

HISTORY PHARMACOLOGY JOURNAL REFERENCES

Colloidal Silver provides health benefits to millions.

The beneficial health properties of silver have been known for millennia. In ancient civilizations, the wealthy would store their water in silver vessels to keep bacteria from growing. Roman soldiers were known to put a silver coin in their mouths to protect from sickness. American settlers would often put a silver dollar in milk containers to delay its spoilage.

In 1834, F. Crede, a German obstetrician, administered 1% silver nitrate to the eyes of newborn infants, almost eliminating the incidence of blindness caused by disease in newborns. It was not until the late 1800's that Western scientists began to prove what had been known in Eastern medicine for thousands of years...that silver was a proven germ fighter!

By the early 1900's an antibacterial solution called Colloidal Silver became the choice of medical practitioners. It proved to be enormously effective against infectious organisms and extremely safe to use, without the negative side effects associated with drugs. But unfortunately its use was short lived. Silver was put on the back shelf while the powerful new antibiotic drugs became the choice of medical treatment. However, illness-causing organisms do not build up a resistance to Colloidal Silver the way they do to other conventional antibiotics. Antibiotics continue to become less effective as resistance to them grows.

The late Dr. Carl Moyer, chairman of Washington University's Department of Surgery, received a grant to develop better treatment for burn victims. Dr. Harry Margraf of St. Louis, as the chief biochemist, worked with Dr. Moyer and other surgeons to find an antiseptic strong enough, yet safe for use over large areas of the body. Dr. Margraf reviewed 22 antiseptic compounds and found drawbacks in them all. He noted that many of these antibiotics were ineffective against a number of harmful bacteria, including the biggest killer, *Pseudomonas Aeruginosa*. Extensive trials proved silver the most effective, it is currently used in major burn centres in the United States. "What we actually have done, was rediscover that silver kills bacteria", stated Dr. Robert O. Becker M. D.

Silver's comeback in medicine began in the 1970's. Now it is used by the Soviets to sterilize recycled water in space stations. NASA selected a silver water system for the space shuttle. Many of the world's airlines use silver water filters to protect passengers from diseases such as dysentery. Silver has been effectively used to replace chlorine in swimming pool water, it is safe, effective, natural, and does not sting the eyes.

WHAT IS COLLOIDAL SILVER

Colloidal Silver is a tasteless, odourless, nontoxic, pure, natural substance that is pure water consisting of submicroscopic clusters of silver particles, suspended by a micro charge on each particle. The molecule's size usually ranges from 0.01 to about 0.001 micron in diameter (i.e. aggregates as small as 200 atoms of silver). The particles do not settle but remain suspended since the electric charge exerts more force than gravity on each particle. Silver and all other minerals are obtained from the food we eat and the beverages we drink. Colloidal Silver occurs naturally in spring water in trace amounts.

HOW DOES COLLOIDAL SILVER WORK

According to medical journals from around the world, it disables the particular enzyme that all one-celled bacteria, fungi and

viruses use for their oxygen metabolism, its chemical lung. Colloidal Silver co-mingles with the blood and enters the cells to seek out and destroy harmful organisms. Within minutes after the initial contact, the pathogen suffocates and dies. Then it is cleared out of the body by the immune, lymphatic and elimination systems. Thus Colloidal Silver is absolutely nontoxic and safe for humans, reptiles, plants and all multi-celled living matter. The body does not build up a tolerance to it and studies show that colloidal silver does not form silver deposits within the body.

The British Medical Journal reports that it rapidly subdues inflammation and promotes healing. Dr. Robert Becker noticed a correlation between low silver levels and sickness; colds, flu, etc. Dr. Bjorn Nordstrom of the Karolinska Institute, Sweden, has used silver in his cancer treatment for many years. He says it has brought on rapid remission in many patients whom other doctors had given up on.

USES OF COLLOIDAL SILVER

After several decades of clinical use, Silver has been proven effective in the treatment of burns and for eye, ear, nose, throat, vaginal, rectal and urinary tract infections. Silver has been prescribed in medicine as an aid to the brain, reproductive disorders in women and the circulatory system. It has been used as a remedy for mental imbalances, sleepwalking and anorexia nervosa. Additional uses include the treatment of allergies, anthrax bacilli, arthritis, parasites, blood poisoning, boils, wounds of the cornea, chronic fatigue, cerebrospinal meningitis, candida, cholera, colitis, cystitis, diabetes, diphtheria, dysentery, enlarged prostate, gonorrhoea, herpes, hepatitis, infantile diseases, lesions, leukaemia, lupus, lyme disease, rheumatism, ringworm, shingles, skin cancer, staph and strep infections, stomach flu, thyroid conditions, tonsillitis, toxemia, stomach ulcers, acne, warts, food poisoning, and whooping cough, to name a few.

JOURNAL REFERENCES 1912-1995

1. Adenovirus 5 (23)
2. Anthrax Bacilli (2,3)
3. Appendicitis (3)

4. Asper Gillus Niger (18)
5. Axillae and blind boils of the neck (10)
6. B. Coli (3)
7. B. Coli Communis (7)
8. B. Dysentery (2)
9. B. Tuberculosis (7)
10. Bacillary Dysentery (4)
11. Bacillus Typhosus (21)
12. Bladder Irritation (12)
13. Blepharitis (13)
14. Bovine Rotovirus (23)
15. Boils (10)
16. Bromidrosis in axillae (12)
17. Bromidrosis in Feet (10)
18. Burns and wounds of the cornea (13)
19. Candida Albicans (18)
20. Cerebrospinal Meningitis (3, 9)
21. Chronic Cystitis (10)
22. Chronic Eczema of anterior nares (10)
23. Chronic Eczema of metus of ear (10)
24. Colitis (4)
25. Cystitis (8)
26. Dacryocystitis (13)
27. Dermatitis suggestive of toxemia (4)
28. Diarrhoea (4) Diphtheria (3)
29. Dysentery (3, 6)
30. Ear Affections (5)
31. Endamoeba Histolytica (cysts) (24)
32. Enlarged Prostate (12)
33. Epididymitis (12)
34. Erysipelas (3)
35. Endamoeba Histolytica (cysts) (24)
36. Eustachian tubes (potency restored) (8)
37. Follicular Tonsillitis (10)
38. Furunculosis (3)
39. Gonococcus (7)
40. Gonorrhoea (10)
41. Gonorrhoeal Conjunctivitis (10)
42. Gonorrhoeal Ophthalmia (13)
43. Gonorrhoeal Prostatic Gleet (11)
44. Haemorrhoids (12)
45. Hypopyon Ulcer (13)
46. Impetigo (10)
47. Infantile Disease (16)
48. Infected Ulcers of the cornea (13)
49. Inflammatory Rheumatism (3)
50. Influenza (11)
51. Interstitial Keratitis (13)
52. Intestinal troubles (6)
53. Legionella Pneumophila (17)
54. Lesion Healing (12)
55. Leucorrhoea (8)
56. Menier's Symptoms (8)
57. Nasal Catarrh (5)

58. Nasopharyngeal Catarrh (reduced) (8)
59. Oedematous enlargement of turbinates without true hyperplasia (9)
60. Offensive discharge of chronic suppuration Otitis Media (10)
61. Ophthalmological uses (3, 12)
62. Para-Typhoid (3)
63. Paracemcium (1)
64. Perineal Eczema (12)
65. Phlegmons (3)
66. Phlyctenular Conjunctivitis (10)
67. Pneumococci (2)
68. Poliovirus 1 (Sabin strain) (23)
69. Pruritis Aani (12)
70. Pseudomonas Aeruginosa (17, 18)
71. Puerperal Septicaemia (15)
72. Purulent Ophthalmia of infants (13)
73. Pustular Eczema of scalp (10)
74. Pyorrhoea Alveolaris (Riggs disease) (8)
75. Quinsies (8)
76. Rhinitis (9)
77. Ringworm of the body (10)
78. Salmonella (22)
79. Scarlatina (3)
80. Sepsis (16)
81. Septic Tonsillitis (10)
82. Septic Ulcers of the legs (10)
83. Septicaemia (5, 8)
84. Shingles (8)
85. Soft sores (10)
86. Spore-forming Bacteria (24)
87. Spring Catarrh (10)
88. Sprue (6)
89. Staphylococlysin (inhibits) (2)
90. Staphylococcus Aureus (17)
91. Staphylococcus Pyogenea (7)
92. Staphylococcus Pyogens Albus (2)
93. Staphylococcus Pyogens Aureus (2)
94. Streptococci (7)
95. Streptococcus Faecalis (17)
96. Subdues inflammation (12)
97. Suppurative Apendicitis (post-op) (10)
98. Tinea Versicolor (10)
99. Tonsillitis (8)
100. Typhoid (3)
101. Typhoid Bacillus (14)
102. Ulcerative Urticaria (4)
103. Urticaria suggestive of toxæmia (12)
104. Valsava's inflammation (8)
105. Vegetative B. Cereus cells (24)
106. Vincent's Angina (10)
107. Vorticella (1)
108. Warts (12)
109. Whooping Cough (8)

Bibliographic Footnotes

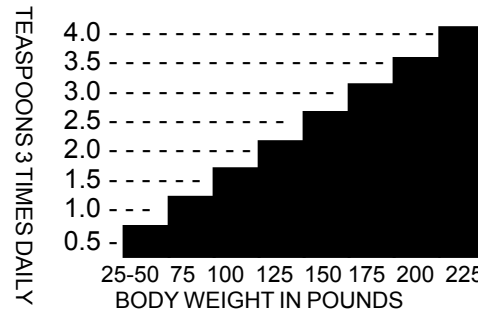
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24. Ibid., p. 302.

ADULT DOSAGE PER BODY WEIGHT



ADULTS: Drink 6-8 glasses of purified water each day while administering Colloidal Silver to flush the body. Hold under tongue 2-3 minutes before swallowing.

CHILDREN: Dosage is 1/2-1 teaspoon 3 times per day on an empty stomach. Hold under tongue 2-3 minutes. Drink 3-4 glasses water each day. NOTE: You may add Colloidal Silver into favourite drinks. However, holding the full-strength dosage under the tongue is faster acting. Applications for children under 5 years old are calculated at 2 drops of Colloidal Silver per pound of body weight.

After ingesting the initial dosages of Colloidal Silver one might experience a brief detox effect such as a sluggish feeling, mild headaches, or mild diarrhea. If these symptoms appear, this is a good and positive sign that the Colloidal Silver is WORKING. Dead pathogens are accumulating and need to be expelled. **It is very important that you assist the body in this function by drinking plentiful amounts of purified water.** If you experience discomfort, reduce the dosage of Colloidal Silver temporarily and then gradually increase as symptoms subside. Tailor the dosage to the needs of your body.

*Toxicity resulting from "kill off" or "die off" is referred to as a *Jarisch-Herxheimer* or *Herxheimer reaction* or just "herx". Chemotherapy, radiation treatment, certain herbs, blood electrification, colloidal silver, and other modalities may produce a herx reaction. These are normal discomforts experienced by some individuals during detoxification.

APPLY TO EYE, EAR AND NOSE

Apply 1-2 drops directly on eye, and 2-3 drops in ear and nose as needed. Start with a dosage of 3 times daily. Increase/decrease frequency as needed. Tailor the dosage to relieve the symptoms. For Children apply 1-2 drops directly to eye as needed, 2-3 drops in ear and nose as needed.

TOPICAL APPLICATION

Colloidal Silver can be very effective on cold sores, cosmetic burns, athlete's foot, warts, pimples and other skin disorders. Moisten infected area with Colloidal Silver (use cotton swab) for a minimum of 10 minutes per treatment. Apply 3 times a day and increase/decrease frequency as needed. Tailor the dosage to relieve the symptoms. On boils, warts, and cold sores apply a saturated cotton ball over desired area or use Colloidal Silver Gel.

It is impossible for single-celled germs to mutate into silver-resistant forms, as happens with conventional antibiotics. Colloidal Silver cannot interact or interfere with other medicine being taken. Colloidal Silver is a safe and natural remedy for many conditions and can be taken indefinitely because the body does not develop a tolerance to it.

by Bruce (Baruch) Gorovenko

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