

Colloidal Silver: A Sterling Discovery

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What kills the HIV-1 (and virtually any other) virus? The answer may surprise you: Silver. In a landmark study, the *Journal of Nanotechnology* has published research that found silver nanoparticles (microscopic particles) kill HIV-1 and are likely to kill nearly any other virus out there. The first study to ever explore the medicinal benefits of silver nanoparticles, it was conducted by the University of Texas and Mexico University.

During the study, researchers incubated the HIV-1 virus at 37°C, and then introduced it to silver nanoparticles. Surprisingly, the silver particles killed 100% of the virus *within 3 hours*. (For you scientists: The researchers believe that the silver particles bonded through glycoprotein knobs on the virus with spacing of about 22 nanometers in length.)

A separate study conducted in 1991 by the Colloidal Science Laboratory in Wesampton, NJ found conclusively that, if ingested, nanometer-sized particles of colloidal silver do enter the bloodstream through absorption through the gastrointestinal tract.

When taken together, these two studies suggest something remarkable: Colloidal silver may literally be the “silver bullet” needed to kill bacteria and viruses that are growing ever more resistant to conventional treatments. Researchers of the more recent study said that they had already begun experiments using silver nanoparticles to kill what is known as the “super bug” (Methicillin resistant *staphylococcus aureus*). Already used as a topical antibiotic in the medical industry, silver may now come under consideration as an alternative to drugs when it comes to fighting previously untreatable viruses such as the Tamiflu resistant avian flu.

These new findings shift the question from the bioavailability of colloidal silver to one that focuses on the quality and integrity of the various colloidal silver products sold in health food stores all throughout the nation. Presumably, a high-quality colloidal silver product could produce some significant health benefits.

Sources

Free-Market News Network

<http://www.freemarketnews.com/WorldNews.asp?nid=1401>

<http://www.silver-colloids.com/Tables/Experiment.PDF>