

Colloidal Silver:

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The Rediscovery of a Super Ant



No known disease-causing organism can live in the presence of even minute traces of the chemical element of simple metallic silver, and there are **ZERO NEGATIVE SIDE EFFECTS!**

The ancient Romans and Greeks found that liquids would stay fresher longer if put in silver containers. Our own American pioneers found that a silver dollar put in a jug of milk would delay spoilage. They also found that if they would keep their silverware "hidden" in their water barrel that the water would not go bad.

Some people wonder why the FDA would allow such a powerful antibiotic to be sold over the counter without a prescription. There are two reasons: The first reason is that true colloidal silver is a Pre-1938 drug (by over fifty years) and so the FDA has stated that it may continue to be marketed (grand fathered). The second reason is that the FDA has no jurisdiction over a pure mineral element.

"As an antibiotic, silver kills over 650 disease-causing organisms; resistant strains fail to develop. Silver is absolutely non-toxic. Silver is the best all around germ fighter we have. Doctors are reporting that, taken internally, it works against syphilis, cholera and malaria, diabetes and severe burns."

More than 650 Diseases?

The following is a partial list of the more than 650 diseases that colloidal silver has been used successfully against: acne, AIDS (Reference 8), allergies, appendicitis, arthritis, athlete's foot, bladder inflammation, blood parasites, blood poisoning, boils, burns, cancer (References 2, 4, 7), candida, cholera, colitis, conjunctivitis, cystitis, dermatitis, diabetes (Reference 1), dysentery, eczema, fibrositis, gastritis, gonorrhea, hay fever, herpes, impetigo, indigestion, keratitis, leprosy, leukemia, lupus, lymphangitis, Lyme disease, malaria, meningitis, neurasthenia, parasitic infections: viral, fungal and bacterial pneumonia, pleurisy, prostate pruritus ani, psoriasis, purulent ophthalmia, rhinitis, rheumatism, ringworm, scarlet fever, septic conditions of the eyes, ears, mouth, and throat, seborrhea, septicemia, shingles, skin cancer, staphylococcus and streptococcus infections, stomach flu, syphilis, thyroid, tuberculosis, tonsillitis, toxemia, trachoma, all forms of virus, warts, whooping cough, yeast infection, stomach ulcer, canine parovirus and other veterinary uses, and all fungal and viral attacks on plants. Simply spray diluted silver on the leaves and add to the soil.

Tolerance To Disease Organisms

It is impossible for single-celled germs to mutate into silver-resistant forms, as happens with conventional antibiotics. Therefore no tolerance to colloidal silver ever

develops. Also, colloidal silver cannot interact or interfere with other medicine being taken. Inside the body, silver forms no toxic compounds nor reacts with anything other than a germ's oxygen-metabolizing enzyme. Colloidal silver is truly a safe, natural remedy for many of mankind's ills.

How It Works

Colloidal silver appears to be a powerful, natural antibiotic and preventative against infections. Acting as a catalyst, it reportedly disables the enzyme that one-celled bacteria, viruses and fungi need for their oxygen metabolism. They suffocate without corresponding harm occurring to human enzymes or parts of the human body chemistry. The result is the destruction of disease-causing organisms in the body and in the food.

Colloidal silver was in common use until 1938. Many remember their grandparents putting silver dollars in milk to prolong its freshness at room temperature.

The presence of colloidal silver near a virus, fungus, bacterium or any other single celled pathogen disables its oxygen metabolism enzyme, its chemical lung, so to say. Within a few minutes, the pathogen suffocates and dies, and is cleared out of the body by the immune, lymphatic and elimination systems. Unlike pharmaceutical antibiotics which destroy beneficial enzymes, colloidal silver leaves these tissue-cell enzymes intact, as they are radically different from the enzymes of primitive single-celled life. Thus colloidal silver is absolutely safe for humans, reptiles, plants and all multi-celled living matter.

Ingesting Colloidal Silver

Taken orally, the silver solution is absorbed from the mouth into the bloodstream, then transported quickly to the body cells. Swishing the solution under the tongue briefly before swallowing ensures fast absorption. In three to four days the silver will have accumulated in the tissues sufficiently for benefits to begin. Since colloidal silver is eliminated by the kidneys, lymph system and bowel after three weeks, a regular daily intake is recommended as a protection against dangerous pathogens. In cases of minor burns, an accumulation of colloidal silver can hasten healing, reducing scar tissue and infection. The lives of millions of people susceptible to chronic low-grade infections can be enhanced by this powerful preventative health measure.

Chronic or Serious Conditions

Take double or triple the recommended amount for 30 to 45 days, then drop to the maintenance dose. If your body is extremely ill or toxic, do not be in a hurry to clear up everything at once. If pathogens are killed off too quickly, the body's five eliminatory channels, i.e., the liver, kidneys, skin, lungs and bowel, may be temporarily overloaded, causing flu-like conditions, headache, extreme fatigue, dizziness, nausea or aching muscles. Ease off on the colloidal silver to the maintenance amount and increase your distilled water intake. Regular bowel movements are a must in order to relieve the discomforts of detoxification. Resolve to reduce sugar and saturated fats from the diet, and exercise more. Given the opportunity, the body's natural ability to heal will amaze you.

Satisfied Users

Satisfied users have taken one tablespoon daily, for four days, to establish a level, then one teaspoon daily for maintenance (proportional to body weight for children). Also, colloidal silver can be applied directly to cuts, scrapes, and open sores, or on a bandage for warts. It can be applied on eczema, itches, acne or bug bites. To purify water, add one tablespoon per gallon, shake well and wait six minutes. Mixed this way, it's tasteless. It is not an allopathic poison.

USES:

Colloidal silver is painless on cuts, abrasions, in open wounds, in the nostrils for a stuffy nose, and even in a baby's eyes because, unlike antiseptics, it does not destroy tissue cells. It's excellent as an underarm deodorant, since most underarm odor is caused by bacteria breaking down substances released by the sweat glands!

The list of minor and serious conditions that can be resolved using colloidal silver is practically endless. Colloidal silver has the capacity to help you rid yourself of an untold number of infections, disease conditions, or environmental concerns caused by or aggravated by the growth of bacteria, viruses, parasites, fungus, or molds that are either inside or outside of your body, or in your living environment. Paradoxically, this extremely wide breadth of applications has the tendency to overwhelm most readers. The list is so long that people tend to de-focus and unwittingly minimize the full range of therapeutic possibilities that colloidal silver offers. They might rinse their gums with colloidal silver before swallowing, but not think about using it for anything else!

So, besides drinking it, put it into a small atomizer pump bottle (2 or 4 oz size) and carry it in your pocket. I obtained mine by rinsing out a bottle that originally had eyeglass cleaning solution in it, but there are dozens of products utilizing this type of fine sprayer bottle that are found in any drug store. By spraying it externally, you can clear up everything from Acne to Athlete's Foot & Diaper Rash to Poison Ivy. You'll be amazed and pleasantly surprised by the results. The ideas listed below are designed merely to stimulate your imagination. Don't limit yourself by assuming that this list is exhaustive. It's only the beginning! Remember, you need to try it in order to see for yourself what silver colloid can do.

If you're a mother with young children, watch how quickly diaper rash, eye infections and ear infections clear up with colloidal silver. For diaper rash, spray directly on the body and into the fresh diaper. You can apply it with an eye dropper for any type of eye infection. Ear infections quickly heal after spraying colloid in the ear, saturating a small piece of cotton for an earplug and then periodically re-spraying. Spray it on band-aid pads to shorten healing time. Spray immediately on burns (sunburns too) to prevent infections, lower pain, and promote faster healing with less scarring. Add to bath water, gargles, colon irrigation and Water-Pic solutions. Added to douches, women will find that it will rapidly clear up vaginal/yeast infections and most cases of cystitis.

Older folks who are bedridden can especially benefit from silver colloid. Rinse all sheets, pillow cases, towels, blankets, etc by pouring a large cupful into your washer during its rinse cycle. Naturally, spray it directly on festering bed sores, skin rashes,

psoriasis, etc. and watch what happens! Add to soaks for dentures and dental appliances.

Allergic reactions to certain foods or other irritants can cause hives or welts to appear on any area of the body of susceptible people shortly after exposure. Instead of running off to the doctor's office for a steroid prescription of topical Cortisone or worst yet, Prednisone, spray colloidal silver on the affected area and watch the hives completely disappear in 15 minutes or so!

I never come down with a bug after long plane trips because I always spray silver colloid in my mouth and inhale the mist through my nose and lungs every 30 minutes or so while on the plane. Oral spraying also eliminates bad breath and reduces gum inflammation or abscess pain.

Pet lovers need to add a capful to their pet's drinking water and spray inside opened cans of pet food that are stored in the refrigerator. Add a cupful to birdbaths, the dog's bath or your bath. Of course, spray it into Fluffy's fur and skin if she has any type of eczema, skin sore, abrasion, or a wound that won't heal, etc. Spray bedding and let it dry.

Put the colloidal silver in a larger pump bottle for use around the kitchen and bathroom. Mist sponges, towels, counters and cutting boards to eliminate odors (especially when preparing sea food), salmonella, E.Coli O157:H7, (the tainted beef bug that you've been reading about in the newspapers lately) and other food-borne pathogens. Spray on fruits and vegetables before storing. Use when canning, preserving or bottling. Add to milk to slow spoilage. Spray garbage cans and refrigerator shelves to eliminate unpleasant odors. Add to dishwasher and mopping solutions.

In the bathroom, spray shower stalls, toilets, bath mats, and pour a couple of cups into hot tubs or Jacuzzi. Add to water poured over saunas rocks or utilized in steam baths. Use in gymnasium foot dips. Spray it on urinals, bidets, toilet seats and sinks.

Around the house (or barn or survival area), add a capful to a gallon of water and use as a plant spray to stop fungi, molds, rot, and most plant diseases. Eliminate unwanted organisms in planter soils (E.g. Square Foot Gardening) and hydroponics systems. Add it to suspected drinking water when traveling or camping. It will neutralize all disease causing pathogens within six minutes. Spray it in your shoes or sneakers to eliminate foot odor. Household repairmen can add it to water based paints, wallpaper glues, and sizing compounds and never worry about mildew and mold again. If you live in a humid environment, spray it on carpets, drapes, and stored clothing and free yourself of musty odors and mildewed clothes

Veterinary and Garden Use

Colloidal silver has worked just as well on pets of all kinds. Used in proportion to body weight, it brings the same, sure results. In the garden, field or greenhouse, add enough to the water or soil and the plants will do the rest.

Additionally, there has never been a drug interaction with any other medication, nor can you overdose. Colloidal silver has proven to be both a remedy and a prevention for all infections, all colds, all flu and all fermentation due to any bacteria, virus or

fungus, even the non-apparent low-grade, general body infections most people have. All living things are in the colloidal chemical state, not the crystalline. Substances already in that form are more readily assimilated by the body. Colloidal silver is the most useable form of the most effective disease fighter there is.

Colloidal Silver in Advance of Illness

When taken orally each day, and applied topically when there is a skin problem, it's like having a second immune system. Older folks feel younger because their body energies are used for other than fighting disease, and digestion is better. Medical research has shown that silver promotes rapid healing, with less scar tissue, even in the case of severe burns. Fantastic successes have been reported in many cases previously given up by established doctors. Colloidal silver is tasteless and won't sting even a baby's eyes, and won't upset your stomach. It is produced today by a modernized, original process, at a tiny fraction of the pre-1938 cost, and is more concentrated. The silver acts only as a catalyst and is stabilized. It is absolutely non-toxic, except to one cell plants and animals, and is non addicting. It also kills parasites because they have a one cell egg stage in their reproductive cycle.

Certain bacteria are essential to healthy body function, such as acidophilus. Several researchers claim colloidal silver only attacks the unfriendly pathogens and will not harm the friendly, as Mark Metcalf's statement quoted above enforces. But one must wonder how it can possibly differentiate. One explanation is that the friendly bacteria are aerobic, while unfriendly bacteria are anaerobic. Also, it is said that the silver does not attack bacteria directly, but rather decomposes certain enzymes the anaerobic bacteria, viruses, yeast, and molds require. The silver acts as a catalyst and is not consumed in the process. It is probable that the reason the bacteria cannot develop a resistance to silver, as they do to antibiotics, is because silver does not directly them directly, but rather destroys the enzymes they depend on.

"The Yellow Color"

There has been a fair amount of controversy in the public literature concerning the appearance of the "yellow" color. A lot of well meaning people have told me that "yellow is bad", "silver isn't yellow", "yellow is sulfur contamination", "yellow is iron contamination", and lots of other things. I finally found what I believe to be the answer to this question in a book titled Practical Colloid Chemistry, published in London in 1926. In the section on the "Colours of Colloidal Metals", sub-section on the "Polychromism of silver solutions" on page 69, I found the following statements: "The continuous change in colour from yellow to blue corresponds to a change in the absorption maximum of the shorter to longer wave-lengths with a decreasing degree of dispersion. This is a general phenomenon in colloid chemistry illustrating the relation between colour and degree of dispersion." This section goes on to describe the colors that show up in a wide variety of colloidal metal solutions. Interestingly, they ALL have yellow phase. For true "electro-colloidal" silver, the particle size range that can appear yellow is .01 to .001 microns (10 to 100 angstroms) because that is the size of silver particle that best absorbs the indigo light, leaving only its inverse color, yellow, to be observed. The final transparent-yellow appearance only shows up after the particles have become evenly dispersed.

Colloidal or Ionic?

Another big controversy surrounds the question of whether this method produces "colloidal" silver or "ionic" silver. Most people have been told that colloidal silver is "good" and ionic silver is "bad." Once again, the truth might be unpopular. The word "colloidal" refers to a condition where, in this case, a solid particle is SUSPENDED in a liquid (silver in water). The solid particles are too large to be considered DISSOLVED, but are too small to be filtered out. This colloidal condition is most easily detected by what is called the "Tyndall effect", where a narrow beam of light is shined through the liquid to produce a cone shaped dispersion of the light. The particles so illuminated also exhibit a random, zig-zag activity called "Brownian motion" when observed under a microscope. When something is completely dissolved, both the Brownian and Tyndall effects disappear.

The word "ionic" refers to a condition where a particle has an electric charge. In the case of "electro-colloidal" silver, this electric charge is ALWAYS positive. Silver will not form a negatively charged ion. So, the truth is that electro-colloidal silver is BOTH colloidal and ionic. It is considered colloidal because of the particle SIZE and it is considered ionic because of the particle CHARGE. In fact, most of the biological studies suggest it is colloidal silver's ionic characteristics that make it such a good germicide. It is also interesting to note that the old chemistry books make no distinction between the colloidal and ionic states of the electro-colloidal metals.

Concentration

The concentration of silver in the water is usually measured in parts per million, or ppm. While this is the standard convention, ppm is a "ratio" and not an indicator of quantity. When a laboratory tests colloidal silver for concentration, they report the findings in milligrams per liter (mg/L). Milligrams per liter is an actual measurement of weight per volume, and therefore is a real quantity measurement. In the metric system, one liter of water weighs 1000 grams, and one milligram is one thousandth (1/1000) of a gram, so 1 mg/L is the same as 1 ppm, as long as we are talking about water. Silver weighs a little more than water, but the equivalence is very close, and the terms are often used interchangeably. With this in mind, we can calculate that one teaspoon of 5 ppm colloidal silver has about 25 mcg (micrograms) of silver in it.

Many producers will add yellow food coloring to low density colloid to make it appear that it is a high density, small particle product. Other producers will charge exorbitant prices for what they claim is a highly concentrated solution (E.g. 300-500 ppm) but is often, upon analysis, a low concentration solution (E.g. 3-5ppm). Bob Beck once analyzed a group of 8 different colloidal silver products purchased at a health expo. He found the majority of them to be of extremely poor quality, low concentration, and with undesirable additives such as EDTA, coloring, and gelatin for suspension.

Product Quality

Many brands of colloidal silver are inferior. The highest grade is produced by the electro-colloidal / non-chemical method where the silver particles and water have been colloided, i.e., dispersed within and bound to each other by an electric current. The super-fine silver particles are suspended indefinitely in demineralized water. The ideal color of colloidal silver is a light or golden yellow. Darker colors indicate larger

silver particles which tend to collect at the bottom of the container and are not true colloids. If a product contains a stabilizer or lists trace elements other than silver, or if it needs to be shaken, it is inferior. If a product requires refrigeration, some other ingredient is present that could spoil. The container and dropper must be glass, as plastic cannot preserve the silver in liquid suspension for any length of time. Some brands are actually unsafe. High concentrations of silver do not kill disease germs more effectively than the safe range of 3 to 5 parts per million (ppm).

Dosages:

It is my recommendation to start with a table spoon per day by placing the solution under the tongue for 20-30 seconds before swallowing. I use warm or room temperature distilled water to wash it down afterwards. After the first 3-4 days it is recommended to cut down to 1 level teaspoon per day. If you are not using my colloidal silver or do not know the actual particle size, you may wish to use only ½ teaspoon per day. As I stated above, I also recommend supplementing with a super strain acidophilus. God Bless you and your health!

Anthony Reinglas