



## American Biotech Labs: Colloidal Silver SilverSol/Silver Biotics

### What is Colloidal Silver?

A colloid lies between a suspension and a solution. Colloidal Silver is a suspension of metallic silver particles in purified water.

Silver has a long history of killing bacteria. It is where the expression “born with a silver spoon in his mouth” comes from. During The Plague wealthy families were able to afford silverware and would hold the spoons in their mouths, thus absorbing some of the silver. This helped to protect them from common illnesses of the time. Colloidal Silver was used following the Civil War to prevent infection but when antibiotics were discovered its use decreased because antibiotics were initially so effective, and in many cases still are.

Once absorbed through the bacterial cell wall, the silver kills the bacteria by blocking its mitochondrial energy production. Silver Biotics particles replace hydrogen atoms in the mitochondria, paralyzing the energy production that the bacteria needs to function. This is important, because silver does not target a specific mechanism used by a few bacteria to support themselves. Because Silver Biotics is so broad spectrum a bactericide, it does not generate strains of bacteria that are resistant. In other words, the bacteria cannot mutate from the colloidal silver, the silver is able to kill them outright. Silver Biotics cannot be absorbed by human and animal cell walls because of the specific nature of our cells.

### What is SilverSol or Silver Biotics?

It is a new type of colloidal silver that uses “nano-technology” and has proven to be non-toxic by extensive international testing. It was developed by American Biotech Labs over 20 years ago.

- It is the only colloidal silver to receive a patent in over 100 years
- The only one approved safe for consumer use by the EPA and FDA for use with humans and animals under a pharmaceutical label.
- It is extremely effective at treating infections from a variety of bacteria *including MRSA*.
- Widely studied by universities in the USA and overseas; has undergone thousands of tests.
- An independent international laboratory (NAMSA) did toxicology studies and found no residual in human tissues even with extremely high concentrations.
- Humanitarian aid groups have extensively used it in Africa, Asia and South America.

### What is the worry about a “Super Bug?”

Most bacteria have mutated to develop resistance to antibiotics. The reason your physician prescribes your antibiotics for a certain length of time (even after the symptoms have disappeared) is to prevent the few surviving bacteria from finding a way to out-smart the antibiotic. Super bugs such as MRSA (Methacillin Resistant Staph Aureus) as well as others are now resistant to all but the most powerful new intravenous antibiotics and these sometimes fail as well.

## **Effectiveness:**

SilverSol/Silver Biotics is more effective at a 10 ppm (parts per million) than all other colloidal silvers at a much higher ppm concentration due its patented technology. There have been cases of individuals who became permanently disfigured (skin turned grayish) by using large amounts of impure colloidal silvers (silver salts actually) a condition called Argyria. This does NOT occur with the SilverSol/Silver Biotics. Its ingredients are water and silver only, no other carrier molecule needed. Nor will it eliminate the beneficial bacteria in the intestines, a big problem with antibiotics.

SilverSol/Silver Biotics is **NOT** a replacement for antibiotics but rather is intended as a potential first line of defense in treating infections. If there is no improvement in your condition you may then need to use an antibiotic, and this occasionally happens. The developers at American Biotech Labs hope that using the Silver Biotics as an antibiotic alternative this may help prevent or reduce the overuse of antibiotics, the development of Super Bugs and protect our gut microbiome.

## **How to use:**

This Silver Solution is intended as a possible first line of defense against infection, not as a replacement to antibiotics. When it works, it works noticeably and quickly (with in the first 12 to 48 hours). If no improvement is seen, consult your Doctor about further treatment.

**Cuts, scrapes, burns, diaper rash, wounds:** Spray or pour onto the area and leave uncovered and wet for 5-10 minutes per application. Be sure contact is at least 5 minutes. Apply 1-3x/day depending on the severity. Frequently burns and cuts have healed rapidly and with virtually no scarring. For larger or more serious infections you may need to drink some each day as well as apply to the area.

**Eye infection:** It can be placed directly in the eye and only one drop is needed. Repeat 3x/day. It will not hurt but you might feel the eye briefly become a little "tight" due to its anti-inflammatory properties.

**Ear infection:** Lie down with the ear facing up and place 2-3 drops in the ear. Keep your head on its side for 10 minutes and preferably up to 30 before moving around. Repeat 2-3x/day. Frequently pain is reduced immediately due to the anti-inflammatory properties. Improvement in overall symptoms may be seen in 4-24 hours. Keep repeating until all symptoms are gone for a couple of days.

**Sinus Infection:** If using a Nettie Pot or nasal douche, add ¼ tsp to sterile water and irrigate sinus's 3x's per day. Relief may be noticeable in 24 hours.

**Upper respiratory infections:** The suggested amount to use is to take 2 tsp 3x's daily by mouth. Many doctors report that their patients are showing signs of recovery in three days and are gaining full recovery in about six days. To speed up the process use the Silver in a nebulizer.

**Prevention of colds:** Taking one tsp each day can help strengthen the immune system during cold and flu season and help prevent getting a viral infection. The Nano Silver liquid appears to be more effective as a prophylactic (preventative) than as a cure for the common cold. To help speed recuperation time, take two teaspoons 3x's daily after the onset of a cold.

**Laryngitis:** Spray into the back of throat and gargle with at least ½ tsp 3-4x's/day.

**Gum Disease and Canker Sores:** It is excellent in reducing gum disease. Hold ½ tsp in mouth at least three minutes before swallowing, allowing it to cover the gums.

**Active UTI:** Take a full 4 oz bottle all at once when symptoms first begin. The concentration in the bladder helps to capture all the bacteria and in many cases can halt further progression. This may need to be repeated for up to four days. See your doctor immediately if your symptoms are getting worse.

***\*\*\*If symptoms persist you will have to see your doctor\*\*\****

UTI's can be very serious and often result in sometimes life-threatening illness requiring hospitalization.

**Recurrent UTI's:** Taking ½ tsp each day may help prevent recurrent UTI's.

**Inflammation of the Joints:** There have been reports of improvement with various types of joint pain, supposedly from its anti-inflammatory properties.

**Food Poisoning:** The Silver has been shown to kill six types of bacteria that commonly cause food poisoning. Drink 1-3 TBSP's at onset. Positive results have been reported in as little as 10 minutes or up to three hours.

**Flu:** Take 2 tsp of the Silver at least 2-3x's daily by mouth. Hold the solution in your mouth (gargle if possible) for three to five minutes before swallowing. Noticeable improvements have been reported in 1-3 days, especially if taken at onset of sickness. Slower success rates are reported if only taken after the bacteria or virus has become entrenched in the body.

If someone in your family gets the flu, it is important to have the rest of the family use the Silver liquid daily, so that it may help boost their immune systems. This may help protect the rest of the family and help keep the sickness from spreading to other family members. Even if they do not show symptoms, many of the other family members may have already been infected with the flu virus; for this reason it is important for the rest of the family use the Silver for prevention.



Be Healthy and Happy!

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