



**A/3 CEUTICALS**

With

**S SilverCeuticals**



**Internal Company Use**

**For Background Informational Purposes Only**

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## Purpose

**"To serve those around us and build confidence, happiness, and hope through improved wellness, and to do our part to help alleviate suffering worldwide."**

## Our Story

Our Founder and CEO, Dr. Keith Moeller ND, has spent nearly half his life dedicated to the study and development of silver in the medical industry. Dr. Moeller has a Doctorate in Naturopathic Medicine, is an author on the subject of medicinal silver and its uses, and has been a guest speaker at top organizations including the American Academy of Anti-Aging Medicine, and other Medical Conventions.

Our Team at SilverCeuticals has 100+ years combined experience working with Nano-Silver in both the natural and medical markets, and is full of Naturopathic Doctors, Medical Professionals, and Silver Experts alike.

Dr. Moeller, his family, and colleagues have personally helped educate the world on the uses of natural silver products through commissioning hundreds of major third-party scientific reports and test series, many of which have been published in top medical and scientific journals and other outlets around the world over the past 20 years.



## Winners of Best of State in Utah 2024

**SilverCeuticals won the 2024 Utah  
'Best of State' Award for Applied  
Science & Technology!**



# SilverCeuticals®

PROVEN SILVER TECHNOLOGY

## THIS UNIQUE SILVER

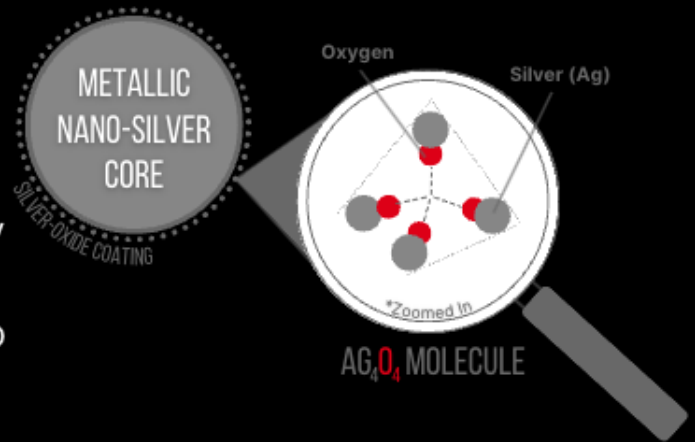
Our silver is not like most silver. Most silver technologies on the market today, from the ones you can buy to the ones you can make at home, contain ionic silver (silver atoms that have lost an electron so they are called ions). Sometimes they call it a hydrosol or alkaline silver, etc. That type of silver is in more of a chemical state. It has no crystalline (or hard) structure to it.

This silver technology contains a nano-sized crystalline metallic core made of .9999 pure silver, surrounded by a silver-oxide coating (silver and oxygen combined together). This skin-like coating gives this silver unique properties in a combination that no other silver technology has.



## UNIQUE PROPERTIES INCLUDE...

- Triple Action Silver Particle
- Continuous-Action Silver Particle
- Does NOT build up in the body
- Proven safe through multiple 3rd party human ingestion studies
- Outperforms other silvers that have up to 300 times the quantity of silver
- Harmless to probiotic bacteria



## WHAT IS CONTINUOUS-ACTION?

Continuous-Action, like it sounds, means that the particles continue to work the entire time they are inside your body or on your skin. Most other silver particles stop working the second they've done any good at all. This one doesn't. It keeps working continuously and doesn't waste a second.

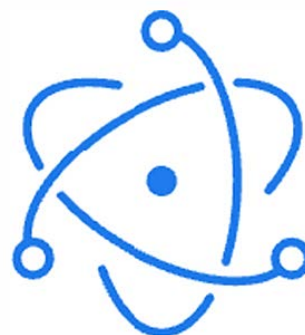
# TRIPLE ACTION NANO-SILVER™

## HOW DOES IT WORK? →

Most silver technologies only work in one way, that is... steal an electron. This unique silver technology outperforms the rest due to its unique ability to work in multiple ways all at the same time. That is why it is known as **'Triple-Action Silver.'**

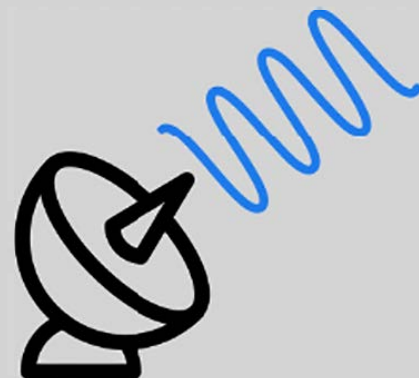
### 1. Capturing Thousands of Electrons

Instead of stealing just one electron per particle, this unique silver can steal thousands of electrons per particle due to its unique structure and charge. This allows the silver to continue to work the entire time it is in your body, before being safely excreted within 24 hours.



### 2. Emits a Resonant Frequency

It also emits a resonant frequency through the water in a process called epitaxy. This frequency vibrates at the same wavelength as ultraviolet light, between 890-910 terahertz. Though harmless to humans, this vibration increases the effectiveness of the silver exponentially, and allows the silver to work without requiring direct contact.



### 3. Electrostatic Charge

Finally, it contains an electrostatic charge which works on things similarly to a magnet being moved under a pile of metal shavings, and as it moves them around, it messes up the way they function.

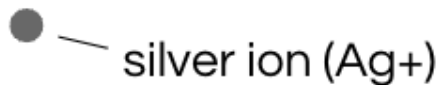




# COMPARING SILVER TYPES

## Ionic Silver Hydrosol

(OTHER LESS EFFECTIVE SILVER)



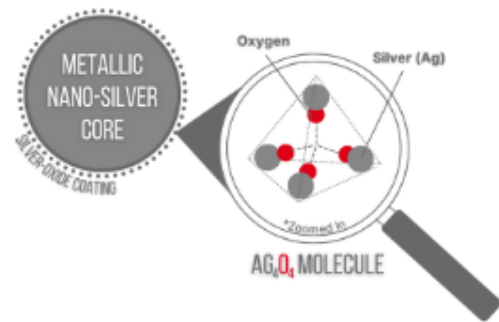
### Important Facts:

- Works in only 1 way
- ✗ Can build up in the body
- ✓ Antibacterial effects
- ✗ No antiviral effect
- ✗ No anti-fungal effect
- ✗ Causes Inflammation
- ✗ Can harm probiotics with as little as 2.5ppm
- ✗ Silver stops working

Commonly called colloidal silver or nano-silver, though it isn't because it meets neither the size nor the characteristic criteria of a colloid or Nano-Silver. It is actually an ionic solution (silver ions) where the particles are not solid (meaning no crystalline structure) but rather in a liquid state. This is the least stable silver particle, and can build up in the body over time. It is smaller than one nanometer, and is not considered nano-silver.

## Triple Action Nano-Silver™

\*THIS UNIQUE NANO-SILVER TECHNOLOGY



### Important Facts:

- ✓ Works in 3 ways (Triple Action)
- ✓ Won't build up in the body
- ✓ Antibacterial effects
- ✓ Antiviral effects
- ✓ Anti-fungal effects
- ✓ Anti-inflammatory
- ✓ Won't harm probiotics
- ✓ Silver keeps working

A powerful combination of Metallic Nano-Silver and a Silver-Oxide (Ag<sub>2</sub>O<sub>4</sub>) coating. It is actually Nano-Silver (nano-sized) and meets the criteria for real colloidal silver. It is the only type of silver with an IRB controlled human ingestion safety study showing it leaves the body within 24 hours. It has been proven more effective than other types of silver containing up to 300 times the quantity of silver. It is 5-7 nanometers in size, and is actually a Nano-Silver.



# DIFFERENT TYPES OF SILVER

PUBLISHED SCIENTIFIC STUDY ON THE DIFFERENT TYPES OF SILVER



ELSEVIER



BASIC SCIENCE

Nanomedicine: Nanotechnology, Biology, and Medicine  
48 (2023) 102654



Original Article

nanomedjournal.com

## Treatment of infection and inflammation associated with COVID-19, multi-drug resistant pneumonia and fungal sinusitis by nebulizing a nanosilver solution

Patricia L. Nadworny, PhD<sup>a,b,1</sup>, William L. Hickerson, MD<sup>c,2</sup>,  
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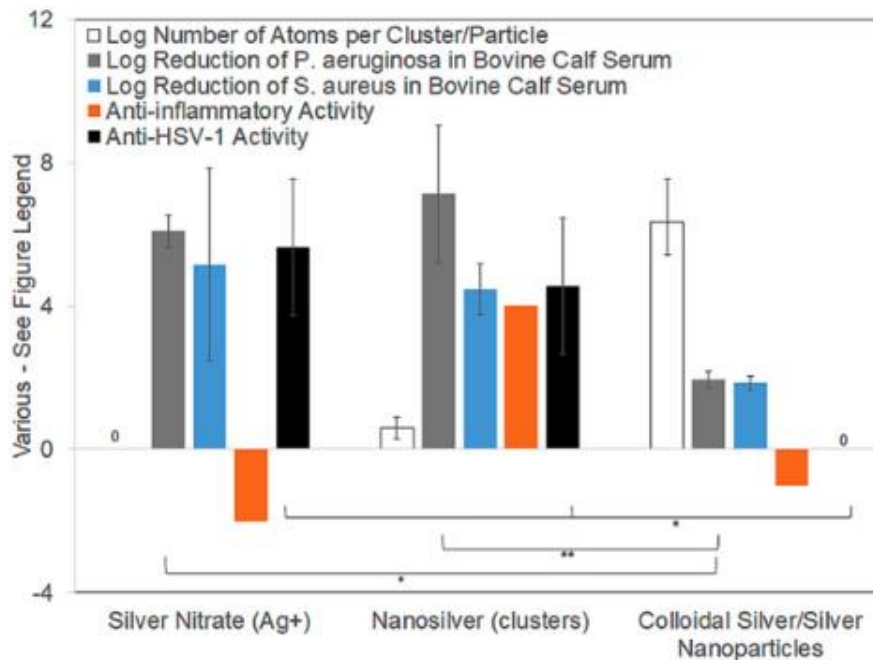
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Revised 15 December 2022



(Pg. 6) Fig. 3. A comparison of various types of silver and their biological activity.



SilverCeuticals®

# Daily Immune Support

Active Defense™

## Nano-Silver

DAILY IMMUNE SUPPORT SUPPLEMENT

10 PPM Triple Action Nano-Silver™



### PRODUCT SPECS

10ppm - Immune Support

8 fl. oz / 236 ml bottle

MSRP \$24.99

UPC 850039735127

10ppm - Immune Support

16 fl. oz / 473 ml bottle

MSRP \$35.99

UPC 850039735011

In a world full of stress, bacteria, and virus you need immune support more than ever. This unique silver is a triple-action AND continuous-action immune support supplement you can take up to three times a day. Within two hours our unique particles are working hard directly in your bloodstream. These particles are proven incredibly effective and safe, and leave the body within about 24 hours.

### KEY BENEFITS

- 10ppm Active Defense Nano-Silver -- Immune Support
- Supports the immune system
- Triple Action Nano-Silver™
- Continuous-action particles
- Outperforms other silvers that have up to 300 times the quantity of silver
- Leaves the body within 24 hours
- Proven safe & effective in third-party testing
- Proven harmless to probiotic bacteria in 3rd party tests
- Contains NO nitrates, phthalates, BPA, gluten, or sulfa compounds
- Made in the USA with lab-grade purified water (deionized water) and 99.99% pure silver







SilverCeuticals®

# Daily Immune Support

Active Defense™

## Nano-Silver+

DAILY IMMUNE SUPPORT SUPPLEMENT  
Extra Strength 32 PPM Triple Action Nano-Silver™



### PRODUCT SPECS

32ppm - Immune Support  
8 fl. oz / 236 ml bottle  
MSRP \$34.99  
UPC 850039735189

32ppm - Immune Support  
16 fl. oz / 473 ml bottle  
MSRP \$49.99  
UPC 850039735028

Feeling sick or in need of extra support? This extra strength version of our unique silver is 3x concentrated while still being the same triple-action AND continuous-action immune support supplement that you can take up to three times a day. Within two hours our unique particles are working hard directly in your bloodstream. These particles are proven incredibly effective and safe, and leave the body within about 24 hours.

### KEY BENEFITS

- 32ppm Active Defense Nano-Silver -- Extra Strength
- Supports the immune system
- Triple Action Nano-Silver™
- Continuous-action particles
- Outperforms other silvers that have up to 300 times the quantity of silver
- Leaves the body within 24 hours
- Proven safe & effective in third-party testing
- Proven harmless to probiotic bacteria in 3rd party tests
- Contains NO nitrates, phthalates, BPA, gluten, or sulfa compounds
- Made in the USA with lab-grade purified water (deionized water) and 99.99% pure silver





SilverCeuticals®

# Daily Immune Support



## NANO-SILVER IMMUNE GUMMIES

WITH ELDERBERRY, ZINC,  
VITAMIN C & VITAMIN D3

Simplify your daily immune support with SilverCeuticals' convenient and delicious Nano-Silver Immune Gummies. Each serving contains powerful Triple Action Nano-Silver™, Elderberry, Vitamin C, Zinc, and Vitamin D3 to help supercharge your immune system.

### PRODUCT SPECS

Nano-Silver Immune Gummies - (60 Count)  
MSRP \$24.99  
UPC 850039735059

### SUGGESTED USE

Adults and children 4 years of age or older take (2) gummy vitamins per day. Chew thoroughly before swallowing.

### MORE BENEFITS

- No artificial flavors, sweeteners, or colors
- Gluten free
- Non-GMO
- Gelatin free
- Natural flavors

## BERRY LEMONADE



with other natural flavors



SilverCeuticals®

# Hydration & Healing

## Facial Serum

Renew and Repair with Nano-Silver,  
H.A. & Collagen Peptides

### A-LIST INGREDIENTS

This expertly-crafted facial serum combines the healing and protective benefits of Nano-silver, with the ultimate skin hydration of Hyaluronic Acid, and the youthful rejuvenating benefits of Marine Nano-Collagen Peptides. This soothing blend of dermal super-ingredients helps to heal, moisturize, repair, and protect the skin like never before.

### PRODUCT SPECS

Renew & Repair Facial Serum - 30 ml / 1 oz bottle

MSRP \$49.99

UPC 850039735004



### KEY BENEFITS

- Helps improve the appearance of fine lines and wrinkles and the overall texture and tone of the skin
- Delivers long lasting hydration to visibly improve skin's texture
- The skin's youthful, bouncy feel returns, and is visibly refreshed
- Helps to protect and promote natural healing of the skin
- Calms and fortifies the skin
- Leaves the skin feeling intensely soft, hydrated, and moisturized
- Non-greasy, no parabens, no alcohol
- Chemical and preservative free





SilverCeuticals®

# Skin Care Necessities

## Nano Mister

HYDRATE AND ADD MOISTURE

Give your face a soothing mist of hydration! This delicate mister gives off a soft ambient glow, while creating a soothing mist of Triple Action Nano-Silver™

### PRODUCT SPECS

Facial Mist Sprayer - 25 ml capacity

Power Supply - 3 AAA batteries (not included)

Net weight - 56g

MSRP \$11.99

UPC 850039735110



### INSTRUCTIONS FOR USE

- To fill, remove the silicone stopper at the top, pour in desired amount of our Active Defense™ Topical Nano Silver, then replace the silicone stopper. No dilution required.
- To activate the mist, simply slide down the nozzle shield. Slide the shield back to stop.





SilverCeuticals®

# Skin Care Necessities

ACTIVE DEFENSE™

## TOPICAL

32ppm Topical Nano-Silver  
with An Easy-Pour Cap



### PRODUCT SPECS

32ppm Triple Action Nano-Silver  
8 fl. oz / 236 ml bottle  
MSRP \$34.99  
UPC 850039735134

Let the real you shine through. SilverCeuticals® Active Defense Topical Face & Skin Toner is a gentle and natural toner formulated to promote healthy-looking skin, and to help protect the skin every day from the damaging effects of the environment. Use daily on the face and body to:

- Cleanse and protect
- Tone and soften
- Help promote natural healing
- Refresh & hydrate the skin

### Directions:

Apply with a cotton ball, soft pad, or ultrasonic mister to cleanse, soften, refresh, and hydrate skin.

### KEY BENEFITS

- Easily fill your Facial Mister with Triple Action Nano-Silver™
- Proven harmless to probiotic bacteria in 3rd party tests
- Vegan, Non-GMO, Alcohol Free
- Contains NO nitrates, phthalates, BPA, gluten, parabens, or sulfa compounds
- Made in the USA with lab-grade purified water (deionized water) and 99.99% pure silver



SilverCeuticals®

# Natural Skin Healing

ACTIVE DEFENSE™

## NANO-SILVER GEL

PROMOTES NATURAL HEALING

Treat your skin to the natural and soothing effects of SilverCeuticals Nano-Silver Gel. Apply it daily anywhere on the face and body to help soften, soothe, hydrate, and promote natural healing.

Harnessing our 32 ppm strength Nano-Silver, it quickly calms and cools the skin providing relief that can last for hours. Its safe, water-based formula is non-greasy, alcohol-free, paraben-free, BPA-free, and can be used by infants and adults alike on even the most sensitive skin. It absorbs quickly and can even be used under your makeup.



### PRODUCT SPECS

SilverCeuticals Silver Gel - 3.4oz tube

MSRP \$24.99

UPC 850039735042

### KEY BENEFITS

- Promotes natural healing of the skin
- Contains powerful Triple Action Nano-Silver™
- Helps reduce/eliminate odor
- Helps cool and soothe skin
- Non-stinging or staining
- Fast absorption
- Moisture donating
- Non-greasy
- Alcohol free







SilverCeuticals®

# Protect Your Body

## The Naked Bandage®

### HIDDEN PROTECTION



A waterproof wound dressing that is so advanced, flexible, comfortable, and transparent, it's like it's not even there. It is a one-way moisture barrier, meaning its waterproof from the outside, yet still allows moisture from the wound to escape, preventing skin maceration. It works best when used in combination with our Nano-Silver Gel.

It comes in a 1 ft. roll, which can be easily cut to the desired size with a clean pair of scissors, and the rest saved for later use. The Naked Bandage is also easy and painless to remove. Simply peel up a corner of the bandage, and pull gently. It will not pull hair like a standard bandage.

### KEY BENEFITS

- Seals out dirt and contaminants
- For protecting minor cuts, abrasions, scrapes, blisters, burns, tattoos, and post-surgical incisions
- Soft, thin, breathable, and flexible - fits body contours
- Waterproof - stays on in the shower or bath
- Gentle and painless removal
- Transparent for easy wound monitoring
- Latex free

### PRODUCT SPECS

Naked Bandage - 10cm x 30cm (4in x 12in) roll

MSRP \$13.99

UPC 850039735035





SilverCeuticals®

# Sinus Care

## Natural Sinus Relief

### BREATHE EASY

SilverCeuticals Natural Sinus Relief spray uses simple and proven ingredients to provide your sinuses quick relief.

### DIRECTIONS

Gently clear the nasal passages first by blowing your nose. Insert nozzle in nostril and spray 3-5 times in each nostril while breathing in through your nose. For best results, lie down for a few minutes after each use. Repeat 1-6 times daily, or as often as needed. Clean nozzle after each use.

### PRODUCT SPECS

Natural Sinus Relief - 2 fl. oz / 59 ml bottle  
MSRP \$15.99  
UPC 850039735172



### KEY BENEFITS

- 32ppm Triple Action Nano-Silver™
- Relieves congestion by thinning mucus.
- Gently cleans and soothes the nasal passages from irritants, pollutants, or low humidity.
- Eases air flow for clearer breathing.
- Made in the USA.
- Vegan, Non-GMO, Alcohol Free







SilverCeuticals®

# Teeth and Gums



## Active Defense™ TOOTHPASTE

HELPS CLEAN TEETH WITH  
TRIPLE ACTION NANO-SILVER™

NATURALLY WHITENING

SilverCeuticals Toothpaste is made from only the highest quality ingredients. This unique toothpaste is kid-safe and uses powerful natural ingredients. Triple Action Nano-Silver™ helps clean teeth, and promotes healthy teeth and gums. Then above-ground mined coral calcium helps to scrub and then remineralize the teeth.

It is available in three fresh flavors, all providing the same excellent benefits for your teeth and gums!

### KEY BENEFITS

- Helps clean teeth and promote healthy teeth and gums using Triple Action Nano-Silver™
- Naturally whitening
- Helps remineralize teeth using Coral Calcium
- Freshens breath

### 3 FLAVORS:

- Toothpaste 3.4oz - Refresh Mint..... MSRP \$14.99  
UPC 850039735073
- Toothpaste 3.4oz - Sassy Cinnamon... MSRP \$14.99  
UPC 850039735080
- Toothpaste 3.4oz - Bubble Berry..... MSRP \$14.99  
UPC 850039735097





**Published human ingestion safety study on this unique silver technology showing no negative effect on any of the many tested body systems... including metabolic, hematologic, urinalysis, sputum induction, chest MRI, and abdomen MRI, with no changes noted.**

Randomized Controlled Trial    [Nanomedicine](#). 2014 Jan;10(1):1-9.

doi: [10.1016/j.nano.2013.06.010](https://doi.org/10.1016/j.nano.2013.06.010). Epub 2013 Jun 28.

## **In vivo human time-exposure study of orally dosed commercial silver nanoparticles**

[Mark A Munger](#)<sup>1</sup>, [Przemyslaw Radwanski](#)<sup>2</sup>, [Greg C Hadlock](#)<sup>2</sup>, [Greg Stoddard](#)<sup>3</sup>, [Akram Shaaban](#)<sup>4</sup>, [Jonathan Falconer](#)<sup>5</sup>, [David W Grainger](#)<sup>5</sup>, [Cassandra E Deering-Rice](#)<sup>2</sup>

Affiliations

PMID: 23811290    PMCID: [PMC3877176](#)    DOI: [10.1016/j.nano.2013.06.010](https://doi.org/10.1016/j.nano.2013.06.010)

[Free PMC article](#)

### **Abstract**

Human biodistribution, bioprocessing and possible toxicity of nanoscale silver receive increasing health assessment. We prospectively studied commercial 10- and 32-ppm nanoscale silver particle solutions in a single-blind, controlled, cross-over, intent-to-treat, design. Healthy subjects (n=60) underwent metabolic, blood counts, urinalysis, sputum induction, and chest and abdomen magnetic resonance imaging. Silver serum and urine content were determined. No clinically important changes in metabolic, hematologic, or urinalysis measures were identified. No morphological changes were detected in the lungs, heart or abdominal organs. No significant changes were noted in pulmonary reactive oxygen species or pro-inflammatory cytokine generation. In vivo oral exposure to these commercial nanoscale silver particle solutions does not prompt clinically important changes in human metabolic, hematologic, urine, physical findings or imaging morphology. Further study of increasing time exposure and dosing of silver nanoparticulate silver, and observation of additional organ systems are warranted to assert human toxicity thresholds.

**From the clinical editor:** In this study, the effects of commercially available nanoparticles were studied in healthy volunteers, concluding no detectable toxicity with the utilized comprehensive assays and tests. As the authors rightfully state, further studies are definitely warranted. Studies like this are much needed for the more widespread application of nanomedicine.

**Trial registration:** [ClinicalTrials.gov](https://clinicaltrials.gov) [NCT01243320](https://clinicaltrials.gov/ct2/show/study/NCT01243320) [NCT01405794](https://clinicaltrials.gov/ct2/show/study/NCT01405794).

CURATED BY:



SilverCeuticals®

## Platelet Safety Study

**Published human safety study showing that this unique silver technology made it into the bloodstream, and was completely safe with no negative interactions.**

Clinical Trial [Nanotoxicology](#). 2014 May;8(3):328-33. doi: 10.3109/17435390.2013.788749.

Epub 2013 May 2.

### **Assessment of orally dosed commercial silver nanoparticles on human ex vivo platelet aggregation**

[Kristi J Smock](#)<sup>1</sup>, [Robert L Schmidt](#), [Greg Hadlock](#), [Greg Stoddard](#), [David W Grainger](#),  
[Mark A Munger](#)

Affiliations

PMID: 23517080 DOI: [10.3109/17435390.2013.788749](#)

#### **Abstract**

Enhanced in vitro human and ex vivo rat platelet aggregation from direct exposure to silver nanoparticles is previously reported. Given the increasing human use of engineered silver nanoscale products, platelet aggregation prompted by silver nanoparticles may contribute to human cardiovascular events. To understand how direct washed platelet exposure to silver nanoparticles translates to ex vivo platelet aggregation, the authors conducted a placebo-controlled, single-blind, dose-monitored, cross-over study design in 18 healthy human volunteers. After 2 weeks of daily oral silver nanoparticle ingestion, platelet aggregation was evaluated by light transmission aggregometry in response to collagen and ADP agonists, both at baseline and after silver nanoparticle or placebo diluent oral dosing. Final percent aggregation (PA) and the changes in PA were determined using a paired design (i.e., active and placebo solutions). Enhanced ex vivo platelet activation was not detectable at peak serum silver concentrations <10 µg/L. Further studies of colloidal silver nanoparticles on human platelet activities are warranted.

<https://pubmed.ncbi.nlm.nih.gov/23517080/>





**Published human safety study testing for potential drug interactions, showing no negative interaction with any of the P450 drugs they were testing for.**

Controlled Clinical Trial    [Nanotoxicology](#). 2015 May;9(4):474-81.

doi: [10.3109/17435390.2014.948092](https://doi.org/10.3109/17435390.2014.948092). Epub 2014 Aug 19.

## **Assessing orally bioavailable commercial silver nanoparticle product on human cytochrome P450 enzyme activity**

Mark A Munger <sup>1</sup>, Greg Hadlock, Greg Stoddard, Matthew H Slawson, Diana G Wilkins, Nicholas Cox, Doug Rollins

Affiliations

PMID: 25137296    DOI: [10.3109/17435390.2014.948092](https://doi.org/10.3109/17435390.2014.948092)

### **Abstract**

Nanotechnology produces a wide range of medicinal compounds, including nanoparticulate silver, which are increasingly introduced in various forms for consumer use. As with all medicinal compounds, potential drug interactions are an important consideration for ingested silver nanoparticles. Nanoparticulate silver-drug interactions may be mediated through induced oxidative stress in liver tissue where the majority of systemically bioavailable silver nanoparticles is found. To investigate whether an orally ingested commercially available colloidal silver nanoparticle product produces pharmacokinetic interference on select cytochrome P450 enzymes, a prospective, single-blind, controlled in vivo human study using simultaneous administration of standardized probes for P450 enzyme classes CYP1A2, CYP2C9, CYP2C19, CYP2D6 and CYP3A4 was conducted. Oral ingestion of a commercial colloidal silver nanoparticle product produces detectable silver in human serum after 14 days of dosing. This silver, however, elicits no demonstrable clinically significant changes in metabolic, hematologic, urinary, physical findings or cytochrome P450 enzyme inhibition or induction activity. Given their increasingly broad, diverse human exposures, future characterization of human cytochrome P450 enzyme activity for other systemically bioavailable nanotechnology products are warranted.

<https://pubmed.ncbi.nlm.nih.gov/25137296/>



# FACIAL BLEMISH CASE STUDY



# SILVERCEUTICALS FACIAL SERUM

BEFORE



1  
DAY



## A 23-Hour Difference

Clear reduction in facial blemish just 23 hours after first use

BEFORE



18  
DAYS



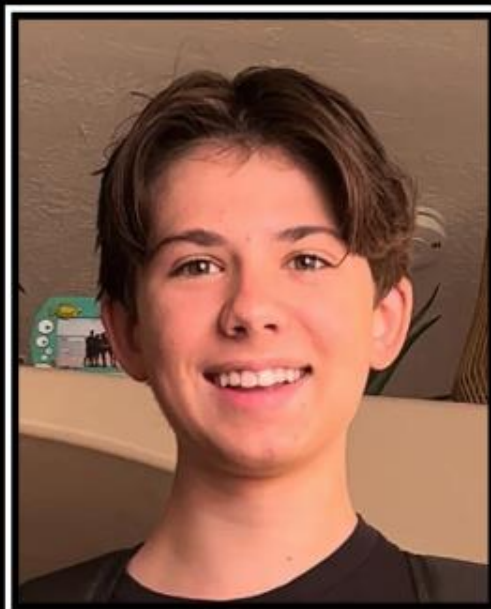
## 18 Days Later

Significant reduction in facial blemish in 2.5 weeks

BEFORE



4 WEEKS  
LATER



## CONFIDENCE BOOST

"I have told him many times he needs to be diligent at washing his face, but he would get frustrated because it didn't help. I told him he could try the silver serum and see what happened, and after a couple of days we could see improvement. Now he's obsessed with it and doesn't like to go a day without it!... He used to wear his hair covering his forehead because he was self conscious of his skin. After using the serum for a week he changed his hair style and is way more confident."

-Angie, his mother

# ABDOMEN CASE STUDY



# SILVERCEUTICALS FACIAL SERUM

36 year old female (mother of 6 children), with stretched out sagging skin, and lots of wrinkles.

\*She used 3-4 drops of the SilverCeuticals Facial Serum around her abdomen twice a day for 8 weeks

BEFORE



8 WEEKS  
LATER



## -RESULTS-

- Dramatically smoother and tighter skin
- Healthier looking skin



# Surgical Serum Case Study

The following case study is just one of many examples of the results of a human clinical trial in Canada using the SilverCeuticals Facial Serum as a surgical serum in oral surgeries to promote extraordinary heal times. It was recently approved in Canada as an antimicrobial serum to treat all skin infections and skin affections (which includes about anything that affects the skin, including eczema and acne.)

## SilverCeuticals Facial Serum

### - Surgical Serum Case Study -

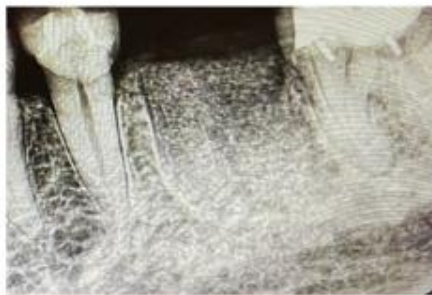


#### INTRODUCTION

SilverCeuticals Facial Serum is a premium cosmetic in the United States that is used on the face, neck, and décolletage to help reduce the appearance of fine lines and wrinkles, as well as hydrate, and help promote the natural healing of the skin. This same Facial Serum is also currently being registered as a surgical serum through Health Canada, and is already in human clinical trials as a surgical serum there. This is a real case study from those human clinical trials

#### BACKGROUND

Patient presents with an infected tooth after a piece of a filing tool broke off during a previous root canal with a different practitioner. The piece had been left inside and capped off after they determined it could not be removed.

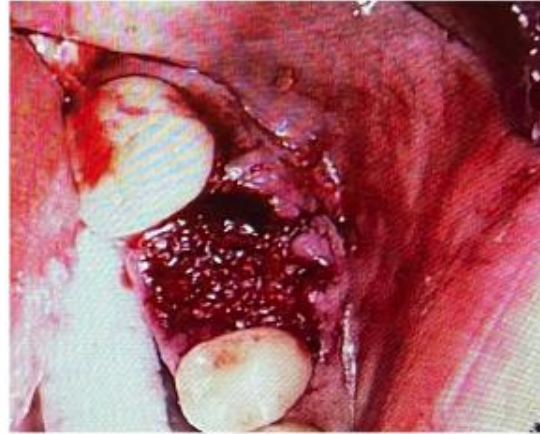


#### TOOTH REMOVAL

Tooth was removed by the surgeon in preparation to place a post and implant, and a bone graft was performed. You can see the filled hole in this photo.

### BONE GRAFT

The bone graft material was rehydrated with liquid Nano-Silver and then mixed together with our Facial Serum. Then they used that combination material to fill the open hole..



### COLLAGEN & SUTURES

As is standard, the area was then covered with a collagen membrane, and sutured in place. Then our Facial Serum was applied topically over the entire surgical area. Typically this would then require a healing period averaging 30 days before the implant post can be put in.

### 5 DAYS LATER

Amazingly, just five days later, the tissue is already more than 90% healed, and is ready for the sutures to be removed. These findings are clinically significant, and represent a clear departure from the average heal times.



**Published study completed at the Texas Tech School of Medicine showing the ability of this silver technology to stop bacteria biofilm formation.**

Published online 2019 Mar 7. doi: [10.12688/f1000research.17707.1](https://doi.org/10.12688/f1000research.17707.1)

PMID: [31031971](https://pubmed.ncbi.nlm.nih.gov/31031971/)

## Efficacy of a silver colloidal gel against selected oral bacteria *in vitro*

[Phat L. Tran](#), Investigation, Writing – Review & Editing,<sup>1</sup> [Keaton Luth](#), Writing – Review & Editing,<sup>1</sup> [James Wang](#), Writing – Review & Editing,<sup>1</sup> [Coby Ray](#), Writing – Review & Editing,<sup>1</sup> [Anselm de Souza](#), Conceptualization,<sup>2</sup> [Dilip Mehta](#), Conceptualization, Writing – Original Draft Preparation, Writing – Review & Editing,<sup>2</sup> [K. W. Moeller](#), Writing – Review & Editing,<sup>3</sup> [C. D. Moeller](#), Writing – Review & Editing,<sup>3</sup> and [Ted W. Reid](#), Project Administration, Writing – Original Draft Preparation, Writing – Review & Editing<sup>8,1,4</sup>

### Abstract

[Go to:](#) ▶

**Background:** It is necessary to develop new strategies to protect against bacteria such as *S. treptococcus mutans*, *S. treptococcus sanguis*, and *Streptococcus salivarius*, which contribute to tooth decay and plaque formation. Our current study investigated the efficacy of a colloidal silver gel in inhibiting biofilm formation by these principal oral bacteria, *in vitro*. The aim of this study was to assess the efficacy of a colloidal silver gel formulation for inhibiting bacterial biofilm formation (Ag-gel) by the principal bacteria that cause plaque formation and tooth decay.

**Methods:** The effect of Ag-gel on viability of *S. mutans*, *S. sanguis*, and *S. salivarius* was assessed by quantifying their colony forming units (CFU) in presence or absence of the test gel. The effect of this formulation on biofilm-forming ability of these bacteria was studied through scanning electron microscopy.

**Results:** Using the CFU assays, over 6 logs of inhibition (100%) were found for *S. mutans*, *S. sanguis*, and *S. salivarius* for the Ag-gel-treated bacteria when compared with the control gel. In addition, the Ag-gel also inhibited biofilm formation by these three bacteria mixed together. These results were confirmed by scanning electron microscopy.

**Conclusions:** The Ag-gel was effective in preventing biofilm formation by *S. mutans*, *S. sanguis*, and *S. salivarius*. This Ag-gel should be tested for the ability to block plaque formation in the mouth, through its use as a tooth paste.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6468711/>



**Review of wound healing case studies for wound healing, infection control, and stem cell activity, showing this silver "produced remarkable healing results".**

**Silver Sol Improves Wound Healing: Case Studies In the Use of Silver Sol in Closing Wounds (Including MRSA), Preventing Infection, Inflammation and Activating Stem Cells.**

**By**

**Gordon Pedersen Ph.D. and Keith Moeller**

### **Abstract**

Wound healing is a complex and fragile process, which can be complicated by infection and inflammation. In this study, multiple cases are reviewed pictorially for the purpose of recording improved wound healing using the antimicrobial Silver Sol gel. The daily use of Silver Sol gel results in reduced infection (including MRSA), which leads to less inflammation. By reducing the inflammation and infection wounds close faster and with less scarring. This remarkable review of the healing process strongly suggests that Silver Sol gel helps disinfect the wound, prevents further infection, helps reduce inflammation and stimulates stem cells which results in improved wound healing characterized by reduced inflammation, improved angiogenesis, faster phagocytosis and reduced scarring.

Three cases were studied and evaluated for wound healing, infection control and stem cell activity, where the antimicrobial Silver Sol gel was used multiple times daily to help produce remarkable recoveries in; 1. A complicated MRSA infected wound. 2. Serious facial lacerations and the prevention of infection and inflammation. 3. A serious burn in an immune compromised patient. These studies demonstrate improvements in healing outcomes sometimes in as little as half the normal healing time. The Silver Sol gel produced remarkable healing results in the MRSA infected wound by destroying the bacteria and helping to close a wound that was previously open and infected for over one year. Silver Sol gel helped produce a remarkable healing in a serious facial laceration preventing infection, significantly reducing inflammation resulting in an extremely rapid healing with little scarring. Silver sol gel was sprayed on a serious third degree burn in an 88 year old immune compromised patient helping to prevent infection and close a very difficult burn wound in two months.

<https://argasol.com/pdf/6.pdf>

## Wound Healing Case Studies (cont.)

### Case Study #3: Infection Control In a Serious Third Degree Burn.

**Subject:** 88 year old woman

**Wound:** Third degree burn over both thighs with potential pseudomonas aeruginosa, and MRSA infections.

**Treatment:** Silver Sol gel sprayed on topically once a day when bandages were changed.

**Results:** Photos illustrate total healing in 65 days.



**Day One:** Third Degree burn deep into the skin, adipose tissue and muscles. Subject was unable to receive skin grafts do to her age and compromised immunity.

**Day 65:** Complete healing with no infection. The wound is discolored but relatively scar-free after 65 days.



DAY 1



DAY 3



## Case Study Details

26 year old female presents with painful red sunburn after not using sunscreen. Subject applied the SilverCeuticals Nano-Silver Gel liberally three times daily for three consecutive days. Subject reported a significant reduction in pain and discomfort. Results are three days later.

Case Study Location: Utah, USA (2023)





## Background

47 year old male, who is a practitioner, presents with significant deep partial thickness (2nd degree) burns to the hands, face, and neck from a gasoline fire. Upon evaluation at the Burn Center, the patient was told he would "likely never look the same again."

## Method

Patient applied the SilverCeuticals™ Nano-Silver Gel topically 3-5 times daily to the affected areas. The Nano-Silver Gel was the exclusive treatment days 1-3 for his face. On days 4-6, he used the Nano-Silver Gel combined with other therapies while in the burn center, and days 7-14 he used primarily the Nano-Silver Gel.

## Results

See pictures above. At a later follow-up with his burn doctors, the patient was told he would "likely not have any scarring at all."

## Hand Burn Case Study

Case study on the healing potential of this silver technology for burn treatment, published by Springer in the textbook 'Wound Healing Research - Current Trends and Future Directions' 2021.



"A 1.5-year-old female child burnt her hand on a stove burner. The patient was hospitalized for 3 days and treated by a physician for severe second degree burns."

"Skin grafts were suggested by the physician but were put on hold."

After being discharged from the hospital, a silver hydrogel (24ppm) was used topically whenever the dressings were changed. At the physicians direction, the product was switched to a higher strength silver hydrogel (32ppm) around day 17.

"The wounds were healed completely by day 105"

[https://link.springer.com/chapter/10.1007/978-981-16-2677-7\\_12](https://link.springer.com/chapter/10.1007/978-981-16-2677-7_12)



Location: Illinois, USA



BEFORE



AFTER

## Case Study Details

11 year old male presents with red, inflamed, cracked and dry skin with diagnosed eczema. Patient applied SilverCeuticals Skin Cream between March 20th, 2023 (first photo) and April 25th, 2023 (second photo). Patient reported a marked decrease in pain and discomfort. This cream was the only change to their routine.

\*Patient reports the results happened much more quickly than the "after" photo reflects but they initially forgot to take a picture.



## Eczema Case Study 2

Case study on the healing potential of this silver technology for eczema published by Springer in the textbook 'Wound Healing Research - Current Trends and Future Directions' 2021.



**"A 5-year-old child suffering from eczema involving the bottom sides, and toes of the right foot."**

**He was treated with repeated application of a silver hydrogel 2-3 times a day. After the gel absorbed, a moisturizing cream containing the same silver particles was applied over top. After the open cracks and wounds healed, only the cream was used daily.**

**"There was complete healing of eczema without any scarring by day 21"**

[https://link.springer.com/chapter/10.1007/978-981-16-2677-7\\_12](https://link.springer.com/chapter/10.1007/978-981-16-2677-7_12)

## Malaria - Human Study

Published clinical trial completed on 56 human subjects, showing the effectiveness of this silver technology on Malaria (one of the leading causes of death by disease on the planet). It removed the malaria parasite from the blood of 100% of the subjects in an average of 5 days, with some testing negative as quick as 2 days.



Original Article

### **Silver Sol Completely Removes Malaria Parasites from the Blood of Human Subjects Infected with Malaria in an Average of Five Days: A Review of Four Randomized, Multi-Centered, Clinical Studies Performed in Africa**

Pedersen G, Hegde B M

#### **ABSTRACT**

Malaria afflicts half the world's population, kills more than half the children in sub-Saharan African countries, is caused by a parasite, transferred by mosquitoes, and destroys family and economic futures. Fifty-six human subjects from four separate study groups were used to determine the most effective dose, average time to full recovery and percent of patients cured in human subjects swallowing Silver Sol. Silver Sol Liquid 10 ppm was used in different oral doses (5 ml-15 ml) to determine the most effective dose. The optimal dose of Silver Sol was determined to be 15 ml twice a day. Silver Sol completely removed the malaria parasite from the blood in 100% of 56 human subjects infected with malaria in an average of five days. The fastest cure rate was found to be 2.0 days, and the most days required to achieve full recovery was found to be 10 days. Human subjects were found to have no malaria parasites in their blood (as determined by clinical microscopy) after an average of five days of Silver Sol treatment. No patients suffered any adverse side effects, while 100% were cured from Malaria in an average of 5 days.

It is concluded that Silver Sol can be taken daily to completely eliminate the malaria parasite from the blood of malaria infected human subjects in an average of 5 days. (*The Ind. Pract.* 2010; 63(9):567-674)

<https://www.scribd.com/document/68252233/Silver-Sol-Completely-Removes-Malaria-from-the-Blood>



## Ringworm Case Study

Case study on the healing potential of this silver technology on ringworm, published by Springer in the textbook 'Wound Healing Research - Current Trends and Future Directions' 2021.



**"A10-year-old female suffering from ringworm infection with inflamed and painful skin"**

**She was treated with a silver hydrogel (24ppm) local application twice a day and the affected area was left uncovered.**

**The infection was "completely cured by day 10."**



# Canadian Serum Approval

**2023 Canadian Approval on our Facial Serum registering it as an "antimicrobial skin serum to help treat minor skin infections and minor skin affections". This represents the first in a series of approvals in Canada to be formally approved.**



## **Product Licence Licence de mise en marché**

**Product Number/Numéro de produit:** 80123307

**Brand Name/Marque nominative:** SilverCeuticals Serum

**Other Brand Name(s)/Autre(s) marque(s) nominative(s):**

CuraSIL Super Hydrating Serum

CuraSIL Serum

**Issued to/Émise à:**

**Name of licensee/Nom du titulaire:**

SilverCeuticals Inc.

200 South 1396 West, Suite 2C

Lindon, Utah, 84042

U.S.A.

**Authorized for the following/Autorisé pour ce qui suit:**

**Dosage form/Forme posologique:** Liquid

**Recommended route of administration/Voie d'administration recommandée:**

Topical

**Recommended dose/Dose recommandée:**

Adults : (18 years and older): Clean affected area. Apply a small amount to affected skin area up to 4 times per day. Do not use on deep or puncture wounds, animal bites or serious burns.

**Recommended duration of use/Durée d'utilisation recommandée:**

For occasional use.

**Recommended use or purpose/Usage ou les fins recommandés:**

Used as an antimicrobial skin serum to help treat minor skin infections and minor skin affections.

**Risk Information/Renseignements sur les risques:**

**Known Adverse Reactions**

N/A

- Information from Health Canada approval 80123307

# Canadian Gel Approval

**2023 Canadian Approval on our Nano-Silver Gel registering it as an "antimicrobial to help treat minor skin wounds, burns, infections and affections". This represents the second major approval in a series of pending approvals in Canada to be formally approved. More are expected this year.**



## **Product Licence Licence de mise en marché**

**Product Number/Numéro de produit:** 80126948

**Brand Name/Marque nominative:** Active Defense Nano-Silver Gel

**Issued to/Émise à:**

**Name of licensee/Nom du titulaire:**

SilverCeuticals Inc.  
200 South 1396 West, Suite 2C  
Lindon, Utah, 84042  
U.S.A.

**Authorized for the following/Autorisé pour ce qui suit:**

**Dosage form/Forme posologique:** Gel

**Recommended route of administration/Voie d'administration recommandée:**

Topical

**Recommended dose/Dose recommandée:**

Adults : Clean the affected area then apply a small amount to affected skin up to 4 times per day.  
Do not use on deep or puncture wounds, animal bites or serious burns.

**Recommended duration of use/Durée d'utilisation recommandée:**

For occasional use only.

**Recommended use or purpose/Usage ou les fins recommandés:**

Used as an antimicrobial to help treat minor skin wounds, burns, infections and affections.

- Information from Health Canada approval 80126948

# Canadian Liquid Approval

**2023 Canadian Approval on our Nano-Silver liquid registering it as an "antimicrobial to help treat minor skin wounds, burns, infections and affections". This represents just one in a series of approvals in Canada to be formally approved.**



Health Canada Santé Canada

## Product Licence Licence de mise en marché

**Product Number/Numéro de produit:** 80128238

**Brand Name/Marque nominative:** Active Defense Antimicrobial Nanosilver Solution

**Other Brand Name(s)/Autre(s) marque(s) nominative(s):**

OraSIL Antimicrobial Nanosilver Solution

VeraSIL Antimicrobial Nanosilver Solution

**Issued to/Émise à:**

**Name of licensee/Nom du titulaire:**

SilverCeuticals Inc.  
200 South 1396 West, Suite 2C  
Lindon, Utah, 84042  
U.S.A.

**Authorized for the following/Autorisé pour ce qui suit:**

**Dosage form/Forme posologique:** Liquid

**Recommended route of administration/Voie d'administration recommandée:**

Topical

**Recommended dose/Dose recommandée:**

Adults : Clean the affected area. Apply a small amount to wound/affected skin area, one to four times per day, up to 5 mL a day. Do not use on deep or puncture wounds, animal bites or serious burns.

**Recommended duration of use/Durée d'utilisation recommandée:**

For occasional use only.

**Recommended use or purpose/Usage ou les fins recommandés:**

Used as an antimicrobial to help treat minor skin wounds, burns, infections and affections.

- Information from Health Canada approval 80128238





SilverCeuticals®

# Antimicrobial Tests

**Official USP 51 - Antimicrobial Testing (bacteria/yeast/mold) on the SilverCeuticals 10ppm and 32ppm liquids showing a kill rate of at least 99%+ and as much as 99.9%+ for each pathogen in under 15 minutes.**

**SilverCeuticals  
10ppm**

Exposure Interval	Staph. aureus	E. coli	Pseudomonas aeruginosa	Candida albicans	Aspergillus brasiliensis
Initial Concentration (CFU/g)	29,000	19,000	27,000	8,000	16,000
15 minutes	<10	<10	<10	<10	<10
1 hour	<10	50	<10	<10	<10
4 hours	<10	<10	<10	<10	<10
1 day	<10	<10	<10	<10	<10

ARL ID: 606290

**SilverCeuticals  
32ppm**

Exposure Interval	Staph. aureus	E. coli	Pseudomonas aeruginosa	Candida albicans	Aspergillus brasiliensis
Initial Concentration (CFU/g)	29,000	19,000	27,000	8,000	16,000
15 minutes	<10	<10	<10	<10	<10
1 hour	<10	<10	<10	<10	<10
4 hours	<10	<10	<10	<10	<10
1 day	<10	<10	<10	<10	<10

ARL ID: 606344



**Cozette Vreeland**

7 reviews

★★★★★ 5 months ago

I'll never travel without silver ever again! I got so sick last week (still am) and was at my sisters out of state and all I wanted was my silver liquid and mister full of the liquid... it was the first thing I grabbed when I got home. I drank some liquid, and poured some in my mister and used it immediately. I didn't even unpack the car. I'm in love with their toothpaste, and won't use another brand ever again. The gummies are amazing! And I just ordered the nasal spray and can hardly wait to try it out. You can't go wrong with a single product. They've got a customer for life!



**Cg Cavin**

31 reviews · 7 photos

★★★★★ a year ago

I started using the facial serum once a day (minus the occasional time I forget after my shower). But I always break out super bad right before and during my period but the last two times my period came and went and I didn't break out. I haven't changed anything else in my diet or routine so I know it's because of the facial serum.



**Camille Purtschert**

Local Guide · 290 reviews · 611 photos

★★★★★ a week ago **NEW**

Silverceuticals s amazing! I love that it's a family run business. They are honest and upfront, passionate about what they do, and constantly innovating and perfecting their products. I have loved every single item I've tried and have seen amazing results Best immune support ever!



**MaKayla Yates**

4 reviews

★★★★★ 3 months ago

We have used silver my whole life. I swear by it. Any time I start getting sick I take silver and it knocks it out so fast. I have seen several videos now of people talking about outbreaks of campylobacter/dysentery right now. My niece got it back in the fall. She was hospitalized for three days. They don't really have a way to treat it. She was going downhill in a hurry and was not herself. They were planning on putting her on a feeding tube because she was not getting better. My dad came and brought her silver and it knocked it out in a day. When they came in expecting to put in a feeding tube instead she was doing significantly better and was able to start eating food again. With it going around I thought letting people know that silver can treat it could save lives.



**Katherine Opfar**

Local Guide · 45 reviews · 22 photos

★★★★★ a year ago

The products are really high quality. I love that when you apply the silver gel it soaks in and doesn't leave any residue. I use it daily on my face and have noticed the redness on my cheeks and jawline reduce and my skin feels so much healthier. We just got back from a vacation in Hawaii and the silver gel saved us from suffering with sunburns after a long day on the beach!

Shop local! These guys are honest, legitimate, and amazing.



**Ivan Thompson**

Local Guide · 47 reviews · 1 photo

★★★★★ 10 months ago

Great products, love how they are affective and have no negative sides effects.



**Torika Beauty**

2 reviews

★★★★★ a year ago

Wow wow wow! We use lots of beauty products and white label our own brand. We are grateful we found SilverCeuticals with their silver. Our clients are so happy with their new facial serum! Looking forward to a long relationship together



**For more information visit**

[www.heartsandhandsforhumanity.org/h3ceuticals](http://www.heartsandhandsforhumanity.org/h3ceuticals)





Mobile / WhatsApp 1+ 801-514-4437

[www.heartsandhandsforhumanity.org/h3ceuticals](http://www.heartsandhandsforhumanity.org/h3ceuticals)

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