

How do silver ions work?

Silver ions are special and quite unique. Silver ions carry a positive electrostatic charge because they are missing their outer-most "*valence*" electron. This positive charge has the ability to steal vital electrons within pathogenic material. In the scientific world, this is the process "oxidizing" a substance or assisting the process of oxidation.

In essence, silver is a "*transition metal*" which means it can assume multiple oxidation states as well as oxidize other substances. It is this very action that allows the silver ion to assist the oxidation of pathogenic bacteria and organisms.

Silver ions also possess the greatest potential for surface area. As far as small size, there is simply no comparison when measuring a silver ion vs. an average silver nano-particle. Silver ions are single entities of silver while particles can be up to hundreds or thousands of silver atoms bonded together.

Although silver particles and ions have both proven to be anti-bacterial, anti-fungal, anti-pathogenic and antiviral, they should be implemented differently based on the type of ailment you choose to target.

These statements have not been evaluated by the FDA. While we present information suggesting benefits of colloidal/ionic silver, we cannot in any way recommend that you attempt to treat yourself with our devices or solution except under the guidance of a physician, and that you never seek to use silver-based supplements from any manufacturer as anything other than an adjuvant to conventional medical care. We do not seek to diagnose or treat any medical condition, only to provide the highest quality products and silver supplements in a marketplace saturated with solutions and devices spanning the full spectrum of quality, workmanship, and safety. Although we do not want to deter you from using silver-based products and supplements, health and wellness should be approached with a level head and plentiful information. We encourage you to consider the research and articles provided on our web site and to discuss the potential benefits of silver with your physician as an adjuvant to your current health regimen. To ensure that you and your doctor can make the best decisions regarding your health and well-being, we are happy to provide additional information to consumers and healthcare professionals alike.