



Colloidal Silver...

**An old medical treatment is
"rediscovered" and is making a comeback!**

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Historically.... A Common Antiseptic

Silver was used medicinally for thousands of years. In fact, it was used successfully until the early part of the 20th century as an antibiotic and prophylactic against disease. People used to put silver coins in milk to keep it from spoiling. However, with the introduction of antibiotics in the 1940's, silver dropped from use.

Like many other remedies of the past, colloidal silver is being rediscovered. Its powerful yet gentle and effective anti-microbial action spells death to one-celled organisms, yet, it is completely harmless to multicellular animals.

FDA Interference

At one time, the FDA stated that because colloidal silver was a pre- 1938 drug (by fifty years), it could continue to be marketed in the same manner as before 1938. However, they reversed this stance in a subsequent statement.

Because of the latest FDA ruling, one can discuss colloidal silver's ability to kill *Staphylococcus*, *Streptococcus*, *Candida*, and 650 other microbes, but, one cannot make any claims that it will cure any of the diseases these organisms cause, such as *strep throat*, *pneumonia*, *ringworm*, etc. Regardless of what diseases colloidal silver cured, or what research was done prior to 1938, claims about colloidal silver's efficacy against diseases cannot be made today without going through the long, expensive FDA drug approval process. Meanwhile, more and more organisms become resistant to today's antibiotics.

Limitations of Antibiotics

Even when first discovered, antibiotics are effective against only a limited number of organisms (usually half a dozen or less per drug). As these microbes mutate over time, resistant strains develop, not against just one, but many antibiotics. Due to the heavy use of antibiotics, modern medicine's arsenal of weapons grows smaller as many common as well as exotic pathogens now exhibit multiple drug resistance (MDR).

The first penicillin-resistant bacterium discovered was the one responsible for causing an epidemic in Papua, New Guinea in 1967, before the Surgeon General of the United States testified before Congress in 1969, stating: **The time has come to close the book on infectious diseases.**

Resistant strains of pneumococcal pneumonia have now spread worldwide and are responsible for killing tens of thousands of elderly Americans. Pneumococcus is also the causative agent in about 50% of pediatric middle

ear infections.

Often, the largest risk to patients today is not surgery that brings them to the hospital, but the nosocomial (hospital-acquired) infections that are all too commonly spread by direct and indirect contact of patients and staff.

What is Colloidal Silver?

Being a true colloid, the particles are extremely small, 0.01 to 0.001 microns in diameter (one micron is equal to one millionth of a meter), electrically charged, and suspended in distilled, de-ionized water. A flashlight held against the solution will show a light cloud containing the particles. If the silver is 99.999% pure, the liquid will have a very pale, yellowish cast.

It must be stored in the dark, as with photographic paper also containing silver, it will "turn" if left in light. A pure solution of colloidal silver does not need and should not have preservatives, stabilizers, or any additives.

What is Colloidal Silver?

Colloidal silver has been shown to kill all one-celled, disease-causing organisms tested — in six minutes or less (over 650 species of bacteria, fungi and viruses have been tested, so far). The silver acts as a catalyst, disabling an enzyme these microbes require for oxygen metabolism. With a basic metabolic function shutdown, the microbes can't mutate and consequently, can't develop resistance to the silver.

The best method for producing colloidal silver today (by the electro- colloidal process) is considered superior to those of the past. If done correctly, the colloidal particles in the suspension are within proper range of size, and are uniformly charged.

Uses of Colloidal Silver

Colloidal silver was used orally, topically, and intravenously in the past. No overdoses or drug interactions have been described or documented in the literature. The Environmental Protection Agency's Poison Control Center reports no toxicity listing for colloidal silver, considering it harmless in any concentration.

There is an adult Recommended Daily Allowance (RDA) for silver—yet it is mysteriously absent from the ingredients on multiple vitamin and mineral supplements. Research done in the 1940s and 1960s showed that average normal diets included 50 - 100mcg of silver. But due to intensive agriculture and the subsequent mineral depletion of our soils, the average diet today is deficient in trace minerals: chromium, selenium, silver and others.

As a daily supplement, it has been suggested that adults take 1 tsp. for four days, then 1/2 tsp. daily thereafter (children are given the same proportion by body weight). For infections or prophylaxis, literature suggested that adults have taken 1 tsp. twice daily for seven days, then 112 tsp. for seven days. Eating yogurt or taking Lactobacillus acidophilus capsules (found with vitamins in discount stores) approximately three hours after the silver, has been recommended. However, at the concentration of 3 - 5ppm, colloidal silver should have little effect on beneficial bacteria in the gut. Higher concentrations are not needed, as they tend to kill some beneficial bacteria, as well as the pathogenic.

Silver has been used as a gargle and for nose drops. To open sinuses, a small amount was poured in the left hand, (holding right nostril closed with right hand) while it was "snorted" up the nasal passage. The process was then repeated on the right side.

It has also been used as a digestive aid, and to prevent flatulence. Additionally, colloidal silver was applied topically to clean cuts, to treat sores, athlete's foot, eczema, infections, insect bites and any skin irritation. Dressings were also soaked in the silver and bandaged over problem areas.

Colloidal silver is used to disinfect drinking water by adding 1/2 teaspoon of a standard dilution (5ppm) to one gallon of water. Stir well, then wait six minutes before drinking. It has been used also to sterilize water in swimming pools. It can be added to vaporizers and humidifiers to keep bacteria from growing in these moist environments. When preserving foods by canning, add 1/4 teaspoon per quart. It can be applied by a sprayer to kill plant infections. ERR

Some Uses of Colloidal Silver

These are some of the more than 650 diseases and conditions that colloidal silver was used to treat successfully in the past. This list in no way should be construed or relied upon as medical advice. Always consult your health care professional if a serious condition exists.

acne	eczema	psoriasis
allergies	fibrositis	rheumatism
appendicitis	gastritis	scarlet
arthritis	gonorrhoea	fever
athlete's foot	herpes	septicemia
bladder	impetigo	shingles
inflammation	indigestion	skin cancer
blood	keratitis	staph and
parasites	leprosy	strep
boils	leukemia	infections
bubonic	lupus	syphilis
plague	lymphagitis	thyroid
burns	Lymes	conditions
cancer	disease	tonsillitis
candidiasis	malaria	toxemia
chilblains	meningitis	trachoma
cholera	neurasthenia	dermatitis
colitis	pneumonia	warts
conjunctivitis	pleurisy	whooping
cystitis	prostate	cough
dermatitis	problems	yeast
diabetes	pruritus ani	infections
dysentery		stomach
		ulcers
		tuberculosis

... in other words, bacterial, fungal, and viral infections. It has also been used against canine parvovirus and other veterinary diseases.

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