

This is a rough write-up on a Dr. Gabriel Cousens MD analysis of NCD...

Natural Cellular Defense - Further Thoughts Product Review by Rebbe Gabriel Cousens M.D., M.D.(H)

It is amazing that every year 10.9 million people across the globe are diagnosed with cancer and 6.7 million people die because of cancer. This is about 12% of all global deaths. The U.S. ranks in the top three countries with the highest rate of cancer in both men and women. This is not an accident. 70,000 chemicals, according to the E.P.A., are used commercially. 65,000 of those 70,000 are potentially hazardous to our health. According to the Environmental Defense Council, more than 4 billion pounds of toxic chemicals are released into the environment each year, of which 72 million pounds are known carcinogens.

These cancer-causing agents end up in our air, our water, and our food. In other words, we, like everybody else in the world, are surrounded by carcinogens, and we have to use what we as human beings have used all along for survival: a certain amount of cleverness and thoughtfulness in our lives to counteract the lack of consciousness that the corporations and ourselves are living with. Different tests on the blood and urine of adult Americans have found a total of 167 compounds, with an average of 91 compounds in each person. Of these 167 compounds, 76 are known to cause cancer, and 94 are toxic to the nervous system. 82 effect the lungs, 86 effect hormones, and 79 cause birth defects. In unborn babies, the Red Cross has found a total of 287 chemicals in the baby's blood; 180 are known to cause cancer, 217 are toxic to the brain and nervous system, and 208 cause birth defects in animals. Our future generations are explicitly at risk. Gabriel and his associate, Kevala, are working to develop a detoxification system for pre-pregnant mothers. Wouldn't it be nice to find a simple, natural remedy that can act as a practical antidote for this situation so we can bring non-toxic babies into the world?

Our problems don't just stop with carcinogens. Some estimates show as much 25% of Americans suffer from some degree of heavy metal poisoning, the biggest ones being mercury, lead, cadmium and arsenic. We are exposed to radioactivity as well in a major way. The Chernobyl disaster is just one example of this. Immune systems are compromised by lifestyle and toxic exposure. The Russians used zeolites to neutralize radioactive cesium and strontium-90. People are exposed to increasing viral attacks; free-radical buildup from radiation and other toxic chemicals has been seen as one of the causes or contributors to increased aging and cancer. People are living in an acid environment, having acid thoughts, acid foods, and an acid lifestyle; people are becoming, obviously, more acid. Acidity creates the pre-conditions for cancer, viral, bacterial, and fungal infections, as well as downgrading brain function.

In Gabriel's search for a simple approach to this, he has come across a natural compound called zeolite. Zeolite, in general, has been used for 800 years as a traditional remedy throughout Asia to promote overall health and well-being, 30 years in the U.S. with animals, and 13 years of pharmaceutical research in the U.S. with humans. Zeolite is naturally created as an alchemical gift from God, combining the four elements – air,

earth, water, and fire – as the lava, the earth and fire energy of volcanoes, erupted and the lava and ash poured into the sea. The combination of the ash and the salt from the sea, as well as the lava, caused a chemical reaction, and over thousands of years certain precious minerals like zeolites began to be formed.

A biochemist from a small pharmaceutical company in Ohio was intrigued by the power of zeolites. He researched it and purified it, and found some amazingly powerful effects from it. He was given a patent # 6,288,045 by the U.S. government. Gabriel has read the scientific research, the patent papers, and the research monographed by Rik J. Deitsch, a nutritional and research biochemist, who is president of NDA Consulting, Inc., a biotechnology research group. He is also Chairman of the Waiora Scientific Advisory Board, and he is in charge of all the research concerning this natural healing substance. After talking with him and reading the literature, it is clear that they may have discovered what seems to be one of the most potent natural preventatives, and perhaps even treatments, for cancer. In a recently completed preliminary 14-month open label study by Life Link Pharmaceuticals with 65 Level Four, terminal-stage cancer patients, sent home to die, 51 of the patients (or 78%) experienced complete remissions (which means complete disappearance of the cancer). It appears to be effective for all forms of cancer, leukemia, and lymphoma.

The mechanism of action is quite interesting for cancer. Theoretically, the zeolites in Natural Cellular Defense, which are in a certain structure that is negatively charged, take in a tremendous amount of positively charged heavy metals, pesticides, and herbicides. Therefore, these zeolites indirectly neutralize their effect in causing cancer. Then, because of this interaction, the zeolites become slightly positively charged and are attracted to the negatively charged membrane of the cancer cell, and are pulled right into the cancer cells. When the zeolite moves inside the cell, the P21 gene is activated. P21 acts as a tumor suppressor through its ability to control cell cycle progression. The activation of P21 appears to halt the growth of tumors by directly suppressing growth signals.

In in-vitro studies, all cancer cells tested were destroyed in 72 hours, which is a claim no other substance has been able to make. The beauty of it, of course, is that there are no side effects because it specifically targets cancer cells. Gabriel's primary interest is in cancer prevention and preparing mothers for a healthy pregnancy. We want to note the significance of the preliminary study that shows approximately 78% of the people diagnosed with terminal cancer are now in remission. Even so, Natural Cellular Defense is still in preliminary research phase as a cancer treatment and it is too soon to claim that this is a cure for cancer.

In terms of the heavy metals, which are a major, major problem, as well as pesticides and herbicides, furans and dioxins, etc., we can say that Natural Cellular Defense acts in a chelation-like effect to remove heavy metals, pesticides, herbicides, and other positively charged toxins from the system. It seems to do this in a hierarchical manner. It first acts strongly to remove lead, mercury, cadmium, and arsenic. Once it has removed those from the system, which may take at least one to four weeks, it then acts in the second level

priority. This is a chelation-like effect that removes the pesticides, herbicides, plastics, and so forth. Natural Cellular Defense seems to increase the rate of glucuronization in the liver. This appears to be the main reason why there seem to be more pesticides, herbicides, and xeno-estrogens being released through the urine when we take it, as it activates phase II of the glucuronidase function in the liver, which removes pesticides, herbicides, and xeno-estrogen from the body. It also directly protects people against aflatoxin poisoning by neutralizing the aflotoxin poison.

The third priority in zeolite's mechanism is to act as a natural trap of pre-virus components, preventing the replication of viruses, and therefore their ability to make us sick. The way it takes out the heavy metals as well as the pesticides and herbicides in a chelation-like effect is that within the structure of the zeolite, there are certain "cages," inside of which are positive ions. The positive ions switch places with the heavy metals and positively charged pesticides and herbicides, and tightly bind them. One of the qualities of this way of binding of toxins is that the toxins are 100% excreted. The heavy metals leave the system through excretion; they do not get deposited in other places. 40% of it binds the heavy metals in the gastrointestinal tract, and 60% of it binds toxins in the bloodstream and at the cellular level. An additional part of zeolite's binding power was also proven at the Chernobyl disaster, where tons of it were used to remove radioactive cesium and strontium-90 before it reached their water systems, acting primarily as a chelator. It allowed those radioactive minerals to be trapped in the crystalline cage structure of the zeolite.

Zeolite also acts as a unique antioxidant in that it does not work like the traditional antioxidants, which, in essence, act as a way to take up the excess free radicals. What Natural Cellular Defense does is simply traps the free radicals in its complex structure. It inactivates the free radicals and, again, eliminates them from the system. In this way it acts complimentarily to the traditional antioxidants that absorb the free radicals into their system because they have an unpaired electron.

In addition, zeolite acts as what we would call a local buffer. Wherever it is, it buffers the system towards slightly alkaline (pH 7.35 to 7.45), which is a perfect buffer for the optimum pH for the human body that we want. Research has also shown that, in a way that is not entirely clear, zeolite acts to regulate the immune system, either up-regulating it or down-regulating it according to the situation. This is very important in a world in which most people's immune systems are seriously and continually being compromised. An acid pH of the blood, 7.34 or lower, not only creates the preconditions for cancer, but acid brain cells or neurons malfunction and has been shown to lead to depression, anxiety, stupor, paranoia, delusions, hallucinations, and even psychosis.

The final role that zeolite plays is as a broad-spectrum anti-viral. What it does in this function is block virus production by a general mechanism of absorbing viral parts before the virus can replicate. This supports why it seems to be effective in many viral infections, such as flu's and colds. 40 reported cured cases of herpes zoster, and anecdotal cases of helping with multiple sclerosis, and rheumatoid arthritis have been reported. It does this because viruses produce everything in parts in a production line, and

at the end they put it all together. What zeolite does is literally absorb the viral parts into the “pores” – not the cages (the chelating like parts) – but literally into the pores of the micronized zeolite aggregates. It seems to be effective for herpes virus 1, coxsachie virus B-5, echo-virus 7, and also adeno virus 5. Gabriel wants to be clear that its effect as an anti-viral is not necessarily immediate, but only seems to happen after you have been on it for about four to six weeks, and the heavy metals, pesticides, and herbicides have been mostly pulled out. Natural Cellular Defense’s anti-viral role behavior is part of zeolite’s the third level down in its hierarchy of priorities. Again, this is a preventative measure that builds up over time. Yet, over 40 cases of herpes zoster have gone pain-free in 1-3 days. Anecdotal testimonies have shown it to be effective in stopping flu’s, colds, hepatitis C, and virally or heavy metal caused multiple sclerosis.

Because Natural Cellular Defense has such a powerful effect on removing all levels of toxins from the body, it naturally increases energy and well-being. It has even been shown to improve clarity, wellness, and a sense of peace and happiness, and have an anti-depression effect. These are what we may call all the positive secondary effects. For example, by clearing out the heavy metals, it allows the magnesium in the body to work with the ATP. ATP, or adenosine triphosphate, is the biological source of energy in the body. When that is working better, you are going to have more energy and more well-being. It also, however, which is perhaps more fascinating, there has been one study that showed Natural Cellular Defense seemed to help increase serotonin levels in the system. Therefore we can theorize this is one reason people feel better, because increasing serotonin is one of the things that helps depression. One study has even suggested it is helpful for treating depression.

One unique thing about zeolite is that it is considered by the FDA as “completely safe.” It is listed on the GRAS list (generally recognized as safe). According to its use over the last 800 years in feed for all sorts of animals, and in humans and pregnant mothers on an anecdotal basis, Natural Cellular Defense seems to be safe to take for mothers who are pregnant and who are breastfeeding. There do not seem to be any side effects. However, there is a contraindication of which to be aware. Because of its natural action to absorb water, it can cause dehydration. Whenever you are taking Natural Cellular Defense, it is important to drink a lot of water. It is also important to drink plenty of water before you start taking it to hydrate yourself for several days. Zeolite is also contraindicated when taking any medications with heavy metals, such as lithium, or with the use of medications containing platinum.

Dosage The general treatment for everyone is 10 drops of Natural Cellular Defense three times a day, with or without meals. As support as part of cancer prevention, or as an addition to a cancer program, 15 drops 3-4 times per day is recommended. Zeolite remains active in the body for a period of six hours, and then needs to be replenished. Children can use 2 drops, 3 times a day, as a general dose.

Once you have taken 10 drops three times per day for four to six weeks, then you can drop down to 3-5 drops three times a day on an ongoing basis, and increasing the dosage when there is a viral attack, chemical exposure, chemtrail exposure, or other exposure.

Zeolite is a gift from God to antidote our very difficult environmental conditions, which keep us from being our fullest, healthiest, clearest, joyful, God-merged beings that we are meant to be.

Doses of 15 drops, 3 times a day, will give you about 3 bottles a month. 10 drops, 3 times a day, is about 1-2 bottles a month, and the ongoing dose, 3 drops, 3 times a day is about 1 bottle per month, or less.

Gabriel and Shanti are taking Natural Cellular Defense; Gabriel feels that it is obvious that everyone who is living in the industrial world should be taking it on a regular basis. What Gabriel believes we have here is a most unique, natural substance that is formed alchemically by nature, as a gift from God to help us face our present-day health challenges due to with ecological ignorance. In Ayurveda, we call it prajna prathara: crimes against nature.

Gabriel Cousens, M.D., M.D.(H), Diplomate of the American Board of Holistic Medicine, Diplomate of Ayurveda, blesses you all. May your health, and joy, and awareness continue to improve as we transform the planet.