

# BIO-MAT Basics

## *With Far-Infrared, Negative Ions, & Amethyst Crystals*

US FDA Medical Device: # 2954299

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The Richway Bio-Mat combines state of the art Far-Infrared Light and Negative Ion Technology with the healing power of Amethyst to deliver top notch professional therapeutic results. The Bio-Mat is approved by the FDA as a medical device, capable of the following functions. **The Bio-Mat:**

1. **Improves Circulation & Cardiovascular Function**
2. **Improves Immune System Function**
3. **Relieves Pain**
4. **Burns Calories and Controls Weight**
5. **Eases Joint Pain and Stiffness**
6. **Reduces Stress and Fatigue**
7. **Improves Skin**
8. **Removes Bodily Toxins and Assists in Detoxification**

Many insurance companies consider the Bio-Mat a viable treatment option for pain as well as other musculo-skeletal problems. The Bio-Mat delivers the benefits of a Far Infrared sauna for a fraction of the price. The Bio-Mat is a totally unique medical device producing both Far Infrared as well as generating 6.8 microns of Medium "Human" Infrared. According to NASA research, Human Infrared normalizes a variety of important physiological functions, especially glandular functions. This **Human Infrared** feature of the Bio-Mat makes it different from any other infrared device on the market.

In addition, traditional infrared saunas and devices utilize 120 volt AC current. AC current has been proven to be highly detrimental to human health. AC or alternating current disturbs the human biological field. The Bio-Mat protects your body from the harmful AC current by providing a 5 tiered buffering system in which the AC current is **converted to DC** (direct current) which is bio-electrically compatible with the human body.

The Bio-Mat also delivers *Negative Ions*, energizing the body for optimal health. The **Negative Ions** delivered through the Bio-Mat are delivered directly to the body through the skin's surface via conduction. This greatly differs from ambient air ions delivered through the popular negative ion generators used for air cleaning, which NASA reported only positively effecting 25% of people. The direct conduction of negative ions allows for an immediate response and change in the body's electrical field for 100% of the people, whereby cell channels are activated for a rapid return to the body's optimal physiological state.

The Bio-Mat is further enhanced with *Amethyst Crystals*, known for their calming and healing effects since ancient times. The Bio-Mat is a revolutionary healing tool, ideal for health care professionals or anyone interested in improving their overall health and well-being.

The "Amethyst Effect" was scientifically demonstrated through spectral analysis demonstrating a change in infrared light when refracted through amethyst crystals. Scientists experimented passing far infrared light through a variety of substances, including various gems, glasses, and plastics. **Amethyst** was found to be the only substance which clearly changed the spectrum of infrared light. Wave forms mimicked patterns similar to the human voice according to scientists. While no theory has yet been proposed regarding the Amethyst Effect, scientists

hypothesize that the infrared light passed through the *amethyst releases over 20 million years of information which is made available to the human body for healing purposes.*

The field of Far Infrared Crystallography explains this effect in further detail. FIR refracted through *amethyst* crystals organizes FIR into geometrical patterns with **higher bio-compatibility**. Korean researchers propose that addition of the amethyst allows for greater increase in the utilization of the light by the human organism.

Far Infrared Rays (FIR) penetrate 6-8 inches into the human body. These rays not only benefit the skin and muscle tissue on the surface of the body, but penetrate into deeper tissues. The FIR penetrates into the lymph glands, blood vessels, nerves, as well as key organs. The rays optimize the health of these tissues in a number of ways. First discovered by NASA, Scientists propose that among the energy spectrum coming from the sun, that the Far Infrared Ray waves are by far the safest and most beneficial electromagnetic energy available for the human body, directly affecting all metabolic and cellular functions.

### THE SUPERIOR HEALTH BENEFITS OF THE BIO-MAT

#### **1. Improves Circulation & Cardiovascular Function**

Far Infrared Waves raise body temperature warming the blood and expanding the blood vessels. There is an increase in peripheral blood flow and volume, resulting in improved circulation and heart function.

#### **2. Improves Immune System Function**

Far Infrared Ray's deep heat raises your body temperature, inducing an artificial and healthy fever. As the body works to combat the "fever," your body's immune system is activated and strengthened. Combined with the detoxification of harmful toxins and waste products, your overall health and resistance to disease is improved greatly.

#### **3. The Bio-Mat Relieves Pain**

The deep heat of far infrared helps peripheral blood vessels dilate, bringing relief and healing to muscles and soft tissue injuries. Increased blood circulation carries off metabolic waste products and delivers oxygen rich blood to oxygen depleted muscles, so they recover faster.

#### **4. The Bio-Mat Burns Calories and Controls Weight**

As you relax in the gentle heat of Far Infrared your body is actually hard at work, producing sweat, pumping blood and burning calories. According to a Journal of the American Medical Association report, a single far infrared session, burns as many calories as rowing or jogging for 30 minutes.

#### **5. The Bio-Mat Eases Joint Pain and Stiffness**

Far Infrared heat therapy is widely used to treat patients suffering from many kinds of arthritis and musculo-skeletal disorders. In addition, it has been proven effective in the treatment of sprains, neuralgia, bursitis, muscle spasms, joint stiffness and many other musculo-skeletal ailments. Stiffness, aches and soreness that come with aging are reduced or eliminated using FIR.

## 6. The Bio-Mat Reduces Stress and Fatigue

The gentle warmth of the far infrared rays helps to soothe nerves and relax tight or knotted muscles. The end result is reduced stress and improved energy.

## 7. The Bio-Mat Improves Skin

The Bio-Mat's Far Infrared and Negative Ions penetrate the skin deeply, helping to detoxify impurities from the skin and lymph. In addition, exfoliation is greatly enhanced by the Far Infrared, rapidly removing dead skin cells. Increased circulation draws your skin's own natural nutrients to the surface, rejuvenating your skin's health and appearance.

## 8. Removes Bodily Toxins and Assists in Detoxification

Far Infrared helps to detoxify the body in several important ways. Increased blood circulation stimulates the sweat glands, releasing built up toxins and waste. Daily sweating can help detoxify your body as it rids itself of an accumulation of potentially carcinogenic heavy metals, alcohol, nicotine, sodium, sulfuric acid, cholesterol, and uric acid. In addition to sweating, far infrared is capable of removing toxins via several other bodily systems.

## EFFECTS OF DIRECT CONDUCTION NEGATIVE IONS

### Blood Alkalization & Blood Purification

When negative ions are applied to the body, the Calcium and Sodium circulating in the blood are ionized. This changes the blood pH into an alkaline state and has an overall alkalizing effect on the body. The normal pH of human arterial blood is approximately 7.40 (normal range is 7.35-7.45), a weak alkaline solution. Blood that has a pH below 7.35 is considered "acidic", while blood pH above 7.45 is alkaline. Proper blood pH is essential for optimal health. It has been noted that the negative ions applied to the body are helpful at regulating blood pH.

### Reviving the Cell

When the amount of negative ions in the blood increases, there is an increase in inter-cellular communication. Cellular metabolism is facilitated, and as a result there is an increase in cellular nutrient uptake and cellular hydration. In addition, cellular waste materials are more efficiently excreted. With the increase in cellular metabolism, optimal cell function is rapidly revived. Further information is found in the Nobel Prize in Physiology (1991) for the discovery of ionic channel function.

### Diseases Associated with Ion Deficiencies

Indoor environment, city living, cars, exposure to electronic devices, EMF's (electro-magnetic fields), and environmental pollution all result in increased positive ions in one's body, tilting the ratio of ions towards the positive. This results in a physiological imbalance, which may have detrimental health consequences. Too few negative ions in our body can cause a number of diseases. Some of the health problems associated with an imbalance of ions in the body include: anemia, allergies, shoulder pain, lumbago, rheumatism, neuralgia, headaches, kidney problems, imbalanced autonomic nervous system function, insomnia, and fatigue.

## THE ORIGINAL BIO-MAT DIFFERENCE

The Bio-Mat is different from any other Infrared or Negative Ion generating device on the market. Two other common products existing on the market at this time: the Aesta Mat and the Vita-

Mat. Sellers of these mats claim they are equal and deliver the same benefits for a lower price. This is quite misleading. First, the Bio-Mat is the original mat and the other mats were created by competitors in an attempt to duplicate the technology for a lower price. One manufacturer even claims to produce their mat in the same facility where the Richway Bio-Mat is produced. The Bio-Mat differs from the Aesta Mat and Vita-Mat in the following ways.

1) **6.8 Micron Infrared** – Bio-Mat generates a special spectrum of photon infrared at 6.8 Microns through a special sensor which amplifies the amount of 6.8 infrared exposure. The benefits of 6.8 micron Infrared or "Human" Infrared are described in an earlier section. The Vita-Mat or Aesta Mat do not have this additional sensor and so do not deliver the extra benefits of 6.8 micron infrared.

2) **10 Hz Infrared** – The Bio-Mat includes another sensor which generates 10 Hz infrared. World renown scientist Dr. Chian, of China has demonstrated that 10 Hz IR acts as an information carrier when passed through various materials, including human and animal DNA, pheromones, as well as gemstones such as Amethyst. Bio-Mat's with 10Hz IR sensors were tested along with a control group of Bio-Mat's without the 10 Hz sensor. The most potent healing effects occurred only under the group with the 10Hz sensor. This means that infrared alone was not responsible for the healing, but rather the addition of information being released from the Amethyst as hypothesized by researchers. As one Korean Research scientist said, "It appears that with infrared we are talking about energy, but with the addition of amethyst, and the 10 Hz IR, we are now talking about energy plus healing information. This is the critical difference between the use of infrared saunas, infrared mats (without 10Hz infrared or amethyst) and the Bio-Mat". This may explain why so many reports of healing have occurred over the 9 year history of the Bio-Mat. Consumer beware, the other mats do not contain this sensor.

3) **Bi-Metal** – Bio-Mat uses the highest quality Bi-Metal in its mats. Bi-Metal is used inside Infrared Mats as a heat sensor to control heating functions within the mat. The Bi-Metal can break over time with usage, rendering the mat ineffective. Whatever mat you choose to purchase ask your seller about the quality of the Bi-Metal used in the mat, and ask about the warranty. There is only one type of 'High-Quality, Long-Durability Bi-Metal' sold on the market today. This Bi-Metal is manufactured by Texas Instruments and was originally developed for military usage. The Richway Bio-Mat is the *only* company that has access to and uses this high quality bi-metal in their mats. This means a guaranteed longer life of the mat, reflected in Richway's warranty and repair policies. The additional cost of the expensive Bi-Metal is one reason why Richway Bio-Mat's are more expensive, in addition to the inclusion of the 6.8 micron sensor, the 10 Hz IR sensor, and Amethyst. In addition, Richway recycles all of the Bi-Metal from its mats. Consumers are free to choose their products but should be first educated about the differences between the existing products.

	BIO-MAT	Aesta Mat	Vita-Mat
High Quality Bi-Metal	✓	-	-
10HZ IR Sensor	✓	-	-
6.8 Micron Sensor	✓	-	-
Amethyst	✓	-	-

Transform your health, your body, and your life. Order your Bio-Mat today 832-422-7271