

-  [Observations On the Dose and Administration of Ascorbic Acid When Employed Beyond the Range of A Vitamin In Human Pathology:](#)

[Klenner, Journal of Applied Nutrition Winter, 1971](#) ( [Jump to Top of Article](#))

“**[Caterpillar Sting:]**An adult male ... complaining of severe chest pain and the inability to take a deep breath ... had been “stung” or “bitten” 10 minutes earlier He begged for help saying he was dying ... becoming cyanotic. Twelve grams of vitamin C ... given intravenously as fast as the plunger could be pushed. Even before the injection was completed, he exclaimed, “Thank God.” The poison had been neutralized that rapidly. ... the “culprit” [was] an object that looked like a mouse ... 1½ inches long with long brown hair ... a dark ridge down the entire back ,... seven pairs of propelling units and a tail much like a mouse ... identified as the Puss Caterpillar ... left 44 red raised marks on the back of its victim. Except for vitamin C this individual would have died from shock and asphyxiation.

... **[two]** boys ... were caught in the “**spray**” of a **dusting airplane** ... **[one]** was given 10 grams of ascorbic acid **[by]** syringe every 8 hours... He was returned home on the second hospital day. The [other] received supportive treatment but did not receive ascorbic acid. His body was something to see. The spray had produced an allergic dermatitis as well as a chemical burn. He died on the 5th hospital day.

“Three children ... developed **nasal diphtheria** ... **[the]** little girl under our care was given 10 grams ascorbic acid, intravenously **[by]** syringe every 8 hours for the first 24 hours and then every 12 hours for two times. She was then put on one gram ascorbic acid every two hours by mouth. She lived and is now a graduate nurse. The other children did not receive ascorbic acid and both died. Our young patient also received 40,000 units diphtheria antitoxin which was given intraperitoneal. The other children also were administered the antitoxin.

“...Two brothers were sick with **poliomyelitis**. These two boys were given 10 and 12 grams of ascorbic acid... every eight hours for 4 times and then every 12 hours for 4 times. They also were given one gram every two hours by mouth around the clock. They made complete recovery. ... A third child, a neighbor, under the care of another physician received no ascorbic acid. This child also lived. The young lady is still wearing braces.

“Child of 4 years was **struck on the lower leg by a large highland moccasin [snake]**... Four grams of ascorbic acid was given intravenously ...**[after]** 25 minutes ... the child had stopped vomiting, she had stopped crying and was sitting on the emergency room table, laughing and drinking a glass of orange juice. She commented: “Come on, Daddy, I’m all right now, let’s go home.”... the following morning she still demonstrated the small amount of swelling of her leg and had ½ degree fever. She was given a second dose of 4 grams of ascorbic acid intravenously. ... The following day, 38 hours after being bitten, she was completely normal...

“Comparing this to an **earlier case of snake bite** in a 16 year old girl, struck by a moccasin of about the same size... was hospitalized for three weeks. She was given 3 doses of anti-venom ... This patient received no vitamin C other than that found in a regular hospital diet. Morphine was required to control pain.

“Acute **Virus Pancarditis**: A five year old boy ... with ... a “relapse” after ... measles ... showed a thready and feeble pulse ... temperature was 105°F. Ascorbic acid calculated at 400 mg per Kg body weight was given intravenously with a syringe. Within two hours the picture had almost reverted to normal. Injection of Vitamin C was repeated in 6 hours and again at 12 hours ...**[and a]** fourth ... after 24 hours although the patient was clinically well. The child returned home on the 4th hospital day.”

*[AscorbateWeb Editorial: This is another extensive survey of ascorbate's broad applicability in handling serious illnesses, with still more examples from Dr. Klenner's extensive case history files. The note at the start of the article is amusing when one considers how the editor must have **freaked out** when reading of the "unusually high" dosages employed by Dr. Klenner.]*

— 1972 —

-  [**The Natural History of Ascorbic Acid in the Evolution of the Mammals and Primates and Its Significance for Present Day Man:**](#)
[Stone, Orthomolecular Psychiatry, 1972](#)

— 1973 —

-  [**The Hypoglycemic Effect of Ascorbic Acid in a Juvenile-Onset Diabetic:**](#)
[Dice, IRCS International Research Communications System, March 1973](#)

— 1974 —

-  [**Significance of High Daily Intake of Ascorbic Acid in Preventive Medicine:**](#)
[Klenner, Journal of the International Academy of Preventive Medicine, Spring 1974](#)

— 1975 —

-  [**Megascorbic Prophylaxis and Megascorbic Therapy - A New Orthomolecular Modality in Veterinary Medicine:**](#)
[Belfield & Stone, Journal of the International Academy of Preventive Medicine, 1975](#)

“Dogs and cats were found to be poor ascorbate producers and suffer from chronic subclinical scurvy, especially when under stress. The full correction of this genetic condition gives dramatic therapeutic results in sick animals and consistent maintenance of full health and mental alertness when used as a prophylactic measure.

“A 2-year-old, 65 pound German Shepherd with a grade #3 hip dysplasia was bred and placed on 2 grams of sodium ascorbate daily. The pregnancy and whelping were very uneventful with eight normal pups whelped. The pups were placed on 50 to 100 milligrams ascorbate a day during early puppyhood. This regime was repeated through four litters. To date there is no dysplasia in the 30 pups.... These preliminary results may provide the basis for a possible simple procedure for preventing the very frustrating occurrence of canine hip dysplasia.”

[AscorbateWeb Editorial: Since lawyers, ethics committees and review boards seem to be less bothersome in veterinary medicine, one could expect great strides in the application of ascorbate to healing sick animals and keeping them healthy. Ironically, domesticated animals may end up healthier than their human masters.]

-  [Effect of ascorbic acid on rectal polyps of patients with familial polyposis:](#)
[DeCosse, Sugery, November 1975](#)

— 1976 —

-  [Smoker's Scurvy: Orthomolecular Preventive Medicine in Cigarette Smoking:](#)
[Stone, Orthomolecular Psychiatry, 1976a](#)
-  [The Genesis of Medical Myths:](#)
[Stone, Orthomolecular Psychiatry, 1976b](#)
-  [The Genetics of Scurvy and the Cancer Problem:](#)
[Stone, Orthomolecular Psychiatry, 1976c](#)

— 1977 —

-  [The Hypoascorbemia-Kwashiorkor Approach to Drug Addiction Therapy: A Pilot Study:](#)
[Libby & Stone, Orthomolecular Psychiatry, 1977](#)

“Chronic drug addiction produces in the victims severe subclinical scurvy, along with multivitamin and mineral dysfunction and protein deficiencies. ...Methadone ... only continues the severe biochemical stresses contributing to their illness.

“The treatment is entirely orthomolecular and inexpensive, is nontoxic, and uses no drugs or narcotics ... sodium ascorbate is administered at 25 to 85 g per day or more, along with high doses of multivitamins, essential minerals, and protein hydrolysate. ...Under this treatment, the heroin or methadone is stopped and no withdrawal symptoms are encountered. Should a “fix” be taken, it is immediately detoxified and no “high” is produced. It is like injecting plain water.

“... [a] male, age 24. Began using heroin at age 15 and now had a habit costing between \$150 and \$200 a day. ... He was such a skeptic of the value of our orthomolecular program that... he first took 45 g of sodium ascorbate and then in the space of five hours he “shot-up” \$300-\$400 worth of heroin, and he felt no effect from this large amount of heroin. He continued on the ascorbate, 45 g per day for 10 days, along with the vitamins, minerals, and protein supplement. Then the dosage was reduced to 10 g sodium ascorbate and continued for another 30 days. The patient has moved out of the area, but when last seen, he was drug-free and had an extreme sense of well-being and a good attitude.

“We speculate on ascorbate’s action as due to the high levels of sodium ascorbate in the brain as competing for and displacing the narcotic from the opiate receptor sites. ...it might be possible to use this phenomenon postoperatively on surgical patients to quickly bring them out of anesthesia.”

*[AscorbateWeb Editorial: Incredibly, at the start of the 21st century, methadone is still the preferred “treatment” for heroin addicts. The researchers of this study speculate about the **genetic** and **biomolecular** bases for Man’s susceptibility to opiate drugs. As for ascorbate’s observed property of nullifying the effects of opiates, there has been no evidence of follow-through on characterizing this in clinical or emergency practice.]*

-  **Vitamin C and Drug Addiction:**
Letter to the editor, Orthomolecular Psychiatry, 1977

“... this entire pilot study was paid for out of our own pockets and on our own time. We found the vested interests of the current drug abuse programs most uncooperative, even to a point of hostility.”

— 1978 —

-  **Vitamin C for Prophylaxis of Viral Hepatitis B in Transfused Patients:**
Morishige, Journal of the International Academy of Preventive Medicine, 1978

“... by 1974 the value of ascorbic acid had become so clear that the decision was made, for ethical reasons, to give vitamin C in large amounts to essentially every patient.

“Over the whole period 1967 to 1976 there were 12 cases of hepatitis among the 170 transfused patients who received little or no vitamin C (incidence 7%) and three cases, all non-B, among the 1,367 who received 2 g per day or more (incidence 0.2%).

“The results presented here support our earlier conclusion that vitamin C given in large amounts has a significant prophylactic effect against post-transfusion hepatitis, especially type B.”

*[AscorbateWeb Editorial: One wonders what **ethics** today’s doctors (outside of Japan, that is) subscribe to in handling their patients receiving transfusions. Could any of those 1980’s cases of transfusion-borne HIV — and today’s hepatitis-C — have been prevented by a few cents’ worth of ascorbate?]*

-  **Sudden Death: A Look Back from Ascorbate’s 50th Anniversary:**
Stone, Journal of the International Academy of Preventive Medicine, 1978

— 1979 —

-  [How Vitamin C Really Works... or Does It?](#)
[Enloe, Nutrition Today, 1979](#)

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-  [Eight Decades of Scurvy. The Case History of a Misleading Dietary Hypothesis](#)
[Stone, Orthomolecular Psychiatry, 1979](#)

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-  [Homo Sapiens Ascorbicus, A Biochemically Corrected Robust Human Mutant](#)
[Stone, Medical Hypotheses, 1979](#)

“The recommended dietary allowance of 45 milligrams of ascorbate a day for human adults, now proposed and used by nutritionists, is grossly inadequate to restore Homo sapiens to a normal mammalian ascorbate physiology. To correct fully this human genetic defect and banish epidemic chronic subclinical scurvy requires daily intakes of ascorbate equivalent to, at least, the amounts synthesized by the other mammals.

“Humans kept on a long term regime of full correction of this birth defect show great salutary benefits in health maintenance, disease therapy and slowing of the aging process. This can be regarded as the creation of a new and more robust, longer-living, tough human sub-species, Homo sapiens ascorbicus...”

[AscorbateWeb Editorial: Dr. Stone was probably the first to identify the human/primate genetic mutation as the root cause of most of mankind’s great suffering and susceptibility to debilitating diseases. The US RDA of 60 mg. ascorbate daily (as of 2003) is still tragically, laughably inadequate for attaining or maintaining full health.]

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