

The information below is from several sources

## Disclaimer

As always do your own research and consult with a medical professional as you wish. This is information I have gathered for myself and am sharing it for those who may find it helpful.

Most of these statements have not been evaluated by Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease. The information provided here is not intended as a substitute for the advice of a physician or medical professional. This information is not intended as a substitute for the reader's independent judgment and personal responsibility. Health issues are far too important to delegate to anyone else. It is highly recommended you research and seek information and counsel from as wide a variety of sources as possible so you can make well informed, educated decisions about your, your child's, or your pet's health, as in the end YOU make the decisions.

## Silver, Copper and Zinc Kill Bacteria, Viruses and Parasites

### Parasites Passed From Mother To Fetus

Because microscopic parasites travel in the bloodstream and are passed from mother to baby through the placenta, some families have had human hosts to the parasite(s) in their family tree for generations.

### Minerals Need Other Minerals

Before your body can use sulfur it needs vitamin C. Before it can absorb vitamin C, it needs copper. Before your body can use the copper it needs zinc. This shows how elements in the correct form work together in a synergetic affect.

### The Form Of The Mineral Is Critical

The only way to reach the areas ( spinal fluid areas including the brain and some organs) where viruses and bacteria hide from the immune system is with **minerals that cross the blood-brain barrier, that are effective on the problem and are water soluble** for proper absorption. Improper forms of minerals can actually be damaging.

Remember anywhere the health benefits of minerals are discussed we are talking about the proper form of organic minerals. A lack of minerals in the proper forms or a lack of enzymes can often be a major factor in poor health or a lack of really good health. Be careful to **avoid improper forms of minerals and avoid over doing it.**

According to many sources, whether a mineral is colloidal, ionic or structured it needs to be angstrom (one ten-billionth of a meter) sized and water soluble.

### Colloidal vs. Ionized Minerals

Colloidal minerals are suspended in a liquid, ionized minerals are DISSOLVED in it! Ionized minerals are more easily absorbed into our blood stream and body cells. Ionized (ionic) minerals are smaller particles (angstrom sized) than colloidal minerals (micron sized). A better way to get your macro and trace minerals is in ionized form, the form in which plants and mammals are designed to absorb inorganic minerals. To be absorbed, minerals must be reduced to the ionized state (charged particles of elemental minerals). If minerals are received in this form, they are immediately absorbed without intermediate processing.

Converting minerals requires stomach acid – something in which many people, and particularly the elderly, tend to be deficient. Clinical research has shown very clearly that ionized forms of minerals are

the ones that the body is able to selectively absorb and utilize. Ionic minerals easily come apart in a watery environment and become either positively charged or negatively charged. The body is very discriminatory. The body knows when it needs minerals in greater amounts and when that happens, the body reaches out for those minerals.

### **Structured Minerals**

Structured minerals are in a crystalline form instead of as single atoms. Some people say this is best.

### ***Three Ways To Package Minerals***

#### **1. Mineral Tablets**

Tablets were the first minerals that people used in “modern” medicine. You get some of the mineral and smash it into a size you can swallow. This helped keep the mineral in a handy little glob. However, since minerals are found in the earth naturally, they usually come from rock. Smashing together is just like Mother Nature. It makes little Rocks!. Your body was not set up to digest rocks. So while you may digest the top layer and get some of the mineral that you are seeking, the majority of this mineral goes unused. You may even see it in the toilet and it may actually cause harm.

#### **Better**

#### **2. Encapsulated Mineral Powders(capsules)**

When people realized that more exposed surface area provided more mineral digested, they began to make mineral powders. These powders were messy and hard to ingest. Capsulation was born. A capsule made of gelatin holds the mineral powder until it gets to the stomach and then dissolves. Capsules are better than tablets, but still have some limitations.

In order to run these minerals through encapsulation machines, flow agents had to be added. While not all flow agents are bad, you might be paying for capsule weight that is not completely the mineral you want. Most capsules are rated by weight of the mineral content and not total weight. Be sure to read the fine print on actually how much mineral is in each capsule compared to the overall capsule size.

Other limitations of the capsule include the use of complex minerals that are bound to other substances like calcium carbonate. You want calcium capsules for calcium, not carbon. But did you know that you are getting 3 carbons for every calcium with calcium carbonate? The Chemistry Symbol is  $\text{CaCO}_3$ . It means three carbons for every calcium. Check your high school chemistry class, you will see this truth.

#### **Best**

#### **3.Liquid Minerals**

Liquid Minerals are by far the best. The best liquid minerals **have been dissolved in a liquid**, usually water, and are in much smaller forms than powdered minerals. Yet there are limitations to liquid minerals. Some people defeat the purpose of vitamins and minerals by adding chocolate flavor or other flavors. By adding all of the pretty colors and dyes and sugar to vitamin and mineral supplements, you are defeating their purpose. The body has to use those minerals to rid itself of all of the pollutants you just added. Be sure to drink pure water and take minerals in their purest form without additives.

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### ***Examples Of Unusable Inorganic Mineral Supplements***

Many supplement companies have products that are not in a usable form because they are inorganic compounds. Compounds can be natural or manmade. Natural compounds are called organic compounds. Manmade or synthetic compounds that are not found in nature or naturally in food are called inorganic compounds.

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Calcium carbonate is not calcium. Chromium picolinate is not chrome Copper glutamate is not copper. Zinc picolinate is not zinc.. These are all complex molecular compounds that are not in forms the body can use.

A product that is **organic, and angstrom in size and water soluble**, can be absorbed into the upper stomach and utilized by the body much easier.

### *Studies using Inorganic Minerals*

Many studies claim to test products like calcium while using a carbonate of calcium. Because calcium carbonate is a compound that is not calcium, how can you know how accurate these studies are? Was the RDA calculated with test results using calcium or calcium carbonate. They don't tell us. What would the results have been if they used the proper form? Glenn's comment: This same problem exists with all studies that omit saying the exact form of mineral or vitamin used in the study.

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### *Silver*

Silver may interfere with your body's absorption of certain drugs. These include antibiotics and thyroid deficiency medication, so check with a medical professional first before taking silver if you are in doubt.

We are talking about ionized silver which is DISSOLVED in a liquid (usually water) and angstrom sized. This silver steals an electron to balance itself out, thus destroying pathogens.

**Silver crosses the Blood-Brain Barrier and Kills Virus & Bacteria when in the proper form.**

**Silver kills the pathogenic harmful bacteria, but does not kill beneficial bacteria.**

#### **Bacteria and Viruses Are Killed BY Silver**

Silver is different than zinc because it actually kills viruses and bacteria. It also stops replication. Unlike zinc, silver does not reside in all the fluids that cells call home. For instance, silver is not found in your sweat. After using the zinc to put a bacterial or viral infection on hold, you can use silver to finish off the flu. Silver has been reported to kill every virus known to man. In fact it has been shown to kill over six hundred and fifty (650) viruses. It has been reported that silver kills viruses due to the valence charge (A Valence charge is a charge on electrons in the outer energy level of an atom ) that surrounds the silver molecule. Silver only kills the harmful bacteria. The friendly bacteria in our digestive tract seem to be immune from silver and zinc because they have a different charge. Silver is also used to treat severe burn patients in hospitals. It has been reported that having silver in the bloodstream increases the healing process of fractured bone. Small amounts of silver have been used to preserve food. The human body has no immune system in certain places like your spinal fluid and many major organs. It has been reported that a lady had a ten year backache and finally healed it by using silver. She knew she had a problem in her spinal area because she was in constant pain. She tried everything, including doctors and chiropractors. Then she tried every colloidal silver product on the market with no luck. **Then she found a water soluble silver** and within two hours after drinking two ounces at one hundred part per million her back pain disappeared. Silver, when in the correct form, can cross the blood-brain barrier. Did she have an infection in her spinal fluid and the silver reached it?

Once unstructured silver steals an electron it is balanced and no longer effective. Those are the inferior silvers that literally need one particle of silver to steal one electron. Now it's neutral and it's balanced and it can't steal any more. In a crystalline structure, silver has the ability to give, take, give, take, and even shoot electrons in a way that kills pathogens.

This is important because we have found that this single can become multiple, and it can come in a tetrahedral circle or a tetrahedral framework, and we call that a crystalline structure. So if we take silver,

which is “Ag,” and we take four of them, and we add all the oxygens that make it balanced, then each one of them has an oxygen and each one has a hydrogen, and all of a sudden we get a crystalline structure with hydrogen, with oxygen, and with silver. This silver particle can easily steal an electron, and then recharge this one, and then it can steal an electron, and recharge this one, and then it can steal an electron, recharging this one. As you can see, a crystalline structure is like a rapid-fire machine gun, killing killing killing killing, while the inferior forms of silver only kill one particle for every silver molecule that exists.

That’s why the old silver fell out of solution and could cause argyria (permanent bluing of the skin) With the new forms of silver the silvers stay bonded to the water and don’t fall out of solution to cause argyria.

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## *Copper*

Some believe that the RDA for copper is so low that you would die of an aneurism taking the recommended RDA. Glenn’s questions: What form of copper are they looking for? Are other RDAs as questionable?

**Copper should probably not be taken by individuals with hemochromatosis** because copper increases the body's ability to absorb iron. Hemochromatosis, the most common form of iron overload disease, is an inherited disorder that causes the body to absorb and store too much iron. The extra iron builds up in organs and damages them.

### **Copper In The Wrong Form Is Toxic**

Copper in the wrong form (i.e.: colloidal copper) that is micron or bigger in size can get into the bloodstream and deposit into the soft tissue, causing Schizophrenia, Doctor Jekyll/Mister Hyde behavior, violent rages, and Wilson's disease.

### **Hepatolenticular degeneration**

Hepatolenticular degeneration is an autosomal recessive genetic disorder in which copper accumulates in tissues. This manifests as neurological or psychiatric symptoms and liver disease. Too much copper, especially when in the wrong form, damages the liver and kidneys.

### **Birth control pills rob copper**

Standard birth control pills rob a woman of copper. How often have we heard of the tragedy of a seemingly healthy young woman who suddenly dies of a brain aneurism. A woman who refused to take copper supplements because she was told she was copper toxic (too much copper) later died of an aneurism caused by a lack of copper. They were testing for the wrong form of copper. Hair analysis can show very high copper and you can have a toxic overload of the wrong unusable copper and very low usable copper in the proper form.

### **Copper Deficiency - Symptoms**

Some things that copper has been reported to help with are: white hair, gray hair, brittle hair, sagging tissue, hernia, varicose veins, aneurisms, Kawasaki disease, anemia, hyperthyroid, arthritis, ruptured vertebral disks, liver cirrhosis, violent behavior, learning disabilities, cerebral palsy, high blood cholesterol, iron storage disease, glucose tolerance, allergies and hay fever. Copper deficiency has been linked to fragile blood vessels.

### **Removing Excess Copper From The Body**

The body does not have a good way of getting rid of excess copper from the body naturally.

Too much copper in the body (Hypercupremia) is typically treated with medication that reduces copper absorption or removes the excess copper from the body. There have been some medications developed to

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help chelate (remove) it, but they are prescription drugs, so if you feel you need to lower your body's copper, you need to see your doctor. Some of the main drugs used to reduce copper in the body are pencillamine, and trientine, though if you are very high, your doctor may feel you need to undergo dialysis to remove the excess copper from your bloodstream quickly.

Another way, as suggested by some, to remove excess copper which is causing copper toxicity is to consume the correct type of copper, because the body will try to release (eliminate) unusable material when given material that is bio-available. The body will hang on to elements which are in the wrong form hoping to use them, but can't. Therefore, the body keeps accumulating the wrong type of mineral in whatever form it can get, until a disease appears.

### **Copper kills all parasites and intestinal tract worms.**

There are thousands of different kinds of parasites. Most are microscopic. Others can grow up to ten feet in length. Over 97% of the American people have some microscopic parasites and do not know it. Parasites can lower the immune system by stealing nutrition the body needs and by overtaxing the immune system. Recognizing your affliction is not always easy. Symptoms can be subtle, including an increased risk of cancer, weight gain, weight loss, inability to taste food, allergies, hay-fever, asthma, acne, high blood pressure and mental conditions. One person who had consumed eight ounces of water soluble copper started tasting her food again. It has been reported that a doctor who was given six weeks to live because of an incurable parasite problem. After drinking one, eight ounce bottle of water soluble copper his parasites died instead of him. When you kill parasites in your body with water soluble copper you may experience a healing crisis. This crisis is called the Herxheimer reaction, resulting from the decaying parasites. At this point your ammonia levels can climb and flu-like symptoms can develop. Don't panic, the unpleasant symptoms are short lived. It means your treatment worked.

### **Blood-Brain Barrier and Parasites**

Water soluble copper can kill all the worms and other parasites in the human body. It can cross the blood-brain barrier and go everywhere in the body on its parasite killing rampage, while not being toxic to the human body.

### **Gray Hair - May be caused by Copper and Zinc Deficiency**

Copper is supposed to prevent gray hair, but if you are copper deficient your hair might not turn back to its original color unless you have proper zinc with the copper

### **Hookworms And Loss Of Hearing**

A lady who did a lot of traveling to foreign lands had lost her hearing and had to wear hearing aids. After drinking an undetermined amount of water soluble copper the hookworms in her ears died and her hearing returned.

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## *Zinc*

### **Stop Bacterial and Viral Replication With Zinc**

Zinc stops bacterial and viral replication. This means they cannot reproduce. One important point is that zinc only interferes with anaerobic, nitrogen breathing bacteria. This is why a person who has the flu can consume zinc and get over the flu faster. Even though zinc does not kill pathogens upon contact, a person can use zinc to slow down or freeze a cold in its tracks; it cannot proceed with standard severity. Because zinc moves through all the fluids of the body it can create a defense against infections that are trying to enter the body. For instance, if you had zinc in your spit you could stop bacteria replication in your mouth, which in turn could stop bacteria from producing acids that dissolve tooth enamel.

Zinc is an interesting element. Steel nails are dipped in zinc. This is called galvanization. It is interesting to note that the steel will not rust once coated with zinc. The ability of zinc to stop oxidation makes it one of the most powerful antioxidants in the world. If you spray a proper zinc solution on a sliced apple, it will not turn brown. The oxidation has stopped. Zinc is put on roof flashing to stop moss and fungus growth. It was used on the battlefield during the civil war to stop infection.

### **Zinc -Symptoms of Deficiency**

If zinc is in your sweat you might not have body odor (BO) if the BO is caused by bacteria. Zinc deficiencies have been linked to numerous birth defects such as Down's Syndrome, cleft lip, Spina bifida, club limbs, hiatal hernia and umbilical hernia. Other conditions of zinc deficiency are Alzheimer's, paranoia, diabetes, PMS, cavities, depression, infertility, herpes, acne, obesity, alcoholism, hyper tension (high blood pressure), thyroid disorders, urinary tract infections, low libido, hair loss, Crohn's disease, prostate cancer and eye diseases. In one study, women who were given proper zinc supplementation showed a twenty percent (20%) increase in mental capacity over a six week period. Zinc has been shown to be important for proper brain function and hormone production, which can improve libido. Zinc has been proven to reduce the size of the prostate gland. Zinc is important for the proper maintenance of the male reproductive system. Zinc is important to the fluids of the ear and the health of the prostate. Older men are known to have two common problems; they are often hard of hearing and they can have prostate problems. Two very different symptoms of a common deficiency.

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### ***Silver and Zinc and the Immune System***

Silver and zinc can stay in the blood and create a secondary immune system that can help prevent viral problems before they start. If you can drink a water soluble silver, it will be totally clear in color. It would absorb and not build up in the body. It might even reach the lymph system and other organs, crossing the blood-brain barrier on its way to being discharged as the body desires.