

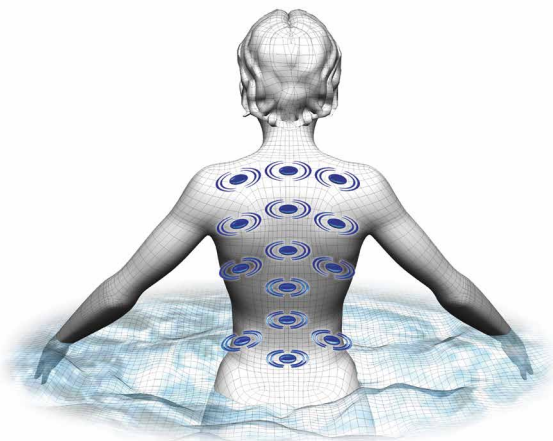
Master Force Bio-Magnetic Therapy is an Industry First

Bio-magnetic therapy is used for the control of pain, to stop infections, heal bones and scar tissue, and the rejuvenation of cells. It can also be effectively combined with most other therapeutic modalities.

That's why Master Spas, after extensive research and development, choose to combine the proven benefits of hydrotherapy with the pain relieving comfort of bio-magnetic therapy.

The result is the Master Force Bio-Magnetic Therapy System™ that is so revolutionary that it is Patent Number 6,575,892.

The heart of the system is eight large, powerful bipolar magnets (more than 2000 gauss each) that are strategically placed behind the StressRelief™ Neck and Shoulder Seat on most spas to help relieve back and shoulder pain. This industry-first brings therapy to a whole new level.



The Master Force Bio-Magnetic Therapy System will apply magnetic therapy to pressure points on the back by strategic placement of powerful magnets behind the StressRelief Neck and Shoulder Seat. Neodymium rare earth magnets are used to create a powerful magnetic therapy field.



The Theory Behind Bio-Magnetic Therapy

Bio-magnetic therapy enables you to safely and economically treat the human body's many aches and painful conditions without the use of

injections, salves, and drugs. In 1954, Linus C. Pauling received the Nobel Prize in Chemistry for his discovery of the magnetic properties of hemoglobin (the component of blood that is responsible for its red color). This was a significant discovery because iron, in addition to its function as the carrier of oxygen in hemoglobin, plays an important role in the internal metabolism of the cell. Since it is easy to magnetize, iron is a perfect carrier of energy.

Clinical tests have proven that when magnets are applied to the painful areas of the body, a favorable reaction takes place. Neodymium rare earth magnets penetrate the body and create a magnetic field that energizes and oxygenates the blood, especially the white corpuscles, which are the body's natural healing agent.

The charged ion particles in the blood are moved about, creating heat. This constant heat helps increase blood flow, which helps to enable the body to perform its natural healing process. Magnetic therapy is safe, non-invasive, and non-addictive and the Neodymium rare earth magnets are permanent and can be used over and over.

Scientific research documents the following specific physiological effects of bio-magnetic therapy:

- 1) It affects increasing blood and oxygen circulation along with the nutrient carrying potential of the blood.
- 2) It is able to affect pH balance, which is often imbalanced in disease tissues.
- 3) It positively speeds up the migration of calcium ions to facilitate the healing of nervous tissue and bones. Because of this, it can help remove the pathological building of calcium associated with arthritic joints.
- 4) It can stimulate and foster necessary enzyme activity.

Clinical Studies

There is a growing body of evidence in the medical and scientific communities that shows that bio-magnetic therapy really works.

In a recent study published in the Archives of Physical Medicine and Rehabilitation, researchers at Baylor College of Medicine in Houston found magnets to be extremely effective at blocking pain caused by post-polio syndrome. (This syndrome, marked by leg pain, affects up to 20% of polio sufferers later in life.)

In a controlled study, 76% of patients treated with a magnet got pain relief. Only 18% treated with a sham magnet got relief.

In other studies, magnets have proven effective against...

Fibromyalgia

Researchers at Tufts University School of Medicine in Boston showed that magnets help relieve muscle pain caused by this mysterious condition.

In the study, patients who slept on magnetic mattresses experienced greater pain relief than patients who slept on ordinary mattresses.

Diabetic neurotherapy

In research conducted at New York Medical College of Valhalla, magnetic footpads were more effective than nonmagnetic footpads at relieving numbness, tingling and pain associated with this diabetes-related problem.

Evidence suggests that roughly 80% of chronic pain sufferers could benefit from magnetic therapy. That's true for virtually any form of pain.

Magnetic Fields

The magnetic field is the area where magnets exert their force. This is easily determined by holding a compass near the magnet to determine if the strength of the magnet overrides the magnetic force of the poles.

Magnetic Poles

Up until recently, scientific technical study of magnets described the nature and effects of the two poles of a magnet as being the same. The years of research by Dr. Albert Roy Davis Ph.D., based on isolating and measuring the effects of the two poles has confirmed the different reactions they produce on living systems.

Dr. Davis was able to measure the direction of electron spin given off and transmitted from the two ends of magnet's poles. From this, he was able to determine that the spin of the electrons were in reverse of each other. The electrons coming from the south pole of the magnet cycled and moved clockwise, to the right while those emanating from the north pole moved and cycled to the left or counterclockwise.

This was confirmed from the use of complex technical magnetometers measuring the magnetic field of Earth from space. It was discovered that magnetic energy moves in a spiral forming the infinity pattern. Upon leaving either the North or South poles it travels halfway backward, clockwise or counterclockwise depending upon the exiting pole, to reenter and rephase itself inwards where it takes on the reverse spin in the opposite direction.

Both the north and south poles of a magnet provide therapy but because the magnetic fields are moving in opposite directions they typically are used for different purposes.

The bio south side of the magnet (positive) has been used with great success to help mend broken bones quicker and to help heal cuts and burns. However, it has been found that applying complete north and south pole magnetic therapy has been even more successful than single pole therapy on chronic pain including arthritic and rheumatic pain. Large muscle areas like the back also seem to respond better to the use of bipolar treatment.

Strength of Magnets

Magnetic field strength is measured in gauss. A typical refrigerator magnet is about 10 gauss. Medical magnets range in strength from 450 gauss up to more than 5000 gauss.