

THE COMING MEDICAL REVOLUTION – LECTURE 3

Notes to accompany the lecture – The effects of E-smog on the body

Peter H Fraser March 2007

© 2007 Nutri-Energetics Systems, LTD

This document may not be quoted or reproduced, in whole or in part, by electronic or any other means without the express written consent of Nutri-Energetics Systems, LTD.

1. ELECTROMAGNETIC RADIATION AND PHYSICS

Why are some energy fields absorbed by the body and others are not? The reason, according to NES, is found in quantum theory: if the spacing inside the atoms of the radiation match those 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[1]}

Which energies are absorbed or not absorbed by the body, according to some physics writers?

- **Low frequency energy and energy from 50 Hz power cables**

Some suggestion of 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. May cause release of tiny bubbles in tissues, and a slight heating of the tissues. 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, police radio, rescue services and fire services. No real data available about absorption by body.

- **Microwaves, radar**

Supposed to be transparent to the body, yet may be some slight heating of tissues, indicating some absorption is occurring.

- **Infrared photons**

Some absorption takes place in skin and shallow blood vessels.

- **Visible light**

¹ See “hyperphysics” Internet reference in bibliography.

Strongly absorbed, and causes electron transitions when light is absorbed by the electron. May have an effect on things we don't often think about, such as food sitting under heat lamps in a fast-food bar. It could be "over-energized," and we really don't know the effects of ingesting it.

- **Ultraviolet light (ionizing)**

Strongly absorbed, and has ionizing effects, meaning that there is re-emission of energy at another wavelength by the body. Upsets the structure of atoms and large biological molecules. Known to cause skin cancer, cataracts, increase the effects of aging, and immune suppression. Large exposures during aircraft travel. Numbers of people report illness after plane travel, or mysterious colds and flu's. These mysterious colds and flu's are mentioned below as a warning sign.

- **X-rays and Gamma-rays (ionizing)**

X-rays cover a huge range of frequencies. These are not absorbed, according to conventional science. The body is supposedly transparent to X-rays, but it is likely some is absorbed. X-rays cause the emission of electron-positron pairs, and how can this occur if they are not absorbed? Conventional science also says gamma rays are not absorbed by the body. But these energy fields are able to knock electrons out of their atomic structure. One imagines, in biology, that this would be destructive. The science then is not entirely clear! We find conflicting information, or just absence of information.

2. COMMON ARTIFICIAL SOURCES OF ELECTROMAGNETIC FIELDS

Supposing the human body-field "matches" with the fields produced by technologies that emit electromagnetic fields? What common technologies might they be matching to? (The following is not an exhaustive 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 power cables above your head right up to 10 megaHertz and beyond into the gigaHertz range for others.

4. POSSIBLE EFFECTS 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

5. HOW DO YOU ADDRESS ELECTRO-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 what I call electrosmog. That, of course, is not possible in our modern world.

NES may have a contribution to make here! Our early experiences with the Infoceuticals for EM field correctors show very encouraging results.

Very simply, E-smog and the human body-field are both fields, and fields interact. Once this interacting occurs, information “matching” can also occur. Few people are aware that fields can not only interact but can *combine*—that is, two signals can become four, four can become eight and so on, until we have a huge jumble of frequencies. So we cannot treat 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 living inside it. Research which ignores this may be invalid.

Biologically, if the proteins on the outside of the cell walls are sensitive to the environment², then every cell of the body can potentially be affected by E-smog. We have mentioned this concept before but now I want you to try to imagine what happens when your body tissues contain salts of the following heavy metals, and combinations of them.

Cadmium – an affinity with the stomach and bowel

Lead – an affinity with the nervous system and brain

Mercury – an affinity with the kidney and brain tissues

Tin – an affinity with the hormones and enzyme system

My thinking is that when these tissues become over-energized, through exposure to EM fields, the risk of cancer may increase. 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.

Now you know why we designed the Heavy Metal Infoceutical, which helps bioenergetically address metals in the tissues.

6. 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) theory we have developed, we had to realize that the system does not end at ten to the power 12 at all. 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

²[2] *The Biology of Belief*, Bruce Lipton. Mountain of Love, 2005.

to zero. This is at 10 to the power 24. So, logic would dictate that there are another 12 Integrators making 24 in all. In fact, I discovered that this is 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 matched bioenergetically with the following aspects of the body:

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

And with the crown chakra, a mythical energy center on the top of the head!

This field connection looked to me to be some sort of high-frequency human radar, of the type that goes wrong when you get schizophrenia or psychosis.

But except for the items listed above, I found very few other responses to matches between these EIs and other organs. This was hard to explain. Then, it became clear that there were other matches, but they are not matches with the human body. They are matches with electromagnetic radiation! I stated to find matches with microwave ovens, 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 physicist Milo Wolff. His model 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 then 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 about as big as a living thing, and after that it looks as though the effect fades.

We at NES then went one step further than 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.

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

So we began to think that a higher energy form of the human body-field (HBF) might exist in the case of primary cancer, and a more energized one again for secondary cancer (metastasis).

The next stage in this exciting research was to test all the newly indicated Integrators—EI 13 to 24—for matches with all stages of cancer development: from benign, to acute benign, transformation to primary cancer, then to secondary cancer. They all matched. From this result, as you might imagine, we decided that Infoceuticals for Integrators 13 to 24 might not be useful health products (we don’t mess around with cancer!). But instead might be a really useful diagnostic-type device for bioenergetics.

But the story did not end there.

After that we began to wonder why we don't *all* have cancer, since we are all over-exposed to microwaves, sunlight, ultraviolet rays, X-rays and so on. So went looking for the protective mechanism in bioenergetics. How do we survive in an E-smog filled world?

7. E-SMOG AND PHYSICS

We really have to look at why we have to have quantum physics in the first place. We have to go right back to the origin and look at Max Planck. 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, that can be predicted in their size and frequencies. What does this mean in terms of E-smog. Well, all the research into E-smog which overlooks this fact is drivel. There is little use in doing research about specific frequencies emitted by certain things.

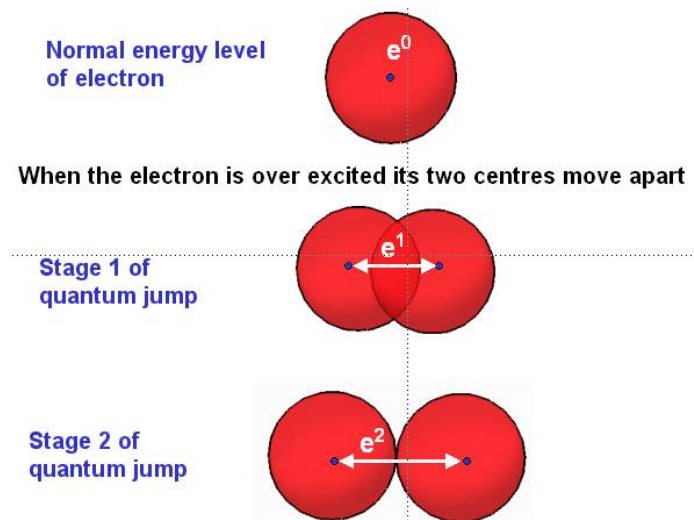
E-smog looks like a quantum phenomenon in that there is a mixing of frequencies in an environment where there is a possibility for them to increase their energy level. All that is needed is sunlight. Consider the following:

- Planck's investigation of heat radiation anomalies resulted in this statement:

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

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. It jumps to another function. How does the Wolff Model do this? Because the Wolff Model is new (1984) and hardly ever discussed, the ideas are new. Here it is for the first time. A picture is worth a thousand words



8. 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—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*, since we are concerned here 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 HBF. It turned out that the *order* 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.

How did we tell if the Infoceuticals worked or not as de-energizers of an over-energized HBF? Obviously, heat would have to be released by the body if the treatment was working. After some hot nights and some hot flushed faces, it became clear that EI-1 + EI-6 used together would do it. The simplest treatment 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 sent energy back to Integrator 1, and not into a higher energy form of the HBF. Are you still with me?

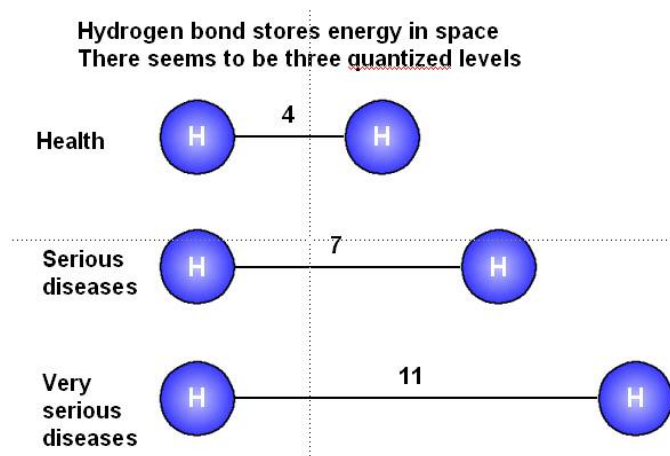
So the function of Energetic Integrator 12 appears to be critical for health. The ancient Chinese doctors knew this many hundreds of years ago. So they placed the Spleen (EI-12) at the center of their mystical diagrams, and said that all the HBF energy came from the spleen. Not quite right! But they 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 HBF.

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?

So I wondered further, how can we stabilize the HBF 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 HBF.

9. 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, higher energy level 1 by 7 units and higher energy level 2, by 11 units.



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

- EI 12 , to return energy 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 HBF too much. But it might also upset 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? Do mitochondria really match with zero-point energy? Yes, because mitochondria match with the NES Source Driver! I did this test again recently and it still works.

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 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 HBF?

This is still a big question. By the time I had realized this was even important, we already had an Infocetical for E-smog (Energetic Star 1). I tested it and discovered that it did actually link with the heart and appeared to bioenergetically correct it. It matched, 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 correct the heart, then the HBF will not go to a higher energy level due to overexposure to electromagnetic radiation.

But there was more to come of even greater interest.

11. 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. 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 HBF will go on forever getting hotter and hotter—more and more energized—because a second 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 EM 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 it is probably bioenergetic. The mechanism for getting energy *out* of the body fails, and your tissues combust.

But note that we are not talking about “real” heat here! It seems from my very little amount of research here 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 identify another type of heat called “false heat.” This false heat, I think, will be about the same concept as the energy level of the HBF. You can't get a thermometer out and measure the energy level of the HBF, you see.

The major discovery is that it is possible to put EI 12 together with Heart Driver, and together they will match with EI 1. This is truly wonderful. But the matching works *only* when the order of the presentation is correct.

We began testing this new arrangement and found that the Infoceuticals listed above, when they are taken together, have a calming effect, and appear to stop pains in the chest and palpitations within a few hours on the people who used them. They also have a remarkable effect on mental concentration. The effect is so strong that you might only need to take it once a day, and at a minimum number of drops.

12. THE INTEGRATOR SEQUENCE CORRECTOR

[diagram of meridians, Spleen to Heart]

you can see how closely we are 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* to use this Integrator Sequence Corrector, as it is now called (ISC).

Knowing when to use it is of great assistance, as it is not in the new 2007 software. You have to learn something here.

- client has fevers with no microbial diseases
- client is feeling chilly, wearing excessive clothing
- client has heart irregularities with no apparent physical basis. This means you look at the list of the chronic heart symptoms I have already mentioned.

Now, what is going to happen when the energy level of the HBF comes down? Well, correlations may include that you won't need so many clothes, your blood pressure will stabilize, and you won't want to eat the same foods. Your head will clear and you may be able to concentrate again. But while this is happening you might also get some bowel changes – because we are addressing Integrator 1, for the large bowel.

13. 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 things. It matches with the heart as well as all of these lymphatic organs:

- Thymus
- Spleen
- Omentum
- Bone Marrows
- Villi of the Small Intestine
- Tonsillar ring
- Veriform appendix

In addition, it matches with 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 ES-1 can have delayed effects of from 5 to 30 days or so, as it takes that long to produce some of these cells and for them to mature. Your client needs to know this.

14. 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 we have developed (ED 14). When taken as part of the same protocol (but not mixed!), this combination may affect the humoral immune system, the one for resistance to specific organisms and even toxins.

Our tests show a bioenergetic match with the globulins: IgA, IgD, IgG, and IgM. IgG is the big one because it represents 75% of the immunoglobulins in the blood.

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

This new Energetic Driver is included in the latest 2007 NES software upgrade and is being produced now. It 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 and immediate effect on the chest. This is a little hard to explain in Western medicine, but in Chinese medicine 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 will match bioenergetically with this new Driver:

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

This Driver may be bioenergetically helpful for chronic chest troubles where any of these organisms has become chronic.

Spleen Omentum Driver may be bioenergetically helpful when the spleen organ has been surgically removed.

It also may be helpful for bioenergetically addressing swelling of the abdomen, as in all males over 40! That was a joke! It may be useful in bioenergetically addressing low-level peritonitis.

There is absolutely no treatment for hernia in natural medicine. But this is a Driver you can consider as a background or complementary treatment. I say this because on my testing of this Driver, I could feel the muscles of the abdomen pulling in.

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 are very common.

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

After taking Spleen Omentum Driver Infoceutical for some time, the Liver Driver Infoceutical may also be needed. It is fine to use these in the same protocol, but better still to alternate their use.

There may be emotional effects from the use of this Driver. Long term usage—over 4 to 6 weeks—correlates to emotions rising to the surface, slowly but surely. Your client needs 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.”

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

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 stop them using it! So far as the emotional outpouring goes, you can use Kidney Driver Infoceutical to help soften it.

The recommended number of drops for the Spleen Omentum Driver Infoceutical is 6 drops a day for children under 8 and 15 drops a day for adults. In really serious cases, where you have to step outside the loop, they can use 15 drops twice a day over a three- to six-week period.

References for this Lecture.

World Wide Web

wddty.co.uk

The Swedish Association for the Electrosensitive

Elektrosmog Abshirmungen (in German)

ElectroSensitivity-UK

ESMOG Electromagnetic Smog – North America.

Hyperphysics.phy-astr.gsu.edu/hbase/mod4html#C2

Books and papers.

Carlo G Schram. *Cell Phones: Invisible Hazards in the Wireless Age*. Avalon 2000.

J. Toxicol Environ Health B Crit Review (2004): 7, 351-84

ElectroMagn Biol Med (2006): 25, 61-70

Clin Chim Acta, (2004): 340, 153-162

Int J Radiat Biol (2002): 78, :1029-36 (about melatonin production upset by em)

Acta NeurolScand (2004):110, 46-52 (about cognitive processes upset by em)

Bioelectromagnetics (2001): 22, 457-62 (about chemical sensitivity due to em)

WDDTY Journal, October 2006

Gunni Nordstrom. *The Invisible Disease*. 2004. O Books.