

Magnetism and Geo-biological Phenomena



(2006 Edition)

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FIMASTARS AND NATURAL BIO-MAGNETISM

Fimastars has applied bio-magnetism towards human health by creating a complete line of products that express their natural properties and act on the body on a physical and energetic level. Fimastars has patented a method of binding primary material properties with natural bio-magnetics thereby making each product in its collection extraordinarily effective in its pursuit.

Fimastars is a European leader in the production and distribution of patented bio-magnetic products for personal well-being. The company was founded in 1996 and is headquartered outside Milan, Italy in Azzate. Fimastars America was founded in 2006 and operates in Canada, Mexico and the United States through its head office in Toronto, Canada.

INTRODUCTION TO NATURAL MAGNETISM

This document was produced thanks to the book “Bioedilizia” written by Mauro Bertagnin, Editions GB, 1996.

What comes to mind when one says “Magnetism”? The first image is that of a magician, one seen on television who declares they have paranormal powers.

However one can be less gullible. The word “magnetism” recalls to memory a child – maybe even one of us when we were small – that discovers for the first time, eyes wide-open, the surprising power of a magnet. The child reasons the same way that the primitive man might have when faced with the same phenomenon: the magnet attracts iron. More precisely the magnet exercises on the iron a force of attraction from a distance. This is maybe one of the first scientific observations made by the ancients on one of the most mysterious phenomena of the physical world known till then. The properties of the magnet have always kindled feelings of marvel in observers.

The great physicist Albert Einstein, in his biography, writes: “I was only five years old when my father showed me the compass and I was captured by its power. The way that magnetized arrow could behave in such a determined way was not part of the normal physical world but rather part of the unconscious world of concepts. I remember still – or at least I think I remember –this experience that had a profound and lasting effect on me.”

BRIEF HISTORICAL MENTIONS REGARDING MAGNETISM



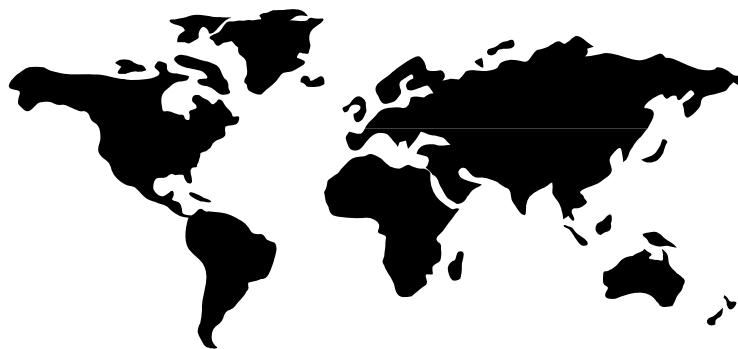
It is said that the ancient Greeks were the first to reflect on the wonderful properties of the natural magnet. As early as 800 BC, magnets were mentioned in Greek texts. Other similar testimonials – maybe even older than those of the ancient Greeks – have been found in other cultures, such as the Chinese. The ancient Greek philosophers were not interested in explaining the phenomenon. For them it was more relevant to incorporate the idea of magnetism in a pre-determined concept of the world. As such, the ancient alchemists attributed the power of the magnet to its divine origin. Thales, Anaxagoras and others believed that the magnet had a soul. Diogenes used to say that it was the humidity found in the iron that was attracted by the dryness in the magnet. More elaborate theories pertaining to the same school of thought talked of an invisible fluid emanated by the magnet.

During medieval times there was no progress on this front. The scientists of the time continuously gave metaphysical explanations over and above physical ones. Monks were the keepers of all knowledge at the time and culture was dominated by religious vision.

It was William Gilbert (1540-1603) – a doctor living in the Elizabethan court – who wrote the first scientific report on magnetism, the *De Magnete, Magneticisque Corporibus, et de Magno Magnete Tellure*. Considered to be the father of magnetism, Gilbert severely criticized the procedures used by his predecessors in scientific investigations. Gilbert freed the magnet of all the superstitions attributed to it. Moreover, by reuniting all the known facts and theoretical knowledge of his time, he conducted rigorous experiments on the magnet. Magnetism eventually also influenced the development of fundamental concepts in astronomy.

In the XVII century, metaphysical interferences resulted in the magnet being further estranged from scientific analysis. It was only at the beginning of the 20th century that magnetism had a strong enough base on which to lean. The discovery of the electron – the atomic particle with a negative charge – removed all the suggestive interpretations basing the magnet on a soul or formulated fluid. Following is a chapter of the most recent history of the magnet, that of modern physics.

EARTH, AN ENORMOUS MAGNET



The first magnetic invention was the compass and much speculation surrounds its first appearance. The ancient documents that speak about it precede even the ones that talk about other magnetic phenomena. The Chinese place the birth of the compass somewhere within a period between 2600 BC and 1100 AD when mention of the compass first appeared in writing. In contrast, it has been postulated by others that the compass was already known in Europe by 1100 AD and became known in China by the XIII century AD, attributing its invention to an Italian or Arabic scientist.

How can a magnet positioned in a certain way with respect to the terrestrial axis, indicate precisely where North is?

It is because the Earth itself is a magnet with a nucleus composed of lava and metallic materials of large proportion: forming a magnet with a North and a South Pole so strong that it is capable of exerting influence upon any other magnetic material which is able to freely move on its axis.

The effects of terrestrial magnetism have been known to humans since ancient times, but only recently has man started to understand the causes of magnetism. It was not until the fifties that the existence of the electromagnetic field around the Earth was understood.

Magnetic strength is measured in Gauss. The magnetic strength of the terrestrial magnetic field is approximately 0.5 Gauss depending on geography – a relatively weak field, but one to which all living organisms are accustomed.

NATURAL MAGNETS AND PERMANENT MAGNETS

Natural magnets are made of a mineral known as “magnetite” whose chemical composition is ferrous oxide – three iron atoms and four oxygen atoms. The term magnet seems to have originated from the name of the province where this magnet was first extracted: Magnesia. Recently and in order to use magnetism for various industrial and medical applications, a specific magnetic composition has been developed, one which can last over time and garner the necessary strength to have consistent attraction and repulsion effects. Science has led to the production of metallic alloys – a combination of minerals with magnetic power. Permanent magnets can be divided in four fundamental categories:

- Ceramic magnets
- Plastic magnets
- Metallic alloy magnets
- Inter-metallic composition magnets

Ceramic magnets contain so-called hard ferrites. Only two of types are commonly used though: barium ferrite and strontium ferrite. Because they are both ceramic materials, the hard ferrites are prepared industrially using the same methods which are used to create regular ceramics.

Plastic magnets are made of barium ferrite dust incorporated into plastic or rubber. The resultant magnets do look like hard rubber in fact. Fridge door magnets represent a widespread application of these magnets at work.

Today, the most popular metallic alloy magnets are those of alnico – a combination of iron, cobalt, nickel, aluminum with small quantities of copper and titanium. These magnets are obtained through a metallurgical process – an alloying of the appropriate metals. These magnets possess higher magnetization than ceramic magnets and yet they are easier to demagnetize than ferrite magnets. These magnetic compositions are always subject to intensive studies and research in order to improve their properties and to lower their production costs, especially in Japan.

Inter-metallic composition magnets are made of cobalt and rare earth dust. The most typically used material is samarium-cobalt. These magnets were first introduced in 1967 and – due to their incredible magnetic properties – have triggered great interest. In fact, they are perfect magnets. Because of their high coercive field, it is practically impossible to demagnetize them.

In recent years significant progress has been made concerning the field of inter-metallic composites and rare terrestrial dust. It has been demonstrated that small amounts of boron stabilize the combination of ferrite and rare earth dust, resulting in an elevated magnetic value. In 1983, a Japanese company, Sumitomo, announced the breakthrough of having obtained in their laboratory magnets of neodymium-iron-boron, with an energy density double that of commercial magnets made of samarium-cobalt. Almost simultaneously, several American research groups came out with magnets of essentially the same composition, but through a different fabrication process. The performance of these latter magnets is often seen as inferior to that of their Japanese counterparts, but the American magnets offer the advantage of decreased production costs. Presently, there is an ongoing swarm of research activity in the world of magnetics.

THE ENERGY OF THE UNIVERSE AND THE ENERGY OF LIFE

“Certainly man has not yet been able to adapt to the modified electromagnetic situation of the modern environment he has created.” A. König, *Ferlehgang Baubiologie*, 1981

The Vital Energy of the Universe

Throughout the history of our planet, the terrestrial magnetic field has varied in intensity and shifted its polarity many times. Some scientists believe that these shifts in terrestrial magnetic intensity and polarity have coincided with major shifts in plant and animal species. Some further believe that terrestrial magnetic fields hold particular influences over living beings. What is certain, however, is that some animals use magnetic fields as one of several navigational aids.

Let us talk about electricity and magnetism. Electricity is a natural and fundamental property of materials, and even of biological systems such as the human body. It manifests itself through the attraction and repulsion among various bodies, and it is the first cause of magnetic, chemical and biological phenomena. An electric field is an influence formed in the space around a charged body that can exert a force over any other charge in the same area. In fact, near an electrically charged body – and more so, in the space that surrounds a circuit crossed by electric charges – a magnetic field is created with an intensity that is determined by the amount of electric charge flowing in the circuit.

Such a field can be tracked and measured with the appropriate instrumentation. This field, because it is generated from electrical charges, is named an “electrical field”.

In close proximity with a magnet, a field with a determined intensity is created, detectable and measurable with forces similar to electric ones. This presents a particularly recognizable difference: the lines of force close in on the two magnetic polarities present (even if distant from each other) with the existence of one being dependent on the existence of the other.

It is important to add, for clarity’s sake, that the word magnet addresses not only natural mass such as magnetite occasionally pulled from the terrestrial surface, but also an electromagnet – an electro-conductor wrapped in numerous coils placed side by side, run through by electric current. Such a field is called a “magnetic field” because it is generated by magnetic polarities. Therefore, it is possible to unite the concepts of the electric and magnetic field under the single definition of “electromagnetic field”, without forgetting that the production process of one is very different from that of the other.

Thus we can affirm with certainty that we live immersed in an enormous electromagnetic field, generated from continuous energy exchanges between electric and magnetic circuits, between that of the Earth and that of the rest of the universe, where every body vibrates and possesses and emits energy.

Both the Cosmos and the Earth emit energies that are not consciously perceived by most ordinary persons. Such radiation affects all organisms and it is believed that it can be perceived by people who have developed particular sensory capacities.

Hence, some believe that in a complex bio-physical equation, humans can be compared to a perfect battery that requires continually the right charge to function properly. When humans

lived outdoors, in touch with nature, the electric charge that they received were the right ones. From the moment that humans started surrounding themselves with artificial electromagnetic fields, the electric charge was placed in disequilibrium: being either too strong or too weak and non-harmonious depending on the situation. Some further believe that all living beings are regulated by bio-electric impulses and, therefore, without the magnetism that vitalizes cells, humans could not feel, think, see or even move their muscles.

Natural Electromagnetism

The electromagnetic fields present in nature are essentially of a magnetic nature produced by magnetic masses. They are subject to change because they are influenced by the Earth's variable magnetic activity and by the other multiple internal factors and events of our planet. To best understand the link between humans and the terrestrial magnetic field, it is fundamental to assimilate these concepts:

- The terrestrial magnetic field has a variable direction and intensity in space.
- The terrestrial magnetic field has a constant value in every single point in space in a particular, constant point in time; however, it is subject to variations in intensity over the long term.

It is important to note that natural magnetic fields can be modified by increasing or decreasing their intensity values through electrical fields generated by erected constructions and by man-made devices. For example, in our homes there might be electrical machines that, with the emission of their own electromagnetic fields, disturb and totally destroy certain natural magnetic fields.

Electromagnetic Pollution

Technological progress, in short order, has led us to live in a sea of human-produced electric fields, magnetic fields and electromagnetic waves. Contrary to smog, which manifests itself through the presence of odors, fumes or gray atmospheric material, electric pollution is more insidious because there is no easy signal indicating its presence. Hence, the concern that has been expressed by architects, dowsers, Baubiologists, and some healthcare specialists that the rising quantities of electromagnetic pollution may have adverse effects upon humans. However, this is a new field, and one which is not easily studied, since the biological consequences are not very well known and have just started to be studied in recent years.

It has been proven that magnetic fields can interfere with the transmission of nerve impulses in the brains of animals. Moreover, some other experiments have revealed that particular magnetic fields can alter the growth of tumor cells cultivated in vitro and can even affect embryogenesis, the delicate process of the embryo's formation.

A simple electric current of any given intensity, running on a cable or on a circuit, always generates an electromagnetic field. Consequently, the natural terrestrial electromagnetic field within the immediate distance of an electric current is affected.

Electromagnetic waves introduced by human-made devices are widespread in the environment, due to industry, telecommunications, medicine and convenience electronic

devices and consumer appliances. Because the fields produced by these systems and devices are stronger than natural radiation, they may represent a threat if absorbed by the human body.

The sources of electromagnetic waves are classified in three principal groups:

- The first are from sources of uniform diffusion such as antennas for the transmission of radio programs which some feel are more dangerous than those used for the transmission of television programs (as the transmitters for the latter employ lower strength).
- The second are from sources of a concentrated type that correspond to various radar devices for sighting, surveillance, remote control, and for surveying the environment. These sources emit strong bands of high frequency radio waves over a concentrated area where electromagnetic pollution is greater.
- The third are related to the industrial sources. There are many types of ovens for heating metals and non metallic materials, appliances used for heating and sterilization purposes and microwaves for cooking and heating (the heat is formed directly inside the food that needs to be cooked while the oven itself remains nearly cold).

In the latter case, radiation is emitted even from home appliances, of large and small scale, which industrial development has produced to make our lives much more comfortable. Some examples follow:

- In our homes: televisions, video recorders, radios, computers, dishwashers, electric appliances, electric motors in appliances, cell phones, portable phones, electric cables and connectors, fluorescent lights, wireless LANS for PCs, etc.
- In the workplace: computers, robotics, cell phones, portable phones, printers, electric cables and connectors, fluorescent lights, wireless LANS for PCs, etc. and various industrial tools and machines used in factories, hospitals offices etc.
- Outdoors: signals from the AC power grid (AC power electric stations and lines), cellular phone systems, wireless LAN systems, radio and TV signals, radar, repeaters, antennas, cables, high voltage electric wires.

The hazards which were once largely applicable primarily only to workers in specialized industries have now been extended to the everyday workplace and to the home, exposing all family members.

HISTORY OF NATURAL MAGNETS IN MEDICINE

The first scientist to think of applying the concept of magnetic fields in the realm of maintaining health was Paracelsus (Basil 1493-1541) even though as far back as 2000 BC some Chinese and Hindu texts talk about magnets and their use on the body. In the first century AD, following the discoveries by illustrious people such as Pliny and Galen, the first specific applications to treat conditions such as headaches, constipation and vision problems began to appear.

Between 1940 and 1950, doctors and scientists worldwide began an in-depth study of the beneficial effects of magnetism. The interest was prompted by the realization that many patients affected by chronic illnesses, after being medicated long-term without any improvement, responded exceptionally well to magnet therapy within weeks of being exposed to it. Their health either improved significantly or they fully recovered inexplicably. From 1958 onwards, intensive studies on the benefits of magnetism were conducted in Japan where a variety of magnetic products for maintaining health and well-being were produced in the ensuing years. The use of these magnetic products remains very popular there today and has also begun to spread worldwide.

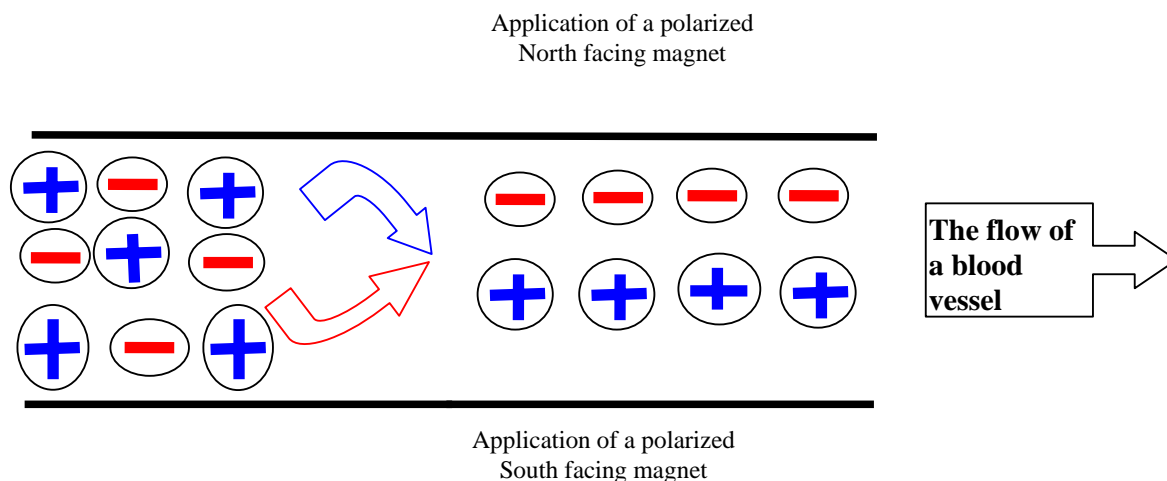
Many of the Japanese researchers believe that magnetism beneficially affects the entire body, improving the metabolism and producing greater vitality and well-being. Magnetism was shown in some Japanese studies to accelerate the regeneration of skin and bones, to improve the state of the nervous and cardiovascular system, to reduce blood viscosity, to increase tissue oxygenation and to reduce pain and inflammation.

The Use of Magnets for Therapeutic Purposes

How is it thought that magnetic therapy or magnetic applications work on the body scientifically speaking? In organic matter, as in all other types of materials, there are free electric charges (electrons) that orient themselves in such a way as to induce a magnetic field. These free charges are not particularly salient and when they have no specific alignment, they do not produce any effects. In this state, they are called depolarized because the effects produced cancel each other out.

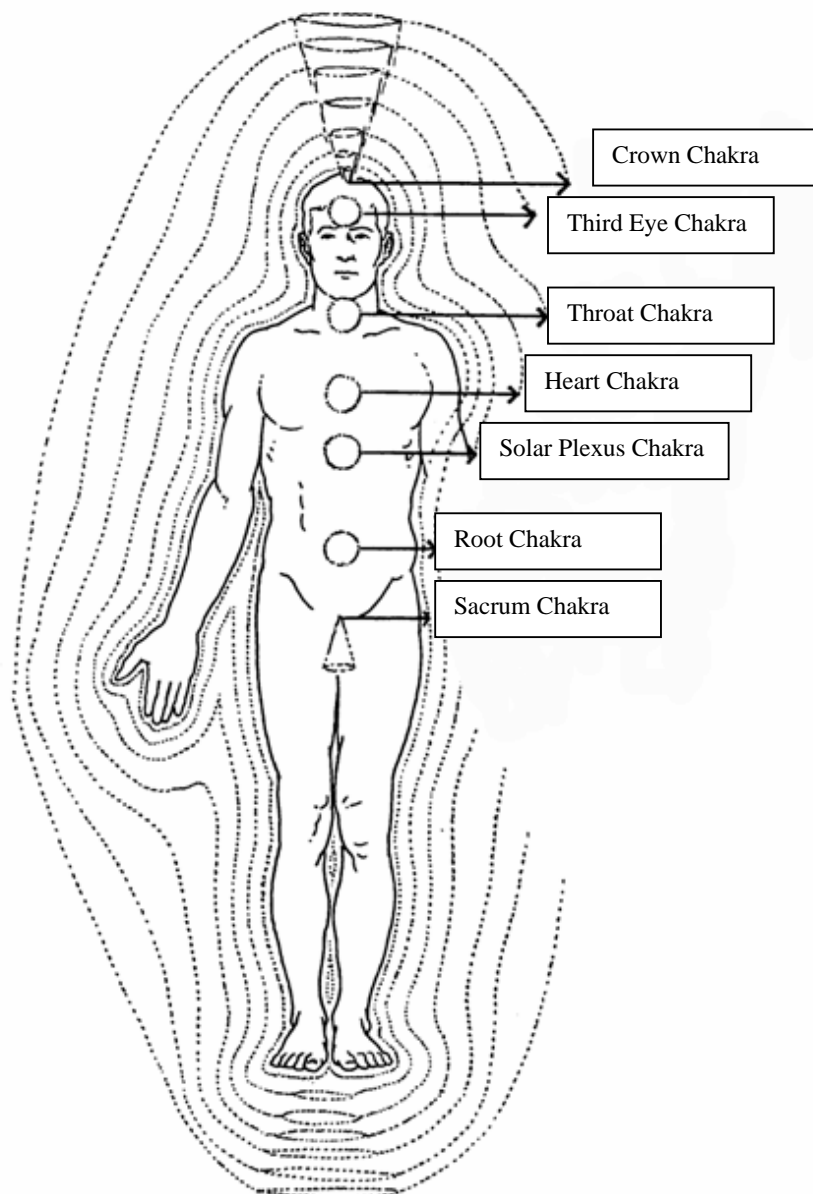
The same free charges in the presence of a magnetic field assume a specific orientation and align themselves in two polarities of opposing sign. Some believe that human beings are in a healthy condition when their cells have the correct polarization and that the presence of medical pathologies coincides with cellular depolarization.

This theory is based on the phenomenon called the Hall Effect, which works by applying a static magnetic field to a conductor, producing a potential difference on the two sides of the same conductor.



Some believe that when applying the same principle to a blood vessel, the same results are obtained. The magnetic field will force the reorganization of the polarized blood molecules, improving the flow and the circulation as well as enhancing biochemical reactions within the cells. The molecular movement induced by the static magnetic field, it is said, has positive overall health effects on the entire organism. Hence, under this premise, the purpose of magnetic therapy would be to recharge and to regenerate cells missing vital force without causing any side effects.

THE CHAKRAS AND THE AURA



Further human energy studies have cited what are known as the human chakras. The chakra is a point of intersection between various planes: there are twenty one secondary chakras near the central nervous system and seven primary chakras along the spinal chord. Every chakra places the external body in communication with the internal body and vice versa. Therefore, a proper functioning of the chakra is equivalent to a good equilibrium between body and mind.

A human's energetic field is the manifestation of universal energy intimately connected with human life. It can be described as a luminous body that surrounds and permeates the physical body emitting a characteristic radiation called the "Aura". The aura is that part of the

universal energetic body associated with individual human beings or objects. Based on observations completed so far, researchers have drawn theoretical models according to which the aura is divided in different planes that circle and permeate each other. These planes are also known as bodies. These energies become more and more subtle as one proceeds further and further away from the human body. Some people believe, in fact, to have developed the capacity to observe the bodily auras. There are, however, other techniques and exercises that enable us to perceive these energies physically and visually.

It is believed that it is possible to photograph the aura through a particular instrument called the Kirlian Camera, invented in Russia twenty years ago. The photos taken by this camera demonstrate clearly the luminescence surrounding the human body or any living biological tissue and measure the bio-radiant force or the magnetic field emitted by any given organism. Today technology – combined with continuous studies – allows for diverse uses of the Kirlian Camera. Aided with modern computer software, it is believed by some that the Kirlian Camera permits one not only to identify and to analyze energy voids, but also to recognize physical points of major pathological stress.

Emission Fields

1/70	THIRD EYE CHAKRA	INDIGO	2/73	THIRD EYE CHAKRA	INDIGO
3/72	THIRD EYE CHAKRA	INDIGO	4/71	HANDS CHAKRA	BLUE
5/75	HEART CHAKRA	GREEN	6/69	SACRUM CHAKRA	ORANGE
7/68	HEART CHAKRA	GREEN	8/67	HEART CHAKRA	GREEN
9/66	HEART CHAKRA	GREEN	10/64	ROOT CHAKRA	RED
11/63	ROOT CHAKRA	RED	12/62	ROOT CHAKRA	RED
13/61	SACRUM CHAKRA	ORANGE	14/60	CROWN CHAKRA	VIOLET
15/59	CROWN CHAKRA	VIOLET	16/58	CROWN CHAKRA	VIOLET
17/57	CROWN CHAKRA	VIOLET	18/56	CROWN CHAKRA	VIOLET
19/55	CROWN CHAKRA	VIOLET	20/54	SOLAR PLEXUS CHAKRA	YELLOW
21/52	ROOT CHAKRA	RED	22/51	SOLAR PLEXUS CHAKRA	YELLOW
23/50	SOLAR PLEXUS CHAKRA	YELLOW	24/49	HEART CHAKRA	GREEN
25/48	THIRD EYE CHAKRA	INDIGO	26/47	HEART CHAKRA	GREEN
27/46	HEART CHAKRA	GREEN	28/53	SACRUM CHAKRA	ORANGE
29/42	ROOT CHAKRA	RED	30/31	THROAT CHAKRA	BLUE
41/41	THIRD EYE CHAKRA	INDIGO	32/40	SACRUM CHAKRA	ORANGE
33	SOLAR PLEXUS CHAKRA	YELLOW	39	SACRUM CHAKRA	ORANGE
34/35	SOLAR PLEXUS CHAKRA	YELLOW	38	SACRUM CHAKRA	ORANGE
44/45	ROOT CHAKRA	RED	37/43	ROOT CHAKRA	RED

Corresponding Organs of the Human Body

1/70	MAXILLO-FACIAL	2/73	THROAT (PHARYNX)-EAR
3/72	FRONTAL NASAL	4/71	EPIDERMIS TEGUMENARIO
5/75	LUNGS-BREASTS	6/69	INTESTINES-DIAGHPHRAM
7/68	HEART	8/67	HEART-CIRCULATION
9/66	HEART-VEINS	10/64	GENITAL ORGANS
11/63	GENITAL ORGANS	12/62	ADRENAL GLANDS
13/61	PANCREAS-LIVER	14/60	THYMUS GLAND
15/59	THYROID	16/58	PARATHYROID GLAND-MINERAL SALTS
17/57	PITUITARY GLAND	18/56	PNEAL BODY
19/55	HYPOTHALAMUS	20/54	STRESS
21/52	LEG-FOOT-BONE	22/51	LIVER-SPLEEN-PANCREAS
23/50	STOMACH	24/49	CHEST (THORAX)
25/48	HEAD-EYES	26/47	PERIPHERAL CIRCULATION
27/46	BLOOD CIRCULATION	28/53	KIDNEYS
29/42	SPINAL CORD	30/31	CERVICAL-SPINAL MARROW
41/41	EAR-VESTIBULE	32/40	INTESTINES
33	LARGE INTESTINES-ANAL	39	LARGE INTESTINES
34/35	COLUMN-RECTUM	38	APPENDIX
44/45	COCCYX-RADICAL LOIN	37/43	LUMBAR-ARTICULATION

GEOPATHOLOGIES AND GEO-BIOLOGICAL PHENOMENA

“Our planet is a real magnetic comet that rotates around itself and moves within the universe. These movements are associated with magnetic and the electric induction phenomena, be they on land, in the oceans, in the atmosphere and in the higher strata. These phenomena feed a complex system of charges and moving particles which are all strongly related to one another. Due to this interdependence, our vital space is immersed in a field of natural radiation. (Remi Alexandre, Geo-biology, 1983)

“Already in 2000 A.C. the Chinese emperor, Kuaung Yu, issued an edict that obliged people to examine the lot they were to build upon in order to detect underground water streams the influence of which is deleterious to health”. (Karl Ernst Lotz, La Casa Bioecologica, 1975)

One of the main natural causes of changes in human psychophysical equilibrium is due to the negative effects of natural telluric origin that living organisms can experience based on the site on which they live. These resultant pathologies are defined as geo-pathologies. In order to undertake the analysis of geo-pathologies in a coherent way, a specific discipline has been developed that studies the interaction between the geophysical characteristics of a specific place and the health of living organisms that live there. Numerous scholars (doctors, feng shui experts, baubiologists, toxicologists, traditional biologists, geologists, and electrical engineers) have investigated the existing relation between the onset of determined health conditions and determined geo-pathological areas, giving rise to the discipline of Geo-biology.

Telluric Currents

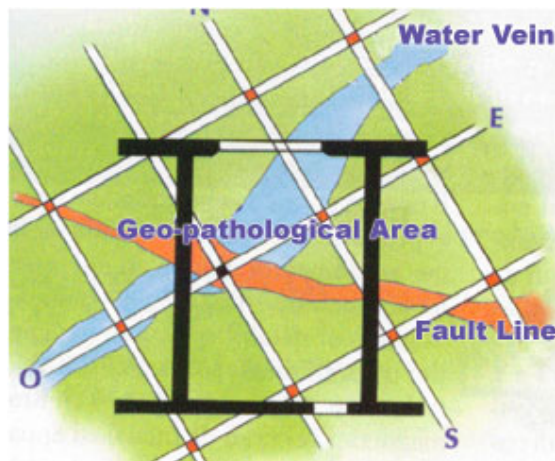
There exists in nature a particular negative influence linked to underground water streams, fault lines, cracks, and geologic bends that determines so-called telluric currents. Already in ancient times, humans were aware of and knew of these terrestrial radiations. Four thousand years ago, the Chinese were not allowed to build over “the dragons’ veins” as the affected zones were called. Egyptians and Romans would let herds of sheep graze in pastures for a length of time and then would examine the sheep’s intestines to decide whether the area was clear of hazards and safe to build dwellings upon. The correlation between environment and health was taken seriously as the ancients had a more acute sensitivity towards nature than does the modern urban human being. Today, animals still practice the same principle when searching for shelter.

Telluric currents, according to the most accredited theories, are weak electric currents awakened due to movements of masses of rocks underneath the earth’s crust – created due to the rotation of the Earth. Even the movement of magma – a good conductor – can cause electromagnetic forces. These phenomena, with a charge comparable to those of a live battery, can provoke general dysfunction within the organism.

Doctor Hartmann has studied telluric waves and has identified an existing network that affects the entire globe, from the ground through to dwellings and even rising through to the biosphere. According to this theory, telluric waves present themselves as a set of invisible walls forming a network of fixed dimensions that extends over the entire planet.

The network is oriented according to magnetic polarities. In north-south direction, there is an invisible wall every 2 meters and in the east-west direction, there is one every 2.5 meters.

Between these geometric lines, there exists a neutral space free of disturbances. The nodes in this network can be hazardous from a physiological point of view. The bombardment caused by the radiation that accumulates in the knots is enough to upset the organs of living beings exposed to these radiations within a short period of time. Chronic and acute disturbances or illnesses can develop principally in relation to the positioning of our beds where we spend nearly a third of our lives practically motionless. (Hartmann E., 1976)



Doctor Hartmann has done thousands of measures on skin resistivity (the skin's opposition to penetration by micro-currents) on individuals placed in pathogenically sensitive zones and individuals placed in zones believed to be neutral. The results collected from georhythmograms show an increase of this resistivity in relation to pathogenic zones. Doctor Hartmann's experience and results gathered from research in geo-biology demonstrate that geo-biological anomalies such as underground water streams and fault lines are much more hazardous when in natural overlap with the global network of telluric nodes described above.

Other scholars of geo-pathologies, in the past, have also studied the influence of underground water streams in the development of cancerous illnesses. Studies completed by Doctor Hager in the thirties have revealed a correlation between the two. The experience of Doctor Picard also proves important as regards geo-pathological nodes. Doctor Picard, while studying the health problems of people living in a building, discovered a continuous occurrence of significant coincidences. The people that had been sleeping in the same position on different floors in the building displayed disturbances in the same organs. Geo-biological surveys then revealed the presence of geo-pathogenic nodes and geologic anomalies exactly underneath the spot that the corresponding affected organ was resting on.

Long periods of time spent resting on these areas can cause serious problems and illnesses, ones that carry unknown consequences. An increased frequency in heartbeat, blood modification (particularly of the red cells), and an alteration of PH have been noticed. It is true that the perturbing effects differ from person to person, but the first symptoms that serve as warning signs are typically exhaustion, insomnia, headaches, and nervous disturbances. Already existing illnesses also heal less rapidly.

Is it Possible to Locate Geo-pathogenic Areas?

In ancient times, searching for geo-pathogenic areas was a task carried out by skilled intuitive individuals because humans are able to perceive such environmental impulses better than any other technical apparatus. Today, due to a highly urbanized and artificial environment, human sensitivity and perception is much reduced.

Dowsing is the sensorial ability to capture terrestrial vibrations that was well practiced in the past and is now returning into vogue. Today in bio-construction and in repairing infrastructure, special apparatuses such as geo-magnetometers and galvanometers are used to detect the presence of electromagnetic fields and to measure their intensity. However, as a first measure, we can always fall back on finding an indication of geo-pathogenic zones by observing animal and faunal behaviour around geo-pathological areas.

Most animals instinctively steer clear of geo-pathological areas. Birds' nests are never built over them and dogs accurately avoid the geo-pathogenic zones even if they are located in a cozy place. Cats, contrary to dogs, choose to rest on places with vibrations. In fact cats love radiation and are particularly attracted to Hartmann nodes. Plants are also very sensitive to geo-pathology and, as such, trees planted in disturbed areas demonstrate enrouting and growth difficulties and are prone to fungi and parasites. Often to avoid the threat, the plant grows sideways, seeking more suitable areas. Within the house it is worth observing plants' behaviour as well. Certainly it is not rare to watch a plant drying out despite the care it is being shown. Then, when it is moved to another place, it might suddenly recover without a reason. It is not only a matter of having a green thumb, but also a matter of being exposed to the proper radiation.

High disturbances can be triggered by other factors as well. For example, over strong streams of water or fault lines, cracks and fissures on building walls can be observed. These cracks, generally appearing vertically, are created by continuous microcosmic vibrations present in the disturbed area. Even wet spots, which extend upright and do not dry fast after rain stops, signal an underground water presence that is manifesting itself. These are signs of an anomalous situation.

One should keep in mind that the effects of anomalous radiation increase with the length of time that we spend immersed in it. Such places are the living room, the den, the office and above all the bedroom where we spend a lot of time resting in the same geological area. If one cannot fall asleep promptly, then it just might be that the bed is not positioned properly. Sometimes, while sleeping, we tend to toss around looking for another more comfortable spot. This can be due to our body's natural instinct to search for a less disturbed area. This type of sensitivity is particularly present in children's bodies, thus sometimes making their sleep very restless.

FIMASTARS PRODUCTS

Fimastars has directed the application of bio-magnetism towards human health by creating a complete line of products that express their natural properties and act on the body on a physical and energetic level. Fimastars has patented a method of binding primary material properties with natural bio-magnetics thereby making each product in its collection extraordinarily effective in its scope. For further information on Fimastars products, please consult the Fimastars America website at www.FimastarsAmerica.com. Following is a list of Fimastars Products:

Water Energization

Kydos
KydosLive

Body Balance

Magnetic Patches
Magnetized Oil
Arnica Gel
Leg Gel
Relax Multiuse
Bio Vital
Bio Cup

Magnetic Beauty

I Preziosi Duo Liftcream & Liftserum
Plankton Facial Wash
Q10 Anti-wrinkle Cream
Monoi Hand Cream
Monoi Satin Drops
Shaving Gel with Fruit Acids
Aftershave with Fruit Acids

Magnetic Cooking

Ministars Cookset
Fimastars Cookset
Superstars Cookset

Dynamic Sleep

Ergo Biostar (ergonomic mattress)
Magnetic Biostar (magnetic mattress cover)
Dinamic Geobed (mattress support & electromagnetic dissipater)
Magnetic Relax Star (magnetic cushion)
Merino Star (summer blanket)
Merino Double Star (winter blanket)