

E-smog and Bioenergetic Health

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1. ELECTROMAGNETIC RADIATION AND PHYSICS

E-smog—the inadvertent exposure to ambient electromagnetic fields in our environment—is not something that is well understood in terms of its effect on biology. But since electro-smog is so ubiquitous, we would be wise to consider its ramifications for health. Many questions arise, and among the most important is: Why are some energy fields absorbed by the body and others are not? The reason, according to Nutri-Energetics[®] (NES[®]) theory, is found in physics, which tells us that if the energy levels/gaps inside the atoms of the radiation matches that of the target substance—in this case the human body—then absorption may occur. If they do not match, there is transparency, and the energy field goes right through the body, apparently without affecting it.¹

Which energies are absorbed or not absorbed by the body, and which may cause or correlate to health problems, according to current theories and knowledge?

- **Low-frequency energy and energy from 50 Hz power cables**
There is some preliminary research that suggests a possible leukemia connection.
- **Ultrasound 15k Hz to 20k Hz**
This energy may be deeply absorbed by the body, which is why it is used in medical imaging. However, it may cause the release of tiny bubbles in tissues and a slight heating of the tissues, so it may not be entirely safe.
- **Low-frequency radio**
The body is supposed to be entirely transparent to radio waves, meaning they pass right through.
- **Very-high-frequency radio**
This would include FM radio bandwidths, and police, rescue services and fire services radios. There is no real data available about absorption by the body.
- **Microwaves, Radar**
This is supposed to be transparent to the body, yet there may be some slight heating of tissues, perhaps indicating some absorption is occurring.

¹ See “hyperphysics” Internet reference in bibliography.

- **Infrared photons**
Some absorption takes place at the level of the skin and shallow blood vessels.
- **Visible light**
This is strongly absorbed by the body. Electron transitions occur when electrons absorb photons, so there may be an undesirable effect in things and processes we don't often think about, such as food sitting under heat lamps in a fast-food bar. Food, and other matter, could become "over-energized," and we really don't know the effects of ingesting it.
- **Ultraviolet light (ionizing)**
This is strongly absorbed by the body, and it has ionizing effects, meaning that there is re-emission of energy at another wavelength by the body. It may upset the structure of atoms and large biological molecules. It is known to cause skin cancer, cataracts, increase the effects of aging, and contribute to immune suppression. Large exposures occur during aircraft travel. Numbers of people report illness, such as colds and flu or other suppressed immune responses, after plane travel, which could be a warning sign of effects.
- **X-rays and Gamma-rays (ionizing)**
X-rays cover a huge range of frequencies. These are not absorbed, except by dense tissue and bone. Hence their use in medical imaging. High doses or repeated doses are correlated to pathology, and intense doses cause death. Gamma rays are able to knock electrons out of an atomic structure. One imagines that in terms of biology, this would be destructive. However, we are not usually exposed to this energy. We do know that those who are, such as astronauts, have to be shielded from prolonged exposure. But the science is not entirely clear, as we find conflicting information, or just absence of information, about gamma rays and their effects.

2. COMMON ARTIFICIAL SOURCES OF ELECTROMAGNETIC FIELDS

What if the human body-field "matches" or resonates with the fields produced by technologies that emit electromagnetic fields? What common technologies might it be matching to? (The following is a partial, representative list.)

- Video display terminals
- Fluorescent lights
- Trains, buses, cars
- Fans and air conditioners
- Copying machines
- Telephones
- Domestic appliances generally
- Electric cables
- Transformers
- Alarms

- Dimmers

The range of frequencies emitted by such technologies is very large—from as low as about 16 Hz in railway cables to about 50 Hz in the larger power cables that are strung across our landscape to up to 10 megahertz and beyond into the gigahertz range for others.

3. POSSIBLE PHYSICAL EFFECT CORRELATIONS OF OVEREXPOSURE TO ELECTRO-SMOG

- warmth in the face
- tingling in the body
- eye irritation
- concentration and memory problems
- body aches and flu-like feelings
- nausea
- cardiac palpitations

4. HOW DO YOU ADDRESS E-SMOG ISSUES?

Plenty of people know they are sensitive to electromagnetic fields, but the mechanisms in the body of electrosensitivity are not understood by conventional science, and there is no treatment other than reducing your exposure to electromagnetic fields—or e-smog as I call it. Reducing our exposure is, of course, extremely difficult if not impossible in our modern world.

NES may have a contribution to make here. Our early experience with the specific NES Infoceuticals® that are designed to correlate to the influence of electromagnetic fields that may affect the body show very encouraging results. For those of you who don't know, the NES Infoceuticals are a series of liquids that contain micro-minerals that are imprinted, through a NES proprietary method, with information to correct distortions in the human body-field.

Very simply, e-smog and the human body-field are both fields, and fields, we know, can interact. Once this interaction occurs, information “matching” can also occur. Few people are aware that fields not only can interact but can *combine*—that is, heterodyning can occur, where two signals can become four, four can become eight and so on, until we have a huge jumble of frequencies. So we cannot examine these fields in isolation. E-smog is a huge raft of energy, changing all the time, of a huge number of frequencies, and we are basically living inside it. Research which ignores this truth may be invalid.

Biologically, if the proteins on the external cell walls are sensitive to the environment², as current research shows they are, then every cell of the body can potentially be affected by e-smog. We have mentioned this concept before but now I

² *The Biology of Belief*, Bruce Lipton, Santa Rosa, CA: Mountain of Love, 2005.

want you to try to imagine what happens when your body tissues contain salts of the following heavy metals, and combinations of them:

- Cadmium – which has a bioenergetic affinity or correlation with the stomach and bowel
- Lead – which has a bioenergetic affinity or correlation with the nervous system and brain
- Mercury – which has a bioenergetic affinity or correlation with the kidney and brain tissues
- Tin – which has a bioenergetic affinity or correlation with hormones and the enzyme system

My thinking is that when these body tissues become over-energized, through exposure to electromagnetic fields, there may be a correlation to an increased risk of cancer. Why and how do the tissues become over-energized? Because most of us have heavy metals in our bodies, and tissues contaminated with heavy metals absorb high-energy radiation more easily than do normal tissues.

5. PRELIMINARY NES RESEARCH INTO E-SMOG

I have said that in science it is always a good idea to try to follow systems to their end. In the case of the 12 Energetic Integrators (EI) in NES body-field theory—which are the main information regulation routes at the level of the quantum body-field—we have come to realize that the system does not end at EI 12, which reaches into the frequency range of 10^{12} Hz. We have to go to the end of the frequency system of electromagnetic energy. This occurs when the wavelength gets to an infinite length, or very close to zero. This is at about 10^{24} Hz. So, logic would dictate that there are another 12 Integrators, making for a system of 24 in all. In fact, I discovered that this may in fact be the case.

By March 2007, I had test items for all of the 24 Integrators. I found that Energetic Integrators 13, 14 and 15 all had something in common—they all correlated bioenergetically, through the body-field, with the following aspects of the body:

Cerebellum
Cerebral vesicles
Organ of Corti
Synapses of the nervous system
Nerve cells

These field connections looked to me to be some sort of high-frequency human “radar” system in and of itself, perhaps of the type that goes wrong when you get schizophrenia or psychosis.

But except for the anatomical features listed above, I found very few other bioenergetic matches between these three Energetic Integrators and other organs. This

was hard to explain—until it became clear to me that there were other matches, but they are not matches with the human body. They are matches with electromagnetic radiation! Upon further testing, following this tantalizing guess, I indeed began to find matches with microwaves, visible light, ultraviolet light and X-rays.

Slowly, it dawned on me that I was looking at the extended, hugely enlarged model of the electron as described by astrophysicist Milo Wolff. His space resonance theory suggests that there is one standing spherical wave at normal energy levels, and that this would diverge into two standing waves as higher energy levels were reached. We know that this increasing energy level can occur when there is exposure to any type of radiation that is absorbed by the body.

Here I have glossed over the idea of “scaling,” which comes from the Wolff model as a sort of free extra. The tiny electron can make “pictures” of itself that are millions of times larger than the electron itself. The scaling can go to about as large as a living thing, and after that it looks as though the effect fades.

We at NES then went one step beyond where Milo Wolff’s model takes us by proposing that there might even be a higher-energy version of the entire human body-field! This would be a natural outcome if electrons, and even some other subatomic particles, can have different kinds of structures, as may be possible via a Wolff type of physics model with its spherical scalar standing waves.

Things were beginning to look very interesting, as it is universally accepted that high-energy ionizing radiation is the only more or less certain correlation to cancer.

So we began to think that the human body-field could take on a higher energy form that might be conducive to the development of primary, localized cancer, and an even more energized form with secondary cancer (metastasis).

The next stage in this exciting research was to test all the newly indicated Integrators—EIs 13 to 24—for matches with all stages of cancer development, from benign, to acute benign, to primary cancer, and on to secondary cancer, or metastasis. They all correlated at the bioenergetic level!

We began to wonder why we don’t *all* have cancer, since we who live in technologically advanced societies are all overexposed to microwaves, ultraviolet rays, X-rays, and so on. So we went looking for the protective mechanism in bioenergetics. How do we survive in an e-smog-filled world?

6. E-SMOG AND PHYSICS

Of course, we have to go back to physics, and it is not entirely nutty for us to ask why we have to have quantum physics in the first place. To answer that question, we have to go right back to the origin of the New Physics and look at Max Planck’s work. Would you believe he was an early researcher on e-smog? He discovered that radiant energy of various frequencies forms into clumps, or discrete quanta, whose sizes and frequencies can be predicted. What does this mean in terms of e-smog? Well, it means that research into e-smog that overlooks this fact is drivel, as there is little use in

doing research about specific, isolated frequencies, which is what most conventional researchers investigate.

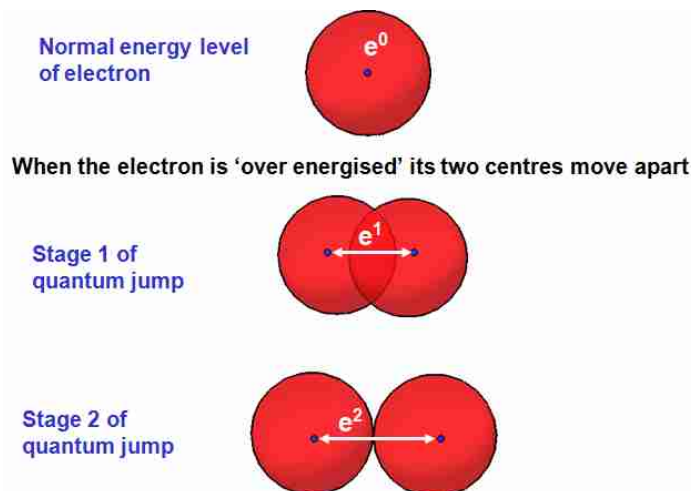
E-smog looks like a quantum phenomenon in that there is a *mixing* of frequencies in an environment where there is a possibility for them to increase their energy level. All that is needed is sunlight. Consider the following:

- Planck’s investigation of heat radiation anomalies resulted in:

$$E (\text{energy}) = h (\text{Planck’s Constant}) \text{ times } \nu (\text{frequency of the energy})$$

This formula means that every electron in the universe is potentially affected. So let’s go look for some “clumps”!

At a certain energy level, there is a sudden rearrangement of the electron, according to Wolff’s space resonance theory of quantum physics. The electron “jumps” to another energy configuration. How does the Wolff model account for this? Because when the In wave and the Out wave of the Wolff model interact, we find at their center the spherical standing wave that we call the electron. The electron can be thought of as actually having two “centers,” which may move apart under the right energy conditions, such as when the electron is “over-energized.” As they move apart, information may change as well, allowing for the shift from EIs 1 through 12 to the information of EIs 13 through 24.



7. NES AND THE ENERGY OF THE HBF

The human body field, we supposed, must have a system or mechanism that allows it always to return to homeostasis—its self-correcting equilibrium, or health—even after over-exposure to electromagnetic radiation. This would explain why we don’t all get cancer.

We envisaged that the spherical standing wave of the electron, via the Wolff model, might always behave correctly if it had the right *shape*, as we might call it, since we are concerned here to some degree with space physics. And to get it to hold that

shape, the angles, or vectors, at 90 degrees might be critical. The 90-degree angles in the NES system would involve Energetic Integrators 1, 3, 6, 9, and 12.

I did matching experiments to see what happened around this idea. I found in a very short time that Energetic Integrators 1, 6 and 12 seemed to do something special in relation to the energy levels of the body-field. It turned out that *order* or what we might call *sequence* was of the utmost importance. That is, it is important that the *direction* of energy flow be maintained in the HBF. I did a lot of matching experiments, trying different sequences of Infoceuticals before I discovered this preferred sequence.

How did we tell if the Infoceuticals work or not as de-energizers of an over-energized body-field? Obviously, heat would have to be released by the body if the remedy was working. After much testing, it became clear that the pairing of the EI 1 and EI 6 Infoceuticals would do it. The simplest solution is always the best one!

What were we trying to do? We were trying to find out how to arrange things so that Integrator 12 sends energy and information back to Integrator 1, and not into a higher energy form of the body-field, in effect onwards to the EIs beyond 12. Are you still with me?

The function of Energetic Integrator 12 appears to be critical for health. This correlates to the spleen meridian. The ancient Chinese doctors knew the importance of this meridian many hundreds of years ago, so they placed the spleen at the center of their mystical diagrams, and said that all the body's energy came from the spleen. Not quite right! But they were perilously close to the truth! The truth appears to be that the *spleen together with the heart* is very important as an energy regulator of the whole body-field.

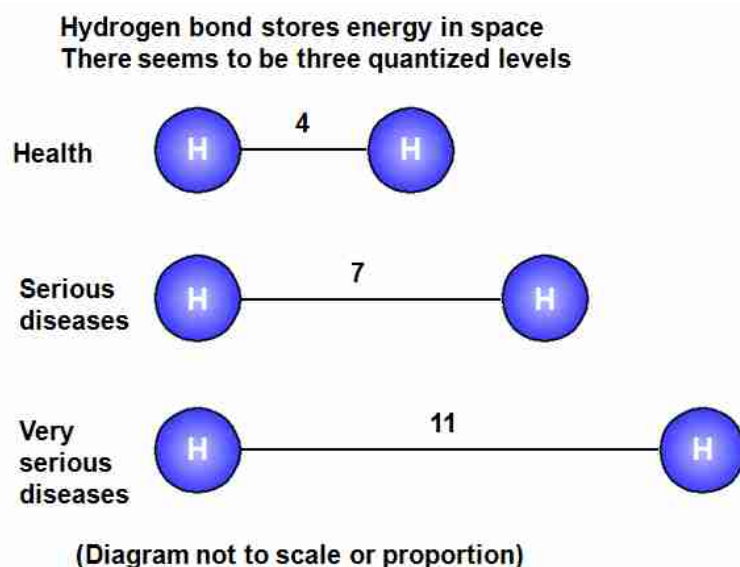
But I realized that we were on to something really interesting so far as research goes. Why? Because no one really knows why we get diabetes, cancer, schizophrenia, and a host of other serious and poorly understood diseases. I wondered, could these diseases be explained by a “jump” in energy, a “clumping” of energy such as is predicted in basic quantum mechanics, only applied to the special case of a living organism, particularly the human body-field?

So I wondered further, how can we stabilize the body-field at normal energy levels to maintain health even when there is electro-smog pollution everywhere? After all, that is the object of NES—to stabilize the normal body-field.

8. AN OVER-ENERGIZED BODY-FIELD AND PHYSIOLOGY

Hydrogen plays a huge role in physiology. It is involved in how the body gets energy as well as in protein replication, where weak hydrogen bonds are broken and re-established again and again. These bonds do interesting things, as they can elongate when there is a higher energy state. Having been told this years ago, I had already done some preliminary work on it and found that the relationship of the lengths of the hydrogen bonds was in three forms. Normal hydrogen bonds represented 4 units, what

I called “higher energy level 1” increased to 7 units or “higher energy level 2,” and then increased again to 11 units.



So what do we have so far in terms of energy and body-field dynamics?

- EI 12, to return energy and information to EI 1, would require a certain amount of energy release or dispersion of energy in some way, because of the discrepancies in frequency.
- Distortion of the hydrogen bonds in a higher energy system might well be a way of storing excessive energy in the body, so as not to upset the body-field too much. But it might also upset the normal physiology of protein reproduction.
- The heart plays a role. This was really staring at me in the face but I could not see it. Where does the heart get its energy? Zero-point energy, at least in part! Do mitochondria, and certain cell organelles, really match with zero-point energy? Yes, because they match with the NES Source Driver! Source is our name for what might be zero-point energy. I did this test again recently and the match held up.

Let's look at the role of the heart a bit more. Looking through the literature on e-smog from various sources, especially from the UK and Sweden, I found out that the chronic diseases most often associated with electro-sensitivity are these:

Acute stage:

- Palpitations
- Cardiac arrhythmias
- Pain in the chest
- Changes to blood pressure up and down
- Fast or slow heart rate
- Shortness of breath

Now the theory got extremely interesting. What if the heart is damaged and can no longer act, in concert with the spleen, as a regulator for the energy level of the body-field?

This is still a big question. By the time I had realized this was even important, we already had an Infoceutical correlated to e-smog (Energetic Star 1). I tested it and discovered that it did actually link with the heart and appeared to bioenergetically “correct” distortions in it. It correlated bioenergetically, surprisingly enough, with the following parts of the heart:

- Myocardium
- All valves of the heart
- Auricles
- Ventricles
- Septum
- Sino-auricular node
- Atrio-ventricular node

So, according to my theory, if we address bioenergetic distortions with the heart, then the body-field will not go to a higher energy level due to overexposure to electromagnetic radiation.

But there was more to come of even greater interest.

9. WHY DON'T WE BURN UP?

To answer this startling question, we have to look again at our conceptualization of the Energetic Integrator system and consider how it works bioenergetically.

There is an energy system built into a complex spherical standing wave—the electron of Milo Wolff's physics model. We may or may not be talking only about frequency here. But, so far as the HBF is concerned, we have to get the energy and the information from Integrator 12 back to Integrator 1, so that the system will work. If we can't do that, the body-field will go on forever getting hotter and hotter—more and more energized—because a second Integrator system at a higher level will appear when the energy situation is right.

I will say it another way. If we are always absorbing energy from the environment from electromagnetic radiation as well as from zero-point energy (ZPE), we have to ask why we don't eventually burn up? There is such a thing as spontaneous human combustion, but there may be nothing spontaneous about it. It has a real cause and mechanism that can be explained physically—but it also is probably at least partly bioenergetic: the mechanism for getting energy *out* of the body fails, and your tissues combust.

But note that in bioenergetics we are not talking about “real” heat here! It seems from my initial research that the heart organ has something to do with this regulation of the body's energy level. Here I am not talking about the temperature of the tissues.

The Chinese doctors of half a millennium ago had a concept called “true heat,” which referred to the real heat found in a fever. They also identified another type of heat called “false heat.” This false heat, I think, will be about the same concept as the energy level of the body-field. You can’t get a thermometer out and measure the energy level of the body-field, you see!

The major discovery was that it is possible to pair the NES EI 12 Infoceutical with the Heart Driver Infoceutical, and together they will match with Energetic Integrator 1. This is truly wonderful. But the matching works *only* when the order of the presentation is correct. NES is unique, I think, in our research into how sequence, or preferred order, plays into analyzing and understanding the HBF, and also in how the body prefers to undertake healing.

We began testing this new arrangement and found that the Infoceuticals listed above, when paired, have a calming effect and appeared to be correlated to the cessation or lessening of chest pains and palpitations. They also have a remarkable correlation to mental concentration. The correlative effect is so strong that you might only need to take it once a day, and at a minimum number of drops.

10. THE INTEGRATOR SEQUENCE CORRECTOR

You can see how some aspects of our theory we are closely following traditional Chinese medicine, to help us understand the energy system of the body. If you follow the trail of the acupuncture meridians, from the *start* of the system at the lung meridian to the *end* of the system at the spleen meridian, you will find out that they meet again on the torso.

That is to say, the Chinese doctors of long ago discovered that the sequence of the energy channels through connective tissues in the body is a closed system. The spleen meridian has to feed its energy back into the start of the system at the start of the lung energy channel at a point called Lung 1, which is just below the clavicle. Strictly speaking, there is a link with the colon meridian. The two are joined down the front midline in any case.

But we can also tell you *when* you would use this Integrator Sequence Corrector (ISC) Infoceutical, as it is currently called, although we have not yet released it. I won’t go into the details of when here, for that is clinical knowledge. What we need to ask, to continue our line of theoretical inquiry, is what is going to happen when the energy level of the body-field comes down? Well, physical correlations may include a return to a more normal feeling of body temperature, stabilized blood pressure, decreased appetite for those who tend to overeat, feeling your head is clearer and an increase in concentration levels. There may also be a correlation to improved bowel changes, because we are addressing Integrator 1, which matches bioenergetically to the large bowel.

11. ENERGETIC STAR 1 — E-SMOG

We have produced a new version of the ES 1 Infoceutical as a result of our research into e-smog, and it correlates to many aspects of anatomy and physiology. It matches bioenergetically with the heart as well as correlates to all of these lymphatic organs:

- Thymus
- Spleen
- Omentum
- Bone marrows
- Villi of the small intestine
- Tonsillar ring
- Veriform appendix

In addition, it correlates to many of the cellular products of these organs, as well as their blastic cells, the cells that manufacture immune cells for the blood. And also to:

- Macrophages
- Monocytes
- Red marrow cells (erythrocytes and reticulocytes)
- Yellow marrow cells (myelocytes and metamyelocytes)

This means that the effects of ES 1 Infoceutical may not be evident for from five to thirty days or so, as it takes that long to produce some of these cells and for them to mature.

12. CELL MEDIATED IMMUNE SYSTEM AND E-SMOG

The thymus organ matches with ES 1, and via the T-cells bioenergetically correlates with the maturation of the cells that the body uses for attacking bacteria, parasites, fungi, and even cancer cells.

There is a special effect, which occurs when you take ES 1 with the new Spleen Omentum Driver Infoceutical (ED 14). When taken as part of the same protocol (but not mixed!), this combination may correlate to effects in the humoral immune system, the one that correlates to resistance to specific organisms and even toxins.

Our tests also show a bioenergetic match with the globulins: IgA, IgD, IgG, and IgM. The match to IgG is especially important as it represents 75% of the immunoglobulins in the blood.

13. THE NEW DRIVER: SPLEEN OMENTUM (ED 14)

This Energetic Driver and related Infoceutical are new in 2007. The Infoceutical is bioenergetically tagged to correlate with the red and white pulp of the spleen as well as with the omentum, a large mesenteric sheet in the lining of the abdomen that has an immune function. It also matches with all parts of the thymus.

According to Western medicine, the spleen has three functions:

1. Phagocytosis of the older erythrocytes
2. Blood regulation, as the organ opens and closes
3. Production of lymphocytes and plasma cells, making antibodies for the humoral immune system

The omentum has an immune function in the abdominal cavity, and becomes active when there is peritonitis. It supplies leucocytes to the abdominal cavity, and it is so dynamic that it can actually engulf and seal off contaminated areas of the cavity. The omentum may be damaged by surgery.

The new Spleen Omentum Driver Infoceutical has a marked correlation to the chest. This is a little hard to explain in Western medicine, but in Chinese medicine it isn't, as the spleen meridian links energetically with the lung meridian.

The following organisms can infect the abdominal cavity as well as the lungs, and these specifically match bioenergetically with this new Driver Infoceutical:

- Bordatella pertussis (whooping cough)
- Haemophilus influenzae (childhood chest infection)
- Neissera catarralis (respiratory infection).

This Spleen Omentum Driver Infoceutical may be bioenergetically helpful for chest troubles where any of these organisms has become *chronic*. It also may be bioenergetically helpful when the spleen organ has been surgically removed and also to bioenergetically address issues such as swelling of the abdomen and low-level peritonitis.

There is absolutely no useful treatment for hernia in natural medicine. But this is a Driver Infoceutical you can consider as useful as a background or complementary approach to the bioenergetic underpinnings of that problem.

Because of its energetic link with the thymus, Spleen Omentum Driver may also be useful in bioenergetically addressing allergy issues. Allergies are errors in the long-term recognition apparatus of the immune system. Allergies, of course, will also cause abdominal swelling, if there is allergy to wheat or milk, which is very common.

The spleen is known to be sensitive to electromagnetic radiation, as well as ionizing radiation. This Driver Infoceutical has a bioenergetic application there as well, although, of course, the ES 1 Infoceutical is preferred in this case.

There may be emotional effects correlated to the use of this new Driver (ED 14). Long-term usage—over four to six weeks—correlates to emotions rising to the surface, slowly but surely. Clients need to know this. The Chinese always say that the spleen is about long-held grudges and feuds, so it can be a trial for others to live with a spleen case! You may also think about using the ES 1 Infoceutical as well, since this bioenergetically correlates to “mending” the heart and emotions. The heart, remember, is from a bioenergetic perspective the “center of joy.” So be cautious!

Because this Infoceutical correlates to the processing of emotions, it might be too much for your clients. They might need a rest. So far as the emotional outpouring goes, you can use Kidney Driver Infoceutical to bioenergetically help soften its effect.

The Spleen Omentum Driver Infoceutical also correlates to integration of the two brain hemispheres, and so may be useful in bioenergetically addressing long-term learning and emotional difficulties.

Thank you.

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