000 years ago. This energetic model for health has influenced Tibetan medicine, traditional Chinese medicine (TCM), and Ayurvedic medicine as well.

The existence of the biophoton field was scientifically proven by Dr. Fritz-Albert Popp in 1974.

Your physical health is dependent not only on what goes on inside of your body, but is also interconnected with and dependent on other non-physical levels of energy, such as the energy surrounding your body, called the biophoton field.

In highly simplistic terms, your biophoton field can be viewed as a highly sophisticated computer that processes, stores and retrieves information that is then used to regulate your biological processes.

It is known in biology that every cell in your body has over 100,000 biochemical reactions per second, all of which must be carefully timed and sequenced with each other. Many (mostly European) scientists have investigated the organizing principle behind this sophisticated dance.

Dr. Popp also proved that biophotons originate from your DNA and that they are laser-like in nature. He developed the biophoton theory to explain their biological role and the ways in which they help control your biochemical processes.

How Your Biophoton Field Regulates Your Physical Health

The DNA inside each cell in your body vibrates at a frequency of several billion hertz (which is unfortunately the same range at which [modern cell phone communication systems](#) also work).

This vibration is created through the coil-like contraction and extension of your DNA -- which occurs several billion times per second -- and every time it contracts, it squeezes out one single biophoton; *a light particle*.

That photon contains all the information on everything going on in your DNA at that moment. One single biophoton can carry more than four megabytes of information, and relays this information to other biophotons it crosses in the biophoton field outside your body.

All the photons that are emitted from your body communicate with each other in this highly structured light field that surrounds your body.

This light field also regulates the activity of your metabolic enzymes. This corresponds nicely with the findings in the study above that show your light field ebbs and flows along with your metabolic rhythm.

The information transfer on biophotons is bidirectional, which means your DNA sends information out on a photon, and on the same photon the information of all the biophotons from your body is broadcast back to your cells, and to your tubulin, which are light conductive molecules in your connective tissue.

The tubulin, in turn, receives the information-carrying light impulse and conducts it at the speed of light throughout your body, where it is translated inside each cell into activating or inactivating certain metabolic enzymes.

Have You Ingested Healthy Light Today?

A fascinating alternative practice that Dr. Klinghardt has started using, based on this premise, is to use tools that work with light to influence your biophoton field in beneficial ways.

For example, transmitting the information of nutrients in the form of light into your biophotons field can affect your body in the same way as eating the actual nutrient!

The greater your store of light energy, the greater the power of your overall electromagnetic field, and consequently the more energy is available for healing and maintenance of optimal health.