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Excerpt from “A New Fighting Chance”

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What is this New Structured Silver?

Silver is today where penicillin was 80 years ago, but it won't have penicillin's problems and won't require a prescription. It comes in many forms, the most popular of which are liquid and gel.

Liquid silver is a remarkably simple antimicrobial solution. It is composed of 0.001% pure metallic silver and 99.999% pure water.

The new structured silver is also alkaline. And that's it. All other silver liquids are acidic. The alkaline structured silvers are manufactured with high intensity electromagnetic pulses at a frequency that produces an alkaline charge. This is great for the body because it is designed to work in conjunction with the human body and can be taken every day. While the acidic forms of silver are good for temporary relief, their acidic nature makes it more difficult on your body to take on a regular basis.

Although it may have a faint metallic or medicine-like taste to it, the new silver is a clear liquid that looks and smells like water. That's because it is 99.999% water. Yet it is changing the way we think of preventive medicine.

It is safe enough to self-administer and yet destroys the cause of the most dangerous diseases known to

humanity. It is changing the way we prevent disease and defend ourselves against contagious diseases because it works even when we don't know what the disease is.

It destroys the cause of disease and does so with a greater spectrum of activity than any antibiotic, making it a natural alternative to antibiotics. Yet, unlike most pharmaceutical products, it has no side effects.

The silver particles have specific and unique characteristics, including a specific size, a specific electron configuration, a specific magnetic resonance, a specific pH, a specific magnetic signature, and a specific structuring effect on the water molecules. Silver technology has made huge improvements over the old-style colloidal silvers of 100 years ago.

The resulting combination of silver and water has some very unusual properties. Some of these effects are best understood through the lens of physics as opposed to chemistry. Considering that most people view their health through the lens of biochemistry, the effectiveness of this new silver can catch people by surprise.

Specifically, the newest and most effective structured silver liquids can be identified by these characteristics:

- 10-30 ppm silver in water
- a mild alkaline pH (7.0 to 7.6 pH)
- molecular structuring (structured water)
- magnetic properties
- quality control that is vastly improved over old-style silvers

If you are using a silver liquid that is acidic, ionic, or does not use structured water, you are not using the latest and most effective products.

The gel form of silver contains a similar combination of silver and water, but has also been pH-adjusted

so that it is ideal for topical use. It has been made with maximum safety and purity in mind. Unlike many cosmetic products that contain carcinogens, pesticides, reproductive toxins, and hormone disruptors, this new gel does not. With specific reference to the David Suzuki Foundation's "Dirty Dozen" list of substances to avoid in cosmetic products, newer silver gels do not contain:

- BHA or BHT (preservatives that may cause cancer and endocrine disruption)
- Coal tar dyes; p-phenylenediamine (artificial colors with heavy metals and cancer-causing potential)
- DEA, MEA, and TEA (eg. triethanolamine)
- Bibutyl phthalate
- Formaldehydes
- Parabens
- Parfum
- PEGs (eg. polyethylene glycol)
- Petroatum
- Siloxanes
- Sodium laureth sulfate
- Triclosan

If you are using a silver gel that contains parfum, TEA, or other substances listed above, you are NOT using the latest and best products.

In summary, silver is an unusual combination of silver and water that safely kills pathogens. It comes in a newly perfected structured form that offers outstanding benefits without side effects or harmful chemicals.

It might save your life or the lives of people you love.

Silver History

Silver has been used as medicine and a preservative by many cultures throughout history. Ancient Greeks used silver vessels for water purification. Pioneers trekking across the American west used it to keep their water safe and prevent dysentery, colds, and flu; they actually put silver dollars in their milk containers and wooden water casks to retard the growth of bacteria. Settlers in the Australian outback suspended silverware in their water tanks to retard spoilage. People in India still wrap some food and candies in a thin silver foil to prevent spoilage, which is then literally consumed along with the food.

Medicinal silver compounds were developed in the late 1800's and there was widespread use of silver compounds and colloids (small particles dispersed in water) prior to 1930. By 1940 there were approximately 48 different silver compounds marketed and used to treat virtually every infectious disease. These were available in oral, injectable, and topical forms. They carried such names as: Albargin, Novargan, Proganol, and Silvol. (1)

Since 1973, silver has been shown to have topical activity against 22 bacterial species (643 isolates), including gram-positive and gram-negative bacteria. (2) Ongoing research into the effect and properties of silver continues around the world.

Currently, silver water purification filters are used by organizations that include international airlines and NASA. Increasing numbers of Americans use silver in their fabrics, appliances, and home water filters. Electrical ionization units are being used in swimming pool water to help sanitize the water without the harsh effects of chlorine. Silver is also found in many applications within our hospitals, from needles to bandages to disinfectants for newborn babies' eyes. (3)

Burns and wound healing make up a multi-billion-dollar industry. One of the foremost treatments is silver, which is used topically as a gel, liquid, spray, bandage, and antimicrobial to enhance wound healing. Because silver destroys bacteria, viruses, and yeast it will help any wound or burn by preventing infection and stimulating stem cells (133). Wounds heal faster and with less scarring when bacteria, viruses and yeast cannot contaminate the wound. Burn victims report a reduction in pain

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when silver liquid or gel is applied to the wound. Because silver can be applied in an open wound it can assist in disinfection and help stimulate the healing factors of the immune system. This is true for vaginal infections and internal bleeding in the uterus or cervix as well.

New advances with silver continue to be made in the pursuit of maximum effectiveness and safety. In just the past two or three years, brand new ways of structuring silver molecules into water have been developed that show significantly improved results when compared with earlier silver products. This is an emerging field in terms of public familiarity.

Critical Differentiations—Structured Silver is New

This brings us to a critical point: structured silver is not the same as other silver products. Even other products that contain silver and water are not the same as structured silver.

1000 years ago, people used primitive forms of silver and received mild antimicrobial benefits.

100 years ago, people used primitive colloidal and ionic silver products and received good antimicrobial benefits, but also suffered side effects like Argyria. Argyria is not life-threatening and is rare, but it is an undesirable discoloration of the skin towards a bluish-grey. Argyria can occur with concentrated silvers (very high ppm, such as 50,000 ppm) and impure silver compounds (eg. silver salts) that precipitate within the body. Argyria cannot happen with new structured silvers, when taken as suggested.

10 years ago, people used more advanced silver solutions and gels and received excellent antimicrobial benefits and vastly improved safety standards.

Today, people have access to structured silver products that even outperform last decade's products. The new silvers are safer and more effective. When compared with last decade's top products at top

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U.S. laboratories and in clinical usage, today's structured silver shows significantly improved performance against pathogens and reduced healing times as high as 40% faster.

In short, our ability to access silver's benefits has moved from primitive to good over the centuries, with new levels of excellence available now that are even better than last decade's best. Just as computers have developed at a rapid pace, so have silvers. A computer from 25 or 10 years ago was a good tool at the time, but how many people choose an old computer when faced with a design, communication, programming, or entertainment need? 10 years old may be good, but it is no longer the best. As it is with computers, cameras, and smartphones, so it is with silvers.

When choosing your silver products, be mindful of what you seek. You might not be able to see the differences with the naked eye, but they are real and can impact your health.

If you were five or six nanometers tall, the differences between silver products would be as obvious as the differences between a horse and a cow. Yet, since you are likely closer to five or six feet tall, the differences between a pH-balanced (alkaline) structured silver and other substances are invisible without closer inspection.

In short, you do not need to use your grandma's silver. Just as horses and cows are similar yet critically different, old-fashioned silver products and pH-balanced structured silver are similar but critically different from one another.

With clarity on this point, a new health vector emerges. Without clarity, today's new silver products are incorrectly called "snake oil" or worse due to confusion with older technologies.

Unfortunately, many of today's medical experts remain ignorant of the interrelationship between physics, energy, healing, and silver. When questioned about silver, many experts still respond in terms of biochemistry, which is a decades-old approach suitable for decades-old silvers that worked through biochemistry. However, the biochemical paradigm is insufficient for understanding and applying today's silvers, which are built with biophysics in mind.

This is a huge shortcoming of today's medical field. Leading-edge doctors are making use of the latest silver technologies, but many more doctors still think in an obsolete paradigm.

Beyond Just Chemistry

As methods of using silver have advanced over the centuries, the primary focus has been on chemistry. Whether dealing with basic metallurgy or finding ways to access silver within a liquid, the questions have generally centered around “what are the ingredients” and “what size are the particles.” These questions led us from using silver coins in our water supplies (the root of today's odd practice of throwing coins into public fountains) to basic colloidal silver products, ionic silver liquids, and even to nanosilver solutions. These advances led humanity from primitive access of silver to a much better form.

However, the progress does not stop with chemistry. Newer forms of silver are also utilizing physics to even further improve our access to silver. In addition to the questions of ingredients and size, leaders in the field are now also asking, “How does biophysics apply?”

For instance, did you know that silver is the best conductor of energy on the entire Periodic Table of the Elements, yet that most of today's silver products do not take advantage of this? Most of today's popular silver products also do not take advantage of recent breakthroughs in magnetics that profoundly affect molecular structure, the characteristics of water, and ultimately the ability of an end product to defeat pathogens.

Summarized, by the year 2013 there were several silver products on the market with excellent chemistry, but very few with equally excellent physics. The difference in performance is clear in lab results and clinical healing times, but many people are not yet accustomed to thinking in terms of biophysics and thus find these performance differences confusing.

If you are new to the term “biophysics,” I suggest taking a few minutes to do an online search for the topic. It will prove most illuminating.

Very briefly, biophysics strives to address biological questions while using tools and principles from physics. This includes magnetism, wavelengths (including x-rays and MRI), nanotechnology, and energy. Biophysics is already used in hospitals throughout North America, yet most people are still more accustomed to thinking of health within the biochemistry model that was dominantly explored and taught throughout the 20th century.

What Does Silver Do?

Silver destroys germs (bacteria, viruses, yeast and some parasites). These germs may be living in the pores (causing acne), in the vagina (causing a vaginal infection), in an eye (causing pinkeye), in the digestive tract (causing gas or a serious health problem), in a wound (obstructing healing or causing scarring), around a piercing (causing infection), on the cuticles (causing inflamed hangnails), on the lips (causing cold sores), in the bladder (causing bladder infection), on the toenails (causing odor or unsightly infections), etc.

Regardless of where they are growing, the problem is the same: germs are growing and disrupting your health (4, 5).

If you can name a spot in or on your body and you can get silver into contact with germs that are growing there, this is where silver can help you. If you keep silver in contact with the germs for six minutes, these germs will no longer be able to cause you health problems.

Simply by killing germs, an amazing list of health problems can be helped or avoided.

Which Germs?

Silver has been shown to be effective with several categories of pathogens (bacteria, viruses and yeast). This includes several hundred pathogens once the various species are all counted. In contrast to conventional antibiotics that typically have a limited spectrum of activity (they only kill about 20 of the 654 bacteria and no viruses nor yeast), this is unexpected and exciting.

Summarized, silver is a broad-spectrum antimicrobial that:

- Destroys pathogenic bacteria
- Inhibits viral replication
- Destroys many fungi, yeasts, and protozoa
- Destroys the malaria parasite

Silver even kills antibiotic-resistant strains of bacteria such as MRSA. Antibiotic resistance is a major problem facing hospitals and homes around the world, as pathogenic bacteria no longer respond to antibiotics such as penicillin, methicillin, vancomycin, and so on. Do an online news search for “MRSA” or “superbugs” and you will see how serious the problem is. Some bacterial infections no longer respond to any drugs, and the problem is getting worse. However, due to the fact that structured silver kills bacteria differently than traditional antibiotics, it kills resistant and non-resistant bacteria alike. This paragraph could easily be expanded into a book of its own, but the simple and relevant fact is this: structured silver eliminates pathogenic bacteria, including drug-resistant strains.

Yet, despite this incredible ability to kill pathogens, structured silver is safe enough to be used at home on a daily basis, does not require a prescription, and is cost-effective.

Alkalinity

Most silver liquids used by the public today are acidic, meaning they have a pH of less than 7.0. The healing process could be improved with an alkaline silver. To do this the water has to be structured in a specific way and stay at a pH above 7.0. After such production, Nelson labs found it to kill more completely than any other silver tested by log 1.4 (1.4 million more bacteria died from the pH-balanced or alkaline silver).

The human body is neutral at a pH of 7.4. When the body is in balance at the average pH of 7.4 the body absorbs what it should and rejects the toxins or poisons and destroys abnormal cells in a preventive and regenerative fashion. When an acid is introduced to the body by eating or drinking it creates a change in metabolism, immunity and circulation. Poisons, toxins and infectious diseases do not survive in an alkaline body solution of pH 7.5 or higher. For this reason it makes sense to have silver be delivered into the body at an alkaline pH. It is true that most all silver solutions are acidic (pH 4.5 - 6.0), and they have performed excellently, but the new alkaline silver works with the body systems even better than the acid silver. By using pH-balanced silver the body can utilize its natural healing mechanisms in cooperation with the antimicrobial silver. In so doing there is a synergistic effect that destroys pathogens more completely in cooperation with the healing processes that excel in alkalinity. The body does not have to convert nor compete with an acid during the prevention and healing mechanisms.

Silver Energy

The energy within silver comes in several forms. It can be electric, magnetic, electromagnetic, chemical, resonant frequency, can steal electrons or fire electrons. It can be acidic or alkaline. These energies can be produced from within the silver and can be dipolar and semiconducting. The energy surrounding silver begins with the atomic structure of silver, where it is missing a single electron in its

outer ring. This makes silver continuously hungry to find a single electron. The energy of the silver molecule craves a single electron and will steal it from the easiest source available. When silver moves into close proximity with free-roaming electrons the silver will rapidly bind to the rogue electron. In this way silver is always on patrol surveying the bloodstream for electrons. When silver comes in contact with bacteria, viruses or yeast there will be an attempt by the silver to steal an electron from the pathogen. Since pathogens have simple cell walls made of single electrons, when silver steals an electron it ruptures the pathogens' cell membrane, like puncturing a water balloon. This usually kills the pathogen. The reason that silver doesn't kill healthy cells is because healthy cells have a lipid bilayer. So healthy cells have two layers made from lipids. The fact that there are two separate and distinct layers means that the silver can only steal one electron, and this is not sufficient to rupture or damage the healthy cell walls. In addition, the lipids are fats and silver is usually carried in a water-soluble form that cannot penetrate through the fat bilayers. This is another reason that silver doesn't kill the good probiotic bacteria in the intestines. The genus *Lactobacillus* is a unique healthy gut bacteria, in that it is the only classification of bacteria that secretes a coating onto its own outer cell wall. The coating is a kind of milk fat that water-soluble silver will not penetrate. This is why the structured silver does not destroy the good bacteria in the gut.

Magnetic energy is being used throughout medicine. It is the gold standard for MRI scanning and helps reduce pain. The magnetic silver energy holds the silver atoms together in molecular crystal structures made of Ag_4O_4 , Ag_4O_6 , Ag_2O_4 and other antimicrobial structures. The magnetic charge resonates between two phases of silver (silver I and silver III). This makes it a pulse magnet vibrating (resonating) between the two phases of silver, producing antimicrobial and pain-killing abilities.

When the electrical charges that cause the silver to bond to pathogens rather than healthy tissues work together with the magnetic silver energy that sends miniscule pulses of a healthy electromagnetic frequency, it weakens, dissolves and dismantles cellular structures of germs.

This silver energy that destroys pathogens is a resonant frequency. Everything has its own unique frequency and silver vibrates (resonates) at a frequency of approximately 910 terahertz. This is an ultraviolet frequency that destroys pathogens by producing a vibration that weakens, dissolves and

dismantles germs (bacteria, viruses, some parasites and yeast). (R. Roy, Anisodesmicity) There are healthy frequencies and destructive frequencies and every cell responds differently to each frequency. The healthy cells with lipid bilayers respond to ultraviolet frequencies in a healthy manner. Silver energy resonates at an antimicrobial ultraviolet frequency. Healthy skin cells respond to ultraviolet energy in a healthy way: they secrete Vitamin D and other healthy immune systemic effects. Pathogens respond to ultraviolet silver energy in a destructive manner, presumably because of the thin single cell walls that are easily ruptured by silver vibration. In this way silver resonates at one frequency but produces healthy results in normal cells and can destroy the cellular structures of pathogens.

Another energy affecting the function of silver is magnetic. Science has demonstrated in many ways that minuscule magnetic energy can have significant impacts on normal cells causing the production and mobilization of stem cells, natural killer cells, lymphocytes and white blood cells. Homeopathic medicine is founded on the principle that minuscule chemical, electric or magnetic charges have long-term health benefits, while great adjustments in any of these energies can cause short-term changes with temporary benefits. An example is antibiotics that have a large effect but can only be supported by the immune and digestive systems for a few weeks or the results are more damaging than the disease. So silver has a minuscule magnetic charge that helps align chemical bonds in the cells, tissues, body systems and even between the atoms influencing molecular structures. When the magnetic charges are coupled with electric charges and are supported by the body in the proper pH, the silver will gather atoms into organized structures called crystalline structures. These structures consist of 2, 4 or 6 silver atoms bonded with water into tetrahedral structures resulting in a multivalent, semiconducting, electromagnetically-charged particle that possesses stronger pathogen-killing abilities. It can also recharge itself for longer more potent killing effects. These structures of 2, 4, or 6 silver atoms gain the ability to repeatedly fire silver electrons, or rupture germ cells by stealing electrons. The silver structure resonates between atomic phases producing a semiconductor so tiny it fits inside a single cell and circulates throughout all of the circulatory system. Imagine a germ killer small enough to fit inside a single red blood cell and resonate at an antimicrobial frequency that travels everywhere blood flows. This means there is electrical energy within the silver structure which causes electrons to continuously circulate around the atomic structure of the silver crystal. The silver structure propels electrons at the speed of light back and forth between the silver I phase and the silver III phase,

giving an overall measurement of silver II. When the electrons within the silver structure resonate between the silver atoms at the speed of light there is an active energy being generated within the silver structure. There are significant increases in chemical, electrical, magnetic, electromagnetic energies that are functioning as semiconductors of complex energy. In this way the structured silver possesses sufficient energy to destroy bacteria, viruses, yeast, mold and even some parasites. The structure of the silver is essential to this higher level of antimicrobial activity. The simple forms of silver that are not structured have limited transient and temporary antimicrobial activity. By bonding the silver into structured forms it minimizes Argyria. In other words, when silver is bonded in structured molecular forms the water molecules permanently bond to the silver atoms and will not let the silver separate from the silver structure. This almost eliminates the problem of Argyria because the silver stays with the water molecule and is excreted the same as drinking water. The silver, in structured form, makes a silver solution, while the unstructured forms of silver produce silver suspensions that allow the silver to fall out of solution and as they separate and bind to the body fat they can become permanently bonded to the fats and cause the blue-grey skin color associated with Argyria.

In homeopathic medicine the energy and dilution determine the effectiveness of the solution. Structured Silver has an energy that is homeopathic. This silver energy can be used as medicine in solutions that have been through succussion, and diluted to parts per million that produce medicinal effects that are reproducible.

I performed my Internship in Cardiology at LDS Hospital (University of Utah), where my major professors were Dr. Frank Yanowitz and Nobel Laureate Dr. Jonas Salk. Dr. Salk has been credited with the cure for polio. As I worked with him he taught me how a virus could be diluted in half and again in half and again as many times as it took to leave 1 part per million of the virus in a liquid dilution. This was so diluted that there was hardly any of the virus left in the bottle, but when injected into mice would still cause the polio virus to infect the mice. Dr. Salk showed me how the bottles that were so diluted were randomly stored next to bottles with no virus and the virus would translocate from one bottle that had virus across glass bottles into a different bottle of water with no virus. Yes, it seems impossible that a glass bottle containing water only, could be stored next to the active diluted virus and over a short period of time the water could test positive for the virus but had no virus in it. This

example demonstrates an energy that resonates in the virus that can electromagnetically leave the active virus and enter the water bottle. This is how we end up with a vaccine that transfers the energy of the virus without infecting the person receiving the vaccination. Then over time the immune system mounts an immune response that renders immunity against the poliovirus. As you can see silver can deliver an energy that can destroy pathogens, stimulate the immune system and resonate at a frequency that destroys pathogens and promotes healthy stem cells and lymphocytes at the same time. This is the magic of silver energy.

In addition, the silver energy functions better when the human body is kept alkaline (pH 7.2-7.5). In this way the body will create an environment that is unfriendly for pathogens and the silver can perform its antimicrobial actions more efficiently. Another assist to silver energy is antioxidants. By regularly consuming natural antioxidants the body will be able to reduce inflammation and quickly excrete the dead pathogens that were killed by the silver energies. This is important because it significantly reduces the symptoms associated with die-off of pathogens. The antioxidants are the perfect partner for silver energy because the silver kills and the antioxidants clear out the die-off and reduce the inflammation of the disease state, which significantly reduces the cause of the symptoms associated with the healing process. In summary, there are numerous silver energies that destroy bacteria, viruses, yeast, mold and some parasites while selectively sparing the healthy cells, and this process can be improved when the body is in an alkaline (not acidic) state. The symptoms, inflammation and healing times are improved when antioxidants are taken every four hours. To destroy the cause of many disease states and promote prevention, wisdom suggests an alkaline body, with regular supplements of silver and antioxidants.

Characteristics of Silver Energy:

- Redox reaction (silver I to silver III)
- Electric
- Magnetic (pulse magnetic)
- Electromagnetic
- Resonant frequency
- Alkaline over acid

- Ultraviolet antimicrobial resonant frequency
- Steals electrons from pathogens
- Fires electrons into pathogens, fracturing the cell wall
- As a semi-conductor, produces singlet oxygen that kills complex diseases
- Silver energy is water-soluble and does not penetrate healthy bacteria or cells
- Acidic silver is almost as good as structured alkaline (pH-balanced) silver energy but acidic silver triggers immune responses that promote autoimmunity and can cause chemical burns as an acid
- Alkaline silver works with the immune system as it destroys pathogens

All silver does not have the same energies.

Ionic Silver: consists of chemical energy that is mostly electric and can be measured by its charge. The problem is that it bonds to the fats and is the primary cause of Argyria.

Colloidal Silver: consists of electric currents driving silver ions into water. Some colloids are nothing more than tiny particles of silver dusting the water that contains them. If the wrong electrical current is used to manufacture the colloid the silver will fall out of solution and can become predominantly ionic.

Structured Silver: is an advanced second-generation colloidal silver that is magnetically and electrically structured, producing atomic bonding of water and silver in a way that forms crystalline structures of silver and water. The structured silver bonds permanently to the water so it forms a solution of silver hydrosol, which has alkaline properties. The magnetic and electric frequencies used during manufacturing are combined with a structured water that results in alkaline, magnetic, electric silver in a structured form. It is significantly more effective at destroying pathogens than the colloids and ionics of the past. The reason is that the structured silver holds an ultraviolet antimicrobial frequency, capable of working with the immune system because it is alkaline.

Structured Silver Water: What a Structure Means

Structured silver water contains a specialized natural and purified water that contains nanoparticles of silver permanently distributed into the water at the molecular level. This structured silver water is chemically different than ionic or colloidal forms of silver because the water that makes up 99.9% of the silver solution has been electrically, magnetically, mechanically and physically activated using scientific methods that result in a unique water structure that permanently holds the pure silver in a molecular structure that has been shown to have antimicrobial effects inside or outside the body. This unique type of structured, alkaline, silver water is identified in crystalline molecular structures consisting of similar atoms with movable crystal structures.

For example, silver colloid allows the silver to fall out of its bond with water and the $\text{Ag H}_2\text{O}$ becomes $\text{Ag} - \text{H}-\text{O}-\text{H}$. This is why colloidal and ionic silver cause Argyria (silver staining of the skin)—the silver falls out of solution with the water and the renegade silver finds fats to bond with. The colloidal and ionic forms of silver separate from the water, possibly causing problems under the skin.

The new structured alkaline silver water prevents this from happening because the silver is permanently (magnetically, electrically and chemically) bonded to the purified structured water. This results in tetrahedral-shaped water molecules called crystals or crystalline structures. The tetrahedral-shaped molecules keep 4 water molecules bonded to 2, 4, or 6 silver (Ag) atoms, permanently bonding water, silver, hydrogen and oxygen atoms into structured silver molecules (Ag_4O_2 , Ag_4O_4 , Ag_4O_6). The fluid dynamic of this structured silver water allow some atoms from the Ag_4O_6 to translocate and become Ag_4O_4 or Ag_4O_2 . This allows the structure of the water to hold the silver in a crystal shape that has thousands of times more antimicrobial effects than just silver in an ionic or colloidal shape.

It is much safer because it keeps the silver in the water, where it will be excreted from the body quickly. The structure of the water is held together by electric, magnetic and chemical bonds, creating a situation for alternative energies to be imprinted upon the crystalline structure in cooperation with the silver. Electric, magnetic and light waves can be imprinted into the chemical atoms or used to hold the

bonds together between the atoms, thus improving the molecular bond angles, strength or shapes. This changes the crystalline shapes of the water and gives it a structure with purpose. The frequency of the bond, the shape of the water crystal and the magnetic strength of the atomic bonds produce a unique structure and specific purpose to the structured silver water.

The structured silver water has scientifically proven antimicrobial effects that are improved when it is placed in an alkaline solution. The combination of alkalinity and structured water produce a frequency that is easily absorbed into the body because of its optimal alkaline balance (7.5 pH). This produces a structured silver water that tests far better than any other silver for its ability to destroy bacteria, viruses and yeast. Since these are the causes of most all diseases, it provides the body with the very best all-natural solution to destroy the most disease-causing pathogens, and to work in cooperation with the chemical structure of all body systems at pH 7.5.

Magnetism

Magnetic fields are significant to the human body and have been proven to improve healing, reduce pain and are used to treat, diagnose and identify different types of cells. The magnetic resonance imager (MRI) scans the body and dissects the individual cell types using magnetic fields. It is one of the fastest growing specialties in traditional medicine.

Magnetic fields of different frequencies have been shown to influence the body in dramatic clinical ways, such as mental illness, pain reduction, sleep and mood. This technology can complement and magnify the positive effects of structured silver. By choosing the proper magnetic frequency and imprinting the water and silver atoms, the strength of bonds and the angles can change the shape of the crystalline structure within the silver and water. This can produce electron donors and acceptors that produce quantum mechanical changes with the structured silver water.

During an increase in the energy or the structured silver solution an excited molecular structure

progresses to create an extended outer orbital, which resonates at a frequency of higher energy. As the energy in the outer orbital is released, an electron is fired into the pathogen, killing it and releasing a subatomic high-energy particle.

This stealing of electrons from the disease-causing pathogens and firing into them is only accomplished by structured silver water. Colloidal and ionic silvers can steal one electron from a pathogen and then become neutral, while the structured silver water can continuously steal electrons from the pathogens and then fire back at high energy and resonate at an antimicrobial frequency; a magnetic signature can also be imprinted on the subatomic bonds, giving them magnetic influence at the cellular level. These signatures can influence pain, strength, balance, and do so because the mitochondria (powerhouse of the cell) have improved function.

This improved function has been shown to have improvements on health, wellness, energy levels and promote cellular energies that have great purposes for healing.

Electrical Energy

Electrical energy can be imprinted upon the structured silver water, giving it a tremendous output of electrical energy that can benefit the healing process. Healing sciences have demonstrated that miniscule electrical currents passing through the human body have significant healing activity. The body is electrical and conducts electrical energy through the fluids in the body as long as there is a substantial amount of minerals dissolved in the body fluids. Since the body is predominantly water with iron and salts dissolved into the blood, a miniscule electrical current can be conducted through the entire body.

Electromagnetic Energy

When the electric and magnetic are tuned to a healing frequency that the body recognizes, every cell in the body can have the influence of that healing frequency. Results include stronger muscle contractions, more coordinated neuromuscular function that can result in better balance, and healing at the cellular level. There are many frequencies that have been identified as having clinical benefits to the human body, such as improved healing, breathing, balance, mental focus, memory enhancement, cell regeneration, skin and wound healing and mitochondrial energy production. Some physics books even identify frequencies that destroy cancer cells, infectious diseases, or viral infections, thus eliminating the cause of the disease.

When the chemical energy is optimal, the electrical energy promotes healing, and the magnetic energy is beneficial to the body and is conducted throughout the human body by nanoparticles of silver that have antibacterial, antiviral and antifungal properties, there you will find structured silver water in an alkaline balance. And the laboratories report this is the finest full-spectrum antimicrobial when compared to other forms of silver.

Industrial Hygiene during the Manufacturing Process

(Why Manufacturing has to be in a Clean Room)

The production of structured silver must be manufactured under clean-room conditions utilizing good manufacturing procedures (GMP). This is significant because most silver manufactures don't realize that when the atoms of oxygen, silver and hydrogen are under the influence of electric, magnetic and chemical energies that any substance in the air, water or production facility could donate contaminants into the silver liquid.

Structured silver uses a unique manufacturing instrument that begins with pure water constructed using

steam and oxygen. In this way the hydrogen and oxygen can be precisely formulated into a structured pure water that is measured to have zero total dissolved solids (TDS). This is pure water that is ready to have electric, magnetic and chemical imprints placed with the bonding of the silver. If you do not have a perfectly clean room, you will be drawing atoms from the air, tubes, container, etc. that will pollute the water and coat the silver.

This coating on the surface of the silver interferes with the purity of the silver in the water, thus reducing the effectiveness of the silver to bind with pathogens, thus impeding the effectiveness of the silver for healing purposes. Most silvers have been shown to have a protein coat or are called silver proteins because they are mostly protein. All of these protein coats are direct evidence of polluted and contaminated silver.

If the silver is manufactured in a contaminated room then it produces an inferior product. Structured silver water is produced under clean-room conditions and pure ingredients are used under precise energies to obtain a silver molecule that forms a plasma-like silver without a protein coat to interfere with the effectiveness and killing ability of silver.

Antioxidants and Silver

Silver destroys bacteria, viruses, yeast and some parasites using all-natural ingredients. This remarkable healing effect cannot be achieved by any prescription medication. The killing of the pathogens is essential to healing wounds, controlling infectious diseases and preventing viral, bacterial and fungal diseases. The healing process can be accelerated when there are sufficient antioxidants circulating in the body simultaneously.

Antioxidants neutralize the free-radical damage caused by these pathogens and accelerate the excretion of the dead and dying germs out of the body. This reduces the time it takes to heal. It also reduces the swelling associated with the disease and improves the healing inside or topically. When antioxidants

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are taken every 5 hours the healing process is significantly improved. The antioxidants' ability to heal is improved in addition to the healing activity of the silver liquid and gel.

Ideal healing synergism develops when silver liquid destroys pathogens at the same time high potency antioxidants reduce inflammation and enhance excretion of the dead and dying germs.

Antioxidants enter the individual cells and transport nutrients with them as co-factors. Antioxidants can actively transport the silver into the cell where the cause of disease may be sequestered. Once the silver destroys the pathogen, antioxidants have the ability to reduce the swelling associated with the killing of pathogens. By reducing the swelling and inflammation the body will heal faster and with less permanent scarring.

The antioxidants neutralize any metabolites that may be formed during the killing or excretion process. This is especially significant in the intestines and bloodstream where free radicals are being transported out of the body and some may not quite be dead yet. The damage from this cleansing crisis produces free radicals that cause inflammation in arteries and intestines. The antioxidants can minimize this healing and cleansing crisis and at the same time enhance access to the germs hiding within cells.

Silver Will Not Do...

As a skeptic, you may be thinking that structured silver sounds too good to be true. After all, how can one substance do so much? It may sound like a scam—snake oil, magic tomato juice, mythic elixir, or some other dreamy idea that doesn't actually work in the real world.

Thus, it is likely helpful to list some of the things that structured silver will NOT do. After all, it does not do everything, nor is it a cure-all. Based on the type of questions that newcomers typically ask, it is important to clarify this point to keep expectations in check.

Structured silver kills many germs. Since germs cause a wide range of health problems and complications, structured silver is helpful in many situations. But if a health condition does not have some connections to germs, then there is a fair chance that silver will not directly help with it.

For instance, here is a brief list of things that structured silver does NOT do. The remainder of the book will discuss the many things that structured silver CAN do, but first let's quash the notion that it fixes everything.

Structured silver...

- Will not pull fats out of the arteries
- Will not cure diabetes, although it can benefit most of the secondary symptoms caused by diabetes
- Will not destroy all parasites; it will only destroy some parasites
- Will not cure cancer, but it can kill a major cause of it at the cellular level
- Will not cure mental illness unless the cause of the disease is bacterial, fungal or viral
- Will combat dental infections, but it will not regrow teeth
- Will not help fish
- Will not destroy what it does not come into close proximity with
- Does not totally kill until the structured silver water or gel stays in contact with the pathogen for 6 minutes
- Will not improve athletic performance
- Will not dissolve through the skin because it is not fat-soluble
- Will not compensate for a lack of exercise
- Will not compensate for a terrible diet or poor lifestyle
- Will not replace the need for trusted doctors, hospitals and other health care professionals
- etc.

Please be aware that federal regulations limit dietary supplements to oral administration even if structure function claims may be specific to certain body parts.

This list could go on and on, but the point is clear: silver helps with many health concerns, but it is just one piece of the larger puzzle called “good health.”

As you read further into this book and you see dozens or hundreds of applications for structured silver, please remain cognizant of two important facts:

1. The list of applications is long, but it is not thousands or millions of items long. The list is long, but not infinite.
2. The list of applications is limited, yes, but it is not short either. It is not limited to just two or three items. The remarkable fact is that structured silver can actually help with an outrageously long list of health problems, including several of humanity's most expensive, debilitating and lethal conditions.

In sum, structured silver is NOT a cure-all. It does not do everything. Still, it may be the closest thing to a panacea that anyone has discovered in a very long time.

On the topic of what structured silver will not do, here are a few additional items:

- Will not hurt antibiotics (it can enhance some antibiotic function)
- Will not kill all the probiotic (good) bacteria in the gut because it cannot pass through the milk fat coating of the Lactobacillus
- Will not kill living normal tissues
- Will not hurt dogs, cats, horses and other mammals
- Will not be covered by insurance

Travel Kit

Travel is supposed to be a pleasant experience, whether traveling for education, work, or personal enjoyment. The last thing anyone wants while traveling is a day spent in the washroom or worse. Yet, all too often, that is exactly what happens to people. What a waste!

With structured silver, you now have the ability to dramatically reduce the risk of illness while away from home.

You can easily be exposed to the most dangerous pathogens when traveling, creating considerable personal risk. This is because you have likely not been exposed to these pathogens before and you have not had a chance to build immunity. Compounding the problem, you may be traveling in a place where you do not want to be placed in the care of poor medical treatment where they may not speak your language.

Silver should be taken for routine uses while traveling, like shaving, after sun tan lotion, sun burn, dry skin, fever blisters, rash, pain, hand sanitizer, vaginal wellness and protection, prevention in the airplane, body odor, yeast infections or potential proximity to foreign pathogens.

Silver liquid and gel should be taken on trips for accidental or infectious reasons, like cuts, colds, flu, blisters, food poisoning, urinary tract infection, pneumonia, wounds, sex, and eyes, ears, nose and throat protection.

- Silver liquid less than 4 oz. bottles for air travel, more for drinking, washing wounds, eyes, ears, nose and throat. Or, place larger bottles in your checked luggage.
- Silver gel 2-4 oz. for feet, condoms, vagina, hands and skin.

If it were me, I would swallow the liquid silver two teaspoons twice a day for prevention. If I was sleep-deprived, under stress or exposed to potential disease, I would double the dose to four teaspoons

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twice a day. In the event I contracted food poisoning, I would take one ounce once every hour for four hours and do that each day for three days. Other options are listed in the “Silver Uses” section of this book.

If you are traveling with others, it is good to discuss silver supplies before leaving home. If someone in your family or travel group becomes infected, do you have enough silver packed to provide assistance? If traveling with family, why not do the math beforehand and potentially save yourselves a lot of trouble?