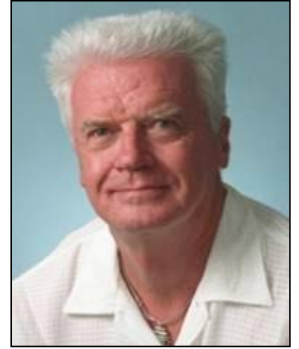


# The Science Behind NES

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To use NES Health WellNES systems successfully, it is not necessary to have an in-depth understanding of all the science, no more than you need to know exactly how an engine works in order to drive a car. But you do need to understand the basic principles so you can explain them to clients to help them have confidence in the System and be motivated to persevere with their therapy.

NES Systems is based on an extensive and growing body of scientific enquiry by some of the leading minds of the past hundred years, especially research conducted by Peter Fraser of NES Health. For over thirty years Peter devoted himself to developing a model of the Human Body-Field (HBF) that integrates all the known phenomena associated with the body – biochemistry, electrical and magnetic fields, atoms and subatomic particles, emotions and mental processes, and so on.

Fraser discovered that all biochemical and energetic activity within complex organisms is regulated by a unifying field. The most significant step was to link biological processes with the insights of quantum physics --- the study of the atoms and subatomic particles that form the building blocks of which matter is made. He researched the laws that describe how these minute bodies exist and interact and applied them to biological entities; hence the fascinating new science of quantum biology or biophysics was born.

## Biophysics and Biochemistry

Biophysics is concerned with the subtle energetics of information that accompanies physical activity. It incorporates the model of biochemistry, meridians and electromagnetic fields, and suggests a unifying principle that links all these together.

Biochemistry is the dominant paradigm today in trying to explain the process of life; indeed, it has allowed doctors to successfully treat a wide range of health conditions. However, ancient health practices such as acupuncture and Ayurvedic medicine, and the recent discoveries of quantum biology, demonstrate that there is much more to life processes than can be explained by biochemistry alone. A growing number of biochemical researchers admit that the deeper they delve into the workings of human chemistry, the less they seem to understand. There are too many unexplained phenomena and a growing awareness that something is lacking in the biochemical model, as clearly demonstrated by the poor recovery rate of people suffering from a wide range of chronic health conditions.

For many years, researchers have observed that biochemical processes are accompanied by energetic phenomena which do not fit into the traditional biochemical model. The successful use of acupuncture, kinesiology, iridology, homeopathy and flower essences etc. all suggest that living organisms are far more than the sum of their physical and chemical parts and that there is an interconnectedness between living organisms and the universe as a whole.

There is now a huge body of evidence that biochemistry offers only a partial explanation of the function of complex life forms. We now see – crucially – that chemistry, and thus biochemistry, is also governed by the laws of quantum physics.

## The Human Body-Field (HBF)

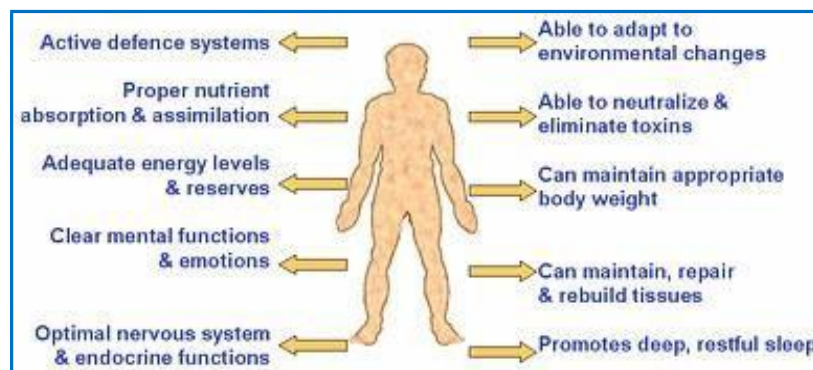
The HBF is crucial to this new understanding. It forms the intelligent, self-organizing, energetic structure that acts as a master control mechanism for all body functions, including chemical reactions, movements of Qi<sup>1</sup>, emotions, mental abilities, coordination, and so on. Left purely to chance, the likelihood of everything working in a harmonious and coordinated fashion, let alone forming a conscious being, is virtually nil.

The HBF can be likened to the managing director of the body's operations. Just as a director is dependent on the workforce to carry out his directions, the HBF is dependent on the body's physical chemistry for its existence. Where there is a chemical reaction, there is also an energetic reaction. Without chemical reactions, there would be no Body-Field, and without a Body-Field, the chemical reactions would be disorganized, and chaos would reign.

The HBF plays a vital role in maintaining health and homeostasis, and enabling the body to adapt to the environment. It supports healthy cell function by providing an environment where cells can work effectively. If the HBF is compromised, cellular activity is adversely affected. Some of the advantages of a healthy Body-Field are outlined overleaf.

The HBF is formed from a number of building blocks, including:

- Source energy, the prime catalytic energy for energetic activity in the body.
- Photons, which transfer and carry information between atoms, molecules, cells and organs.
- Energetic Drivers, which energize the HBF, allowing it to do its job.
- Energetic Integrators, which regulate the information transfer process and oversee body regulation processes.



<sup>1</sup> In Traditional Chinese Medicine (TCM), Qi or chi is the vital energy that flows in the body.

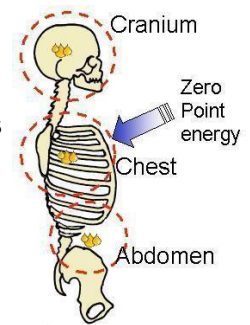
## Advantages of a Healthy HBF

The key to all life processes is information transfer. Information determines the actions of atoms, cells, tissues, organs and emotions etc. In essence, the HBF forms a 'route map' for information transfer in the body. It ensures that the right information flows to the right place, at the right time, and in the correct way. Cells need to know what they should be doing and what their neighbors are doing; organ functions need to be coordinated along with all other activities in the body. There are literally millions of processes, which biochemical control mechanisms alone cannot fully explain.

## Energy: Carbohydrates vs. Source and Cavities

From a biochemical perspective, energy is provided to the body through the carbohydrate (sugar) content of food. Carbohydrates are broken down into various forms, and energy is released along with carbon dioxide. This energy is used to power cellular activity and metabolism.

Biophysics introduces another perspective to energy storage and production: the notion of 'Source' energy. Source Energy is the prime catalyst for all chemical and energetic activity in the body, and the resource for all our energy needs. If the Source is strong, we have adequate energy; if weak, we experience fatigue. The shocks and traumas of life cause Source to be depleted over time.



Although we inherit a degree of Source energy, we also gather and accumulate it within the body cavities and use it up in daily activities. The cavities act as 'tuned receptors' that are able to receive and store energy from the environment.

'Source' is the first of the Energetic Drivers. It is used by the HBF to activate the other Drivers. It effectively initiates cellular activity and thus all activity in the body. Source energy is also vital for energizing the virtual information---transfer process, and is the catalyst for carbohydrate energy release (the body cannot live off Source energy alone; most of us also need carbohydrates).

In summary, we need both a gross energetic source (carbohydrates) to power physical processes and also a subtle aspect (Source) to activate the physical and energize the subtle.

## The Energetic Drivers (EDs)

In order for the HBF to act as an overall coordinator of physical, chemical, neural and energetic activity within the body, it must be energized. The HBF is like a light bulb in this respect: without power, the light bulb cannot shine. Likewise, the Body-Field requires an energy source, in this case a large number of sources to energize it and allow it to function.

Biophysics shows that activity involving chemical reactions, electrical impulses, ionic waves, low frequency sounds, thermal transfer, magnetic effects, and physical movements within tissue generates a field energy known as a 'Driver' field. These Driver Fields center around 16 major body organ systems known as the Energetic Drivers. A scan reports on the energetic state of these ED fields.

The combination of the Energetic Driver fields energizes the whole HBF. If any one ED is under-functioning, both the tissue activity that forms it and the HBF balance as a whole may be degraded. The integrity of the Driver fields can be compromised by physical and energetic issues, including emotional stress, toxins and any form of shock or trauma.

The ED Infoceuticals have been designed to correct Driver issues, restoring their integrity and thus ensure the HBF is properly energized. It is also worth noting that each ED is associated with the formation (maturation) of specific body cells, particularly the immune system cells, thus the EDs also play an important part in maintaining the immune system function.

## Information Exchange

The key to understanding how biophysical control systems work is the concept of information exchange. Body mechanisms require information in order to function. Take the heart, for example. The heart needs to know how fast to pump in order to adequately supply oxygenated blood to the body. When exercising, the heart must be constantly informed about when to beat faster and when to slow down. If the information is incorrect and it beats too quickly at night, sleep becomes difficult. Heart rate is controlled by known physiological and biochemical mechanisms, but ultimately it is information that tells the heart how fast to beat. The nervous system and endocrine system are perhaps closest in their physiology to purely information-based systems, and they control most of our body activity. However, there is also an energetic component to their actions - the energy of information. The physical, chemical anatomy provides a conduit for these virtual energy transfers, and the subtle energies provide the instructions for the physical to perform its work. There is an interrelationship; the physical is only half of the equation.

A scan detects incorrect information; Infoceuticals return the information to its corrected state.

### The Ticket Analogy

To help understand information further, consider this analogy:

In order to travel on a train, you need a ticket. The ticket is made from card, and ink is printed onto its surface. Without the physical structure, the ticket could not exist; you cannot have words floating in space.

Without the words on the ticket, it is simply a piece of card with no meaning. The information carried on the ticket (destination, date, etc.) is a non-physical aspect to the ticket and gives it its usable function. The meaning of the information on the ticket is determined by interpreting the words on the ticket.

- Both the physical form and subtle information are required to form the ticket.
- Both are equally important and interdependent. In the human body, the body structure and chemistry is like the physical ticket. The meaning and function of the physical body is governed by the subtle information that is carried within it.

Continuing with the ticket analogy, if the words on the ticket cannot be deciphered, then the ticket has no function. If the ticket contains Chinese characters, for instance, and the ticket inspector cannot read Chinese, you will not be able to travel on the train despite



the presence of the information. Moreover, if the characters on the ticket show it to be out of date, it is no longer valid.

For the ticket to be of value, both the physical part (real) and the information part (virtual) must be present, in usable form, and correct. They are mutually dependent. By interpreting the meaning of the information on the ticket, the ticket as a whole is given the energy to perform its function.

To illustrate the limitations of the biochemical model, consider analyzing the chemical make-up of the ticket. This will reveal what it is made from, but the information it is carrying can never be revealed in this way. With information, we are adding another dimension, that of biophysics, which completes the model.

The money that bought the ticket is also a subtle information-carrying process. The printed information on the banknote has a profound influence on its meaning and value. The ticket's elements can be likened to many aspects of the body. Take the nervous system, for instance. There is a physical/chemical presence (real), which forms a conduit on which virtual information can flow. The meaning behind the nerve impulses is derived from interpretation of the information they are carrying. This is like a radio receiver deciphering radio waves and producing a sound that can be understood by the listener. This is a perfect interaction of the subtle, virtual aspects of biophysics delivering and interpreting information within the biochemical, physical elements of the body, thereby bringing meaning and function to the whole in a very real world.

The meanings of things are the result of the interpretation of information. A common example of information confusion in the body is found in allergic reactions. With an allergy, the immune system misinterprets common food or environmental substances as invasive toxins. The subsequent immunoglobulin E (IgE) produced by the immune system induces histamine to flush out the foreign substance, resulting in the classic symptoms of an allergic reaction. If this case of mistaken identity or confusion can be rectified, the allergy will no longer exist.

Information transfer is fundamental to the existence of cells. Cells need to know just what is happening around them and what their companion cells are doing (external communication). They also need to know what is occurring within their own structures (internal communication). Like a school of fish swimming in unison, there is constant, subtle communication. The group can change direction in an instant and as a whole. If there were only audible or visual communications, they would react slowly and soon break up and go their separate ways.

Related cells also act in unison, and while there are certainly chemical transfers between cells, they can react faster than can possibly be explained by chemical communication alone. There is a virtual information transfer process involved, and biophysics provides a credible explanation for these processes.

## Energetic Integrators (EIs)

The job of Energetic Integrators (EIs) is to govern information transfer in the body. They ensure that the right piece of information reaches the required place at the correct time. They exist as magnetic vectors in the energy field surrounding DNA. They are not chemical in nature, but rather magnetic entities that can be described using mathematics and quantum physics.

In effect, the Energetic Integrators form the 'route maps' that direct internal communication in the body. They are each responsible for regulating specific body processes by forming specific information-exchange pathways.

There are 12 distinct Energetic Integrators. Each has the same structure and contains information regulation functions ranging from simpler regulatory elements to complex emotions. Each is responsible for regulating different aspects of the body's functions. A scan reports on the energetic state of these EI fields.

It is able to portray the energetic state of information transfer relating to specific system functions and activities, as well as related factors of elements, compounds, cells, organs, enzymes and emotions.

The EI Infoceuticals have been designed to return integrity to the Energetic Integrators where they have become distorted. These distortions can be induced by toxic interference (industrial chemicals, pesticides, herbicides), micro-organisms (fungus, viruses, bacteria), electromagnetic pollution (x-rays, microwaves, radio waves), heavy metals, and other factors. One way of looking at this is to consider the EI Infoceuticals as engineers fixing a cell phone network so calls can go through correctly.

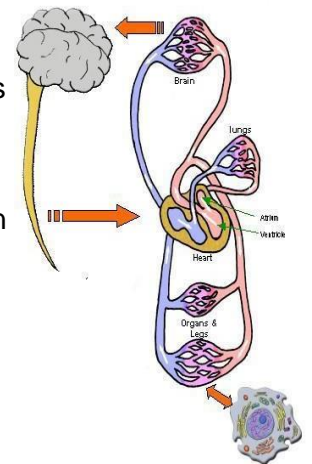
## Imprinting

So far, we have looked at the importance of information and its transfer in the body but have not identified how information is actually transferred. Here we introduce the ideas of information imprinting and transfer involving the nervous system, heart and blood.

According to biophysics, the central nervous system (CNS) and fats of the body store the information required to operate the body functions and maintain homeostasis. This information has to be passed to all the cells and tissues of the body, for ultimately these are what are being governed.

Although physical anatomy reveals that the efferent and afferent nerves form connections with organs, they do not connect to every cell.

Biophysics research shows that the medium through which nervous system information is transferred to the cells is the blood. Information stored in the CNS is transferred to the heart through the cardiac nerves, and from there into the red blood cells and through the arterial system to the capillaries, where oxygen, nutrients and information are transferred to the cells. The cells take up the nourishment and return carbon dioxide, metabolic by--- products and information about how they are performing their required job. This information flows back through the blood to the brain and CNS. The information received by the brain from the cells is compared with the instructions that were sent out. If cells are not doing as



requested or the body's requirements have changed, then new instructions are sent out via the heart and blood.

As we shall see, the second ED is the Imprinter Driver. Its job is to ensure that the information supplied to the heart is fully imprinted into the blood. If it is under-functioning, then information transfer throughout the body is inhibited.

The Energetic Integrators act as translators and distributors. They convert the raw information supplied to the cell into instructions and distribute these to the appropriate parts of the cell. In other words, they give meaning to the information, thus giving it a function.

## The HBF and WellNES Scans

NES WellNES Systems are the first to be able to interpret the functional status of the HBF. A scan detects an individual's HBF structure, determines which Drivers are underpowered, which Integrators have become distorted, and a host of other vital pieces of energetic information relating to physical functions as well as mental and emotional processing. It also determines which Infoceuticals are required to bring the HBF back to its optimum condition.

A scan works like a radio tuner, scanning through many channels deciphering those which can be coherently received from those which have issues.

All this is based on an understanding in quantum physics of resonance. Resonance, in fact, is the basis of homeopathy, emotional empathy, and many other phenomena. Peter Fraser's discovery and mapping of the HBF has made it possible to use resonance phenomena in a measured, scientific way.

Not only are NES scans able to view the Body-Field and determine areas of compromise, they can also correct these errors in a way that helps resolve health issues. This is the purpose of the 'Infoceuticals', a unique range of colloidal oral products whose primary function is to provide the information required to rectify distortions and return functional integrity to the HBF.

## The HBF – A Summary of Important Information

Let's take a moment to summarize what we have discussed about the HBF:

1. The HBF is an intelligent, self-organizing, self-directed energetic structure that acts as a master control mechanism for all body functions including chemical reactions, movements of Qi, emotions, mental abilities, coordination and so on. The state of the HBF has a direct correlation with physical, mental and emotional health.
2. Activity within the cells is responsible for generating the HBF, and the HBF is responsible for providing an environment where cells can flourish. The two are interdependent. Each provides the other with means of continued existence, and the health of one impacts the other. When the HBF is compromised, cellular activity is adversely affected.
3. The HBF is dynamic. It constantly reacts to bodily and environmental changes as it seeks to maintain homeostasis.

4. Fundamental to the operation of the HBF is information exchange. In order to be coordinated and regulated, all activities in the body require information; without information the body would fall apart since every atom, molecule, tissue and cell needs to know what it should be doing. The physical body structure and chemistry provide the conduit for information exchange and transfer throughout the body.
  
5. Information carries functional meaning, and the interpretation of that meaning requires consciousness. Using a NES System in coordination with whatever modality you are masterful at using provides your clients with a deep, thorough understanding of themselves and the work within their Body-Field which will help them heal their distortions and improve their Energy For Life.