

HOW COLLOIDAL SILVER WORKS

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Colloidal Silver seems to only attack the unfriendly pathogens or anaerobic ones and does no harm to the friendly or aerobic ones. How does it differentiate? For the most part, friendly bacteria are aerobic (needing oxygen) while unfriendly bacteria are anaerobic. 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. The reason that the bacteria do not develop a resistance to silver, as they do to anti-biotics, is because silver does not attack them directly, but rather destroys the enzymes they depend on.

Many forms of bacteria, fungus, and viruses utilize a specific enzyme for their metabolism. Silver acts as a catalyst, effectively disabling the enzyme. It is toxic to all species tested of fungi, bacteria, protozoa, parasites, and many viruses. To primitive life forms, silver is toxic as the most powerful chemical disinfectants.

There is no known disease-causing organism that can live in the presence of even minute traces of the chemical element of simple metallic silver. Based on laboratory tests, destructive bacteria, virus, and fungus organisms are killed within minutes of contact. Larry C. Ford, M.D. of the Department of Obstetrics and Gynecology, UCLA School of Medicine, Center for the Health Sciences reported in a letter dated November 1, 1988 that the silver solutions were anti-bacterial and fungicidal for *Candida Albicans* and *Candida Globata*.

E.M. Crooks has stated that Colloidal Silver kills pathogenic organisms in three or four minutes upon contact. In fact there is no microbe known that is not killed by Colloidal Silver in six minutes or less and there is no side effects what so ever from the highest concentration.

Colloidal Silver is effective against infections, colds, influenza, and fermentation. Parasites are also killed while in their egg stage. It is tasteless, odorless, and nontoxic. It is effective with meals as a digestive aid - no fermentation of food in the intestine.

Alfred.B. Searle the founder and owner of the giant pharmaceutical company Searle Pharmaceuticals (now known as Monsanto) published a book in 1919 "The Use of Colloids in Health & Disease" pointed out that one important advantage of using Colloidal Silver is that it has no recorded side effects. It also does not stain the skin, unlike certain pharmaceutical preparations

of silver that do stain the skin quite strongly. Further more he went on to state that "for internal administration, Colloidal Silver has the advantage of being rapidly fatal to all parasites without any toxic action to the host"

Dr. Leonard Keene A.M.M.D. (John Hopkins) concluded that from a therapeutic point of view only the colloidal metals present the necessary homogeneity, minuteness of granules purity, and stability for maximum health. One critical indicator of the quality of Colloidal Silver is its color. A lot has been written about the necessity of Colloidal Silver to be a pale to deep golden yellow colour, but this applies specifically to "home made Low Voltage-brews". As the size of the silver particles gets larger, the color of the suspension ranges from light yellow to golden yellow to brown to red to gray to black. The ideal form of Colloidal Silver, is CLEAR to Very Pale Yellow if made using the High Voltage method. The best Colloidal Silver to purchase is the product made by the HVAC method as it has a longer shelf life. It can be kept for as long as 12 months without "dropping out or plating out". The other very important advantage is that it can be stored in high quality pharmaceutical grade PET plastic bottles without any effect on its quality –unlike the low voltage method which is affected by light and storage.

Colloidal Silver has been well documented to be the best broad spectrum antibiotic available. The reason it has not been widely used is because of the high cost of production. Retail price has ranged from US\$100 to US\$200 an ounce. With the advancements in the manufacturing process in recent years, the price has come down of this wonderful product. Colloidal Silver is now an economical and effective source of silver for everyone.