

basis of life. MRI's are based on the fact that the water in different tissues, such as bone versus muscle vs. liver vs. tumor, has different physical characteristics. It is highly likely that water can receive, and retain, some characteristics of chemical compounds that have been dissolved in it, even when the original chemical is gone. This is the basis of homeopathy. Some scientists have demonstrated the ability of water to change its characteristics in response to human feelings, thought or intention. It may be that life is also based on water because it has a unique ability to receive and utilize this life-force energy, or Morphic Field.

Most religions use special water, or wine (a combination of water and alcohol) for religious ceremonies. It may be that such special fluids facilitate a change in one's State of Consciousness, or convey other information.

Creativity, Morphic Fields and Energy

Since Morphic Fields explain persistence and communication of information, they don't fully explain creativity, or new information. However, since Quantum Physics suggests that we are all connected, on some level, then separation of time, space and spirit does not really exist (again an age-old conclusion). Therefore, anything that is "created" or "dis-covered" was already there on some level, and we are all tapping into some greater Source. Creative artists and scientists "see things differently" which may reflect a special ability to resonate with fields outside that of society.

Conclusions; Back to Religion and Science

If one accepts the proposition that these fields exist and that they have the huge potential suggested, then phenomenon such as prayer, consciousness and spirit should be moved from the religious ledger to the scientific one. But then is there still a role for religion? The answer is a resounding yes. Most of the greatest scientists in history have been profoundly religious, since they realized that despite the power of the human intellect, there are questions that have defied, and will always defy, human explanation. Even when Energy Medicine becomes accepted, there will exist unanswered questions.

History is filled with the arrogance of both religious and scientific fervor. Current scientific pursuits of genetics, defining regions of chromosomes not yet understood as "junk" is a very dangerous and narrow-minded approach. Religious arrogance has often denied truths, delayed progress, and perpetuated harmful concepts across generations. It is our duty to pursue truth in both the scientific and religious realms.

Role of Energy Medicine modalities such as Acupuncture, Homeopathy, NMT, Yoga and others

If one considers the information discussed above, these modalities take on a new spin. While they may work via the classic mechanisms offered (mechanical, biomolecular, neurophysiological, qi or prana energy), this information suggests additional layers. These may include the intent of the healer, and the "tuning" of the patient from one mode of reception and transduction to another. "Dis-ease" may be "out-of-tune" in not just a metaphorical sense. Methods that purify the mind (such as meditation), body-mind (yoga, tai chi, homeopathy, NMT), and/or spirit, (religious, philosophical, artistic and emotional pursuits), may enhance one's ability to receive and transmit such energies. The "talent" of the healer may not only involve technical ability or knowledge, but the ability to resonate with the patient and other informational fields. Practitioners who believe in Energy Medicine also have the obligation to improve themselves, and their resonance with these fields. So goes the old adage, "Healer Heal Thyself".

For Further Reading, please see our Resource List.

For More Information and Medical Consultation please call 610-239-9901.

Energy Field Medicine, Michael Cheikin MD

Energy Field Medicine:

Acupuncture &
Auriculotherapy
(Ear Acupuncture)

Homeopathy

NeuroModulation
Technique

Yoga

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IMPORTANT NOTICE:

The material contained in this booklet is for general information only, and may not apply to individual needs. This material will not modify, replace, substitute for, or comment upon standard medical care. The user is required to review these contents with his/her health care practitioner(s) before and during use.

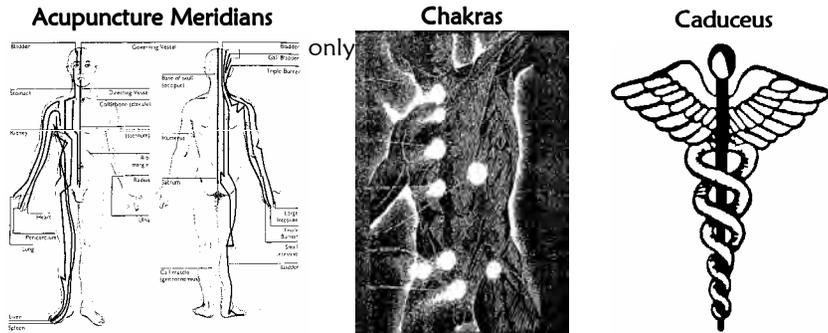
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Introduction

This brochure will describe a very exciting series of scientific discoveries and therapies that potentially have the power to prevent, diagnose and heal many conditions for which traditional medicine only offers limited help.

“Energy” in Eastern Medicine

Chinese and Indian Medicine, over 5000 years old, have utilized the concept of “energy” since their inception, the Chinese calling it chi or qi, and the Indians calling it prana. Both systems believe that “dis-ease” is due to a blocking of flow of energy along specific pathways and describe a detailed “energy physiology”. One symbol for modern medicine, the Caduceus, is in part based on the chakras. Western medicine, while attempting to understand this energy, such as acupuncture meridians, has so far been unsuccessful. Oschman (see Resource List) has suggested these pathways represent fields of electromagnetic energy. Indeed, the heart not



produces a “pulse” of blood, but also of electric and magnetic field, that may have significant though subtle effects on the health of the body.

Classic Physics: Fields, Force, Energy and Power

Classical physics, discovered by pioneers such as Galileo, Newton and Maxwell explains that there are many types of fields, and hence many types of forces and energy. Different types of energy can be changed, or transduced, into another. For example, the gravitational energy of water falling or the solar energy of the sun can be transduced into electrical energy. Power is defined as the amount of energy that is produced in a unit of time.

Science has clarified the relationship between some of these forms of energy, but not others. For example, electrons moving through an electrical field generate a magnetic field around them. However, how other fields work, such as gravitation, are not fully explained. On some intuitive level, they have to connect with each other. Einstein spent much of his career searching for this “unified” field, from which all others are derived.

It is likely that there are other fields and energies in the Universe. One of these might be a “life force”. While these ideas might seem strange, just 400 years ago the idea that the earth circled the sun placed Galileo in jail for much of his life, and 100 years ago, the idea of bacteria, and washing hands, was a strange concept. In this century, a teacher went on trial for teaching about Darwin’s theory of evolution. Today’s scientific observations that acupuncture, prayer and meditation can influence health seem strange only because we have been taught otherwise our entire lives.

Modern Physics

Einstein, in the early 1900’s, through a series of “thought experiments”

Russia, it was heresy to argue against the inheritance of acquired characteristics, just as arguing against Darwinian inheritance in our society is deemed unscientific.

Identical Twins. Even when separated at birth, twins show the uncanny characteristics of sharing preferences, traits and even dreams. It may be that due to their similarities, they “resonate” with each other and share these experiences.

Books, Music and Art. Both fictional and non-fictional writing, and works of music and art, may create our experience by placing us in tune not only with the author, but with all others who have experienced that work over time. The power of classical works may in part be due to the huge resonance over centuries associated with that work.

Double Blind Placebo Controlled Studies We know that if the scientist or the subject knows whether one is receiving a true medicine or a placebo, the effect of that knowledge will affect the results of an experiment. How does such knowledge create it’s affect? Somehow, the thoughts of the scientist, the subject, or both, can simulate the effects of the drug without the actual administration of that drug. If both are blind to that knowledge, then, theoretically, the effect of the drug or placebo can be studied without the effect of “mind”. However, the drug, and placebo have different chemical structures which are known to the scientist, even if blinded. There is therefore a potential resonance between that chemical structure and the thought in the scientist’s mind of that structure. So it is possible that supposedly objective studies still have a subjective quality. The more a drug is believed to work, and the more it works, the more it has the potential to work going forward. This is not to say that anything can cure anything; but in cases where chemical reactions are more susceptible to such other forces, such forces may take on a larger role. For example, Morphic fields may not greatly influence the ability of antibiotics to help with a pneumonia, but may do so with middle ear infections, where the totality of the situation is different (the bacterial role is less defined). As another example, with hormones, they may be particularly susceptible to other fields, as their interactions with various receptors and other environmental factors may be influenced by such fields.

States of Consciousness, Hypnosis and Dreaming

The word “State”, when referring to consciousness, remains a mystery. While there are some tools that can “measure” our state of consciousness, such as being asleep or dreaming, most aspects of consciousness, such as the hypnotic state, cannot be measured or explained scientifically. It is possible that when we change states, we are somehow changing the frequency of our Morphic Fields, like changing the channel on a TV. Each “channel” has different characteristics, strengths and weaknesses. Some psychologists like Howard Gardner talk about “multiple intelligences”. It seems that each State brings with it a different style of perception and intelligence. The number of States that we have available, and how accurately we enter and stay in each State, can define certain abilities, and who we are. If (and when) we develop the technology to measure these States of mind, this technology will probably also be able to measure some aspect of these Morphic Fields.

We all have the experience of being of many minds. Part of the human experience is the contradictory nature of human behavior—saying one thing, wanting another, and doing a third. It may be that these field influences and changes of state literally “change our minds” from moment to moment, from hour to hour, from year to year. Exploration of this work not only can be empowering on an individual level, but on a community and world level.

Special Properties of Water

Water has properties different from many chemicals which is why it is the

species, on the other side of the planet is taught two new tasks, by scientists blind to which one task has been taught previously. The rate of learning of the two new tasks is measured. The task that has been previously taught is learned at a faster rate.

Two new chemical compounds are synthesized in New York. One of the two is crystallized over and over again. Each time it occurs faster. The second compound is crystallized only once. Then, in England, each compound is crystallized for the “first” time, with the rate of crystallization measured. The one that was crystallized in NY multiple times crystallizes faster in England!

In summary, the more similar two entities are, the more they resonate together, even if separated by space (and time).

Mysteries Explained by Morphic Fields

Fetal development and limb regeneration—can easily be explained by the existence of fields of shape that guide such development. The fact that the fetus must go through a mini-evolution, including gills and tails, suggests that memory of prior experience is contained within these fields;

Certain Animal Group Behaviors—the way groups of fish or birds move without crashing, spiders weave their webs, and other complex behavior are easily explained by fields that connect members of the species across space and time;

Consistency of Human Signature across sizes—if one makes a small signature on an index card, and a very large one on a blackboard, they will have the same shape, despite the fact that the two tasks require completely different sets of muscles. Most specific muscle tasks require extensive practice, such as gymnastics on a balance beam. This reproduction of shape despite the change of motor pattern suggests a governing field;

Effect of Prayer—there are studies that prove in a scientifically rigorous way (“double blind”) that a group of people praying can affect the health of a subject. This effect is not bound by space; it can be equally effective at a distance;

The Placebo Effect—the intent of the healer and patient can affect outcome in a very powerful way. Currently, the placebo affect is perceived as an obstacle to scientific progress, since it can confound experiments. In the future, we will learn to utilize this effect to its maximum benefit. What if the most powerful drugs could be administered mentally and therefore avoid the side effects and the cost! (the drug companies would love this!)

Hypnotic Feats—in the hypnotic state, people can instantaneously access abilities that they never before used or practiced. These feats can be physical, mental, and creative. There is lots of documented evidence of this effect. The hypnotic State remains a mystery, and is only one of many States that allows one’s potential to be realized (see below on States of Consciousness).

Idiot Savants—who demonstrate truly mysterious abilities, such as playing complex piano pieces by ear without practice, not only requiring auditory processing but amazing motor skills! As their minds “tune” into a special Source, it seems that their minds cannot tune into “regular” social and cognitive skills/fields, which explains the “idiot” part.

Additional Implications of Morphic Fields

Self-resonance. Our individual memories and habits may be due to our own resonance with ourselves.

Family Histories and Inheritance. The tendency for families to share characteristics may be due to resonance of fields in addition to, genetic inheritance. The passing on of “acquired characteristics”, behaviors, or certain memories may occur from one generation to the next through the influence of fields. This type of inheritance, called Lamarckian Inheritance, was popular until the time of Darwin. In

discovered his famous equation, $e=mc^2$ showing that matter and energy are made of the same “stuff”. This discovery was revolutionary in its implications:

1) Since everything, including matter, is made of energy, then human consciousness can be described as “energy becoming aware of itself”. It therefore suggests that our consciousness is “one” with all of the universe.

2) As we “zoom in” on molecules, then atoms, then electrons and other sub-atomic particles, at a certain level all we see is space and waves of energy or information. Therefore, while on one level we are solid beings, on another level we are just waves of energy in mostly empty space!

3) Time and space are in some way interchangeable and relative (the “theory of relativity”)—that under certain conditions, time can go slower, and objects such as electrons (?consciousness too?) can “exist” in several places at the same time!

4) All these conclusions were postulated by the Indians—both the Asian Indian cultures of thousands of years ago, as well as American Indians. These cultures talk of everything being endowed with “spirit”, that all things are connected, and that there is a connection between things of today with those of yesterday and tomorrow (i.e. time is relative).

5) If gravitational attraction occurs at the speed of light, then this implies a communication between two attracted objects faster than the speed of light. Indeed recent experiments have demonstrated that information can travel faster than the speed of light, which suggests that even Einstein’s theories need upgrades!

Waves and Resonance

Light, sound and other forms of energy travel in waves. Waves have the characteristic of frequency (how fast they oscillate) and amplitude (height). One object generating waves, such as sound, can cause another object to oscillate if the second is “tuned” to that frequency. For example, the phenomenon of a crystal glass breaking when a certain note is sung is due to the glass “resonating”, at that frequency, which means that it absorbs the energy contained in the wave. When we tune a radio, we are causing a resonance between the radio’s circuits and the specific frequency of the station in which we are interested. Just as important, the radio is not resonating with all the other frequencies that are in the airwaves.

The TV Analogy

When one receives a broadcast on a TV, the sounds and images that are produced by the machine is not the creator of the image. The TV converts (transduces) these electromagnetic waves (energy) into images and sounds. If one destroys the TV, it does not negate the existence of these TV waves. If the TV is improperly tuned, the images or sounds may be distorted, but it does not mean that the waves themselves are distorted. If one part of the TV is broken, one might only receive the sounds or the images but not both. Again this does not mean that the TV is creating or negating the different parts of the signal, it’s just that it can’t receive the entire signal.

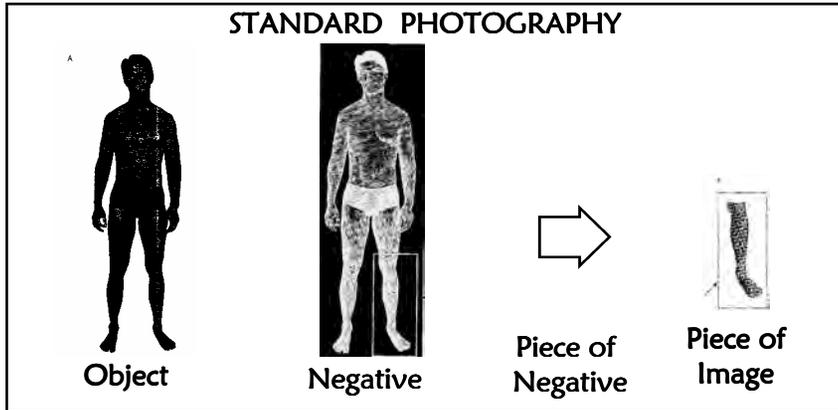
Likewise, the question of whether the brain is the creator or receiver of mind is an age-old philosophical issue. Recent theories of “Morphic Fields” (see below) suggests that, at least in part, mind is externally derived. However, since we all have uniqueness as receivers and transducers of mind, we do not receive the fields in exactly the same way. At any moment, we are surrounded by an infinite number of fields; how we integrate such a symphony of fields defines in many ways who we are as individuals in mental, chemical and other manifestations.

In addition, if our “antenna” is bent, broken or improperly aimed, we may not receive as pure a signal as is our potential. Thus, methodologies that purify our minds, bodies and spirits enable us to better receive these energies, and thus improve our health and creativity.

Holograms: All is Represented in One

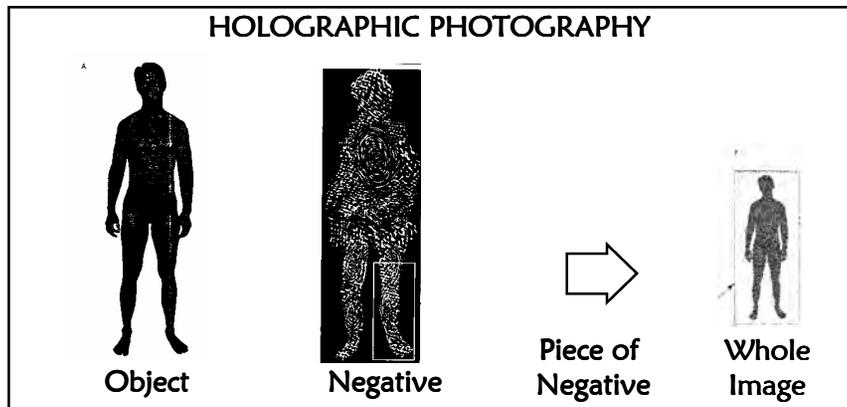
Most of us know of holograms as three-dimensional images that seem to move. However, even more important, holograms are special types of waves that prove that “all can be represented by one”.

With holographic photography, instead of regular light, a laser is used. The result of the holographic process is a holographic negative. When a laser is focused



through this negative, it creates a three-dimensional image of the original object.

However, if one cuts off the lower right leg portion of this negative, and shines a laser at it, what is created is not just the right leg (which would be the case with standard photography), but the whole image! Any one piece of the negative



can recreate the whole image. And so, if someone were to ask you where on the holographic negative the right leg was located, the correct answer would be “everywhere and nowhere”.

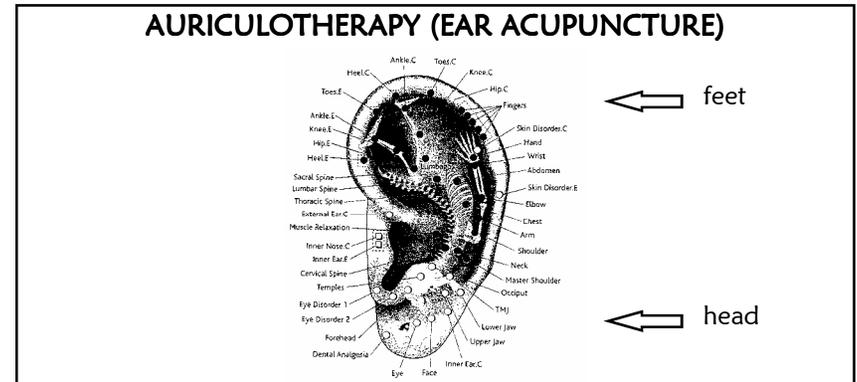
Memory has the same features as the holographic negative. Decades of scientific experiment have failed to demonstrate that memories are stored in any one location. Animals were trained in different tasks, and then various regions of the brain were removed, or disconnected, or stimulated, etc. In all cases, to the frustration of the scientists, they found that memories persisted, and could not be located in any one place in the brain. In conclusion, the scientist Karl Pribram proposed “the holographic model of memory”, in which memory is spread over

the entire brain, and therefore exists everywhere and nowhere. We know that neurons change, but there is no single neuron, or change, that “translates” into a specific memory. We will continue this discussion of memory below when we describe “Morphic Fields”.

There are many more biological examples of holographic phenomena, such as the fact that the DNA to re-create our whole body is contained in each cell. Why certain cells create just a leg, or an arm, when they have the information to create everything, remains a mystery. Regarding fetal development, while we know about the “building materials”—the DNA, proteins and cells, we still don’t know where the blueprint is stored! More on this below.

This holographic philosophy has existed in different forms for many millennia. For example the concepts of the “macrocosm and microcosm”, that there is a relationship between man and the universe (upon which astrology is based), is really a holographic idea. In ear acupuncture (“auriculotherapy”) and foot reflexology, the whole body is can be treated via the ear or foot. Some of this work has been subjected to objective study with demonstrated effect.

Like memory, “mind” cannot be localized in any one part of our brain or body, but seems to exist everywhere and nowhere. The “everywhere” aspect of the minds may explain a resonance with other minds, called by some “group psychology”, by others “the collective unconscious”.



Morphic Fields and Morphic Resonance

Over the last two decades, a theory of “Morphogenic Fields” (called “Morphic Fields” for short) and Morphic Resonance has been advanced by theorists such as Rupert Sheldrake. “Morphic” means “shape”, and thus this theory suggests that shapes and patterns, including those of mind, are transmitted via fields across space and time, similar to other fields such as gravity or electromagnetism. These fields of shape are proposed as explanation for elusive scientific observations, including fetal development, ability of some creatures to regenerate limbs and eyes, memory (as discussed above) and crystallization of new chemical compounds. It has been observed that the first time a new compound is synthesized, it is very difficult to crystallize. However, as it is crystallized more and more, it becomes easier to crystallize.

Proving the Existence of Morphic Fields

There have been contests to design experiments to prove the existence of Morphic fields. Experiments such as these have validated the existence of Morphic fields:

A group of animals is taught a new task. A different group of the same