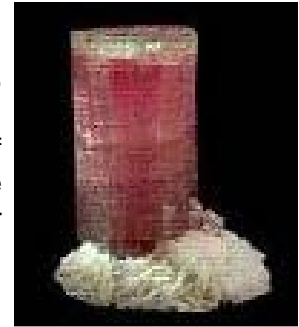


## Far Infrared

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The original Asian study of the health, longevity, and natural disease resistance of mature trees deep in forests, led to the formulation of the ingredients for the foot patch. The Detoxifying Pad has no starches, shellfish, mushrooms or fillers. It has the most tourmaline (20%) than any competitor. Each patch weighs 5g or .175 ounces.

**TOURMALINE** is nature's source of **Far Infrared (FIR)** and **Negative Ions**. Prized as a beautiful, semi-precious gem, Infrared Tourmaline is the only mineral to show permanent electricity on the earth and is also a natural source of negative ions and far infrared (FIR) rays. When the positive and the negative electrodes of a tourmaline crystal are connected to each other or put under pressure or warmed, it generates a voltage (0.6V) and a low electricity of 0.06mA.



**FIR** has three properties: **radiation**, **deep penetration**, and **resonance absorption**.

- **Radiation:** means it can directly reach human bodies just like light does.
- **Deep Penetration:** **FIR** can reach well into subcutaneous layers of the body (or water) with its deep penetration ability, generating internal warmth suitable for molecule activation in living tissue.
- **Resonance Absorption:** Once illuminated, there is intrinsic vibration of body components - seventy-five percent of our bodies composed of water, protein, fat and enzymes - all must function properly to sustain life. The vibrating movement of molecules in living tissue produces an increase in energy which in turn activates cells and enhances metabolism.

Far Infrared Therapy (or FIR Therapy) is a deep penetrating heat therapy, whereby, far infrared rays are emitted and may help to:

- Improve blood circulation which helps regulate body temperature
- Increase the blood's oxygen content
- Enhance tissue oxygenation and regeneration
- Improvement joint and bone mobility
- Reduce inflammation and pain in muscles and joints
- Activate water molecules in the body
- Relieve stress
- Increase mental alertness
- Strengthen the immune system
- Anti-bacterial and deodorant qualities
- Increase metabolism efficiency
- Activate sweat glands to help rid toxins from one's body and decrease acidity in the blood
- Help expand capillaries
- Improve digestion
- Normalize complexion
- Ease bloodshot eyes
- Prevent colds
- Decrease excess water retention

## Far Infrared Therapy Technology Comes of Age

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### An Excerpt from: [www.ElectricalBody.com](http://www.ElectricalBody.com)

- What exactly is infrared, or radiant heat? No need to worry - it has nothing to do with either ultraviolet radiation (which gives you a sunburn and damages your skin) or atomic radiation (the kind from a nuclear bomb). Radiant heat is simply a form of energy that heats objects directly through a process called convection, without having to heat the air in between. Radiant heat is also called infrared energy (IR). Our sun is the principal source of radiant energy that we enjoy daily (some more so than others). Have you ever been outside on a partly cloudy spring day of about 50 degrees F. and felt quite comfortable until the sun was suddenly obscured by a cloud? Although the air temperature had not had time to drop, you felt chilled, as the cloud would not let the warming infrared rays through to reach you.
- Infrared light is an important energy force that promotes healing - a raising of the white blood cell count. Why is that good? Because more white blood cells mean greater immunity. Greater immunity means greater health and a better quality of life.
- Today we're seeing new technologies employing far-infrared energy in health care products and in clinical protocols, such as hyperthermic therapies for detoxification and cancer treatment.
- Energy medicine is an ancient practice and Chinese health practitioners would use healing touch therapies for improved cell growth, DNA synthesis and protein synthesis in cells. Although these ancient practitioners did not know the technical terms as to why their therapy improved health, they were sure their patients got better. The human heat from their touch increased immune defense response in which white blood cells surround and ingest small living things (like bacteria) and cell wastes.
- Far-infrared heat follows the same principle: warm the injury site to speed healing. Why is infrared heat better than, say, a heating pad? Because the vibrational energy of far-infrared light is unlike that of the heat energy we use for everyday functions, like cooking. Boiling water could actually damage our skin but it doesn't heat internal organs. Sunlight heats us in a profound way, because it contains penetrating far-infrared rays as well as the full range of energy in the electromagnetic spectrum.
- I know what you must be thinking – *“How can I benefit from the sun's infrared rays? I thought the sun's rays were damaging to my skin.”* While it's true, the sun's rays should be used judiciously, especially by fair-skinned people, the fact remains that infrared radiation promotes health, and it includes: relief from all forms of arthritis, increase in the extensibility of collagen tissues, relieves muscle spasms and joint stiffness, increases blood flow, assists in resolution of inflammatory infiltrates, edema and exudates, weight control, hypertension, arteriosclerosis, coronary artery disease, blood circulation, ear, nose and throat conditions, skin conditions (including cellulite), and all-around beauty treatment.

Far Infrared is that part of the electromagnetic spectrum from 5.6 to 1,000 micron wave lengths. The Far Infrared segment of the electromagnetic spectrum occurs just below, or infra to, red light as the next, lowest energy band. This band of light is not visible to human eyes, but can be seen by special cameras that translate infrared into visible colors. The sun produces most of its energy in the infrared segment of the spectrum. Our atmosphere has a 'window' in it that allows infrared rays, in the 7 to 14 micron ranges to safely reach the earth's surface. When warmed, the earth radiates infrared rays in the 7 to 14 micron bands with a peak output at 10 microns.

Our tissues normally produce infrared energy for warmth and tissue repair. Tissue production of infrared energy is associated with a variety of healing responses. At times, the infrared energy in our tissues may require a boost to a higher level to ensure the fullest healing possible for tissue repair. Body tissues that need an infrared boost selectively absorb infrared rays. After boosting a tissue's infrared energy, the remaining rays pass onward harmlessly. This phenomenon is called '*resonant absorption*.' Our bodies radiate infrared energy through the skin at 3 to 50 microns, with most output being at 9.4 microns. The palms of our hands emit energy too, from 8 to 14 microns.

Infrared energy penetrates tissues to the depth of over one inch. Its energy output is tuned to correspond closely to the body's own radiant energy so that body tissues absorb close to 93% of the Infrared waves that reach the skin.

Our Detoxifying Foot Patch has been lab tested to demonstrate that the concentration of wood vinegar powder used has, indeed, a Far Infrared emission of 40 degrees centigrade. Many materials have to be heated up before demonstrating this behavior. In the case of tourmaline, for example, it has to be heated to 70 or 80 degrees centigrade to exhibit this property. Interestingly enough, this is not the case with the wood vinegar in our Detoxifying Foot Patch.

## **How Does the Foot Patch Work?**

The Foot Patch does not ease aches and pains by means of heat. This is not like a '*chill plaster*', nor a '*deep heat*' treatment. It uses Far Infrared to stimulate the reflex points on the soles of the feet. By doing so, the product can affect the entire body's circulation. To understand this requires an acceptance of the concept of Reflexology. Another way to put this idea across is by referencing "*Empirical Testing*". Empirical, in this instance, means that by using a Thermal Imaging Camera, we can observe changes in the body related to the presence of The Patch on the soles of the feet. It is also referred to as **Thermographic Imaging**.

What the Patch is doing is to encourage '*self-healing*' by promoting improved circulation. We do not treat or cure anything by putting an active ingredient into the body. When you cut yourself and the doctor puts stitches in, the stitch does not heal the wound. Your body closes the wound with its own healing process, and the stitches simply allow your body the time to get that done. Similarly, when using the foot patch, muscular aches and pains that result from poor circulation can ease up. If the problem does not have a circulation component to it, the Patch may not help.

## **How does The Detoxifying Patch assist the body in detoxification?**

Improved circulation should mean better overall detoxification through all of the channels of your body including perspiration. In Chinese Medicine, the acupuncture points are considered to be good detoxification points.