



# Immune Health with Silver

The *San Francisco Chronicle* reported in December 2009, “The swine flu vaccine shortage caught most of the country by surprise, muddling distribution plans at the state and county levels and often leaving patients who needed the vaccine the most with no means of getting it.”

Incidence as of early 2010 is waning, but nobody knows if H1N1 will come roaring back or what is on the horizon, say public health officials. Listen to the talk



## Resources

Dr. Rentz recommends Sovereign Silver hydrosol, as well as their homeopathic preparation. Sovereign Silver’s First Aid Gel, the only true topical silver homeopathic on the market, is a safe, effective, low-dose, versatile product that exemplifies the unique characteristics that make silver such a desirable health tool. In addition, the company offers silver hydrosol for ingestion as a dietary supplement in support of the immune system.

For more information or to find a retailer in your area, visit [www.sovereignsilver.com](http://www.sovereignsilver.com), or call 888-328-8840.

shows, and you will learn that a lot of people opted out of the swine flu vaccine. Why is this? Well not everyone is convinced vaccinations are the way to go. They may be concerned about side effects or simply believe that a natural pathway to health is more appropriate than synthetic intervention. This is a decision that each person needs to make individually.

But no matter what you decide, one tool you do not want to be without is silver hydrosol and homeopathic silver. How can silver be so universally helpful? The answer is in the science.

When reduced into its tiniest particles, silver’s highly charged electrons interfere with the worst of the smallest dangerous organisms and kill them on contact, according to clinical and *in vitro* studies.

Researchers suspect silver interferes with the mitochondrial function. The mitochondria are separate bacterial factories inside the cells themselves. Tiny nanosilver particles slip in through the membranes to the bacterial factories within cells and interfere with their respiration.

One of the biggest threats to health is when the body is rundown with organisms. Silver supports the immune system’s normal production of macrophages and helps other immune cells that alert the whole system to changes in homeostasis.

When used regularly, silver can help to keep

your body in a healthy state that is free from build-up of biofilms and other disease facilitators. Biofilms are colonies of bad bacteria linked with declining health.

In the June 2009 issue of *Archives of Oral Biology*, researchers from the Regensburg University Medical Centre reported on the ability of silver to interfere with biofilms. The addition of silver “reduced the number of adhering streptococci. Simultaneously, it increased the percentage of dead and inactive cells.... Thus, silver additives seem to demonstrate anti-adherence activity as well as a bactericidal effect.”

But there is another aspect of silver that is especially important in dealing with inflammatory stressors such as the swine flu. This is because of nanosilver’s ability to maintain healthy cytokine expression.

This is what we have learned, according to Eric Rentz, D.O., a physician in active practice since 1985, and American Osteopathic Association board-certified in two areas—neuromuscular skeletal medicine and osteopathic manipulative medicine. He is one of the world’s leading experts in nutritional silver, and, in addition to recommending it to his patients, uses silver hydrosol personally to help protect himself and aid in tissue repair.

## CYTOKINE STORM MAKER

Swine flu "is an RNA virus," says Dr. Rentz. "An RNA virus is more lethal than DNA viruses because they are smaller and they are more aggressive with a faster replication rate; it takes a little longer for the immune system to respond to RNA viruses." Once you are infected, it initiates an exaggerated cytokine response. While we always have cytokines circulating in our bloodstream, in this case, they become exaggerated. Imagine storm clouds passing through your body; that's what the cytokines are like, inflammatory storms.

Nanosilver has been shown to quiet these immune storms. "Silver has been recognized as an antimicrobial component in therapeutic wound treatment for many years. There is increasing evidence that silver nanoparticles can promote wound healing and may also possess anti-inflammatory properties," say researchers in a 2009 full-length report in *ChemMedChem* (4:1129-36).

These researchers are careful to distinguish the modern nanosilver from all other forms. In other words, the science of creating nanosilver is a generation away from the old-time silver nitrate. "Silver nanoparticles (nAg) have been found to exhibit different physicochemical properties and biological activities than those of silver salts. In our previous study, we demonstrated that nAg could induce rapid healing in a thermal injury animal model through their antimicrobial properties, capacity to decrease wound inflammation, and ability to modulate fibrogenic cytokines. Furthermore, we found that at the systemic level, the amounts of inflammatory markers were significantly decreased in animals treated with nAg. Taken together, these results suggest that nAg may be involved in altering or suppressing inflammatory events in the early phases of wound healing, and the use of nAg may be clinically applicable to other diseases."

The researchers proposed that silver's ability to enhance healing is due to its ability to help the body maintain healthy cytokine expression.

"Silver should be in every person's medicine cabinet. It should be one of the first things they reach for daily use, I would use the spray, and after getting ready to go out in the morning, I would spritz it under my tongue to provide protection against potential infection," says Dr. Rentz.

Dr. Rentz, like so many doctors and health professionals today, utilizes Sovereign Silver®, both the hydrosol and homeopathic gel, America's leading brand. "Sovereign Silver is truly in a class of its own," he says. He notes it has the smallest documented particle size ever at 0.8 nm nanometers, and with silver, the smaller the better because it becomes even more active or oligodynamic. Sovereign Silver has 96 percent actively charged particles yet safe low concentrations of 10 parts per million and is made from 99.999 percent silver.

- + **Maintenance:** 1 teaspoon daily
- + **Immune-building:** 3 teaspoons daily
- + **Chronic immune support:** 5 teaspoons daily
- + **Acute immune support:** 7 teaspoons daily
- + **Topical gel use:** Clean affected area and apply as needed

Promote topical healing and relief naturally with  
**Sovereign Silver® Homeopathic Silver First Aid Gel**

Finally, an all natural,  
odorless, non-stinging,  
Silver First Aid Gel for  
the whole family!



## The Sovereign Silver® Topical Advantage

**Sovereign Silver® Homeopathic Silver First Aid Gel** is the perfect alternative to conventional and herbal topical treatments. **Unlike Neosporin®** (which contains cottonseed oil, sodium pyruvate, tocopheryl acetate and white petrolatum), **Oil of Oregano** (known as harsh and smelly), **Tea Tree Oil** (which stings, as well as having a strong odor), **Emu Oil** (animal derived with preservatives), **Grapefruit Seed Extract** (caustic and therefore stings and burns), and others, our First Aid Gel is water-based and contains no synthetic preservatives.

Available in 1oz and 2oz sizes.



(Toll-Free) 1-888-328-8840 • (Int'l) +1-954-979-0885  
[www.sovereignsilver.com](http://www.sovereignsilver.com)